

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045066.D
 Acq On : 27 Feb 2025 16:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 00:45:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	99754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77199	52.868	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	5.379	113	61822	53.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	8.646	98	222848	50.540	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	11.079	95	76718	51.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60046	42.918	ug/l	96
3) Chloromethane	1.306	50	66490	39.047	ug/l	96
4) Vinyl Chloride	1.373	62	69485	42.121	ug/l	100
5) Bromomethane	1.593	94	26650	53.986	ug/l	99
6) Chloroethane	1.660	64	32534	51.014	ug/l	99
7) Trichlorofluoromethane	1.867	101	99322	47.609	ug/l	98
8) Diethyl Ether	2.135	74	36719	48.533	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	57768	45.831	ug/l	98
10) Methyl Iodide	2.440	142	68856	42.150	ug/l	97
11) Tert butyl alcohol	2.989	59	70545	260.415	ug/l	100
12) 1,1-Dichloroethene	2.306	96	56755	44.142	ug/l	98
13) Acrolein	2.233	56	74551	266.734	ug/l	98
14) Allyl chloride	2.654	41	107388	46.215	ug/l	97
15) Acrylonitrile	3.062	53	199817	276.264	ug/l	97
16) Acetone	2.385	43	170208	289.953	ug/l	95
17) Carbon Disulfide	2.501	76	131327	37.248	ug/l	99
18) Methyl Acetate	2.702	43	119371	64.441	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	200757	49.075	ug/l	99
20) Methylene Chloride	2.782	84	67299	46.805	ug/l	97
21) trans-1,2-Dichloroethene	3.086	96	57100	45.122	ug/l	96
22) Diisopropyl ether	3.763	45	221275	50.334	ug/l	97
23) Vinyl Acetate	3.720	43	904134	252.273	ug/l	98
24) 1,1-Dichloroethane	3.605	63	119605	48.624	ug/l	99
25) 2-Butanone	4.556	43	283954	297.891	ug/l	95
26) 2,2-Dichloropropane	4.470	77	79576	40.794	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	72993	48.021	ug/l	99
28) Bromochloromethane	4.891	49	59701	50.503	ug/l	100
29) Tetrahydrofuran	5.007	42	184650	291.727	ug/l	98
30) Chloroform	5.086	83	120207	50.391	ug/l	96
31) Cyclohexane	5.464	56	95386	42.063	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	97805	48.337	ug/l	98
36) 1,1-Dichloropropene	5.684	75	76285	45.346	ug/l	99
37) Ethyl Acetate	4.714	43	104755	55.983	ug/l	99
38) Carbon Tetrachloride	5.671	117	80972	49.117	ug/l	99
39) Methylcyclohexane	7.372	83	96407	44.326	ug/l	98
40) Benzene	6.031	78	251581	47.892	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	60722	60.626	ug/l	97
42) 1,2-Dichloroethane	6.080	62	90778	54.221	ug/l	98
43) Isopropyl Acetate	6.342	43	162038	53.625	ug/l	99
44) Trichloroethene	7.122	130	57928	48.244	ug/l	93
45) 1,2-Dichloropropane	7.427	63	65751	50.311	ug/l	97
46) Dibromomethane	7.580	93	47308	52.197	ug/l	98
47) Bromodichloromethane	7.817	83	94229	53.694	ug/l	99
48) Methyl methacrylate	7.689	41	80817	56.723	ug/l	97
49) 1,4-Dioxane	7.665	88	34433	1126.430	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	549118	298.918	ug/l	97
52) Toluene	8.713	92	153860	49.180	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	85427	48.103	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	96777	48.876	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	62105	51.640	ug/l	99
56) Ethyl methacrylate	9.116	69	100142	51.556	ug/l	94
57) 1,3-Dichloropropane	9.305	76	108346	51.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	254613	266.963	ug/l	100
59) 2-Hexanone	9.427	43	403784	305.067	ug/l	96
60) Dibromochloromethane	9.518	129	68114	52.958	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64062	52.555	ug/l	98
64) Tetrachloroethene	9.274	164	46789	47.839	ug/l	94
65) Chlorobenzene	10.079	112	166445	49.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	55267	51.547	ug/l	100
67) Ethyl Benzene	10.189	91	292358	49.735	ug/l	99
68) m/p-Xylenes	10.299	106	215002	99.152	ug/l	97
69) o-Xylene	10.640	106	106620	49.002	ug/l	97
70) Styrene	10.652	104	179719	51.268	ug/l	99
71) Bromoform	10.798	173	43927	54.898	ug/l #	99
73) Isopropylbenzene	10.957	105	276995	49.062	ug/l	100
74) N-amyl acetate	10.841	43	135474	53.027	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	99839	51.462	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	79178m	50.931	ug/l	
77) Bromobenzene	11.195	156	64068	50.053	ug/l	96
78) n-propylbenzene	11.304	91	321342	49.311	ug/l	100
79) 2-Chlorotoluene	11.359	91	191888	47.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	225131	49.138	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26536	43.908	ug/l	88
82) 4-Chlorotoluene	11.451	91	214836	48.485	ug/l	99
83) tert-Butylbenzene	11.713	119	229570	49.531	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	226995	50.198	ug/l	98
85) sec-Butylbenzene	11.890	105	284121	49.504	ug/l	99
86) p-Isopropyltoluene	12.006	119	231681	50.196	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115363	49.010	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	115054	48.343	