

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045557.D
 Acq On : 02 Apr 2025 19:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2025
 Supervised By : Mahesh Dadoda 04/03/2025

Quant Time: Apr 03 01:58:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	87707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84589	52.739	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.480%			
35) Dibromofluoromethane	5.385	113	58421	52.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.840%			
50) Toluene-d8	8.646	98	201922	52.401	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.800%			
62) 4-Bromofluorobenzene	11.079	95	76816	54.728	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72119	54.983	ug/l	99
3) Chloromethane	1.306	50	71635	53.161	ug/l	96
4) Vinyl Chloride	1.373	62	64048	51.937	ug/l	99
5) Bromomethane	1.593	94	28812	49.275	ug/l	98
6) Chloroethane	1.666	64	33427	51.090	ug/l	99
7) Trichlorofluoromethane	1.873	101	94519	51.399	ug/l	98
8) Diethyl Ether	2.135	74	30856	49.979	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	54388	50.473	ug/l	98
10) Methyl Iodide	2.440	142	70121	52.171	ug/l	99
11) Tert butyl alcohol	2.983	59	55599	257.933	ug/l	99
12) 1,1-Dichloroethene	2.306	96	52917	50.257	ug/l	99
13) Acrolein	2.233	56	76570	257.954	ug/l	99
14) Allyl chloride	2.654	41	102534	51.323	ug/l	99
15) Acrylonitrile	3.062	53	179928	264.432	ug/l	100
16) Acetone	2.385	43	169581	257.479	ug/l	99
17) Carbon Disulfide	2.501	76	129598	49.835	ug/l	99
18) Methyl Acetate	2.702	43	77903	51.374	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	188726	51.238	ug/l	98
20) Methylene Chloride	2.782	84	63107	51.181	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	54495	50.660	ug/l	95
22) Diisopropyl ether	3.763	45	201521	51.208	ug/l	99
23) Vinyl Acetate	3.721	43	907593	266.929	ug/l	99
24) 1,1-Dichloroethane	3.605	63	111798	50.233	ug/l	100
25) 2-Butanone	4.556	43	259229	268.886	ug/l	99
26) 2,2-Dichloropropane	4.464	77	70928	49.326	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	64944	49.555	ug/l	97
28) Bromochloromethane	4.891	49	55506	51.609	ug/l	100
29) Tetrahydrofuran	5.007	42	164331	262.909	ug/l	99
30) Chloroform	5.086	83	116730	50.972	ug/l	97
31) Cyclohexane	5.464	56	98644	50.136	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	96504	49.801	ug/l	99
36) 1,1-Dichloropropene	5.684	75	75614	50.727	ug/l	99
37) Ethyl Acetate	4.714	43	98230	52.292	ug/l	99
38) Carbon Tetrachloride	5.671	117	82453	51.181	ug/l	97
39) Methylcyclohexane	7.372	83	94922	51.949	ug/l	96
40) Benzene	6.031	78	232178	51.000	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	55648	56.145	ug/l	99
42) 1,2-Dichloroethane	6.080	62	96796	51.479	ug/l	100
43) Isopropyl Acetate	6.342	43	149573	52.535	ug/l	100
44) Trichloroethene	7.122	130	53382	49.334	ug/l	95
45) 1,2-Dichloropropane	7.427	63	58525	51.524	ug/l	97
46) Dibromomethane	7.580	93	45001	51.609	ug/l	99
47) Bromodichloromethane	7.817	83	90156	51.774	ug/l	99
48) Methyl methacrylate	7.689	41	78917	53.685	ug/l	99
49) 1,4-Dioxane	7.665	88	26994	1014.952	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	514156	272.416	ug/l	100
52) Toluene	8.714	92	142383	51.687	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	77198	46.279	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86755	53.016	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	56499	51.469	ug/l	98
56) Ethyl methacrylate	9.116	69	91690	53.972	ug/l	99
57) 1,3-Dichloropropane	9.305	76	98365	51.459	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	227139	264.300	ug/l	100
59) 2-Hexanone	9.427	43	384382	275.018	ug/l	99
60) Dibromochloromethane	9.518	129	64110	53.571	ug/l	97
61) 1,2-Dibromoethane	9.610	107	59132	53.213	ug/l	97
64) Tetrachloroethene	9.268	164	46860	48.170	ug/l	99
65) Chlorobenzene	10.079	112	150710	51.188	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	50963	49.857	ug/l	99
67) Ethyl Benzene	10.189	91	278142	52.747	ug/l	99
68) m/p-Xylenes	10.299	106	202256	105.458	ug/l	100
69) o-Xylene	10.640	106	99894	52.873	ug/l	99
70) Styrene	10.652	104	169896	54.484	ug/l	99
71) Bromoform	10.799	173	40094	52.532	ug/l #	98
73) Isopropylbenzene	10.963	105	265408	51.643	ug/l	99
74) N-amyl acetate	10.841	43	128957	52.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89045	49.322	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	76233m	48.711	ug/l	
77) Bromobenzene	11.195	156	60193	50.691	ug/l	98
78) n-propylbenzene	11.298	91	311937	52.696	ug/l	100
79) 2-Chlorotoluene	11.359	91	189531	50.083	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	222860	52.441	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22084	47.891	ug/l	96
82) 4-Chlorotoluene	11.451	91	217008	51.431	ug/l	99
83) tert-Butylbenzene	11.713	119	218592	51.954	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	223065	52.296	ug/l	100
85) sec-Butylbenzene	11.890	105	272790	52.788	ug/l	100
86) p-Isopropyltoluene	12.006	119	225599	52.952	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	107960	49.946	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	107242	48.939	ug/l	99
89) n-Butylbenzene	12.329	91	199418	53.978	ug/l	100
90) Hexachloroethane	12.536	117	39415	53.832	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	108285	50.388	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20287	53.731	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	60893	50.905	ug/l	98
94) Hexachlorobutadiene	13.719	225	25834	50.118	ug/l	97
95) Naphthalene	13.774	128	230079	51.685	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63931	51.040	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

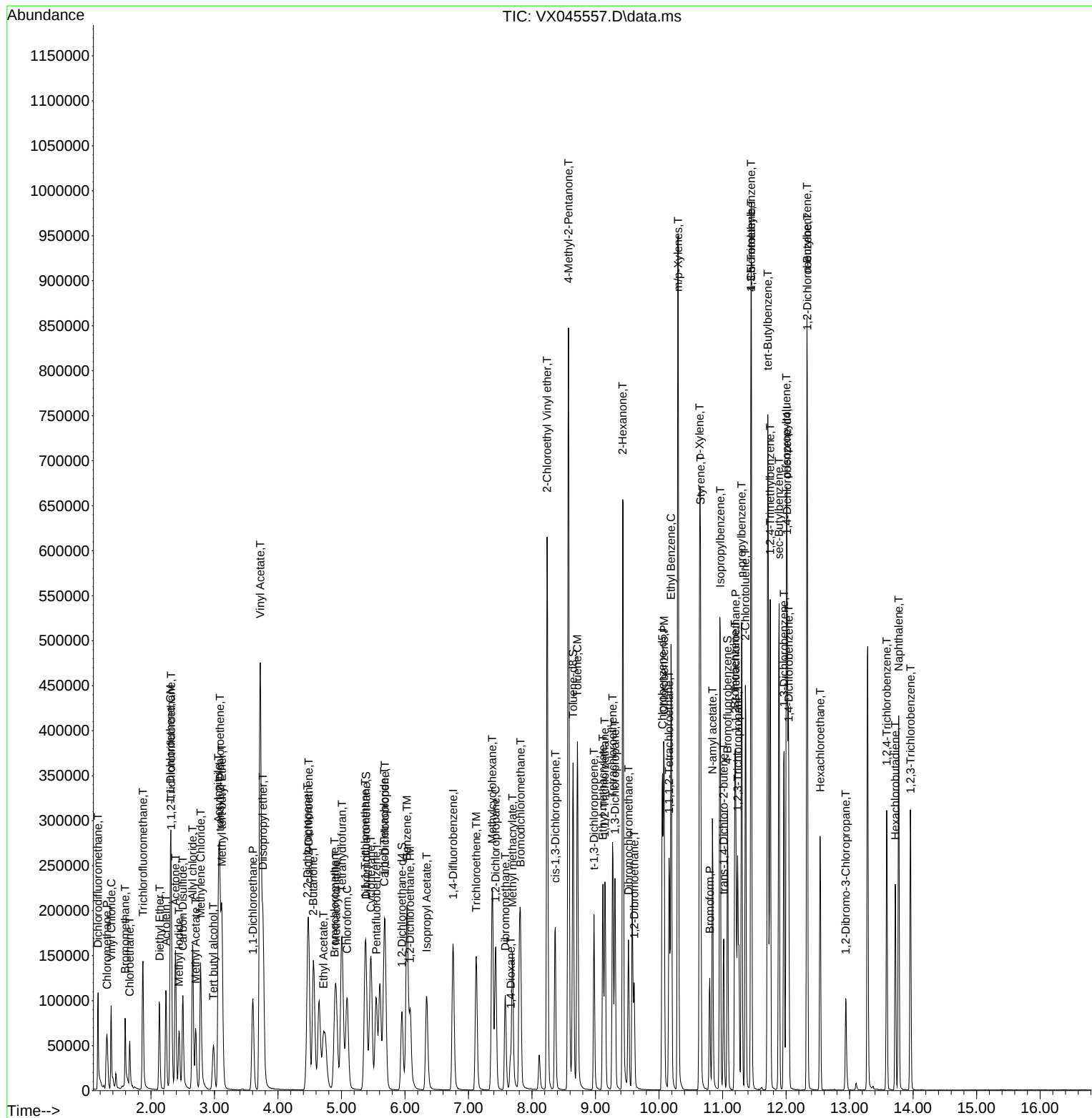
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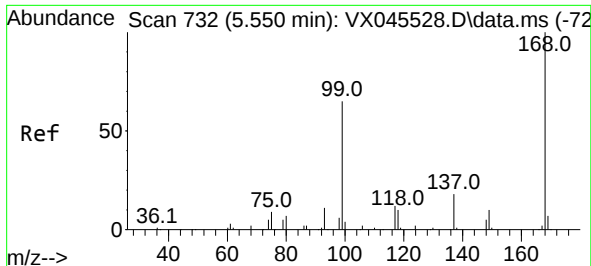
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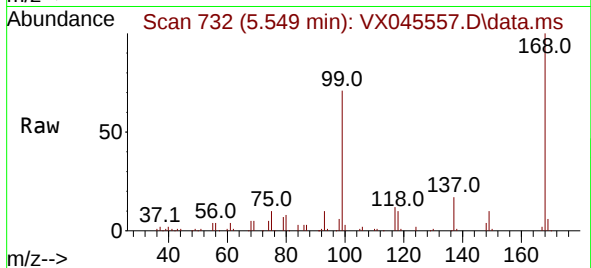
Reviewed By : John Carlone 04/03/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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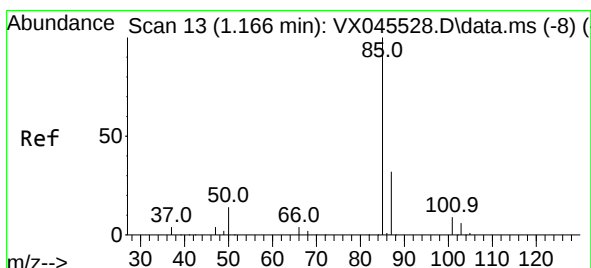
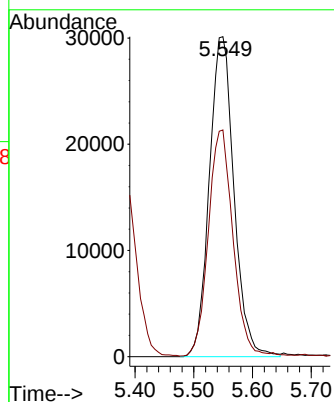
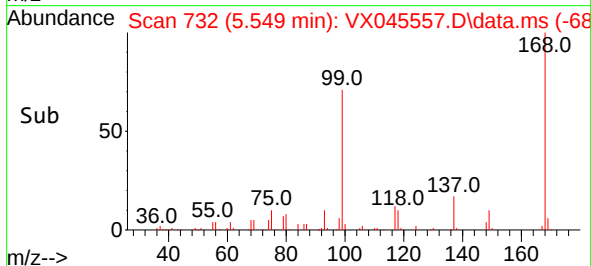
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 8770
Ion Ratio Lower Upper
168 100
99 70.7 52.3 78.5

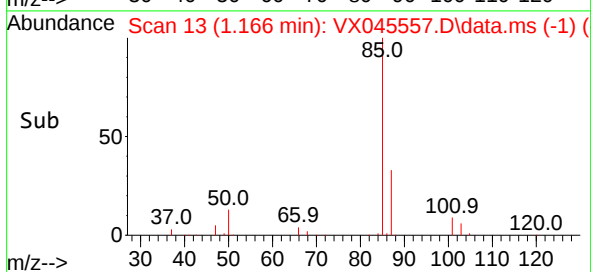
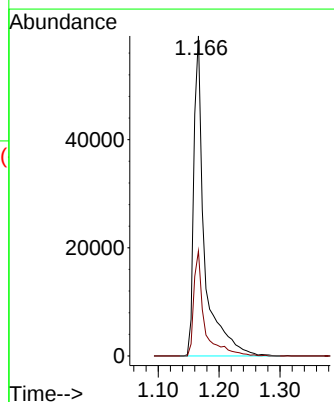
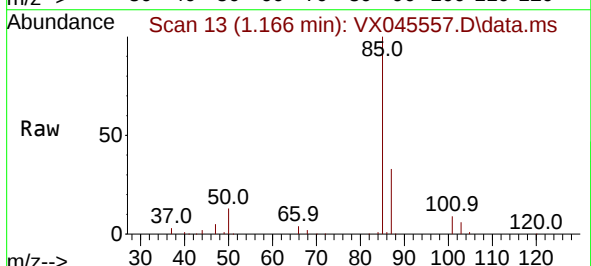
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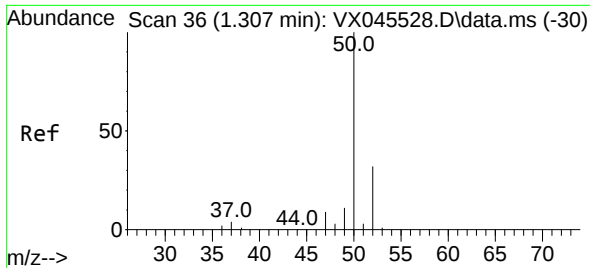
Reviewed By :John Carlone 04/03/2025
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#2
Dichlorodifluoromethane
Concen: 54.983 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045557.D
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Tgt Ion: 85 Resp: 72119
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2





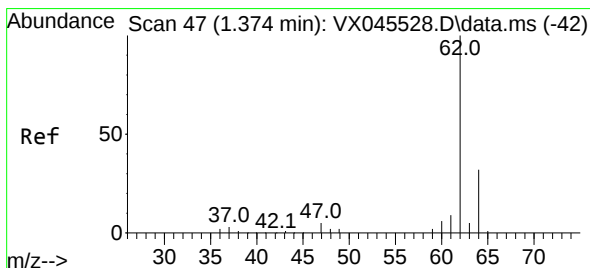
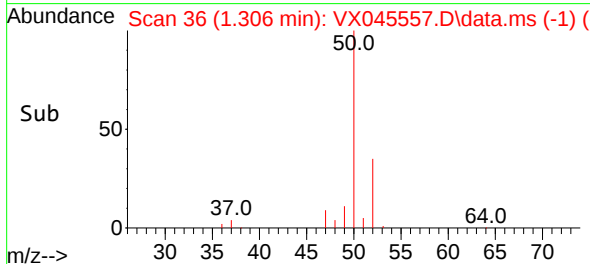
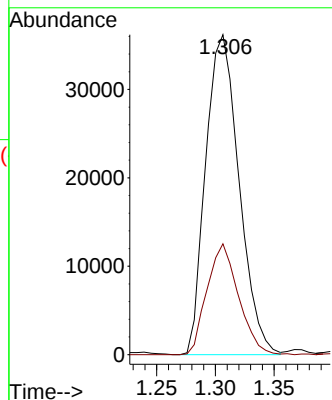
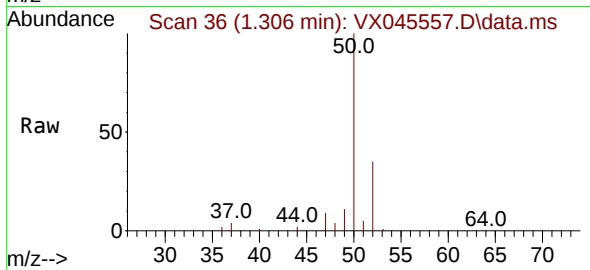
#3
Chloromethane
Concen: 53.161 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

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Tgt Ion: 50 Resp: 7163
Ion Ratio Lower Upper
50 100
52 34.6 25.9 38.9

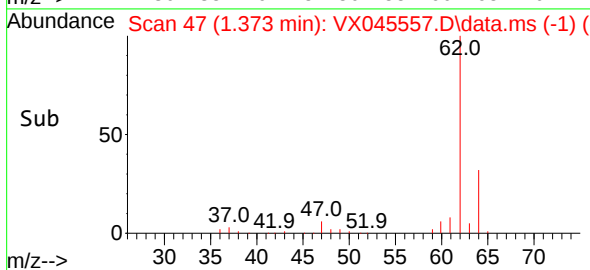
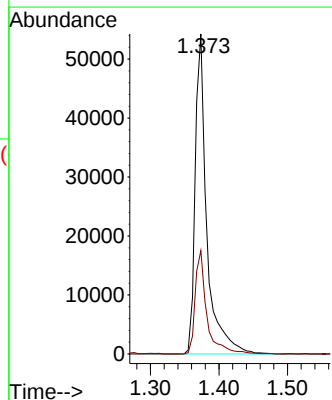
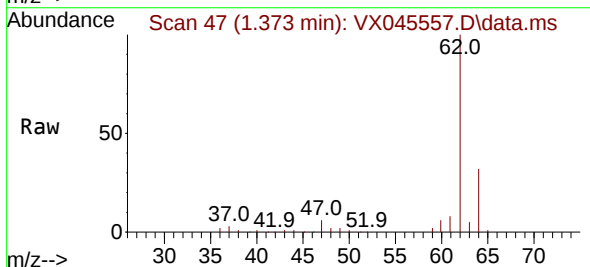
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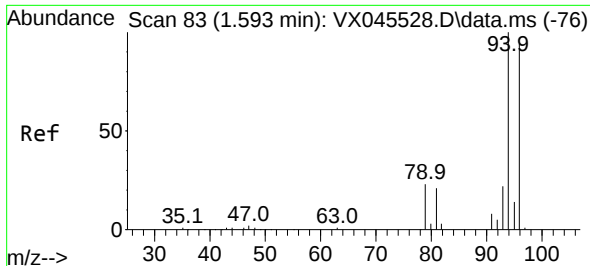
Reviewed By :John Carlone 04/03/2025
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#4
Vinyl Chloride
Concen: 51.937 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

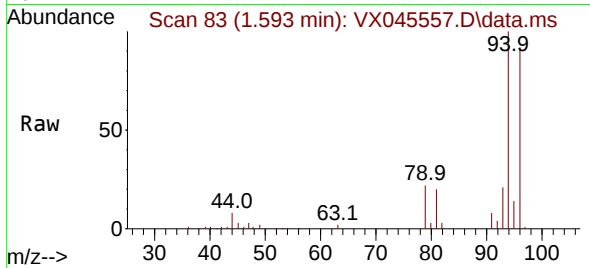
Tgt Ion: 62 Resp: 64048
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3





#5
Bromomethane
Concen: 49.275 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045557.D
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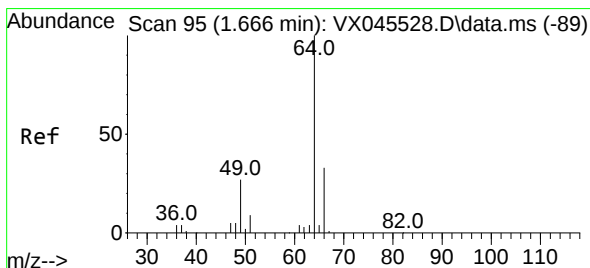
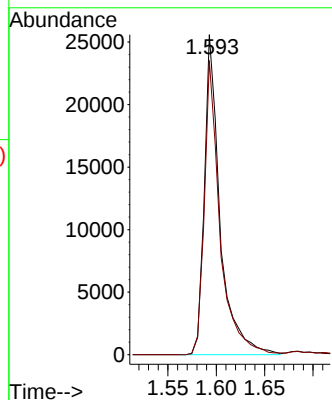
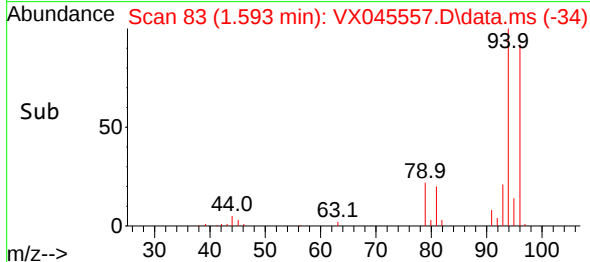
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Tgt Ion: 94 Resp: 2881
Ion Ratio Lower Upper
94 100
96 91.9 74.8 112.2

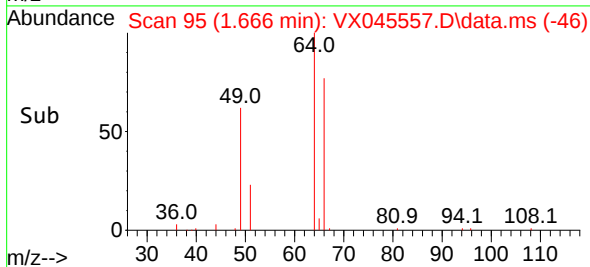
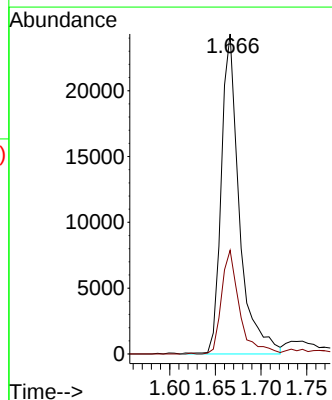
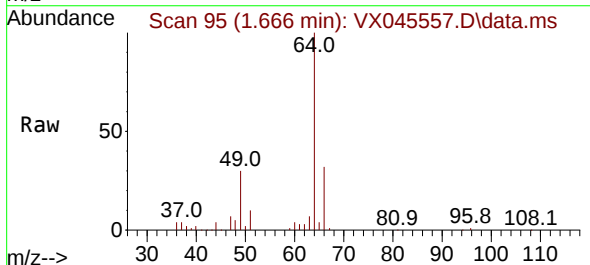
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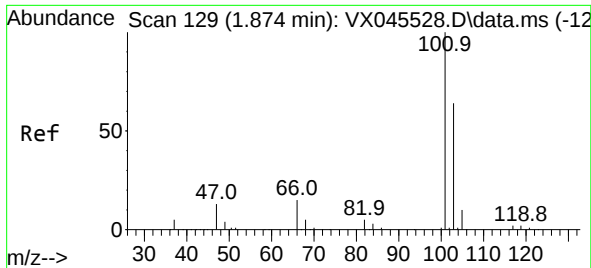
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#6
Chloroethane
Concen: 51.090 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
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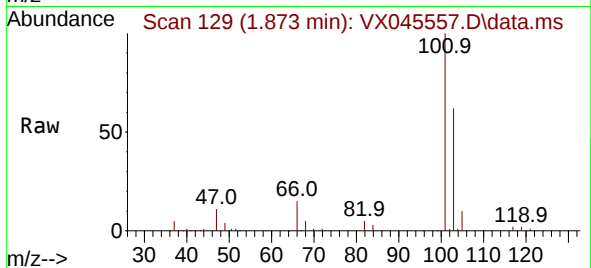
Tgt Ion: 64 Resp: 33427
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 51.399 ug/l
RT: 1.873 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

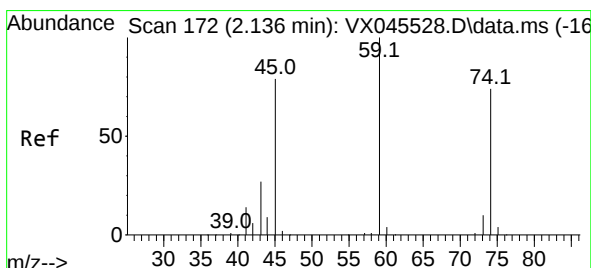
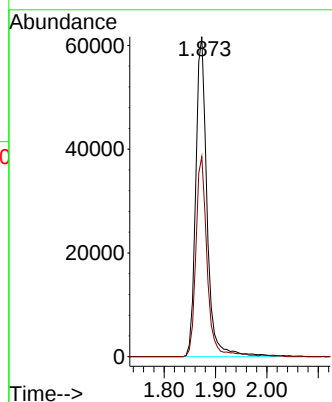
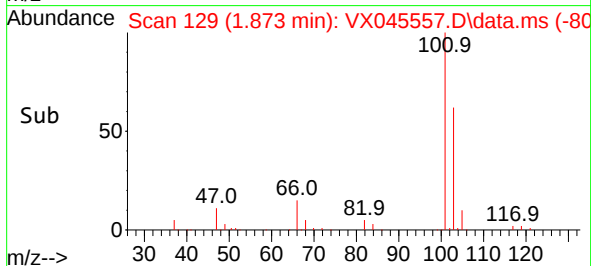
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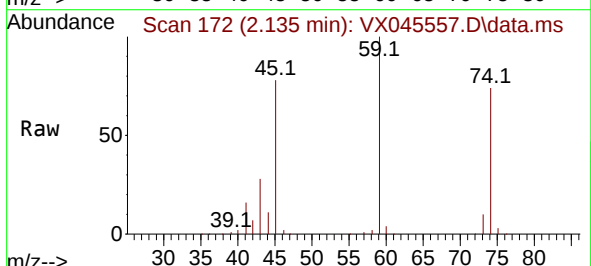
Tgt Ion:101 Resp: 94519
Ion Ratio Lower Upper
101 100
103 62.5 51.1 76.7

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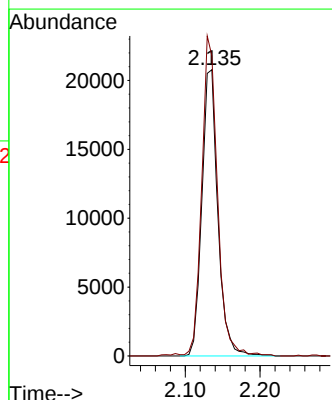
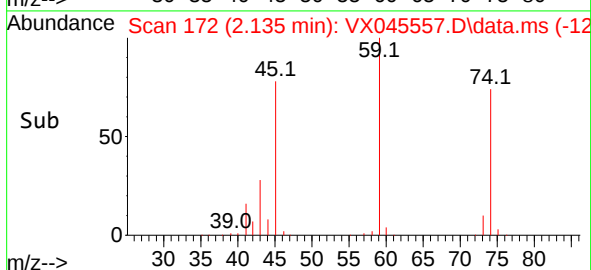
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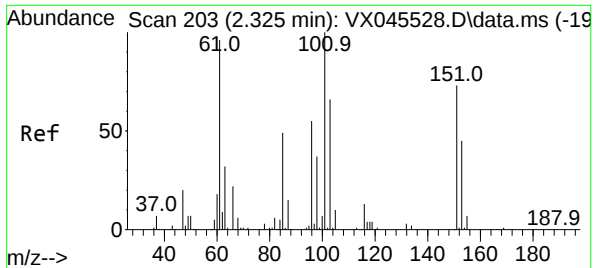


#8
Diethyl Ether
Concen: 49.979 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



Tgt Ion: 74 Resp: 30856
Ion Ratio Lower Upper
74 100
45 111.2 53.0 159.1





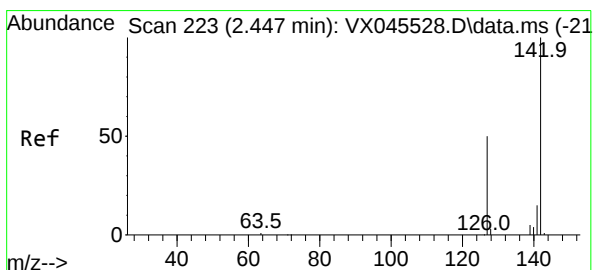
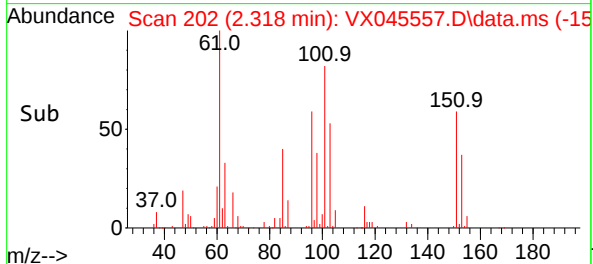
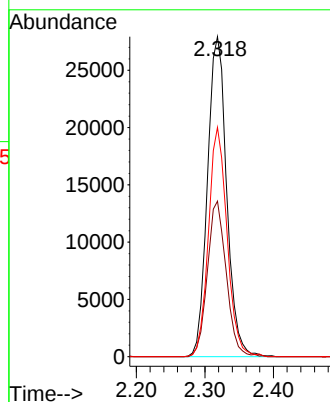
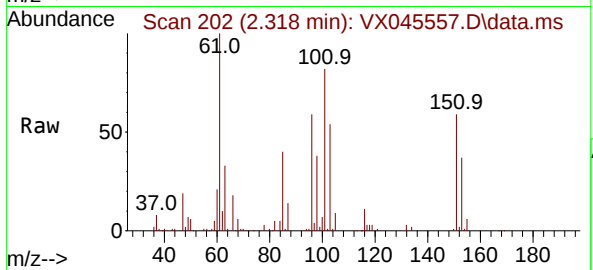
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.473 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5438
Ion Ratio Lower Upper
101 100
85 47.8 38.9 58.3
151 69.6 57.5 86.3

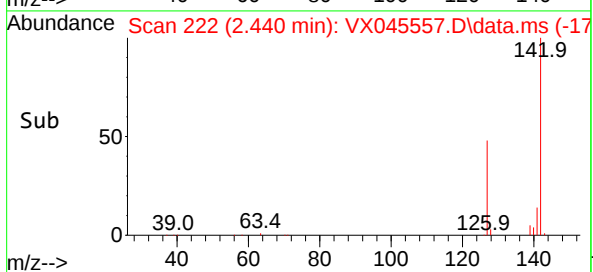
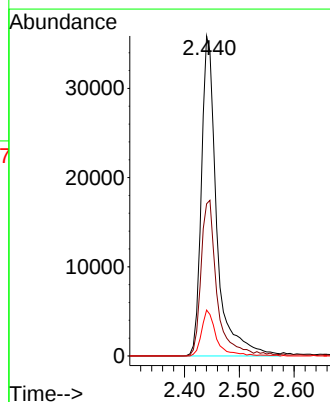
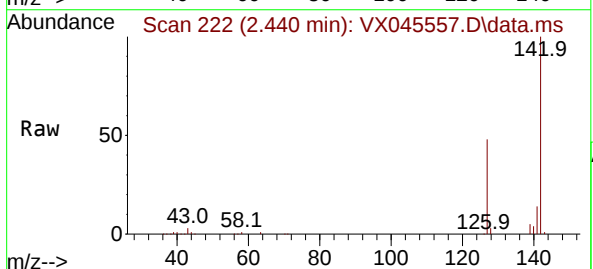
Manual Integrations
APPROVED

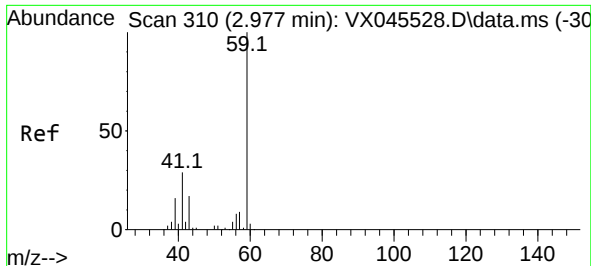
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#10
Methyl Iodide
Concen: 52.171 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion:142 Resp: 70121
Ion Ratio Lower Upper
142 100
127 50.6 40.2 60.4
141 13.7 11.7 17.5





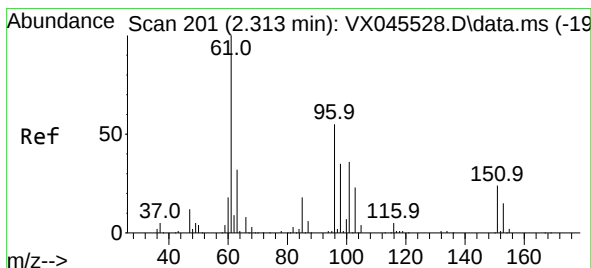
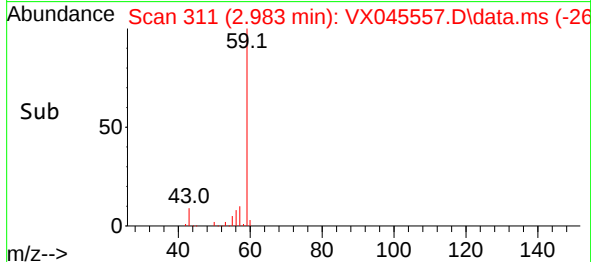
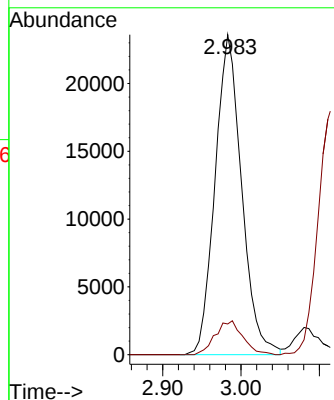
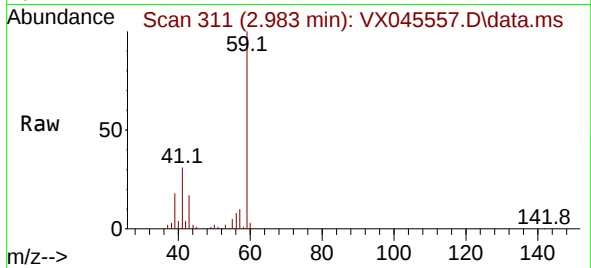
#11
Tert butyl alcohol
Concen: 257.933 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 5559
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

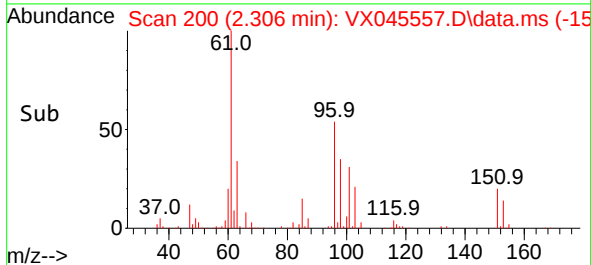
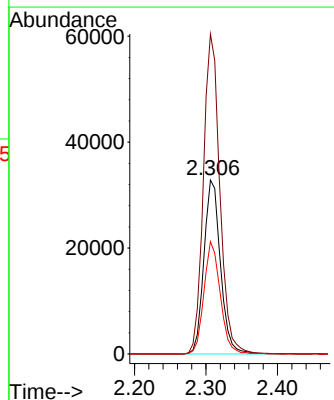
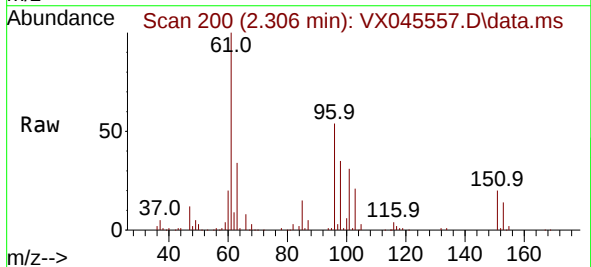
Manual Integrations
APPROVED

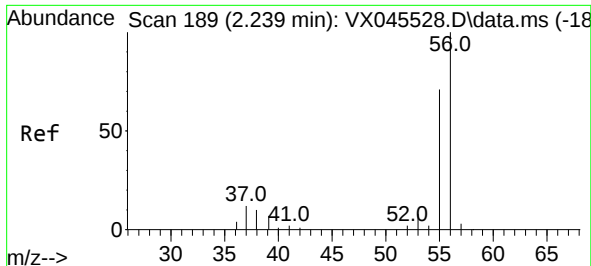
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#12
1,1-Dichloroethene
Concen: 50.257 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion: 96 Resp: 52917
Ion Ratio Lower Upper
96 100
61 184.0 145.7 218.5
98 64.6 51.6 77.4





#13

Acrolein

Concen: 257.954 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 76570

Ion Ratio Lower Upper

56 100

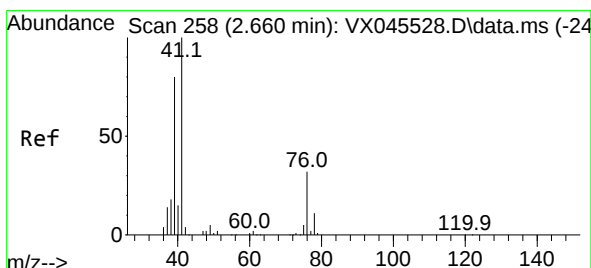
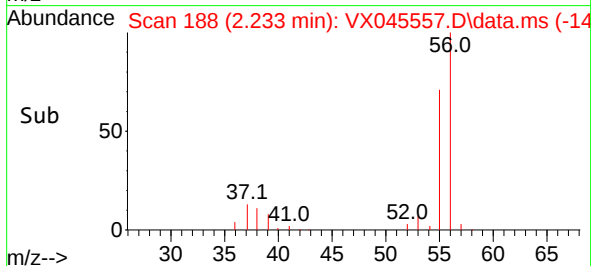
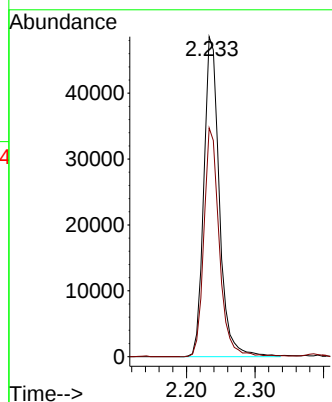
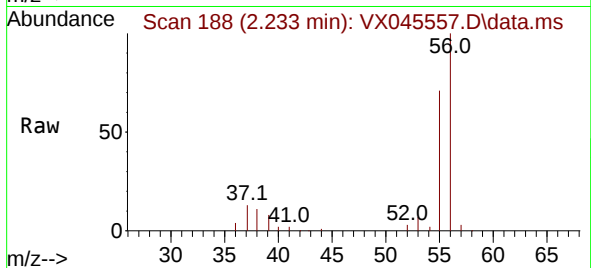
55 71.0 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#14

Allyl chloride

Concen: 51.323 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

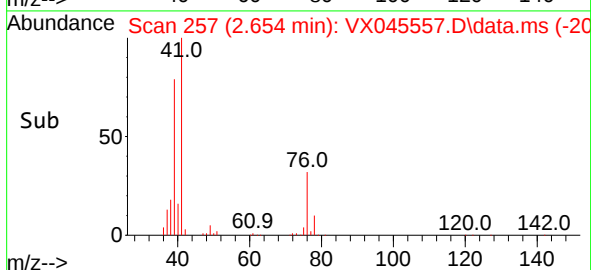
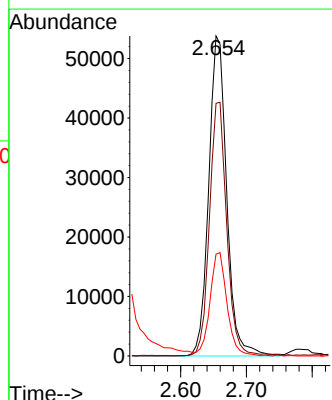
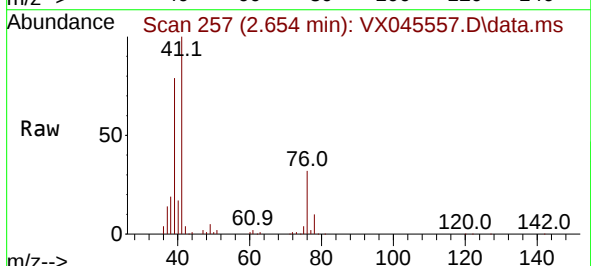
Tgt Ion: 41 Resp: 102534

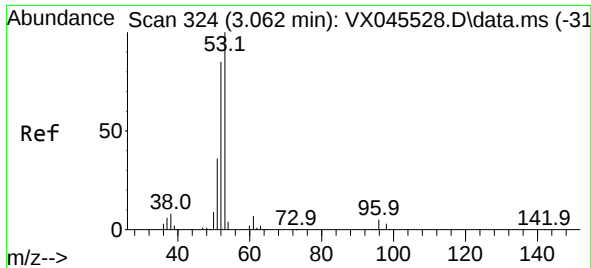
Ion Ratio Lower Upper

41 100

39 75.7 60.2 90.2

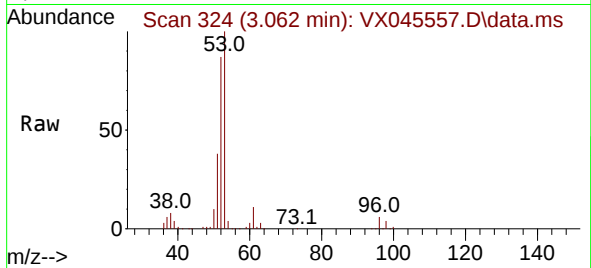
76 30.5 24.6 36.8





#15
Acrylonitrile
Concen: 264.432 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

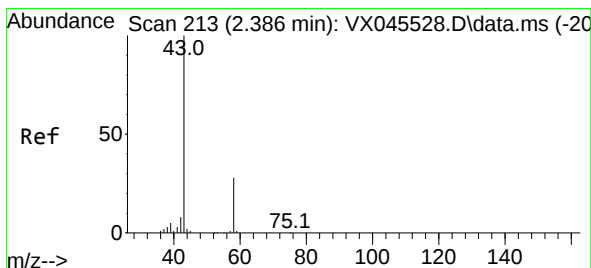
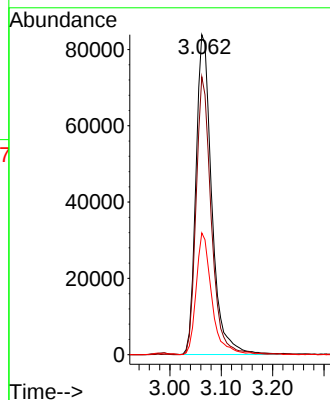
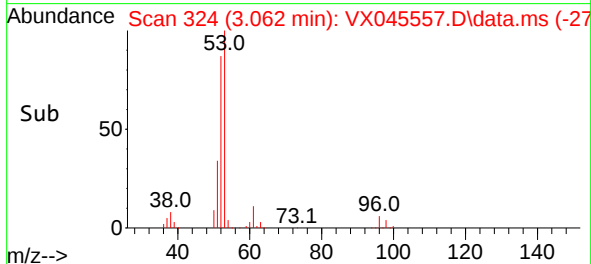
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 179928
Ion Ratio Lower Upper
53 100
52 83.7 67.4 101.2
51 37.3 29.9 44.9

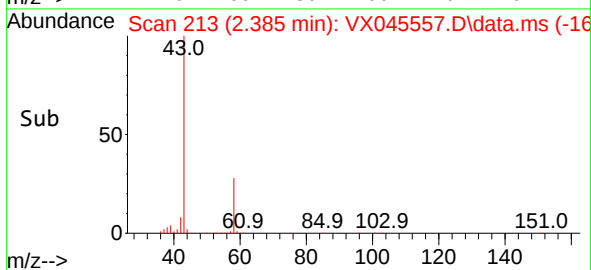
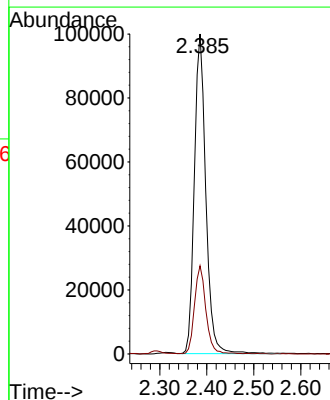
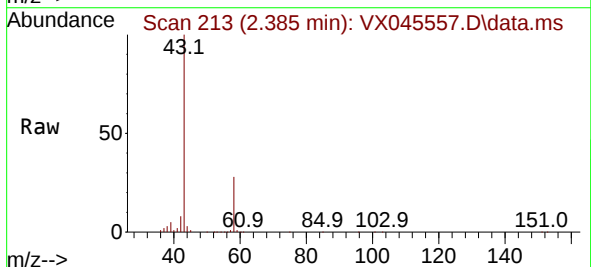
Manual Integrations
APPROVED

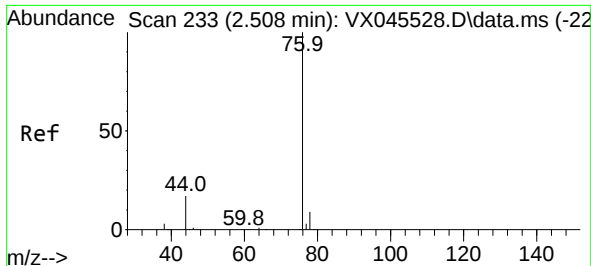
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#16
Acetone
Concen: 257.479 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion: 43 Resp: 169581
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5





#17

Carbon Disulfide

Concen: 49.835 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 129598

Ion Ratio Lower Upper

76 100

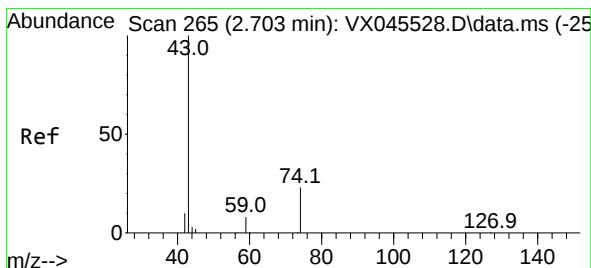
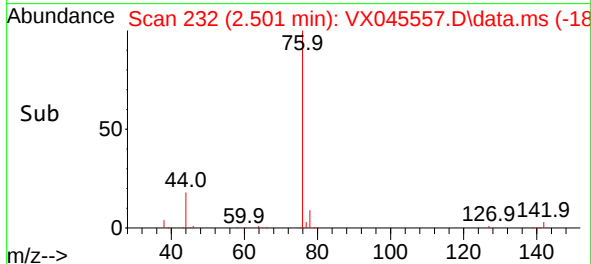
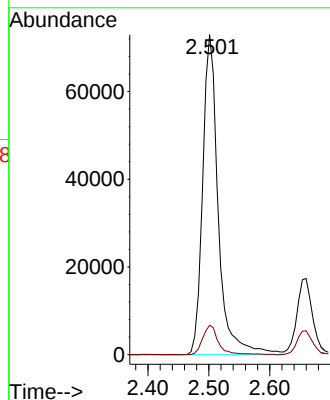
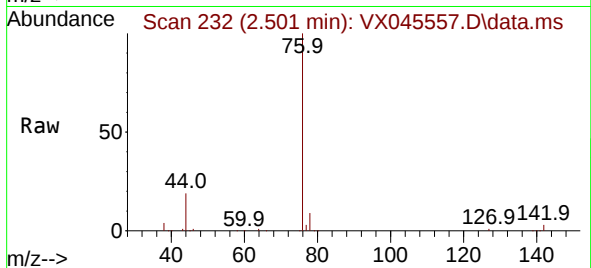
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#18

Methyl Acetate

Concen: 51.374 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045557.D

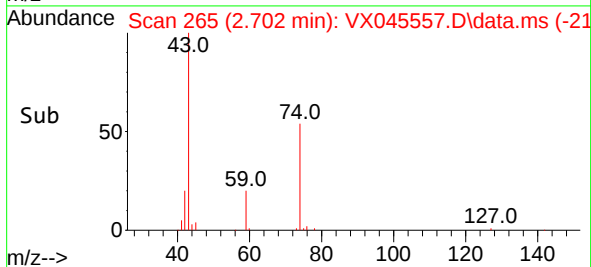
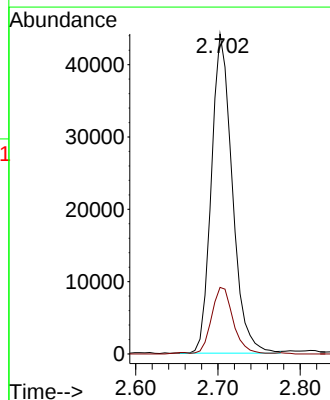
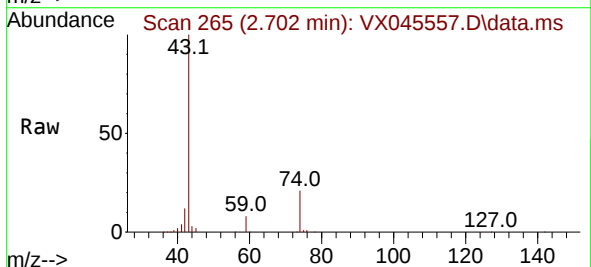
Acq: 02 Apr 2025 19:10

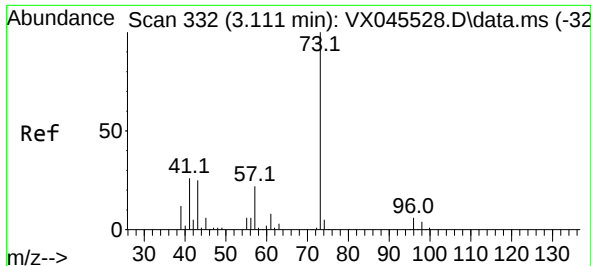
Tgt Ion: 43 Resp: 77903

Ion Ratio Lower Upper

43 100

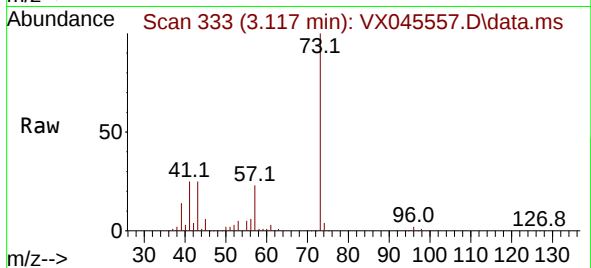
74 21.0 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 51.238 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

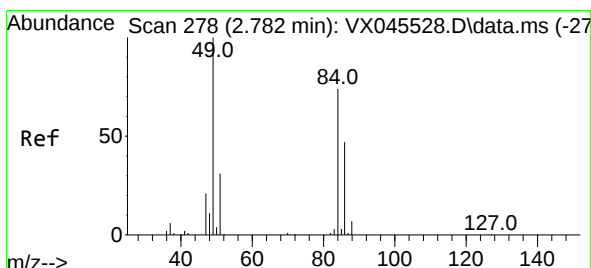
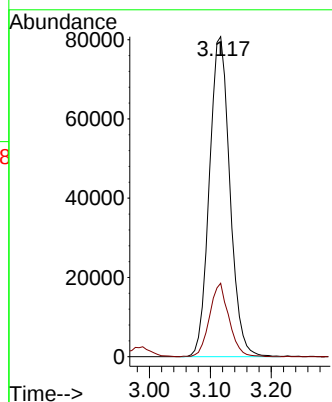
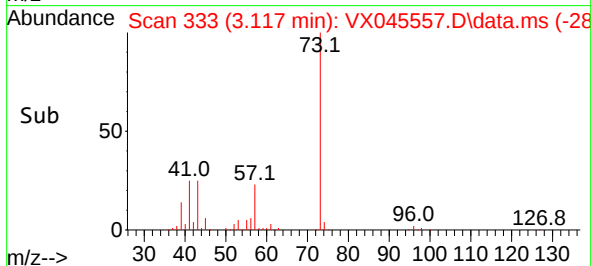
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 188720
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4

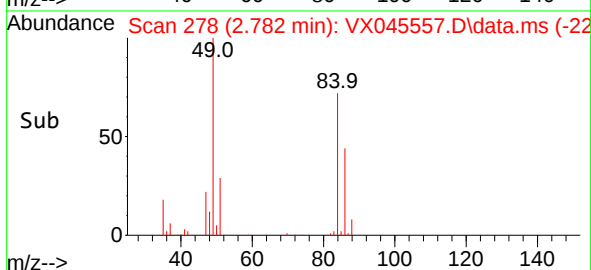
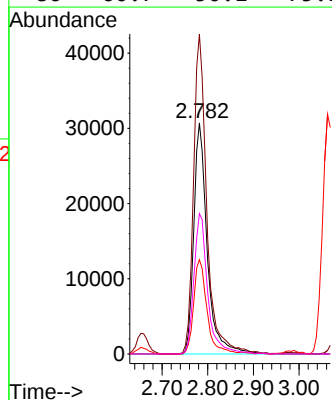
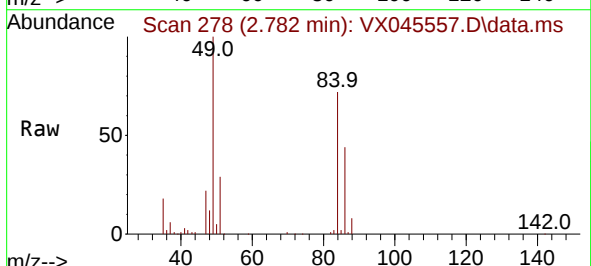
Manual Integrations
APPROVED

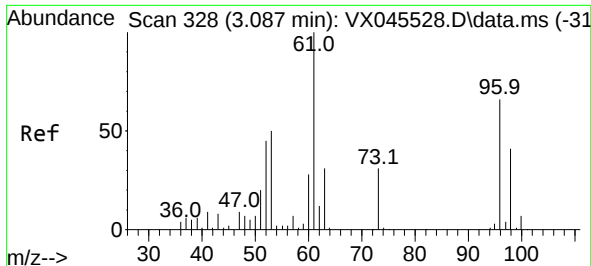
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#20
Methylene Chloride
Concen: 51.181 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

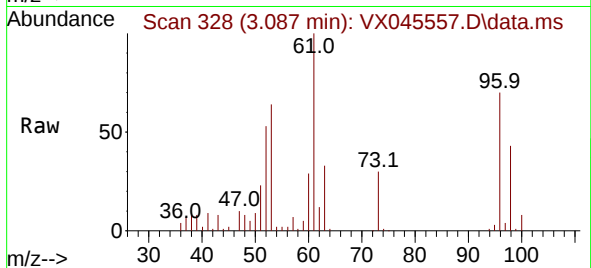
Tgt Ion: 84 Resp: 63107
Ion Ratio Lower Upper
84 100
49 138.3 107.5 161.3
51 40.8 33.0 49.6
86 60.7 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.660 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

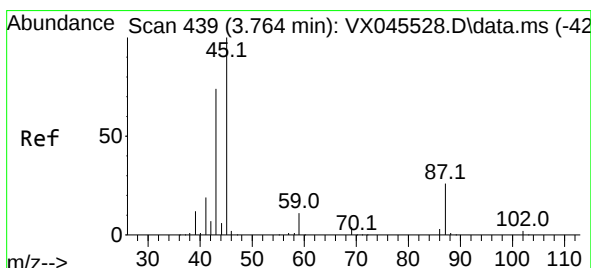
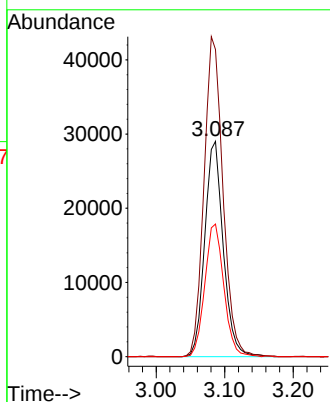
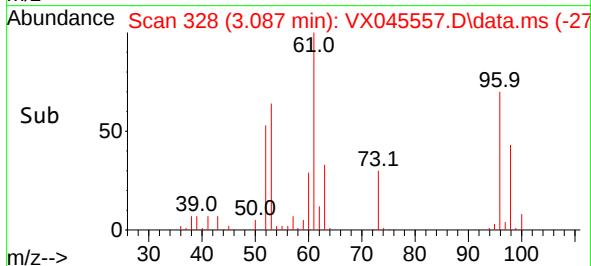
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



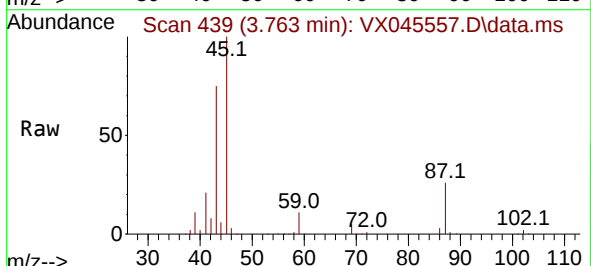
Tgt Ion: 96 Resp: 5449
Ion Ratio Lower Upper
96 100
61 142.6 121.0 181.6
98 61.6 49.7 74.5

Manual Integrations
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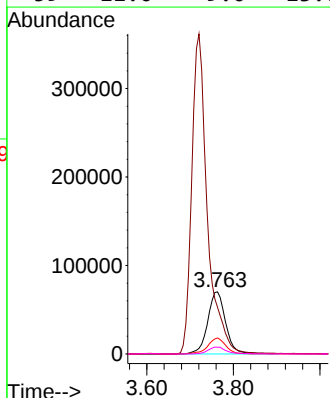
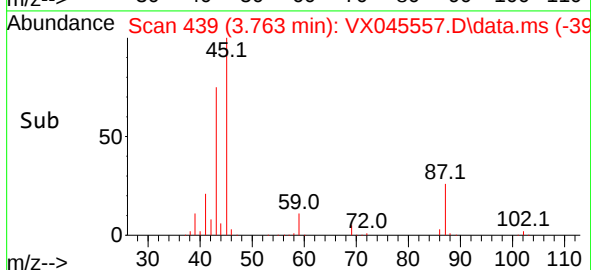
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

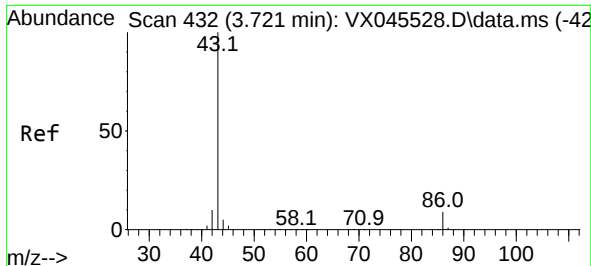


#22
Diisopropyl ether
Concen: 51.208 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



Tgt Ion: 45 Resp: 201521
Ion Ratio Lower Upper
45 100
43 74.6 59.3 88.9
87 25.8 20.4 30.6
59 11.0 9.0 13.6





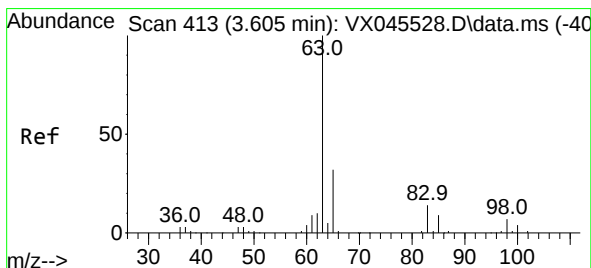
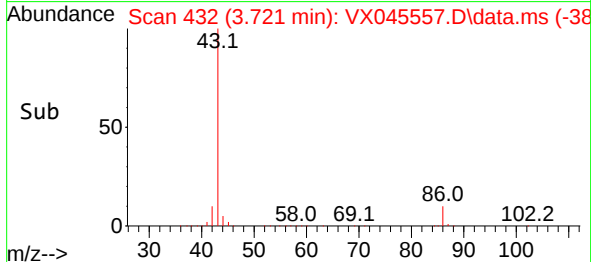
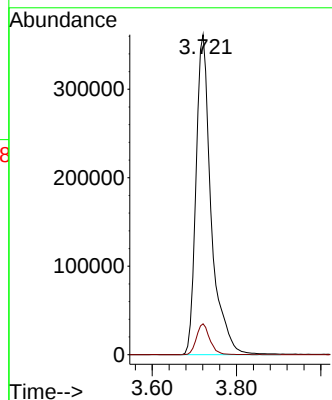
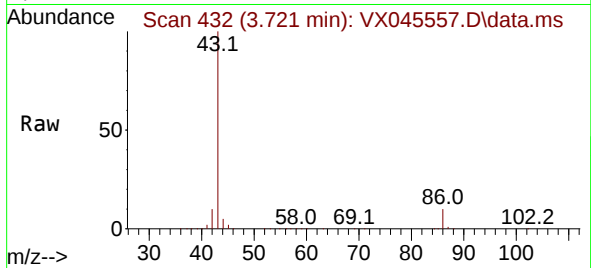
#23
 Vinyl Acetate
 Concen: 266.929 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045557.D
 Acq: 02 Apr 2025 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 90759
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

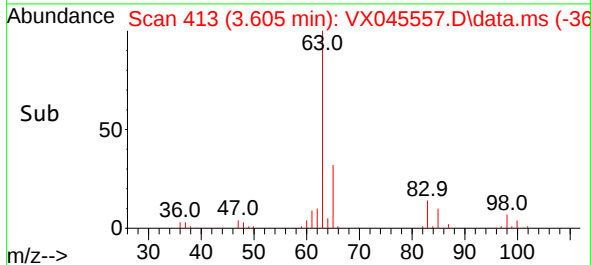
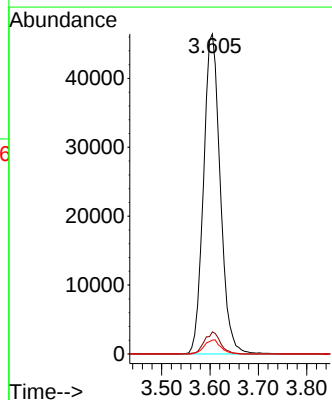
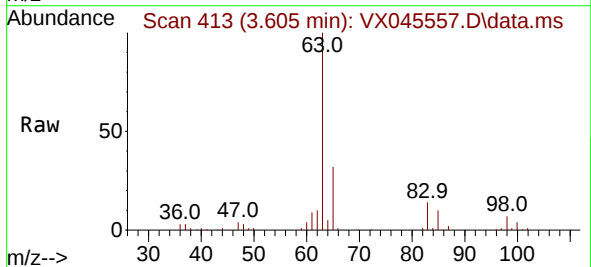
Manual Integrations
 APPROVED

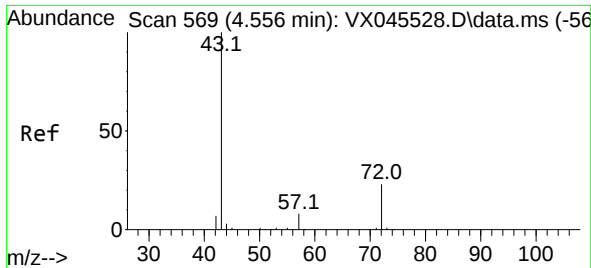
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#24
 1,1-Dichloroethane
 Concen: 50.233 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045557.D
 Acq: 02 Apr 2025 19:10

Tgt Ion: 63 Resp: 111798
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 268.886 ug/l

RT: 4.556 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 259229

Ion Ratio Lower Upper

43 100

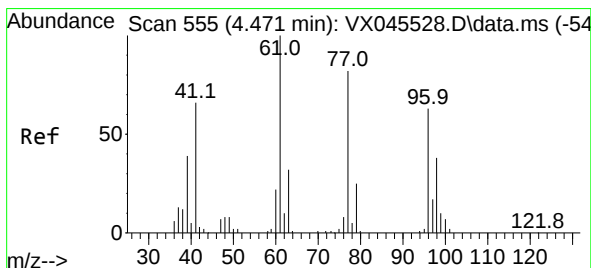
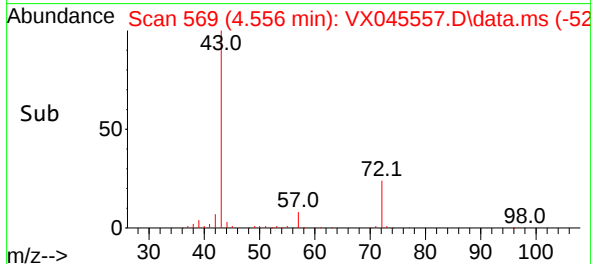
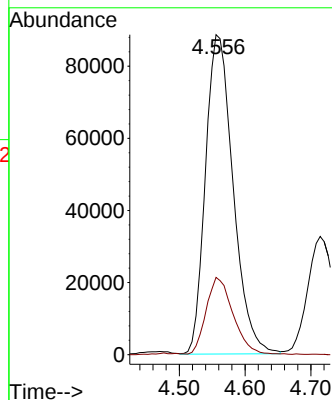
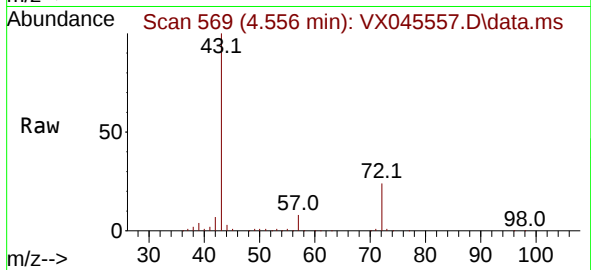
72 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#26

2,2-Dichloropropane

Concen: 49.326 ug/l

RT: 4.464 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045557.D

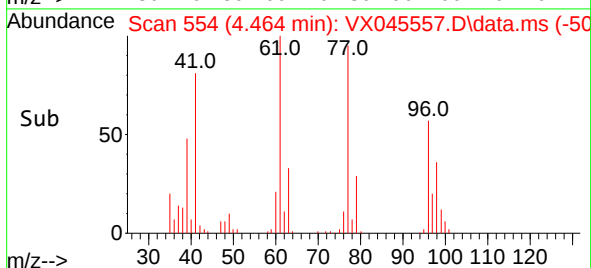
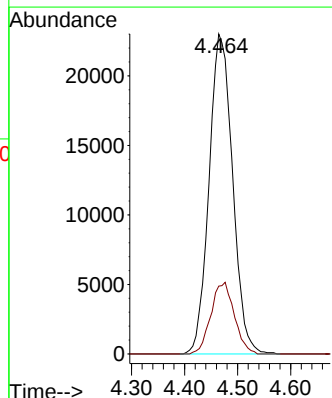
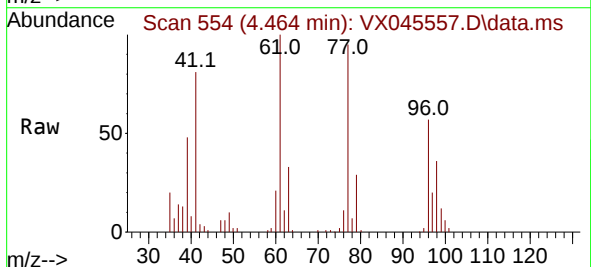
Acq: 02 Apr 2025 19:10

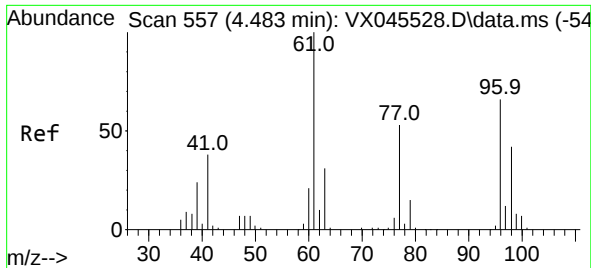
Tgt Ion: 77 Resp: 70928

Ion Ratio Lower Upper

77 100

97 22.3 10.6 31.8





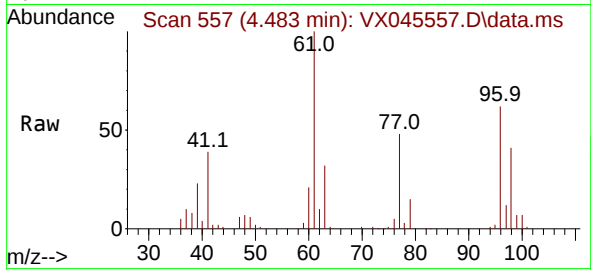
#27
 cis-1,2-Dichloroethene
 Concen: 49.555 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045557.D
 Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



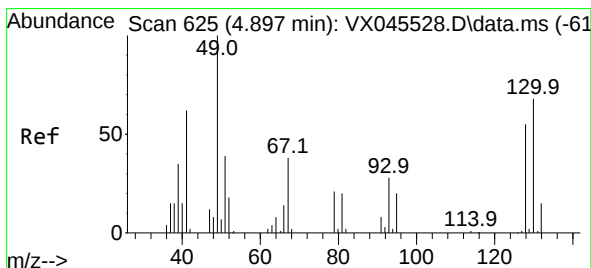
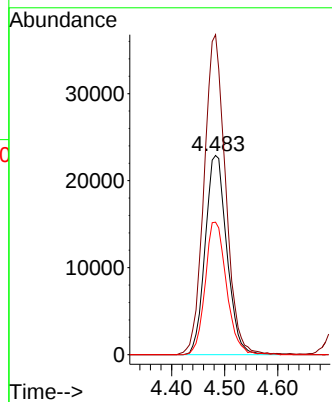
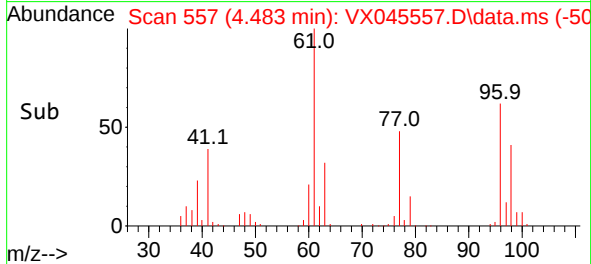
Tgt Ion: 96 Resp: 64944
 Ion Ratio Lower Upper
 96 100
 61 159.8 0.0 313.2
 98 65.5 0.0 126.4

Manual Integrations

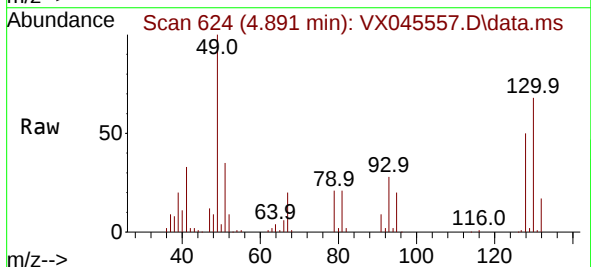
APPROVED

Reviewed By :John Carlone 04/03/2025

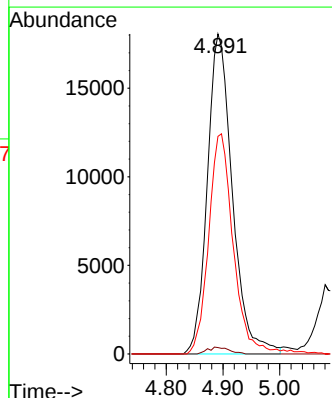
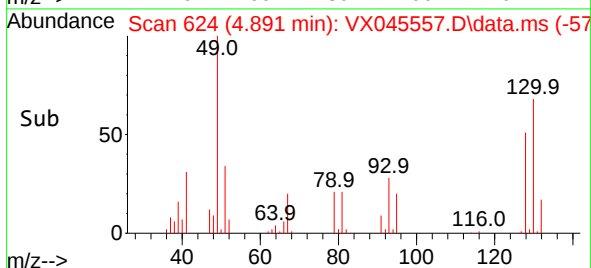
Supervised By :Mahesh Dadoda 04/03/2025

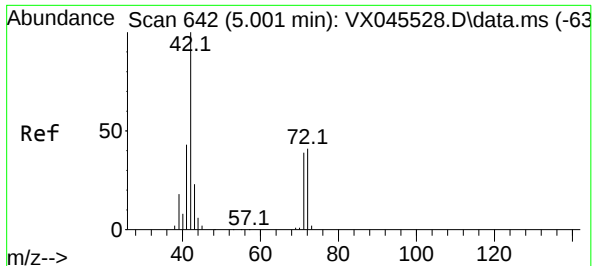


#28
 Bromochloromethane
 Concen: 51.609 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045557.D
 Acq: 02 Apr 2025 19:10



Tgt Ion: 49 Resp: 55506
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 68.0 54.6 81.8





#29

Tetrahydrofuran

Concen: 262.909 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 16433

Ion Ratio Lower Upper

42 100

72 42.2 33.4 50.0

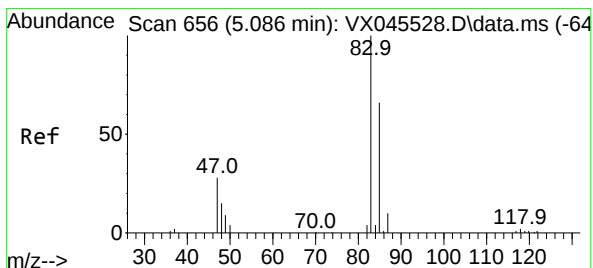
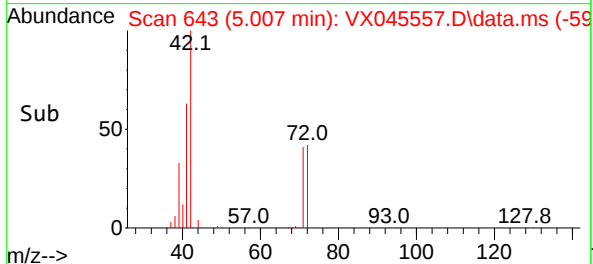
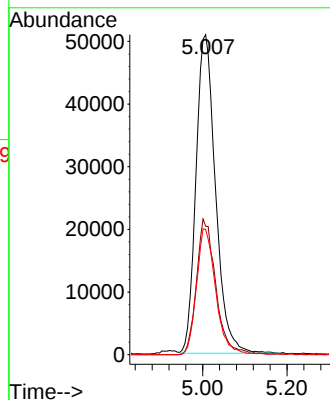
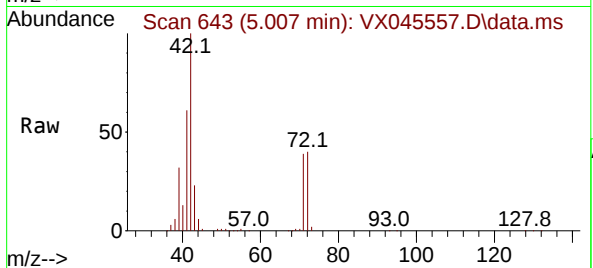
71 38.6 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#30

Chloroform

Concen: 50.972 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045557.D

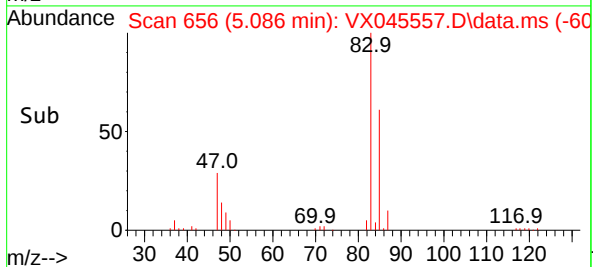
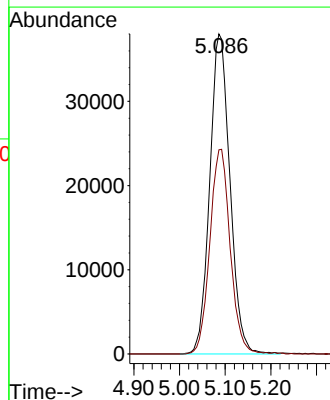
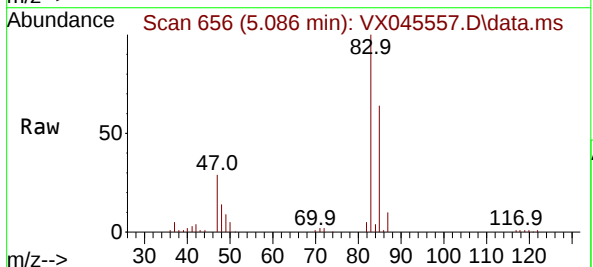
Acq: 02 Apr 2025 19:10

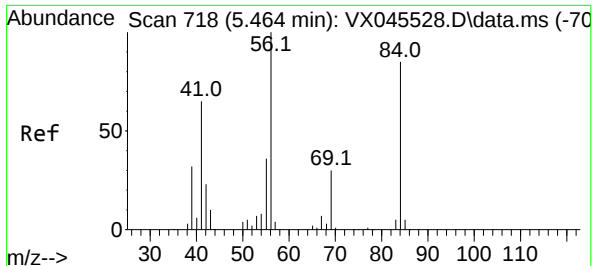
Tgt Ion: 83 Resp: 116730

Ion Ratio Lower Upper

83 100

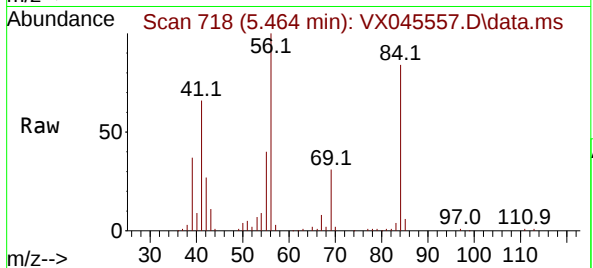
85 63.8 52.8 79.2





#31
Cyclohexane
Concen: 50.136 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

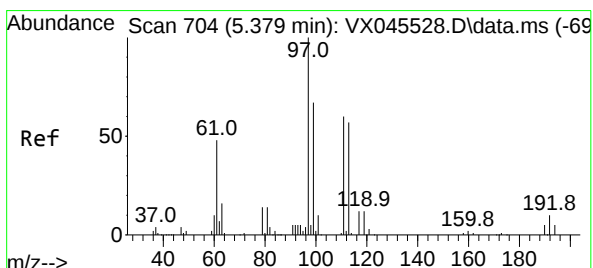
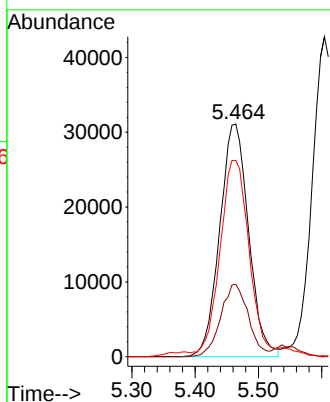
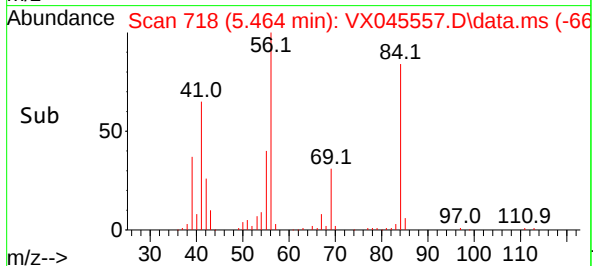
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



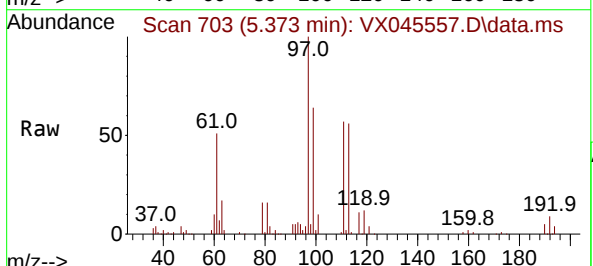
Tgt Ion: 56 Resp: 98644
Ion Ratio Lower Upper
56 100
69 31.1 23.6 35.4
84 82.7 67.7 101.5

Manual Integrations
APPROVED

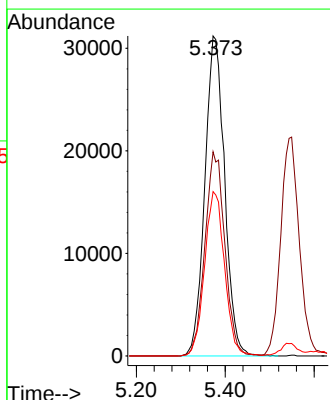
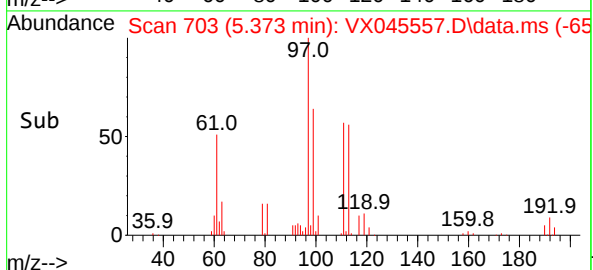
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

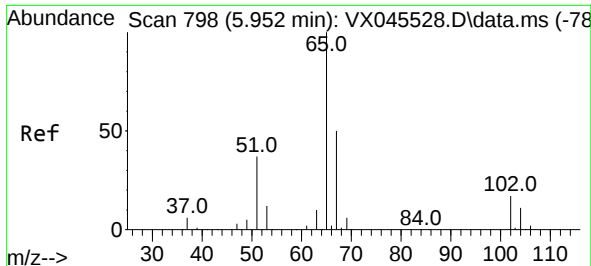


#32
1,1,1-Trichloroethane
Concen: 49.801 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



Tgt Ion: 97 Resp: 96504
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 52.1 41.0 61.4





#33
1,2-Dichloroethane-d4
Concen: 52.739 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

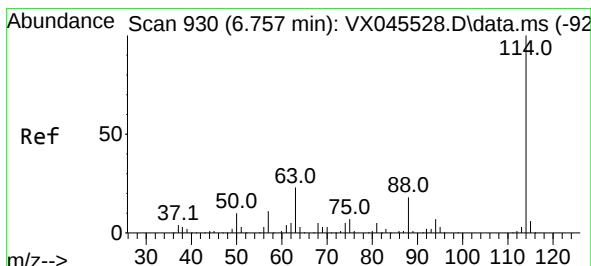
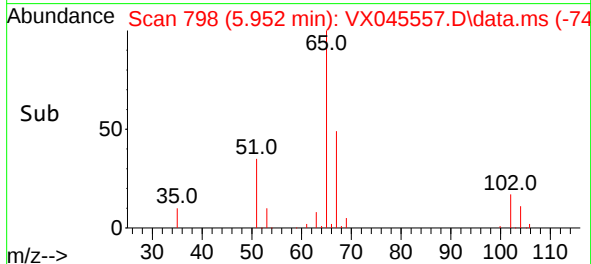
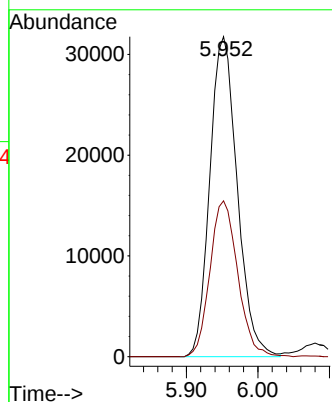
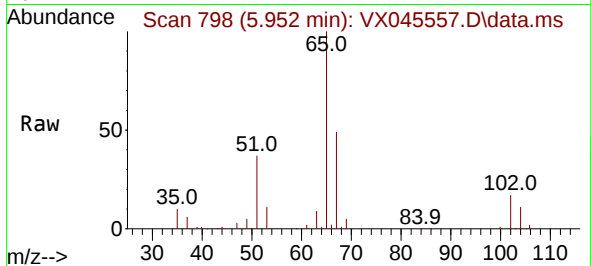
VSTDCCC050EC

Tgt Ion: 65 Resp: 84589
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

Manual Integrations

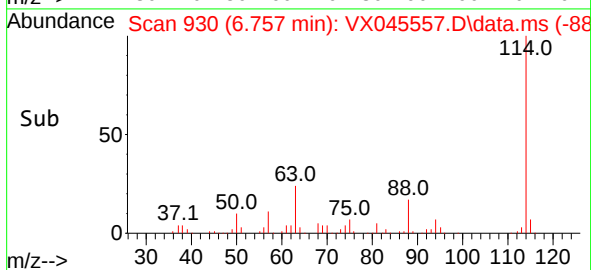
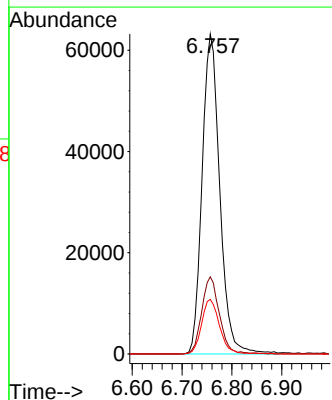
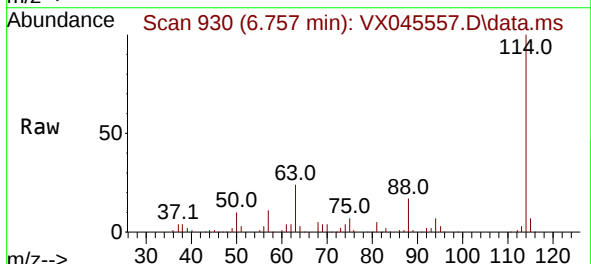
APPROVED

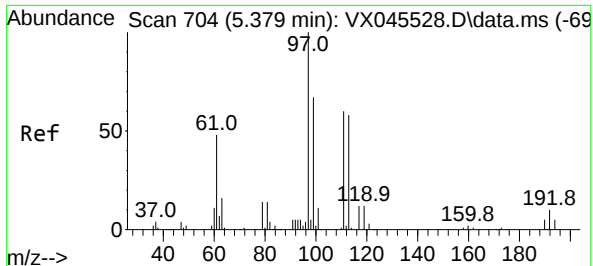
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion:114 Resp: 155602
Ion Ratio Lower Upper
114 100
63 24.1 0.0 46.8
88 17.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.918 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

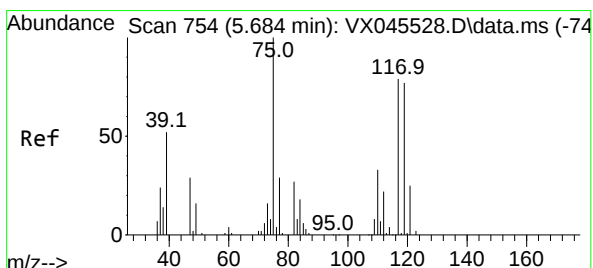
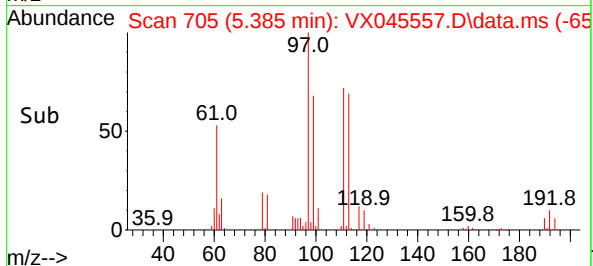
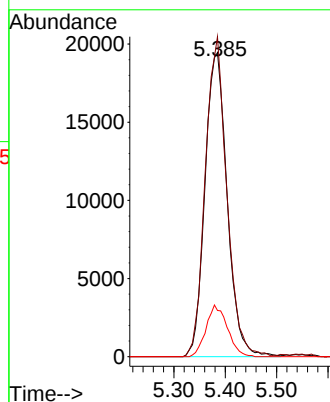
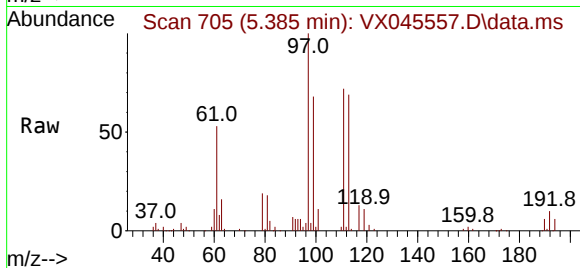
Tgt Ion:	113	Resp:	5842
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.8	122.6
192	16.3	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#36

1,1-Dichloropropene

Concen: 50.727 ug/l

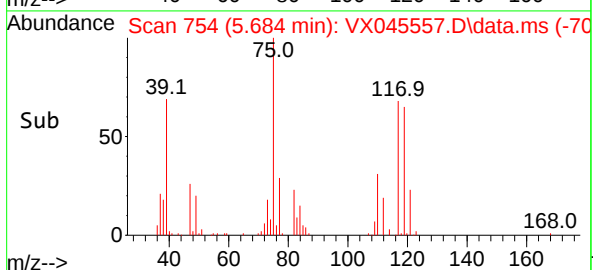
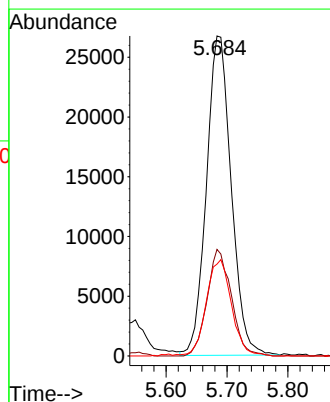
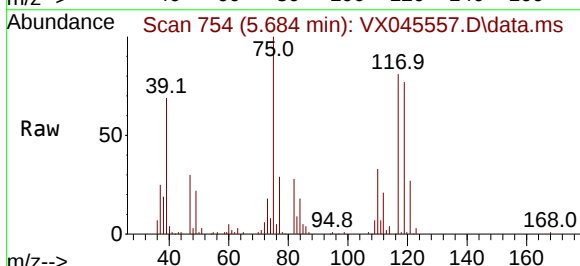
RT: 5.684 min Scan# 754

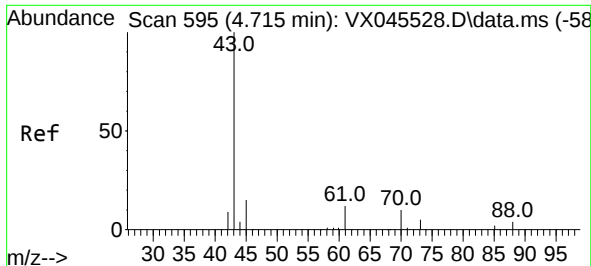
Delta R.T. -0.000 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

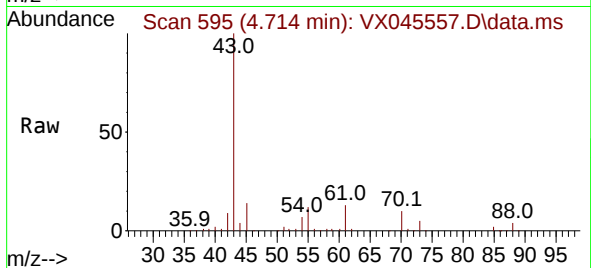
Tgt Ion:	75	Resp:	75614
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.9	50.6
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 52.292 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

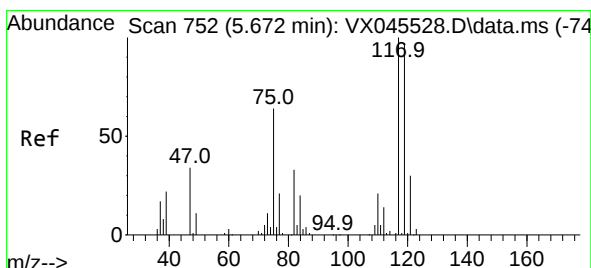
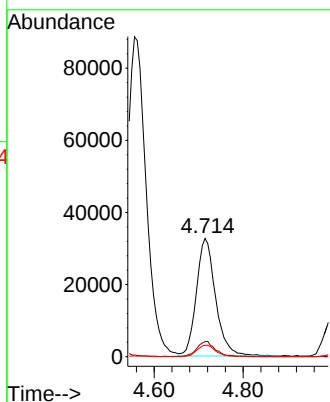
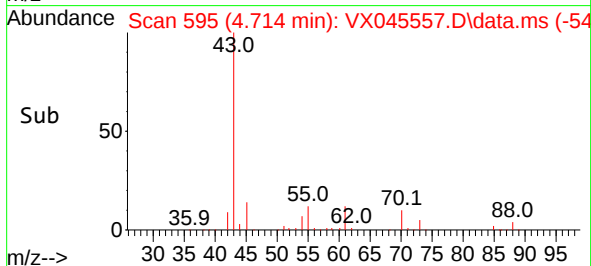
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 98230
Ion Ratio Lower Upper
43 100
61 11.9 9.9 14.9
70 9.6 7.5 11.3

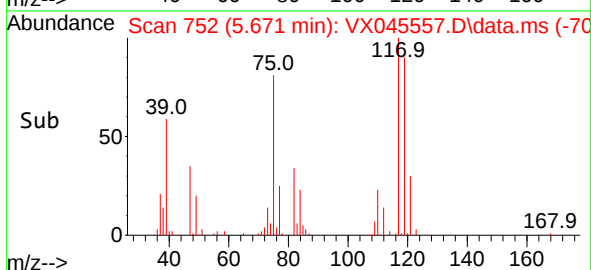
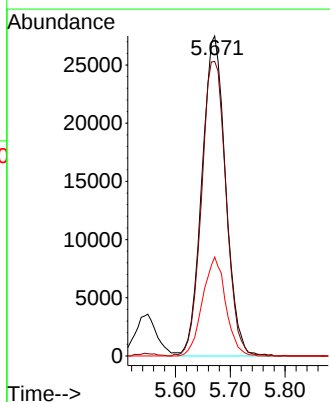
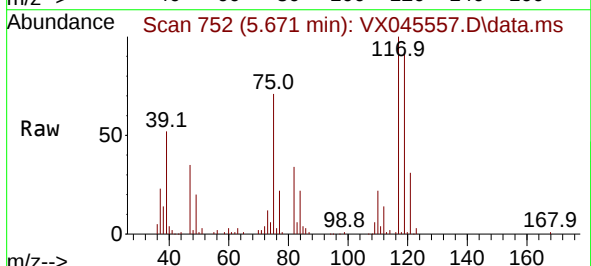
Manual Integrations
APPROVED

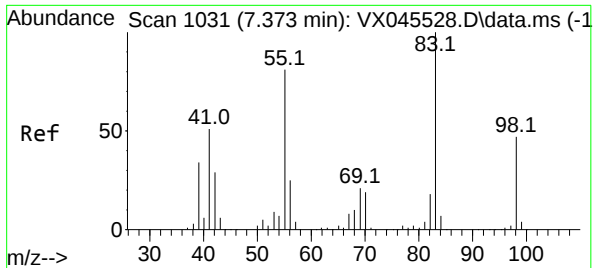
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#38
Carbon Tetrachloride
Concen: 51.181 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

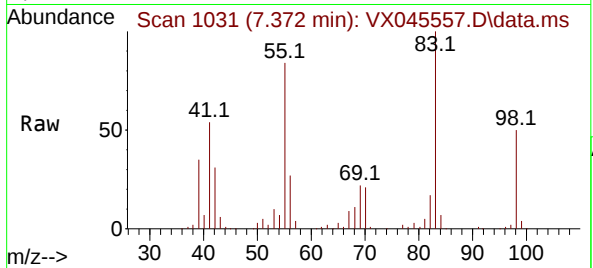
Tgt Ion:117 Resp: 82453
Ion Ratio Lower Upper
117 100
119 92.1 76.9 115.3
121 30.9 24.2 36.2





#39
Methylcyclohexane
Concen: 51.949 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

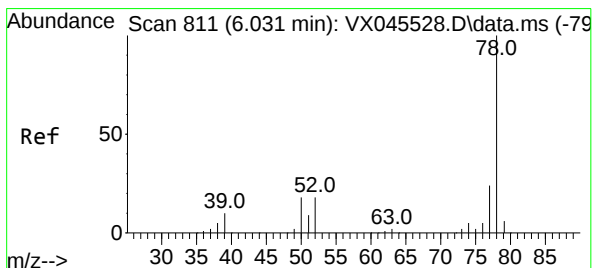
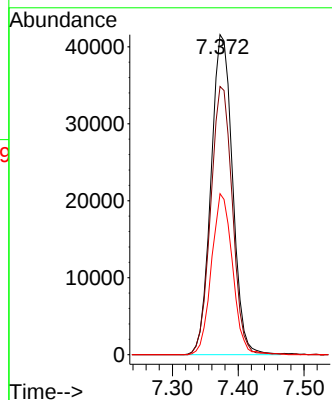
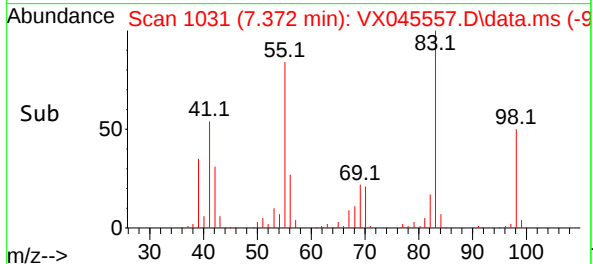
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



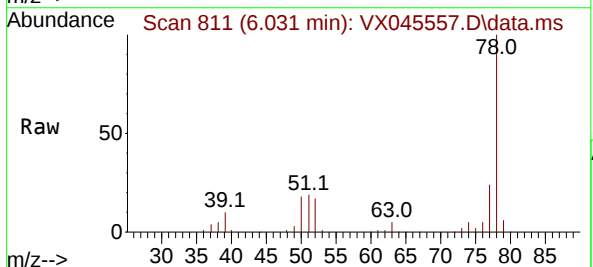
Tgt Ion: 83 Resp: 9492
Ion Ratio Lower Upper
83 100
55 83.8 64.9 97.3
98 50.3 37.4 56.0

Manual Integrations
APPROVED

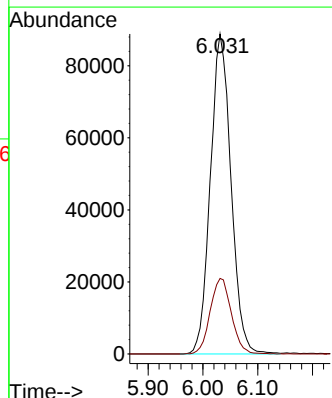
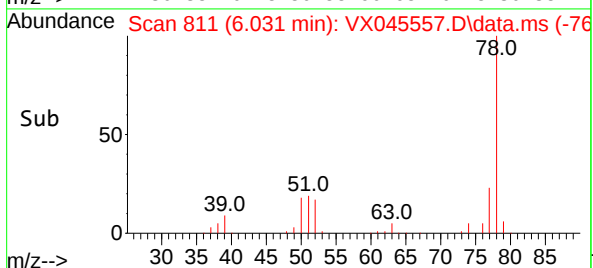
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

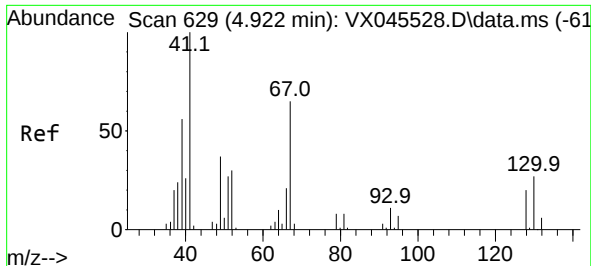


#40
Benzene
Concen: 51.000 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



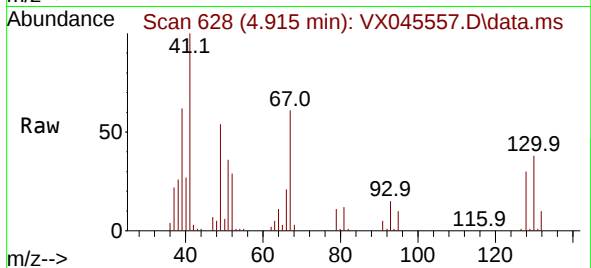
Tgt Ion: 78 Resp: 232178
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 56.145 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

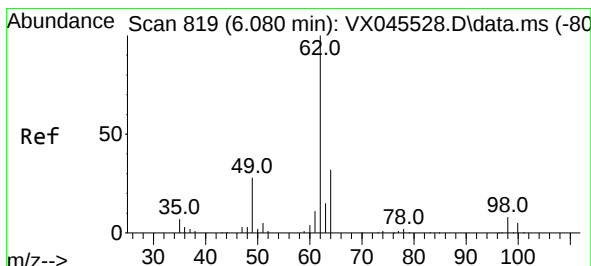
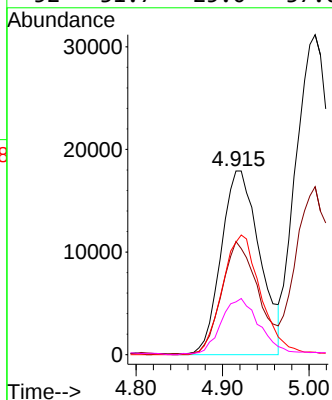
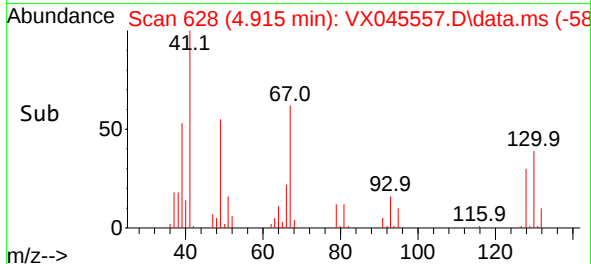
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	5564
Ion Ratio	100	Lower	Upper
39	58.0	47.0	70.6
67	64.8	53.2	79.8
52	31.7	25.0	37.6

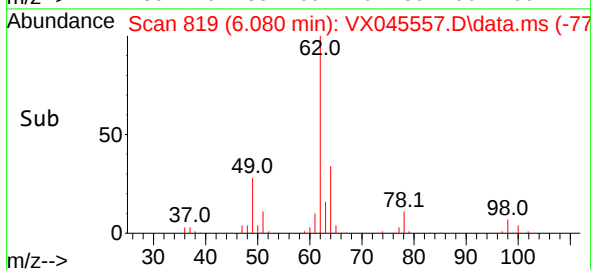
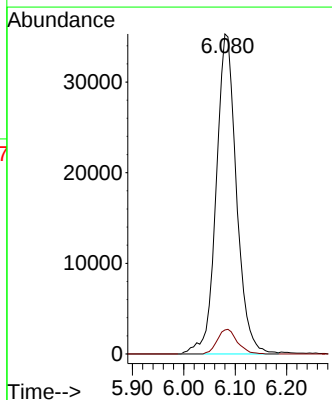
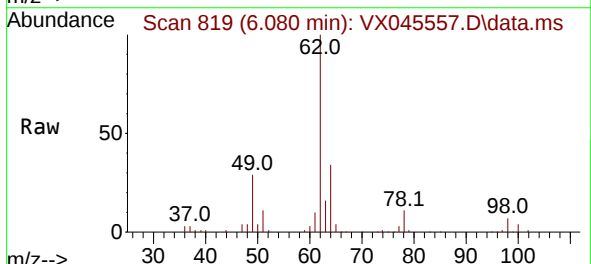
Manual Integrations
APPROVED

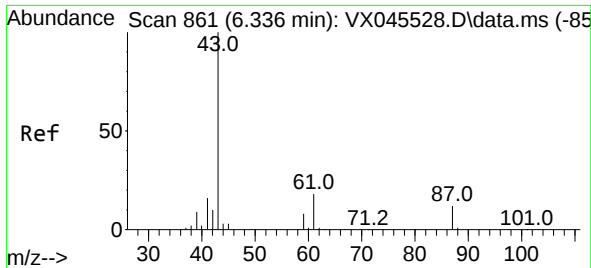
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#42
1,2-Dichloroethane
Concen: 51.479 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

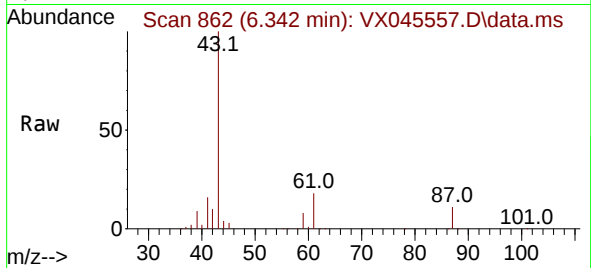
Tgt Ion:	62	Resp:	96796
Ion Ratio	100	Lower	Upper
98	7.6	0.0	15.2





#43
Isopropyl Acetate
Concen: 52.535 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

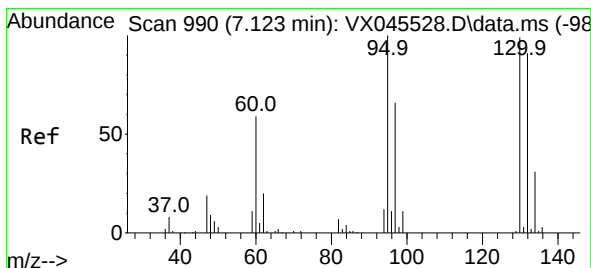
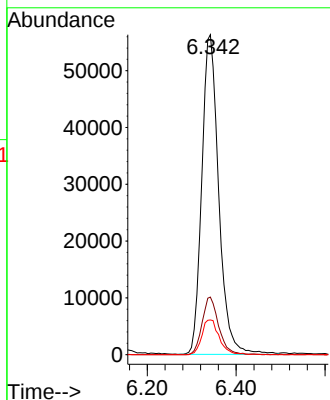
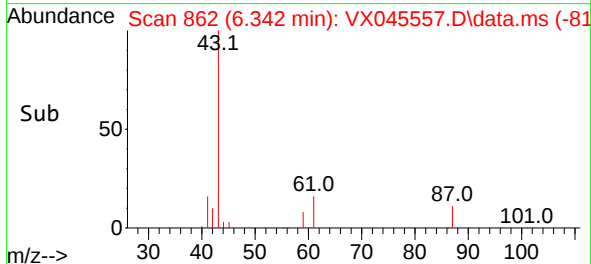
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14957
Ion Ratio Lower Upper
43 100
61 17.6 14.1 21.1
87 11.1 9.2 13.8

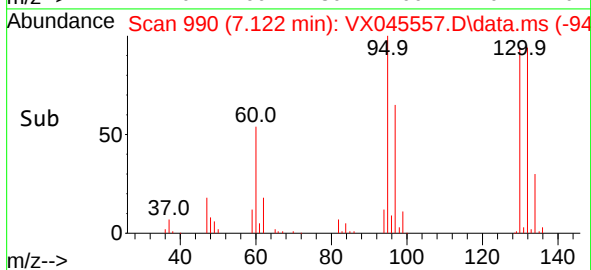
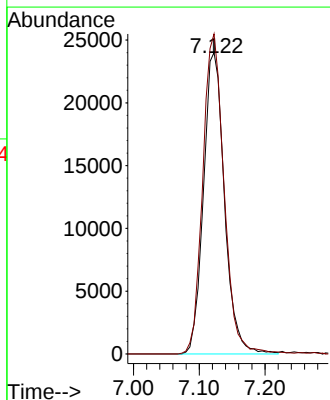
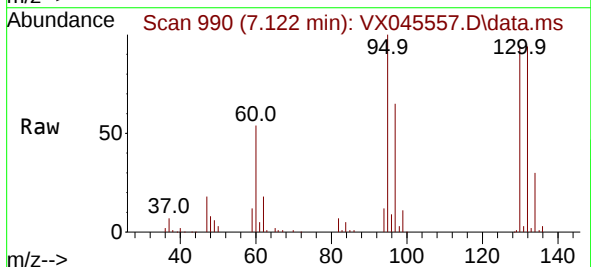
Manual Integrations
APPROVED

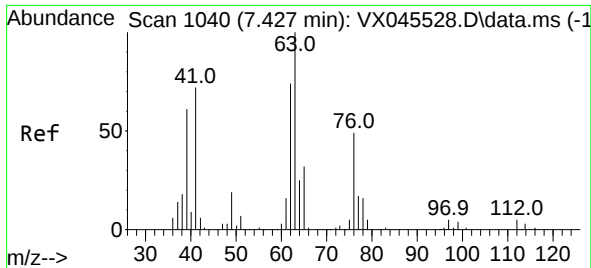
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#44
Trichloroethene
Concen: 49.334 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

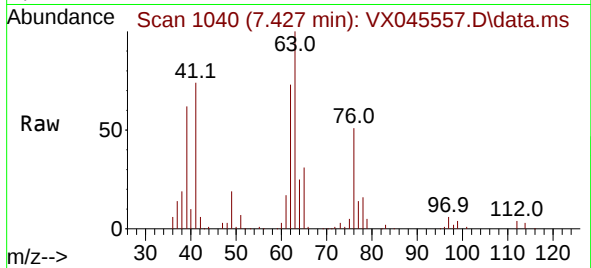
Tgt Ion:130 Resp: 53382
Ion Ratio Lower Upper
130 100
95 106.2 0.0 202.0





#45
1,2-Dichloropropane
Concen: 51.524 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

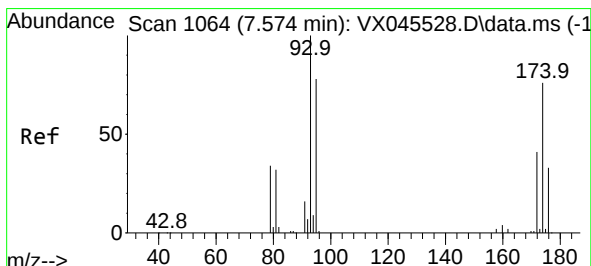
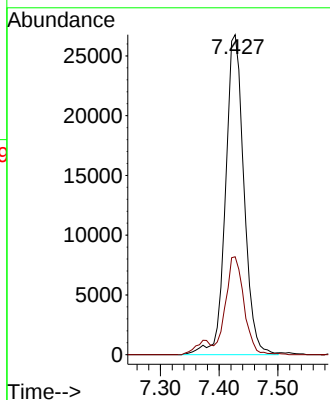
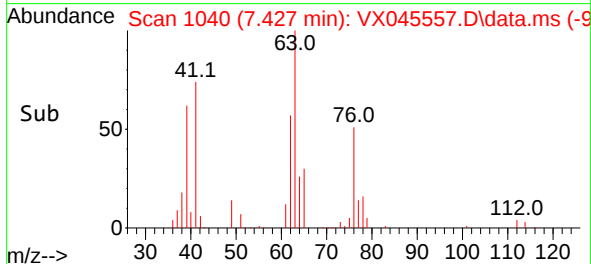
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 5852
Ion Ratio Lower Upper
63 100
65 30.6 25.8 38.6

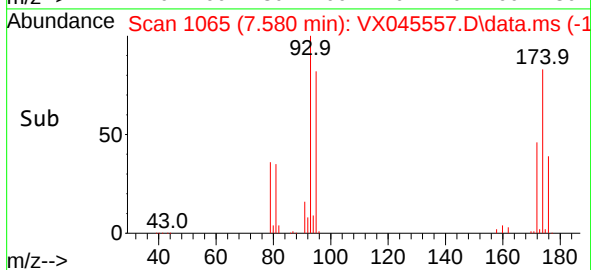
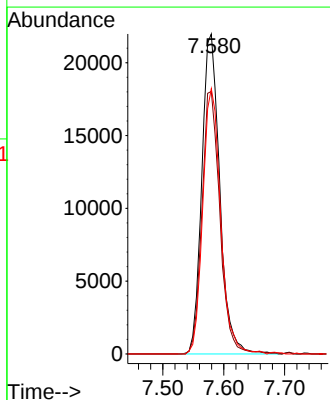
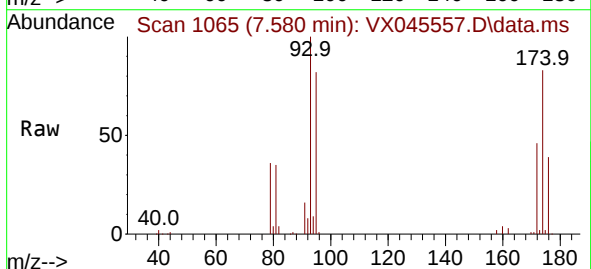
Manual Integrations
APPROVED

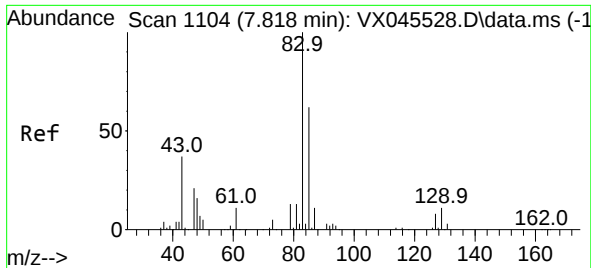
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#46
Dibromomethane
Concen: 51.609 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

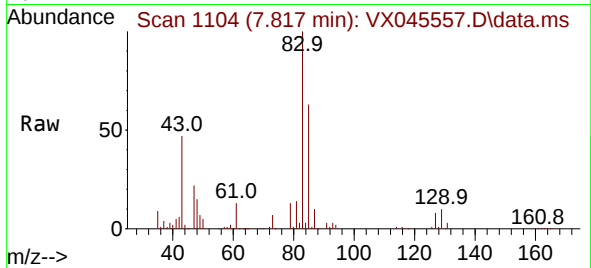
Tgt Ion: 93 Resp: 45001
Ion Ratio Lower Upper
93 100
95 82.3 64.8 97.2
174 82.8 65.4 98.0





#47
Bromodichloromethane
Concen: 51.774 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

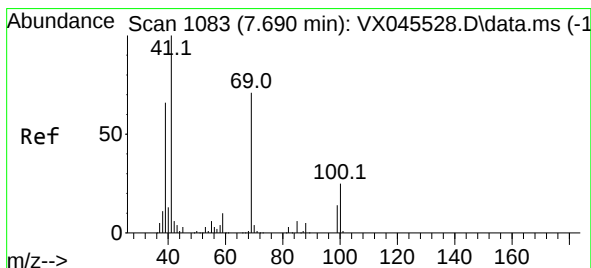
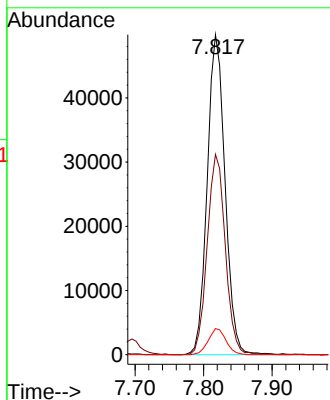
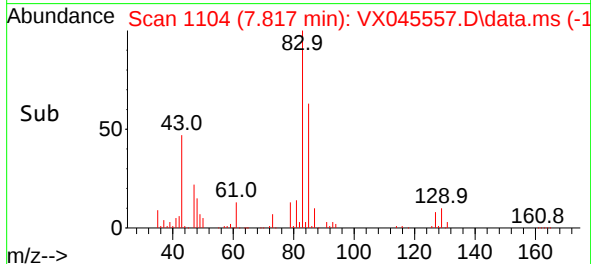
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 90150
Ion Ratio Lower Upper
83 100
85 62.6 49.7 74.5
127 8.1 6.1 9.1

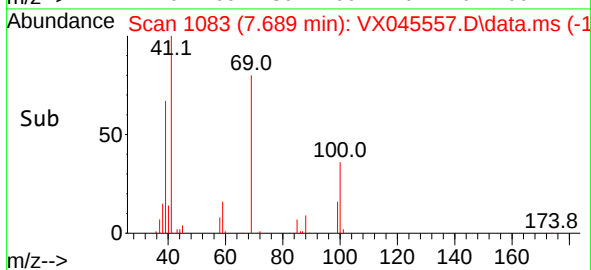
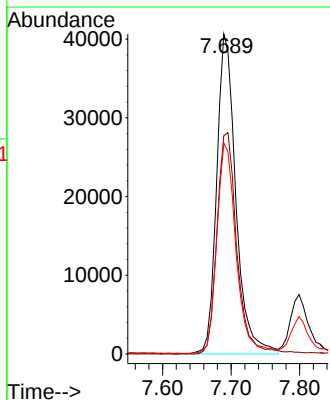
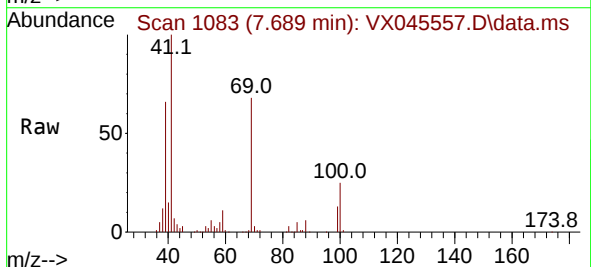
Manual Integrations
APPROVED

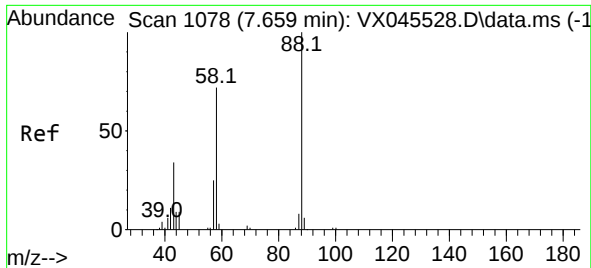
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#48
Methyl methacrylate
Concen: 53.685 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

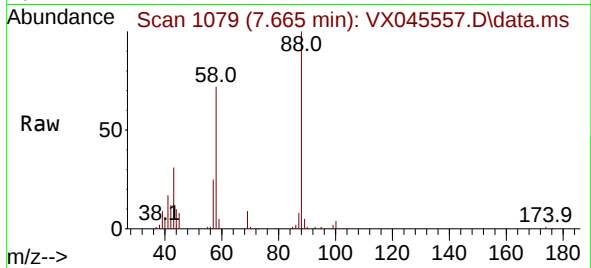
Tgt Ion: 41 Resp: 78917
Ion Ratio Lower Upper
41 100
69 71.7 58.2 87.2
39 66.1 53.6 80.4





#49
1,4-Dioxane
Concen: 1014.952 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

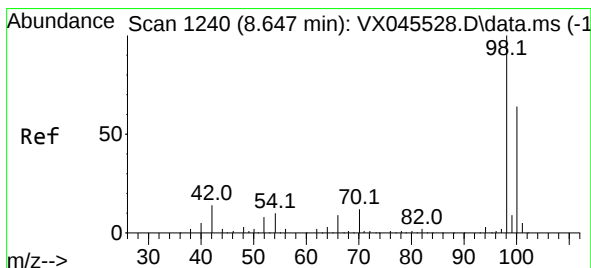
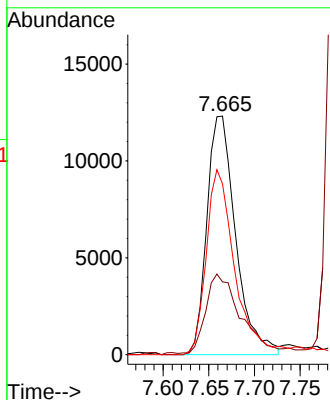
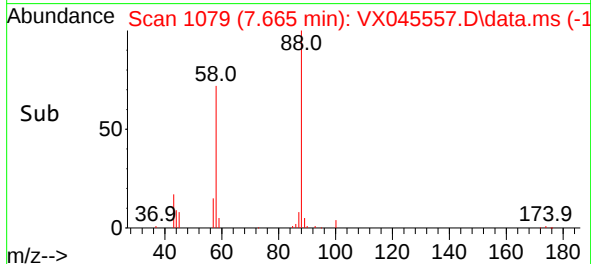
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 26994
Ion Ratio Lower Upper
88 100
43 40.6 32.2 48.4
58 76.6 58.6 88.0

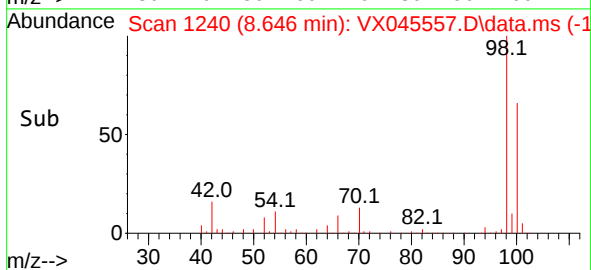
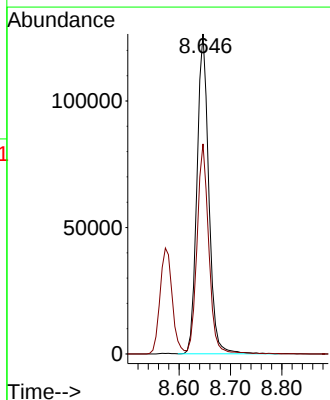
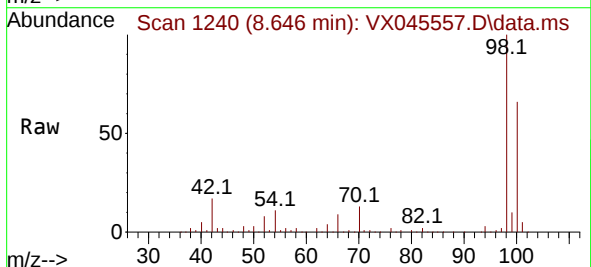
Manual Integrations
APPROVED

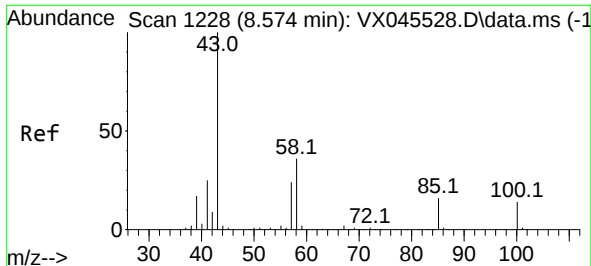
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#50
Toluene-d8
Concen: 52.401 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

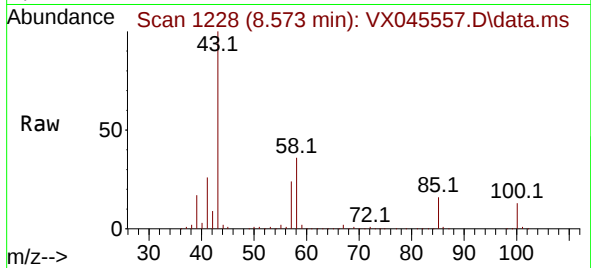
Tgt Ion: 98 Resp: 201922
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 272.416 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

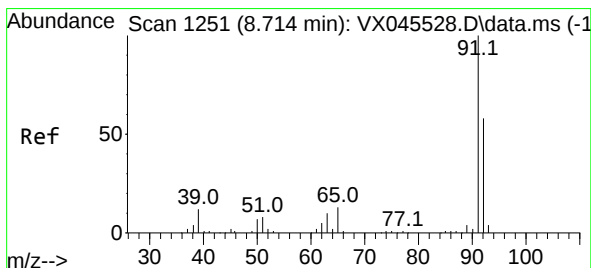
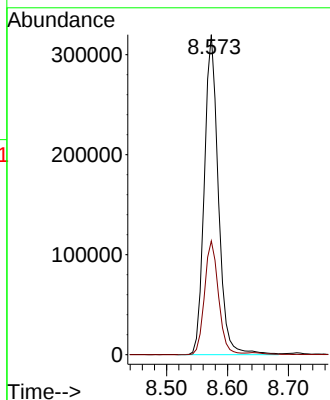
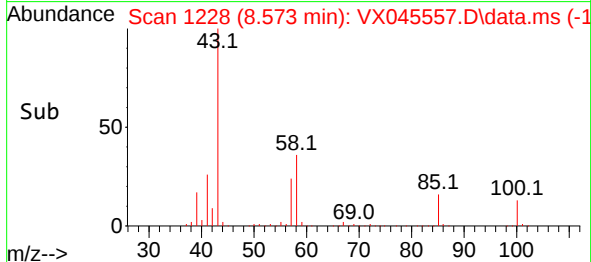
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 514150
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7

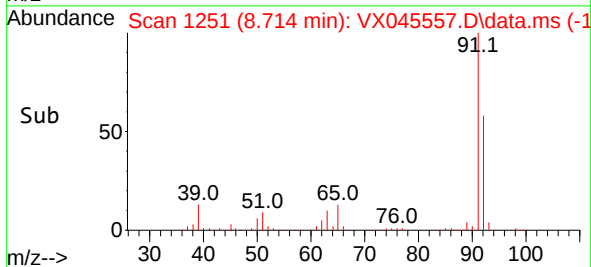
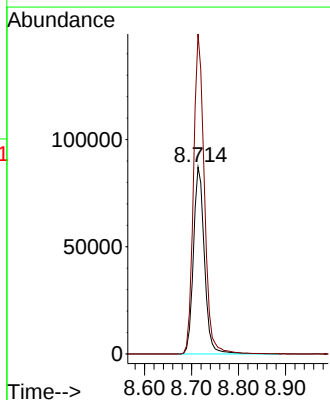
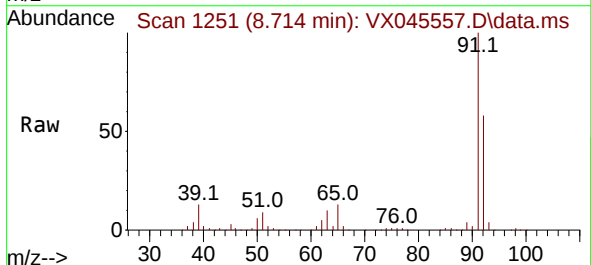
Manual Integrations
APPROVED

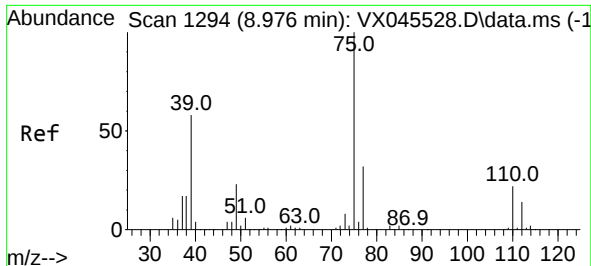
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#52
Toluene
Concen: 51.687 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion: 92 Resp: 142383
Ion Ratio Lower Upper
92 100
91 169.8 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 46.279 ug/l

RT: 8.976 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 77198

Ion Ratio Lower Upper

75 100

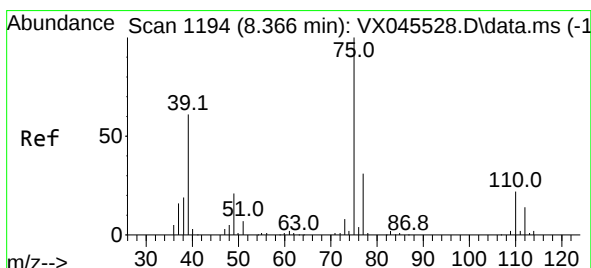
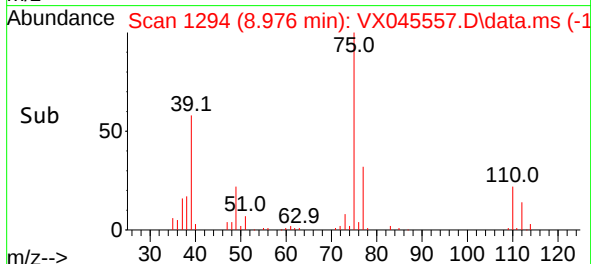
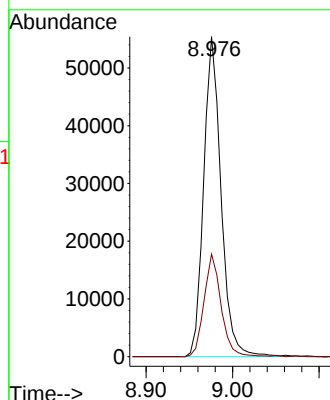
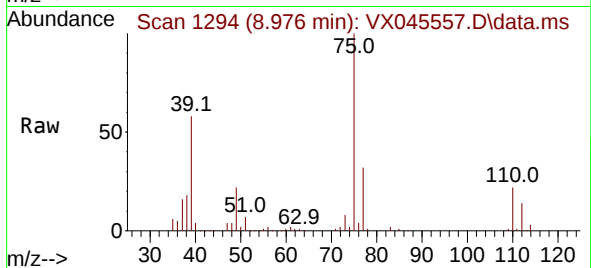
77 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#54

cis-1,3-Dichloropropene

Concen: 53.016 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

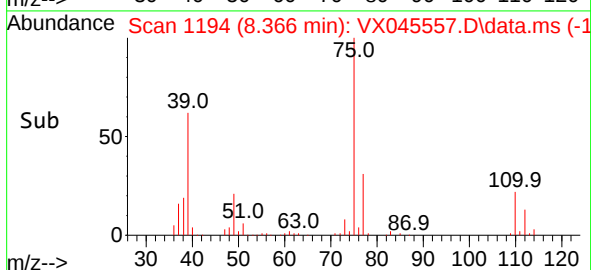
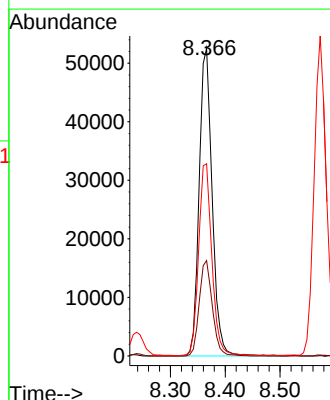
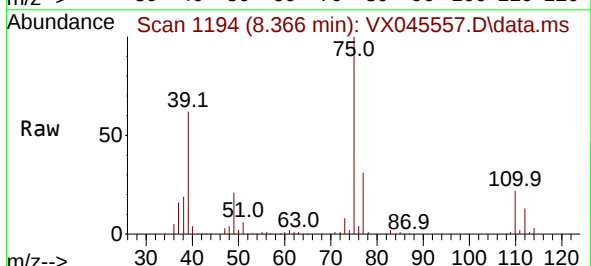
Tgt Ion: 75 Resp: 86755

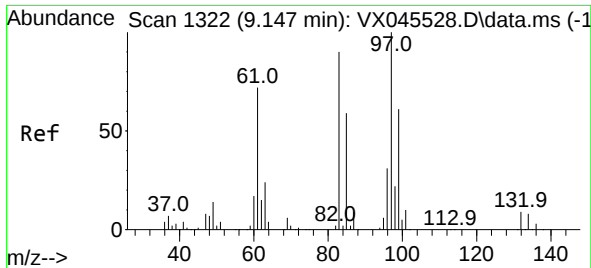
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

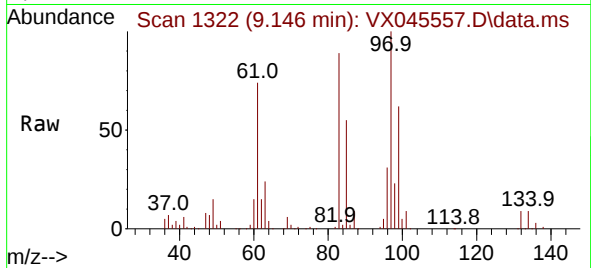
39 62.2 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 51.469 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

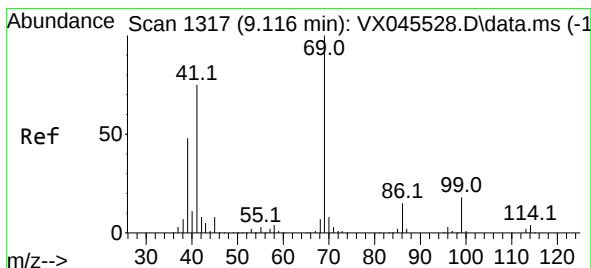
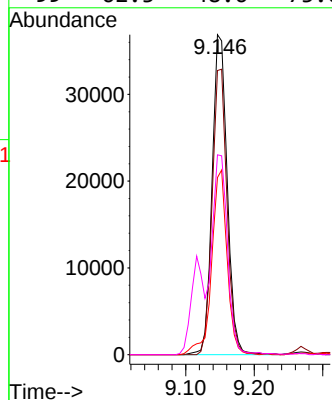
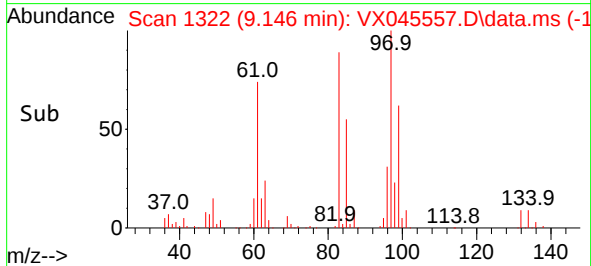
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



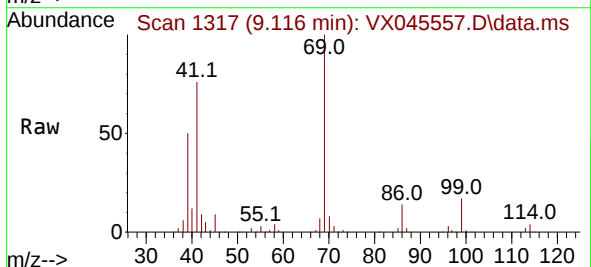
Tgt Ion: 97 Resp: 56499
Ion Ratio Lower Upper
97 100
83 88.8 71.8 107.8
85 55.4 47.0 70.6
99 62.3 48.6 73.0

Manual Integrations
APPROVED

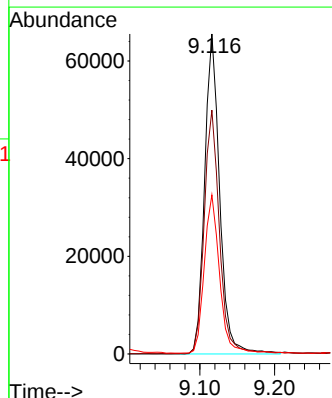
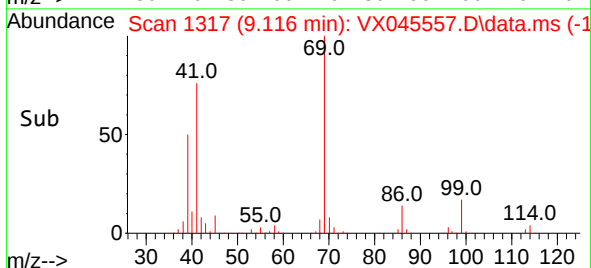
Reviewed By :John Carbone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

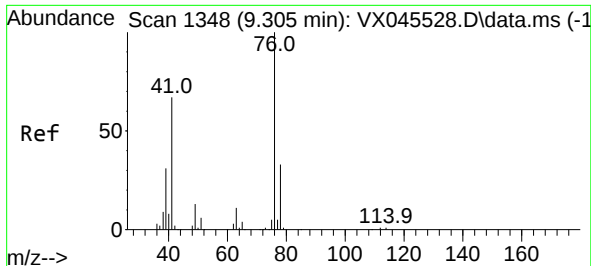


#56
Ethyl methacrylate
Concen: 53.972 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



Tgt Ion: 69 Resp: 91690
Ion Ratio Lower Upper
69 100
41 77.6 61.3 91.9
39 50.3 40.2 60.2





#57

1,3-Dichloropropane

Concen: 51.459 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9836

Ion Ratio Lower Upper

76 100

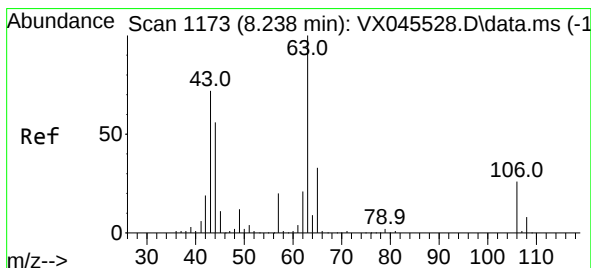
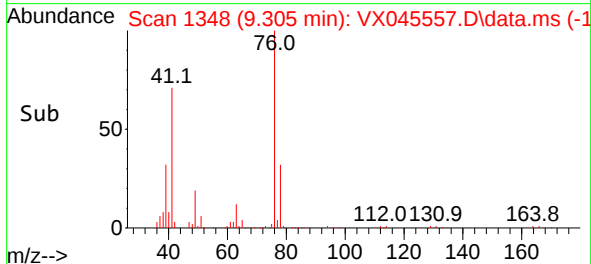
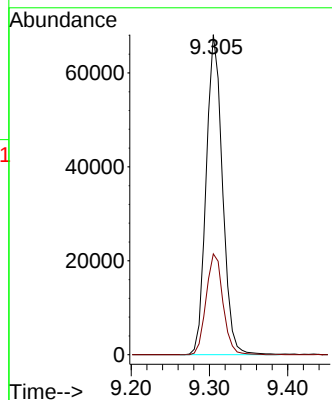
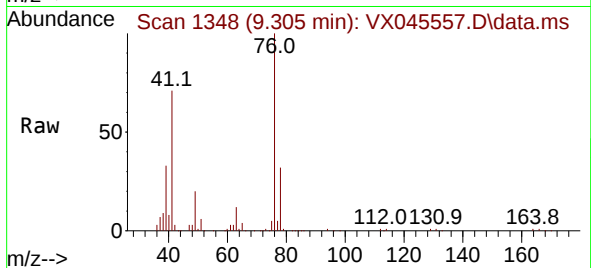
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 264.300 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045557.D

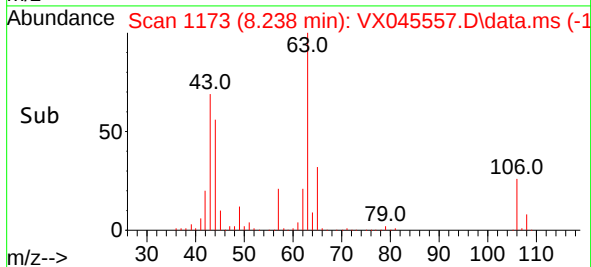
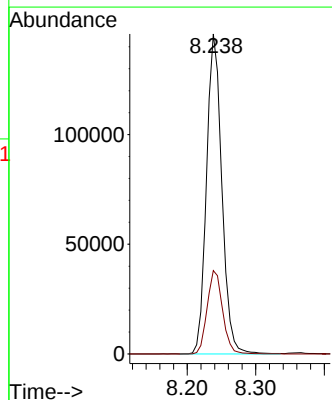
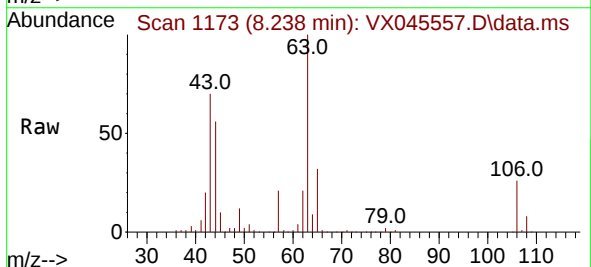
Acq: 02 Apr 2025 19:10

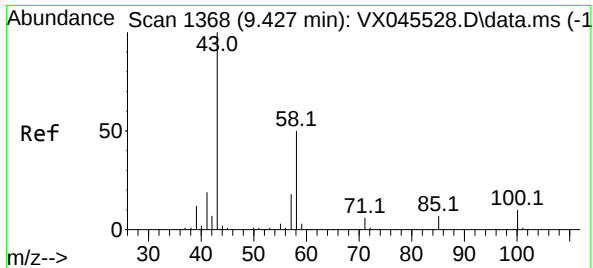
Tgt Ion: 63 Resp: 227139

Ion Ratio Lower Upper

63 100

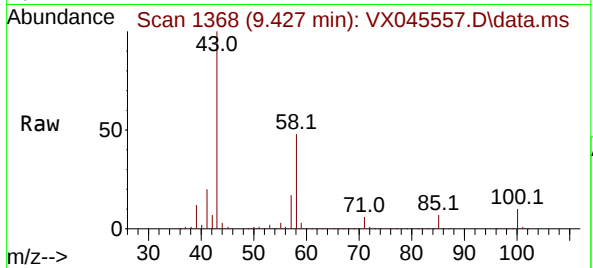
106 26.2 21.0 31.6





#59
2-Hexanone
Concen: 275.018 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

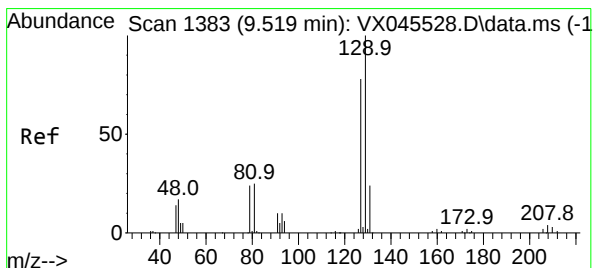
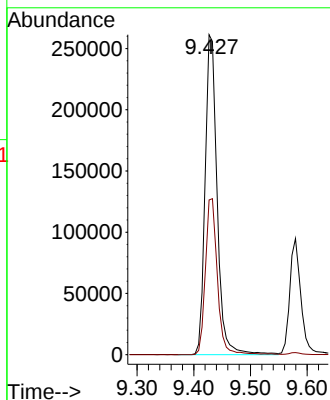
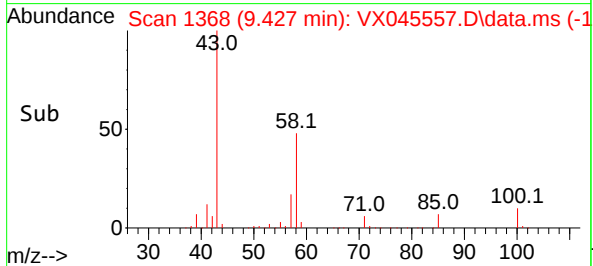
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 38438
Ion Ratio Lower Upper
43 100
58 48.8 24.9 74.6

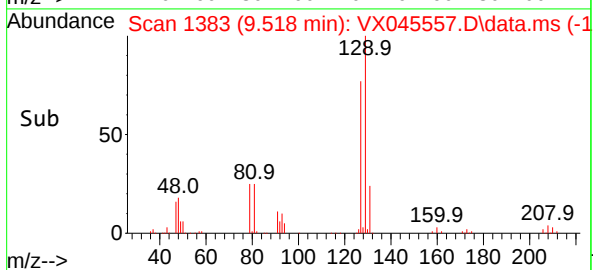
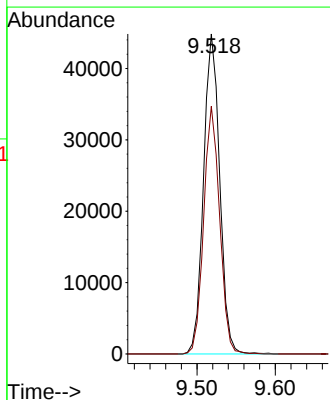
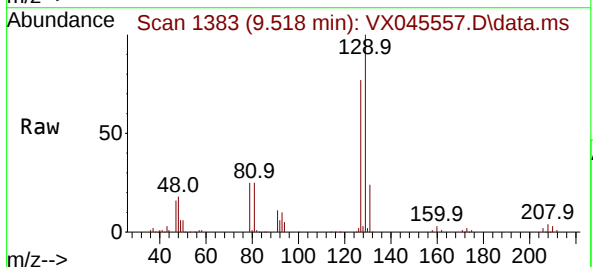
Manual Integrations
APPROVED

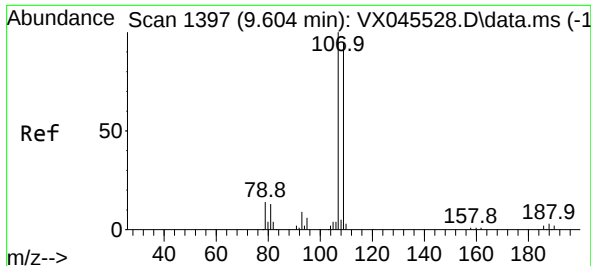
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#60
Dibromochloromethane
Concen: 53.571 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

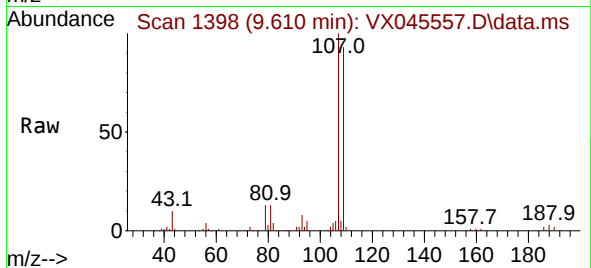
Tgt Ion:129 Resp: 64110
Ion Ratio Lower Upper
129 100
127 76.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 53.213 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

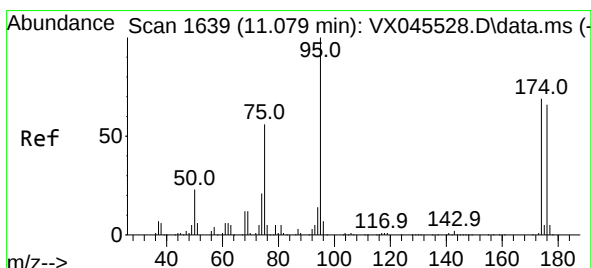
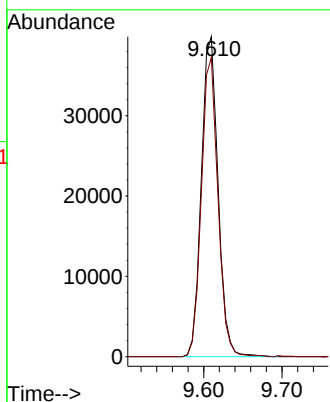
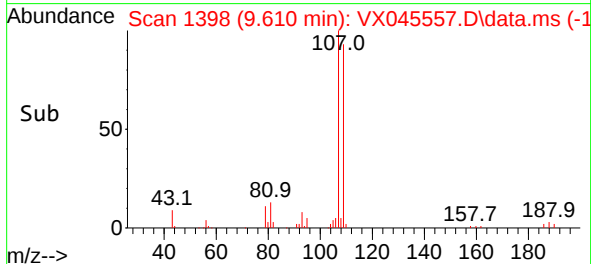
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



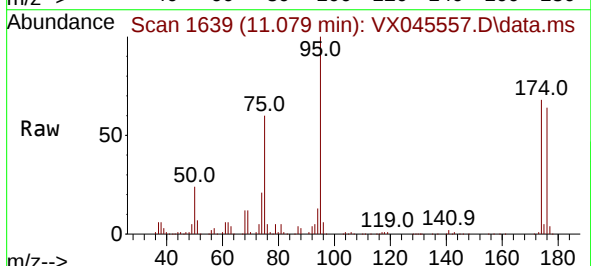
Tgt Ion:107 Resp: 5913
Ion Ratio Lower Upper
107 100
109 92.0 75.7 113.5

Manual Integrations
APPROVED

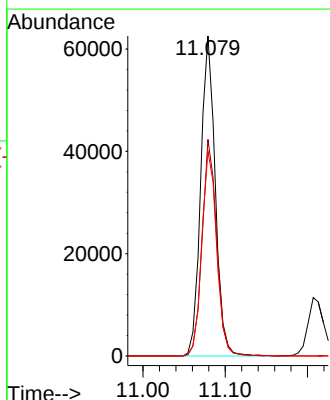
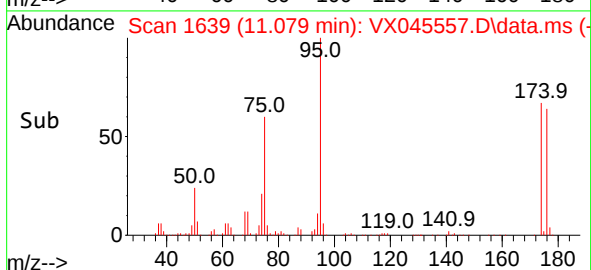
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

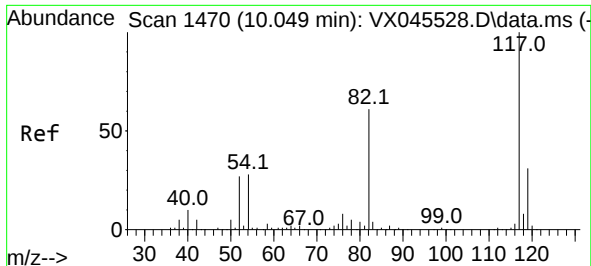


#62
4-Bromofluorobenzene
Concen: 54.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



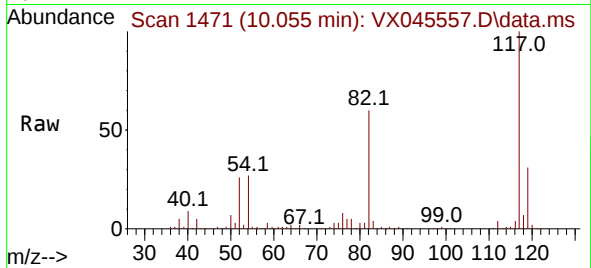
Tgt Ion: 95 Resp: 76816
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

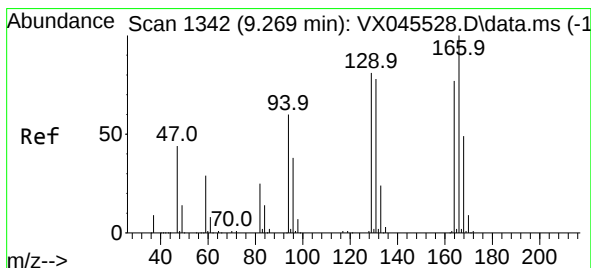
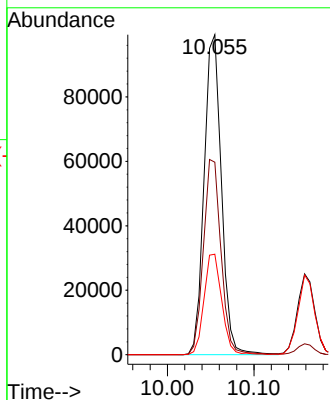
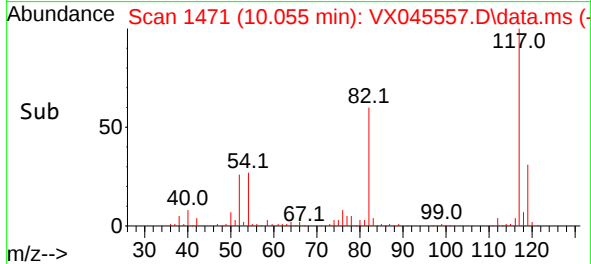
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 137784
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.4 25.1 37.7

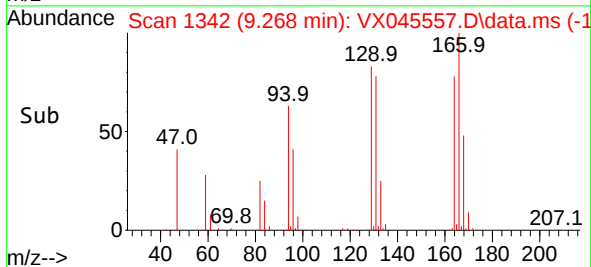
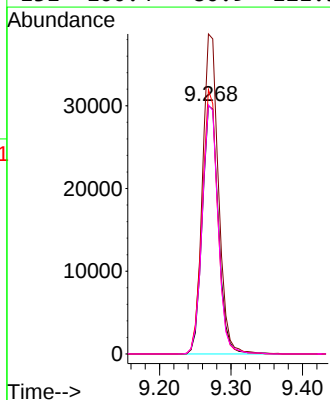
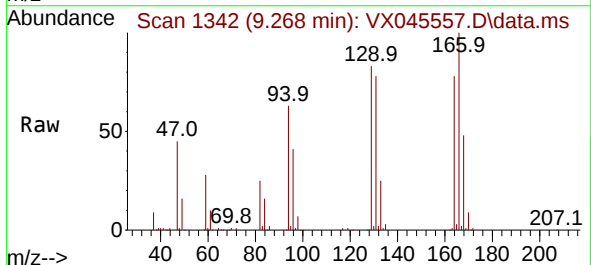
Manual Integrations
APPROVED

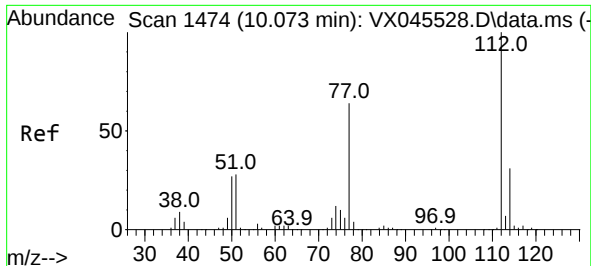
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#64
Tetrachloroethene
Concen: 48.170 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

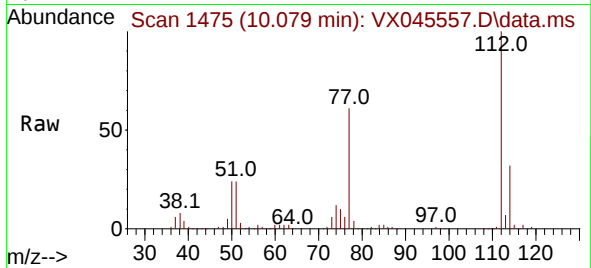
Tgt Ion:164 Resp: 46860
Ion Ratio Lower Upper
164 100
166 128.9 103.8 155.8
129 106.5 84.3 126.5
131 100.4 80.9 121.3





#65
Chlorobenzene
Concen: 51.188 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

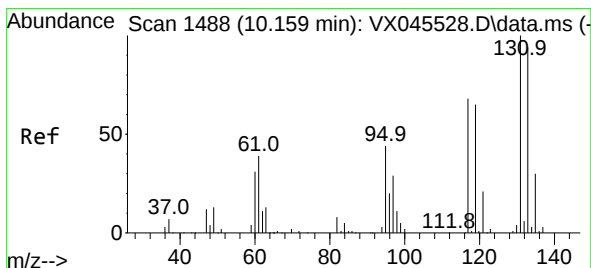
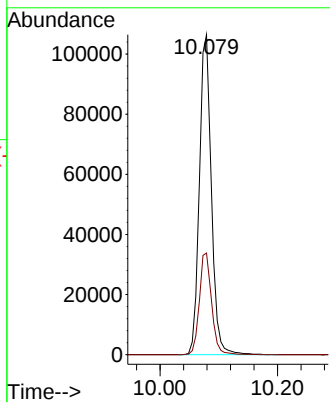
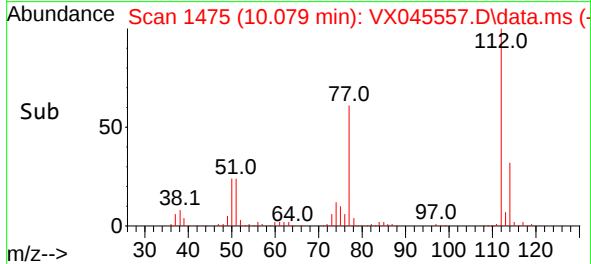
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



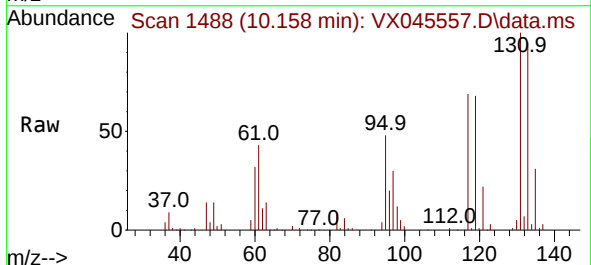
Tgt Ion:112 Resp: 150710
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1

Manual Integrations
APPROVED

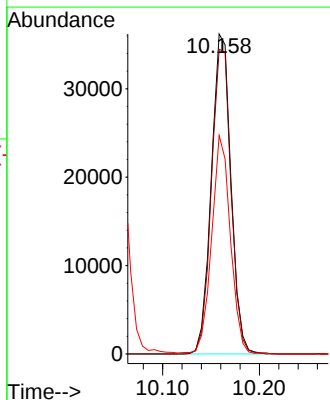
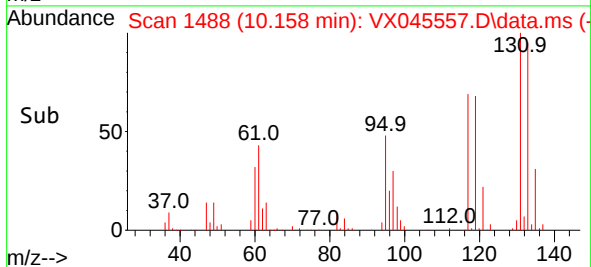
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

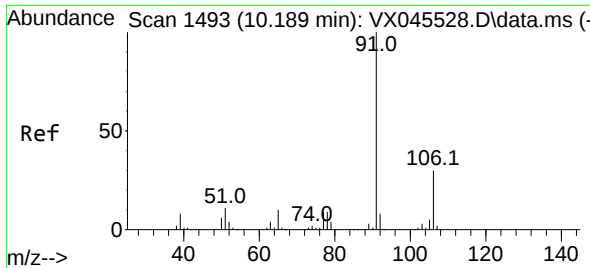


#66
1,1,1,2-Tetrachloroethane
Concen: 49.857 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



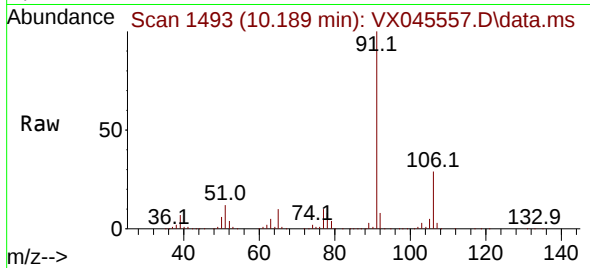
Tgt Ion:131 Resp: 50963
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 65.4 32.9 98.6





#67
Ethyl Benzene
Concen: 52.747 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

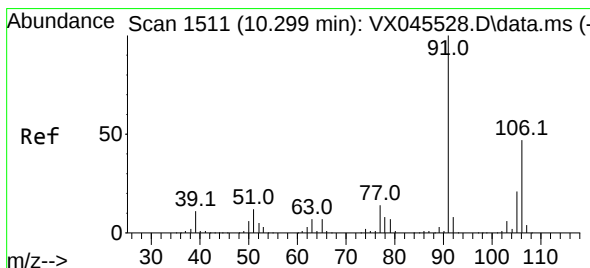
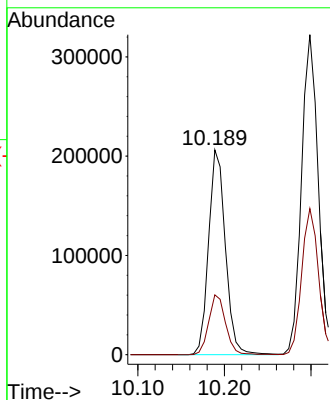
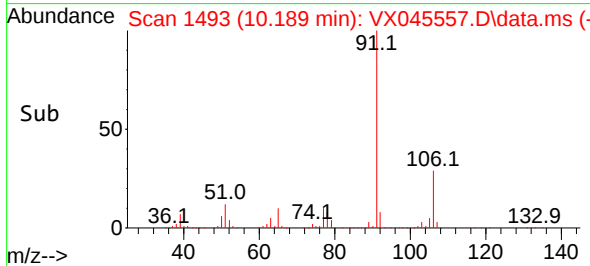
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



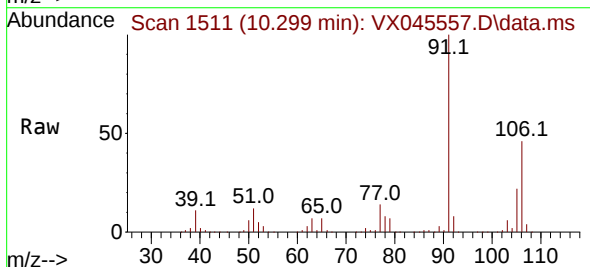
Tgt Ion: 91 Resp: 27814
Ion Ratio Lower Upper
91 100
106 29.2 23.7 35.5

Manual Integrations
APPROVED

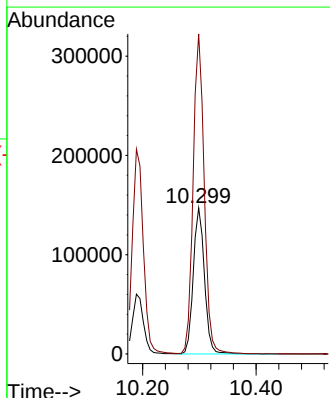
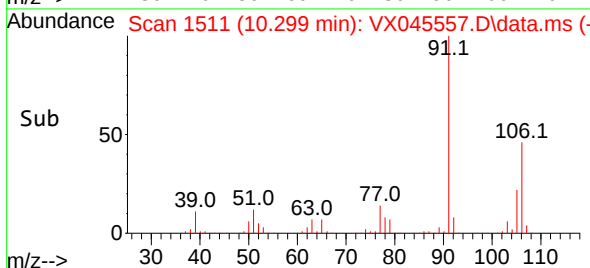
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

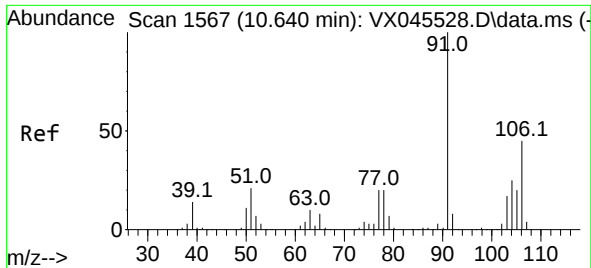


#68
m/p-Xylenes
Concen: 105.458 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



Tgt Ion:106 Resp: 202256
Ion Ratio Lower Upper
106 100
91 216.4 172.6 258.8





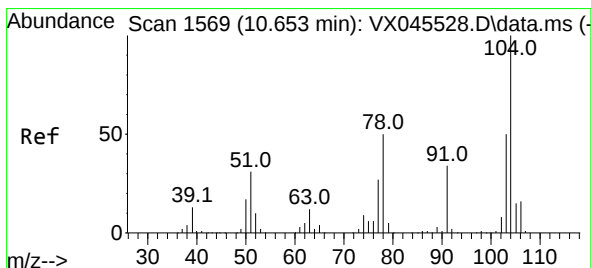
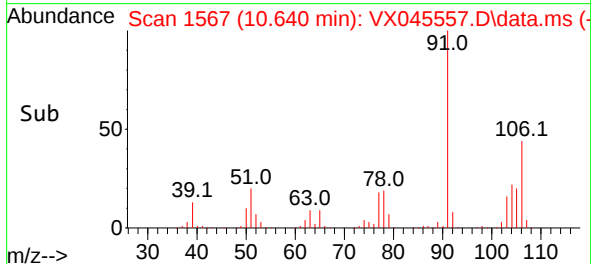
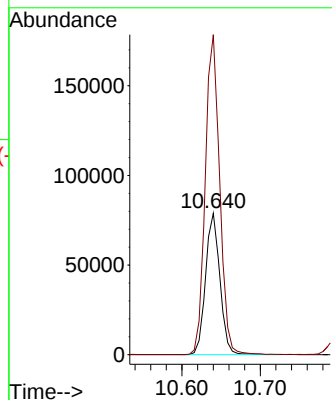
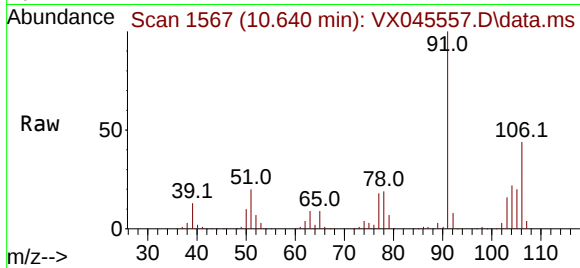
#69
o-Xylene
Concen: 52.873 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 99894
Ion Ratio Lower Upper
106 100
91 228.2 113.6 340.6

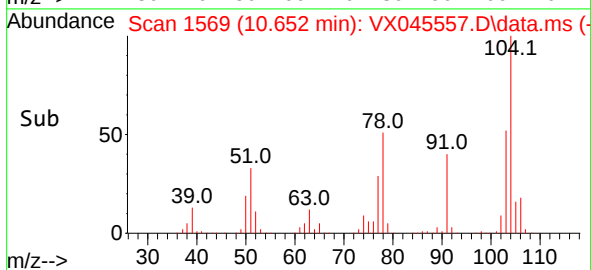
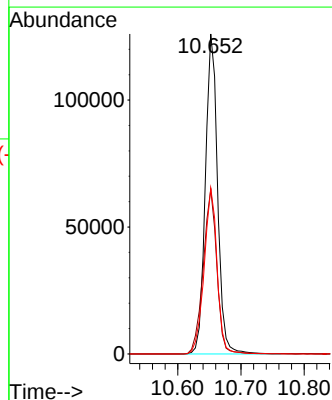
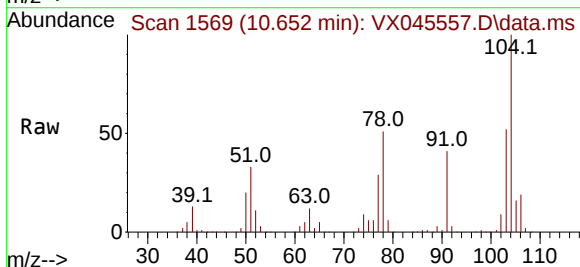
Manual Integrations
APPROVED

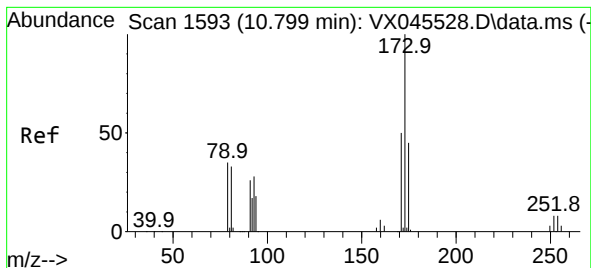
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#70
Styrene
Concen: 54.484 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion:104 Resp: 169896
Ion Ratio Lower Upper
104 100
78 57.4 45.4 68.2
103 55.3 43.8 65.8





#71

Bromoform

Concen: 52.532 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

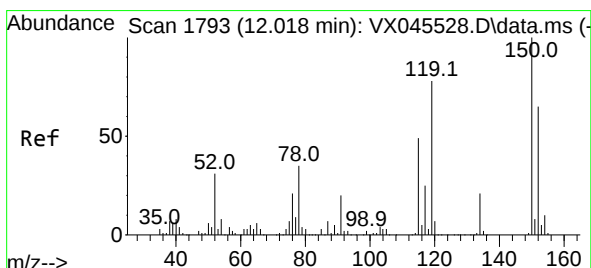
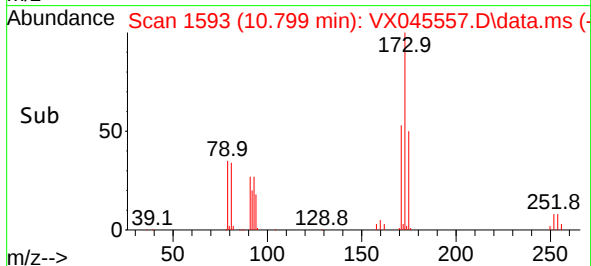
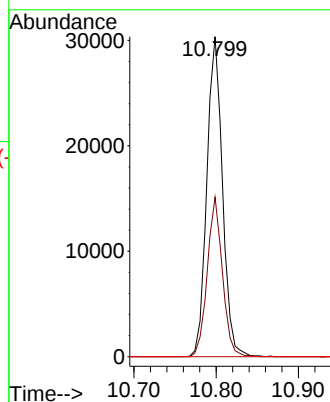
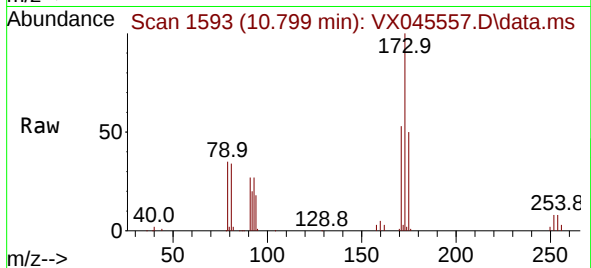
Tgt Ion:173	Resp:	40094
Ion Ratio	Lower	Upper
173	100	
175	48.3	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

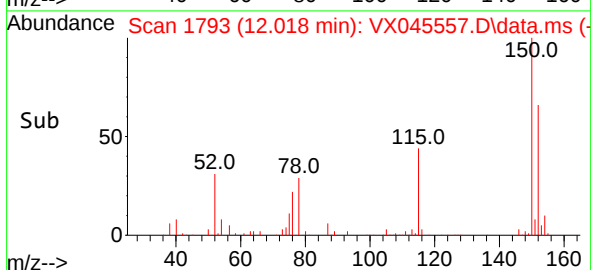
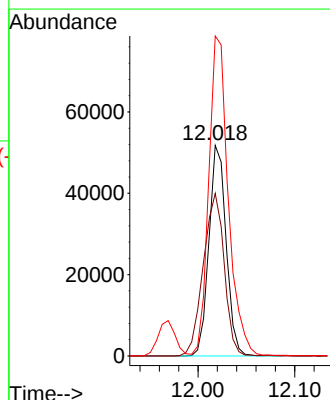
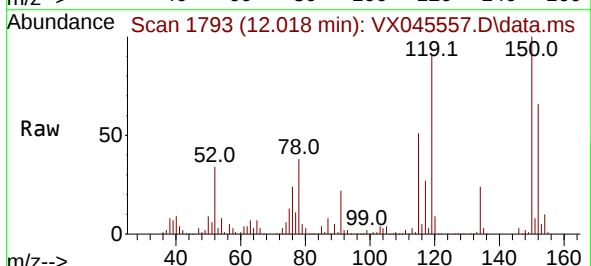
RT: 12.018 min Scan# 1793

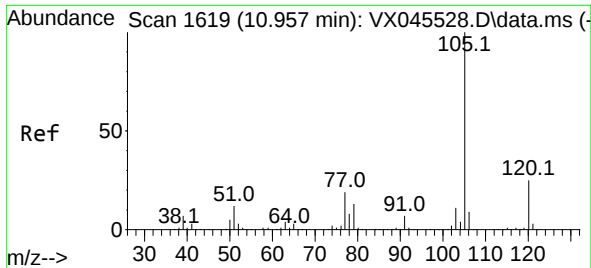
Delta R.T. -0.000 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

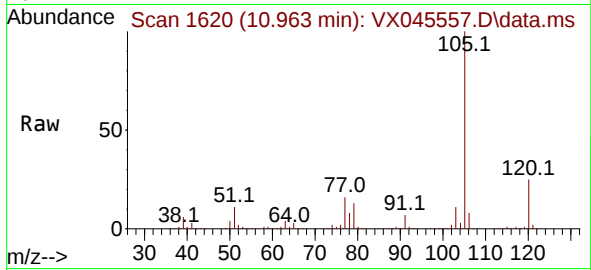
Tgt Ion:152	Resp:	64160
Ion Ratio	Lower	Upper
152	100	
115	93.8	46.9 140.7
150	172.2	0.0 349.4





#73
Isopropylbenzene
Concen: 51.643 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

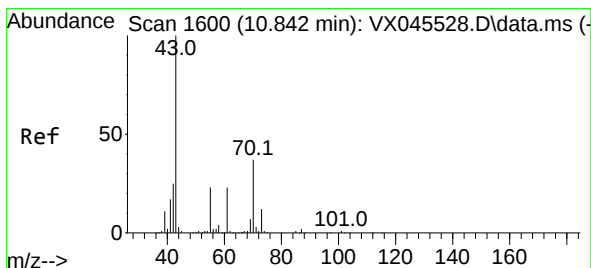
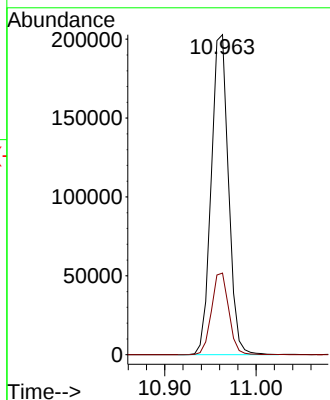
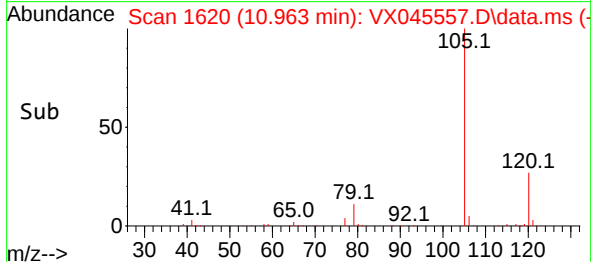
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 265408
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.0

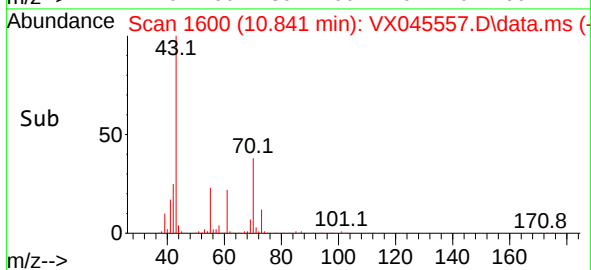
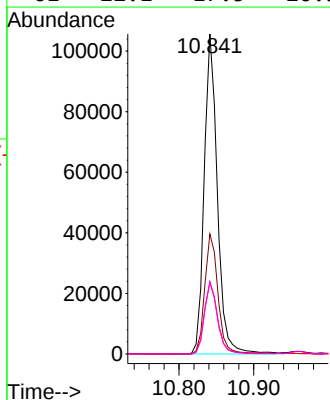
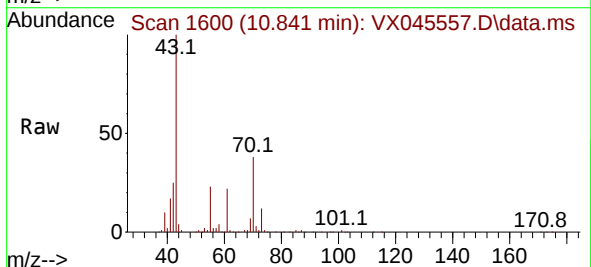
Manual Integrations
APPROVED

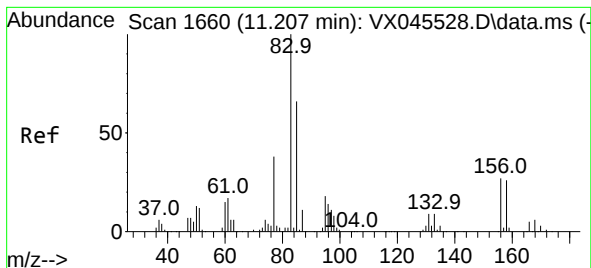
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#74
N-ethyl acetate
Concen: 52.456 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion: 43 Resp: 128957
Ion Ratio Lower Upper
43 100
70 38.0 30.1 45.1
55 23.3 18.3 27.5
61 22.1 17.5 26.3





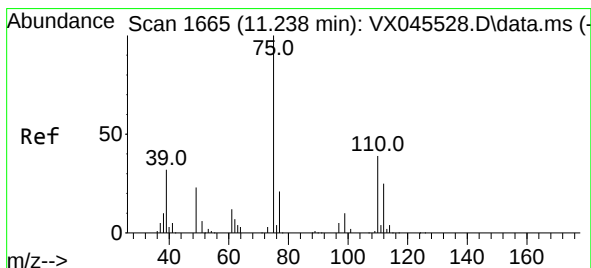
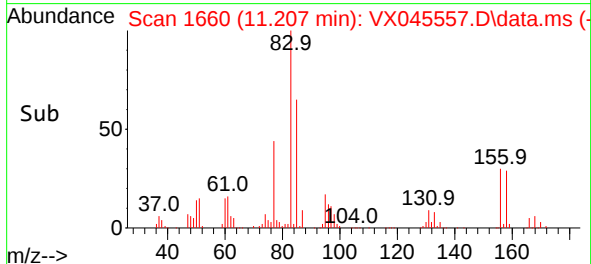
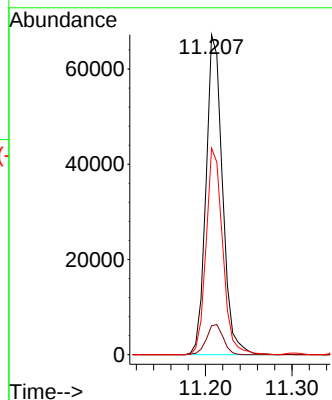
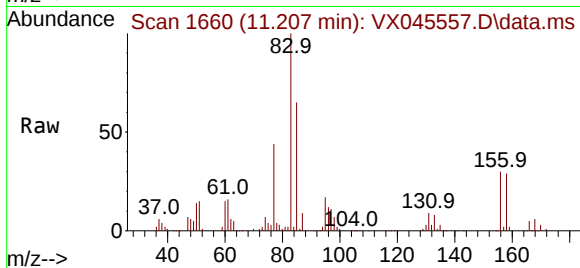
#75
1,1,2,2-Tetrachloroethane
Concen: 49.322 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8904
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.7 32.4 97.2

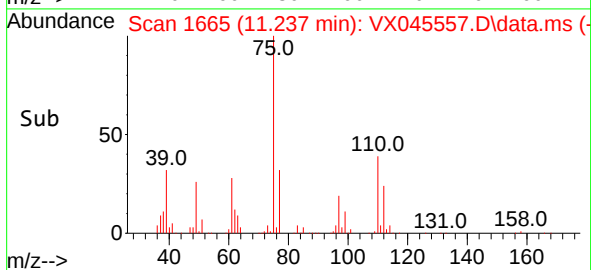
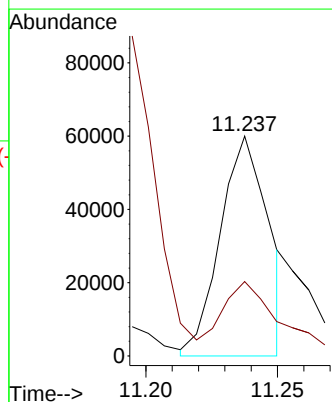
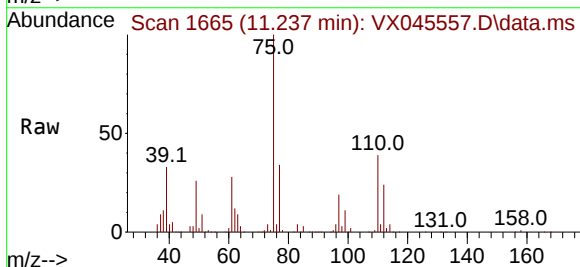
Manual Integrations
APPROVED

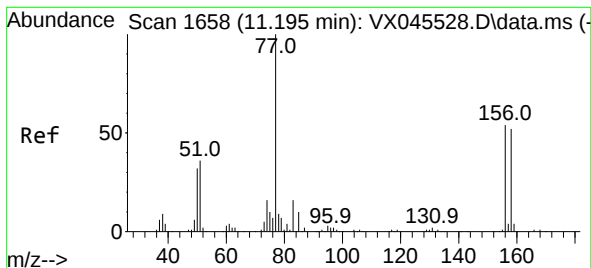
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#76
1,2,3-Trichloropropane
Concen: 48.711 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion: 75 Resp: 76233
Ion Ratio Lower Upper
75 100
77 41.4 20.0 59.9





#77

Bromobenzene

Concen: 50.691 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

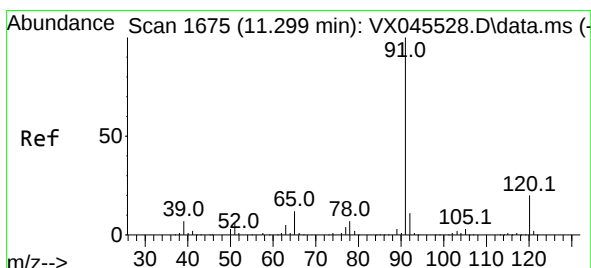
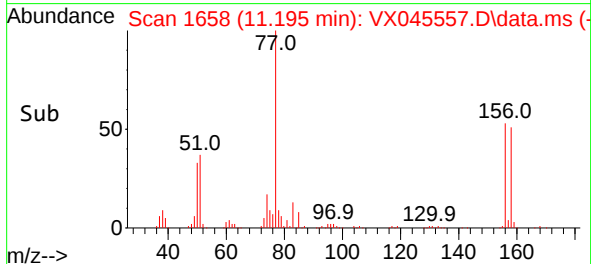
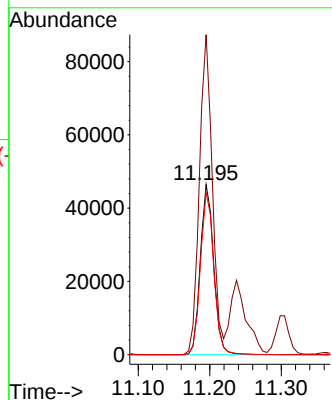
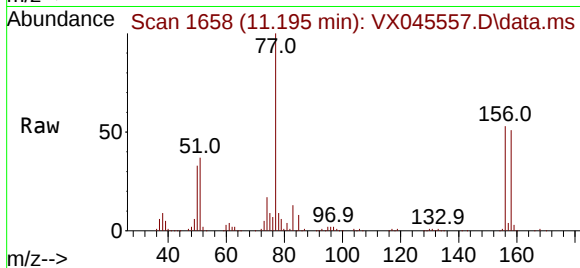
Tgt Ion:	156	Resp:	6019
Ion	Ratio	Lower	Upper
156	100		
77	182.4	92.6	277.8
158	95.1	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#78

n-propylbenzene

Concen: 52.696 ug/l

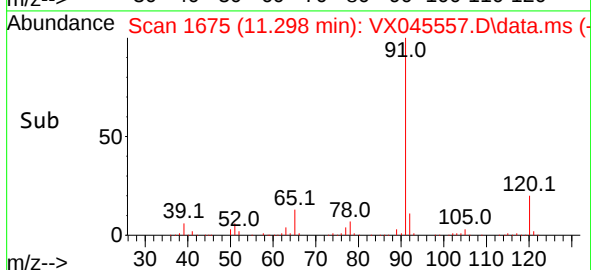
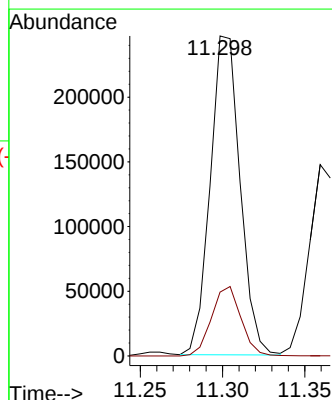
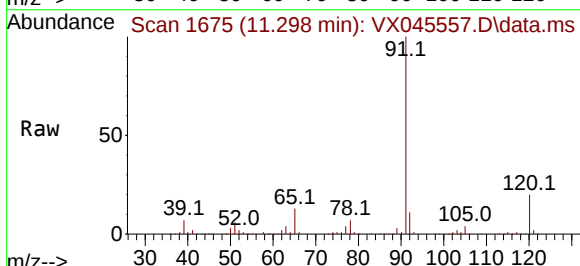
RT: 11.298 min Scan# 1675

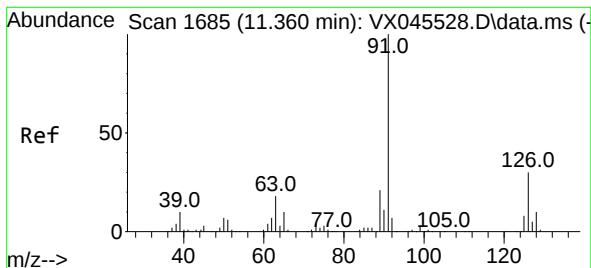
Delta R.T. -0.000 min

Lab File: VX045557.D

Acq: 02 Apr 2025 19:10

Tgt Ion:	91	Resp:	311937
Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3





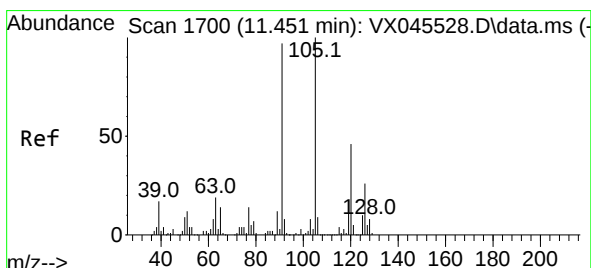
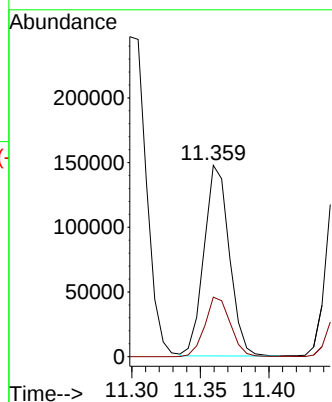
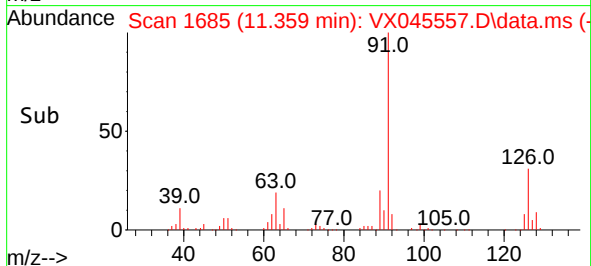
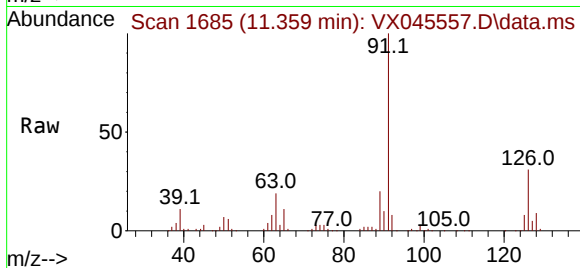
#79
2-Chlorotoluene
Concen: 50.083 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 18953
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4

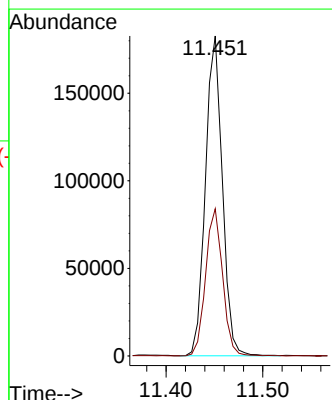
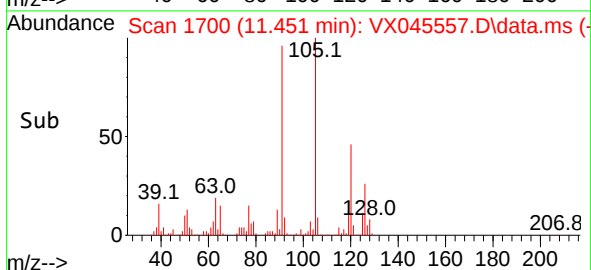
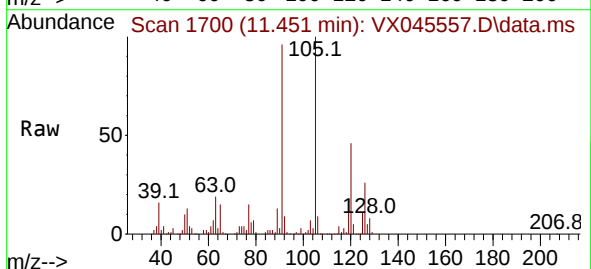
Manual Integrations
APPROVED

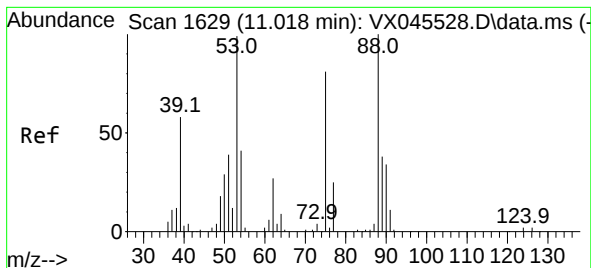
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.441 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion:105 Resp: 222860
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





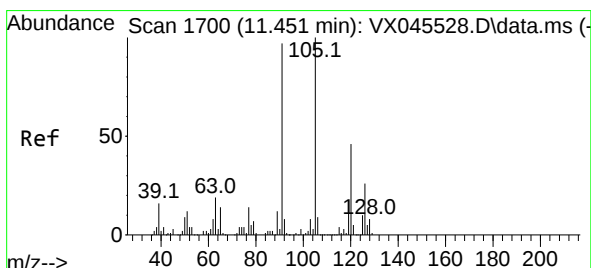
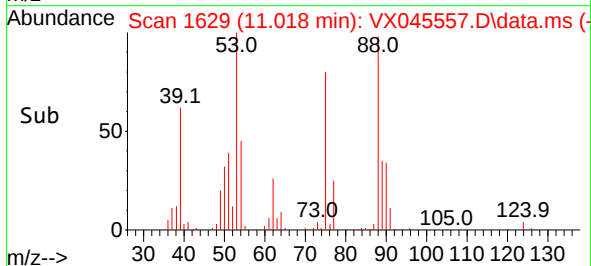
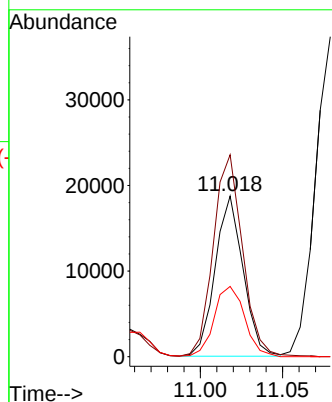
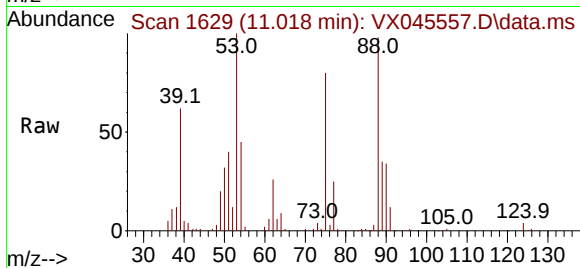
#81
trans-1,4-Dichloro-2-butene
Concen: 47.891 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 22084
Ion Ratio Lower Upper
75 100
53 132.6 101.8 152.6
89 47.9 37.2 55.8

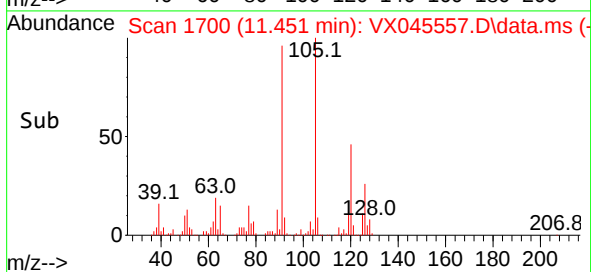
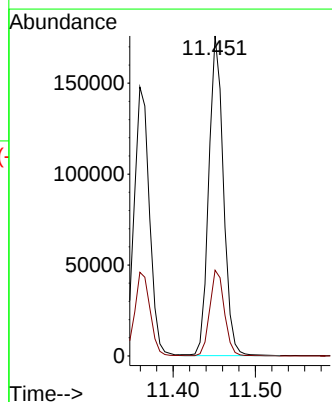
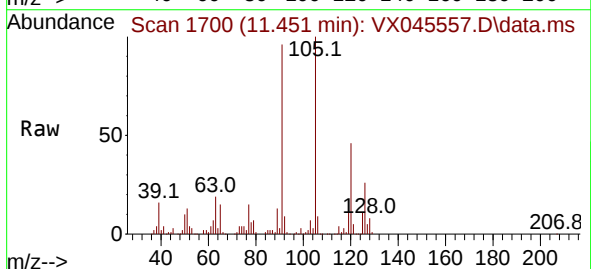
Manual Integrations
APPROVED

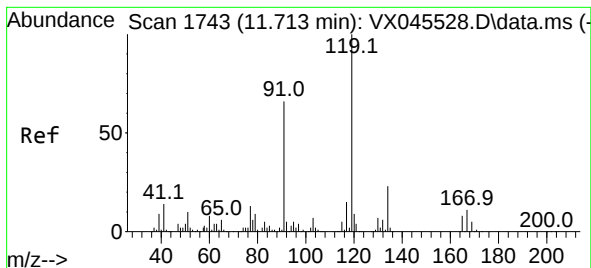
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#82
4-Chlorotoluene
Concen: 51.431 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

Tgt Ion: 91 Resp: 217008
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83

tert-Butylbenzene

Concen: 51.954 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045557.D

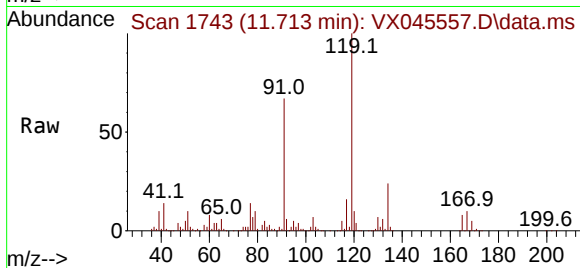
Acq: 02 Apr 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:119 Resp: 218592

Ion Ratio Lower Upper

119 100

91 66.0 32.4 97.2

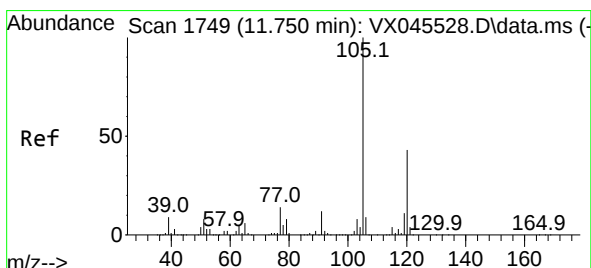
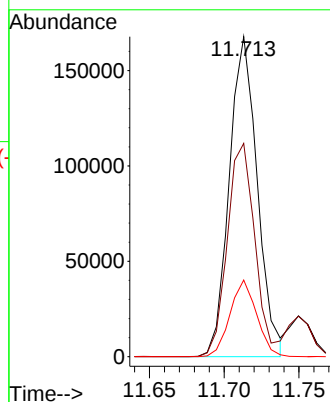
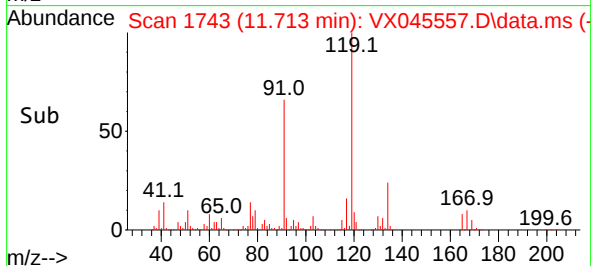
134 22.8 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 52.296 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045557.D

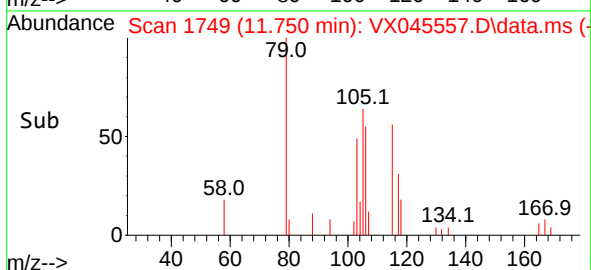
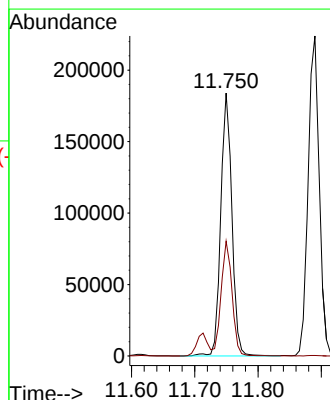
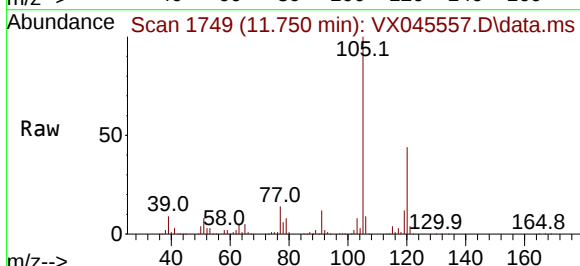
Acq: 02 Apr 2025 19:10

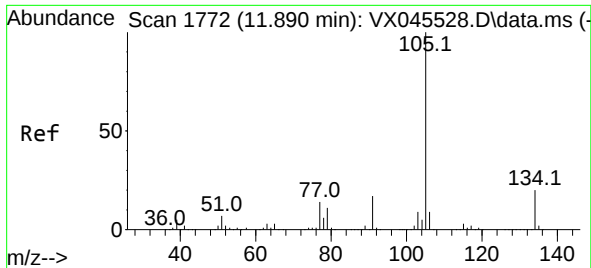
Tgt Ion:105 Resp: 223065

Ion Ratio Lower Upper

105 100

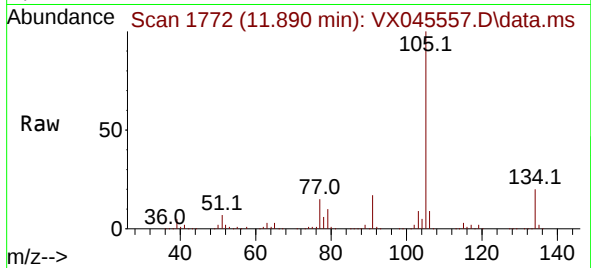
120 43.0 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 52.788 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045557.D
 Acq: 02 Apr 2025 19:10

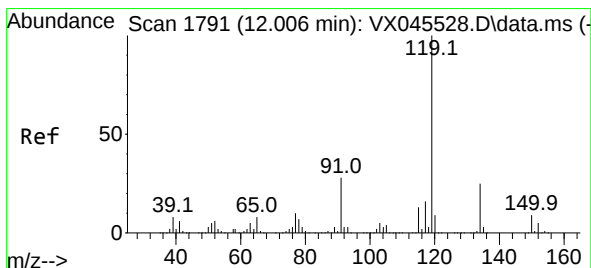
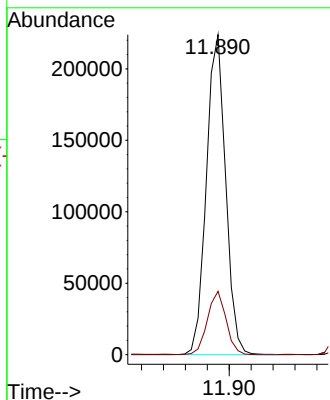
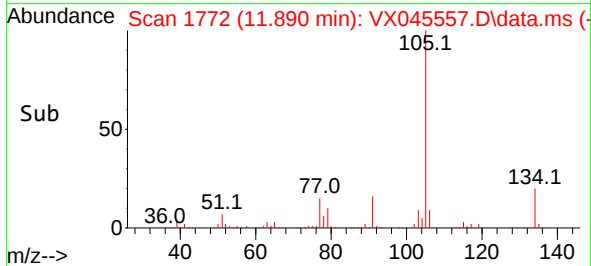
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



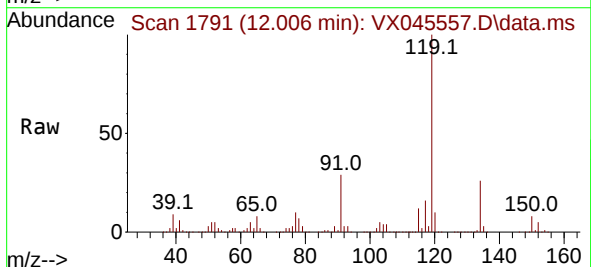
Tgt Ion:105 Resp: 272790
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

Manual Integrations
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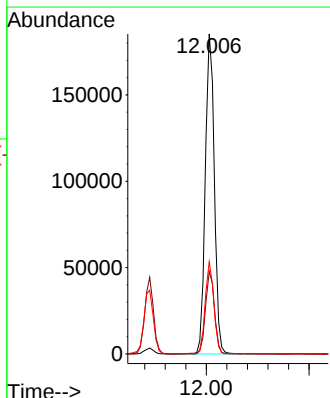
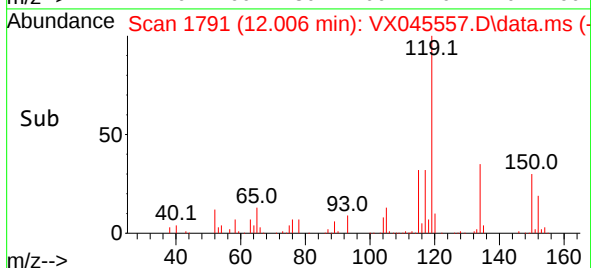
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025

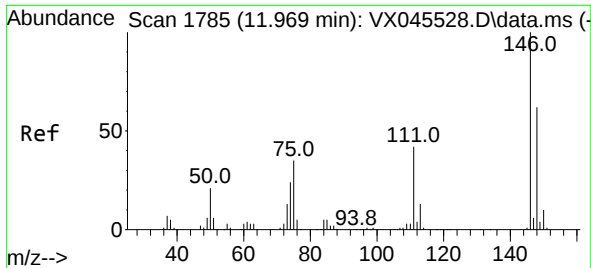


#86
 p-Isopropyltoluene
 Concen: 52.952 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045557.D
 Acq: 02 Apr 2025 19:10



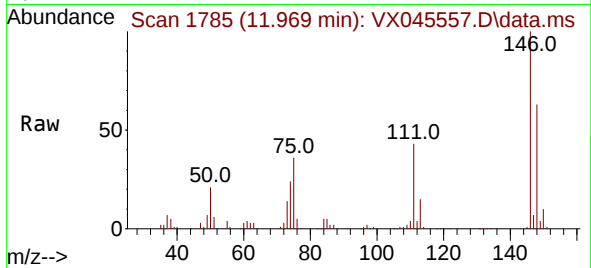
Tgt Ion:119 Resp: 225599
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 27.4 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 49.946 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

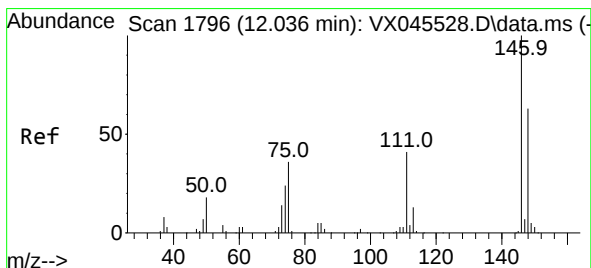
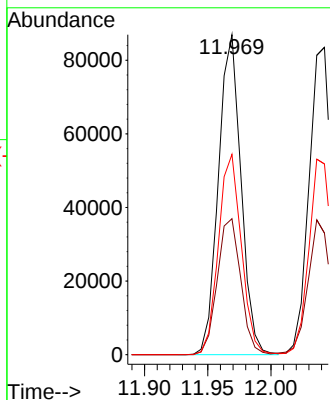
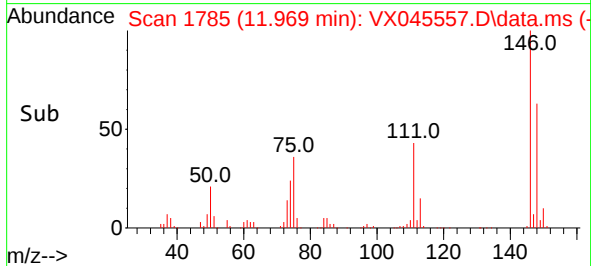
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



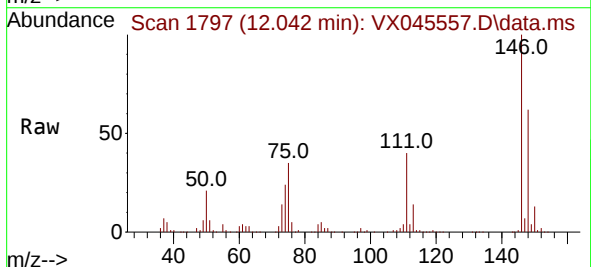
Tgt Ion:146 Resp: 107960
Ion Ratio Lower Upper
146 100
111 44.2 22.2 66.6
148 63.5 31.9 95.7

Manual Integrations
APPROVED

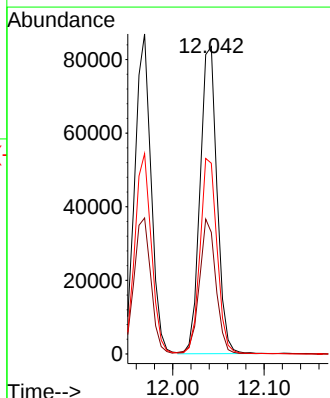
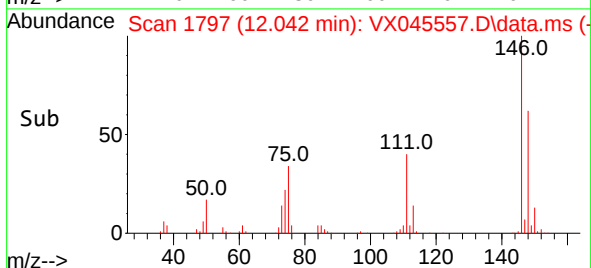
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

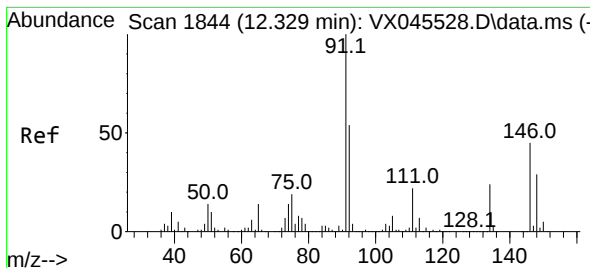


#88
1,4-Dichlorobenzene
Concen: 48.939 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



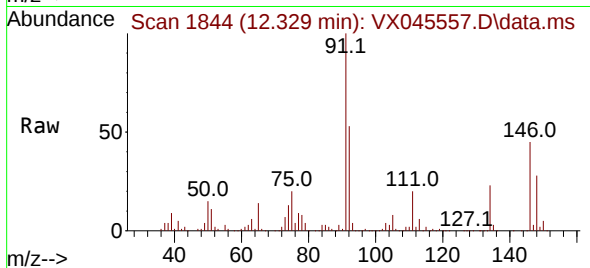
Tgt Ion:146 Resp: 107242
Ion Ratio Lower Upper
146 100
111 42.7 20.9 62.8
148 64.2 31.5 94.5





#89
n-Butylbenzene
Concen: 53.978 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

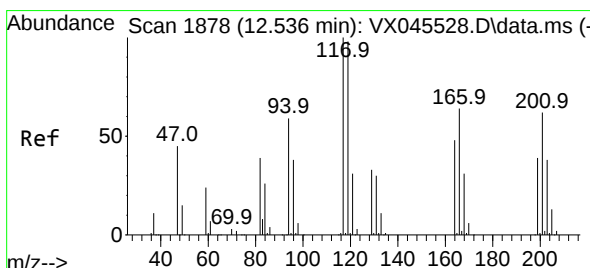
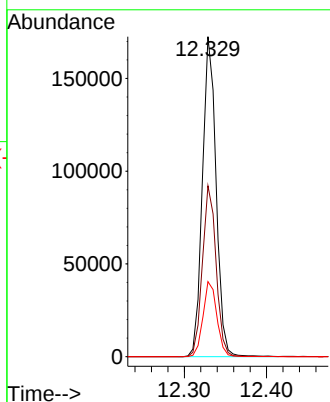
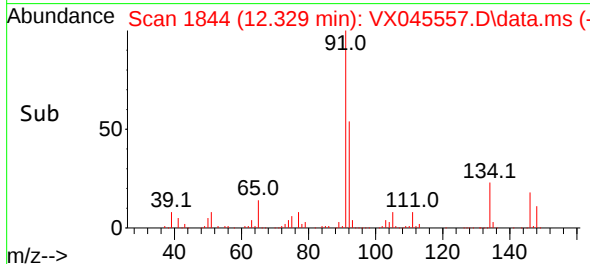
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 199418
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 23.8 11.9 35.7

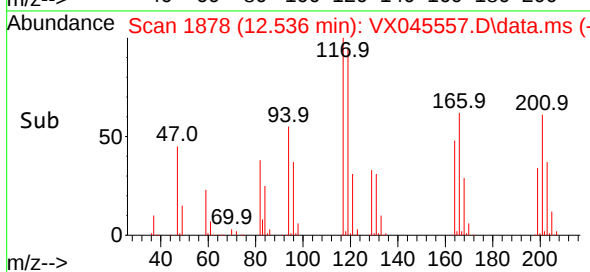
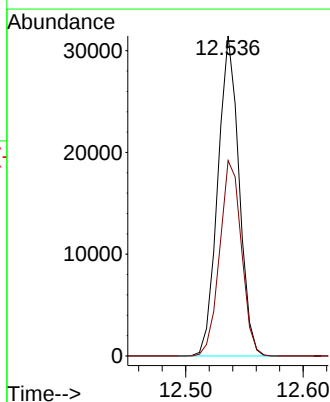
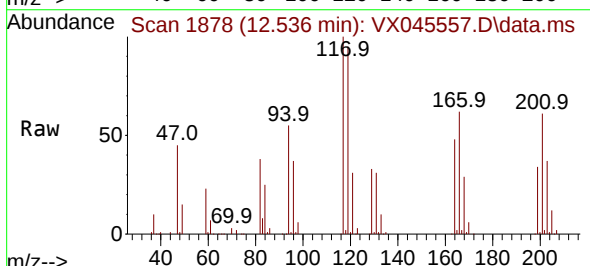
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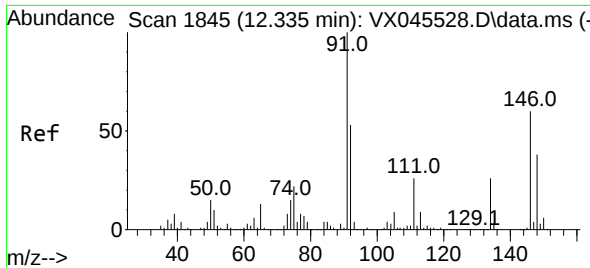
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#90
Hexachloroethane
Concen: 53.832 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

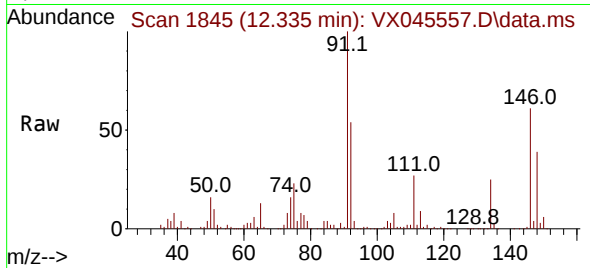
Tgt Ion:117 Resp: 39415
Ion Ratio Lower Upper
117 100
201 62.6 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 50.388 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

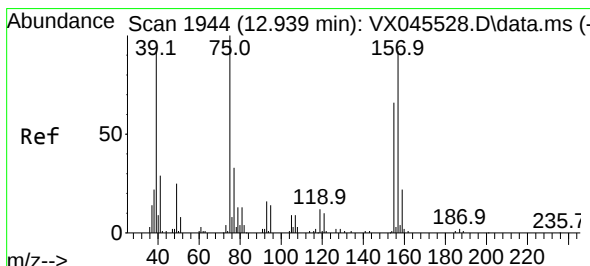
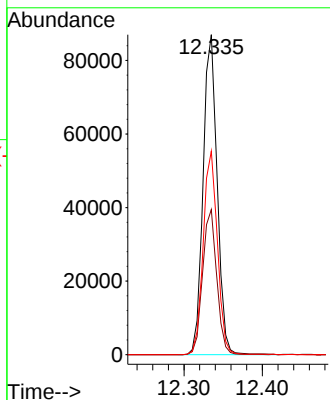
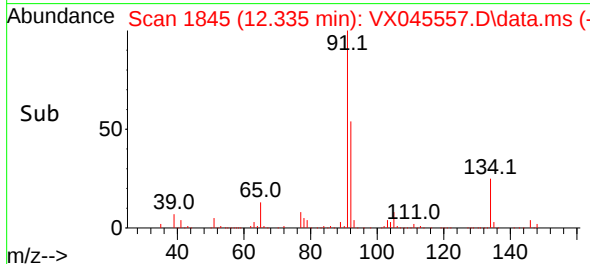
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



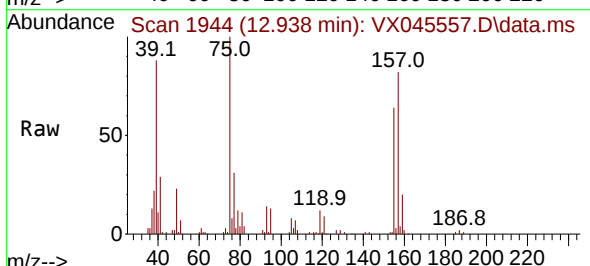
Tgt Ion:146 Resp: 10828
Ion Ratio Lower Upper
146 100
111 45.6 22.9 68.8
148 64.2 31.9 95.5

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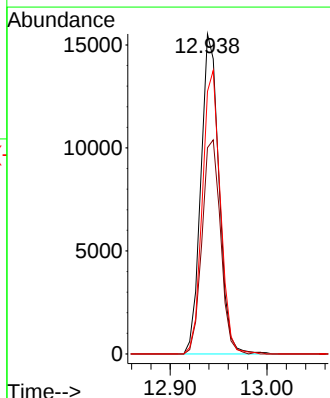
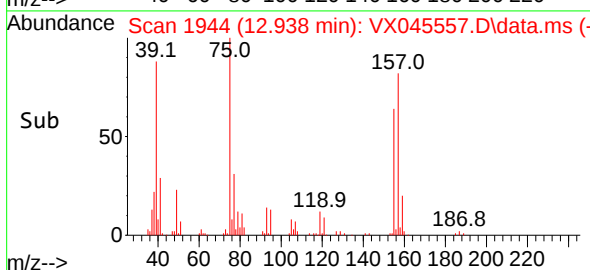
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

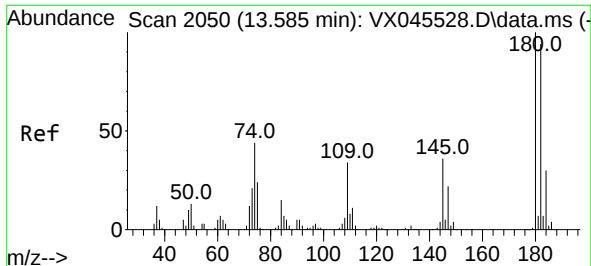


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.731 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



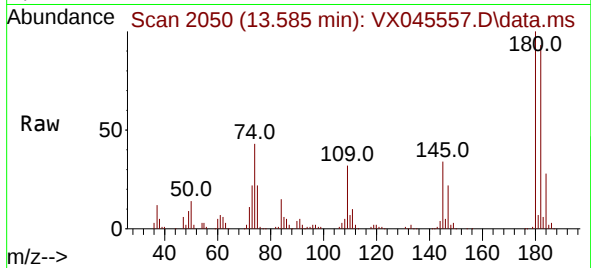
Tgt Ion: 75 Resp: 20287
Ion Ratio Lower Upper
75 100
155 68.3 34.9 104.7
157 87.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 50.905 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

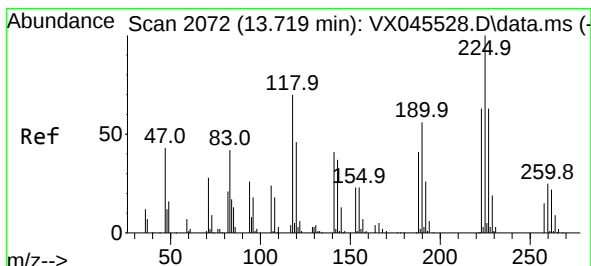
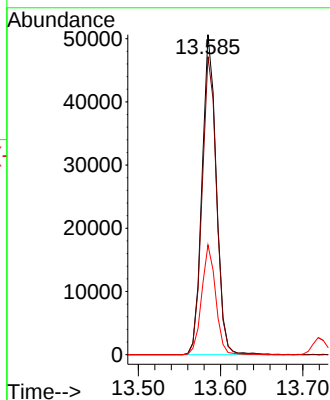
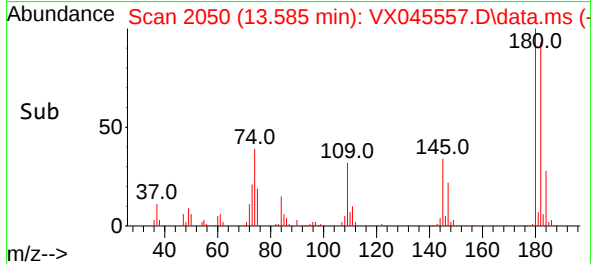
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 6089
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.6
145 33.5 17.9 53.8

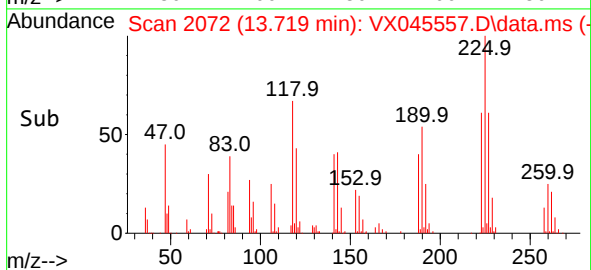
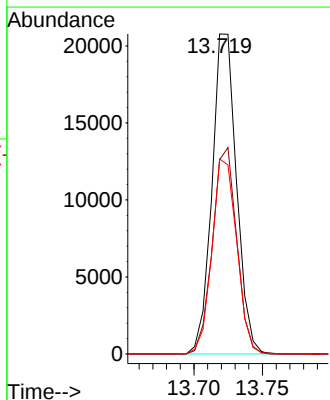
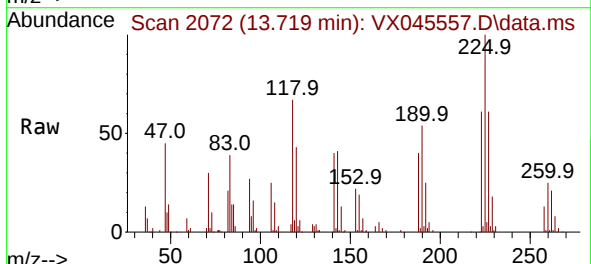
Manual Integrations
APPROVED

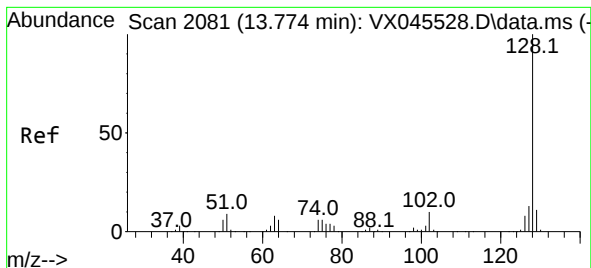
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#94
Hexachlorobutadiene
Concen: 50.118 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

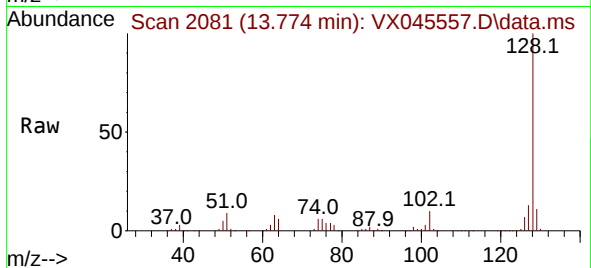
Tgt Ion:225 Resp: 25834
Ion Ratio Lower Upper
225 100
223 63.8 31.1 93.3
227 61.5 32.2 96.6





#95
Naphthalene
Concen: 51.685 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10

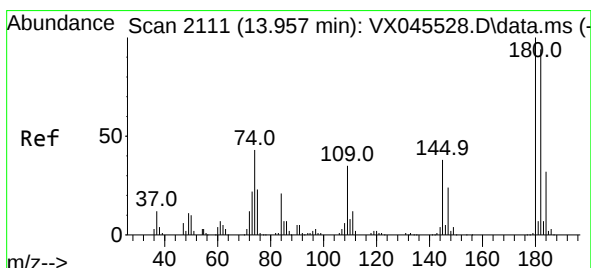
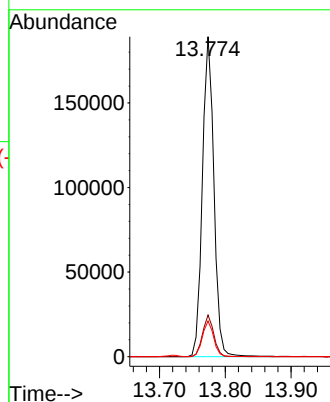
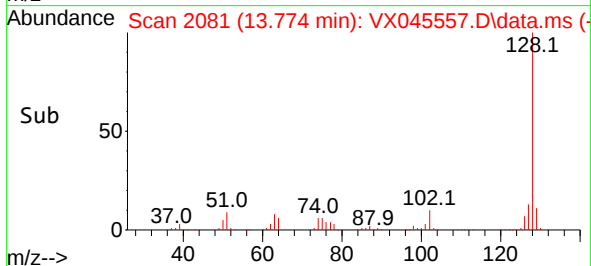
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



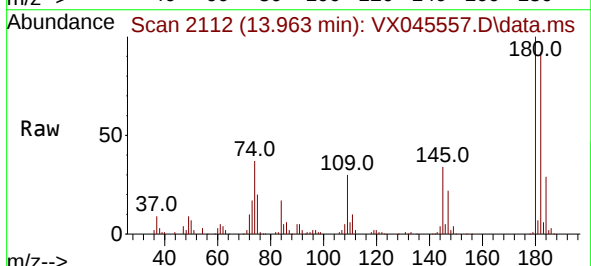
Tgt Ion:128 Resp: 230079
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.040 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045557.D
Acq: 02 Apr 2025 19:10



Tgt Ion:180 Resp: 63931
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.8
145 35.7 18.2 54.6

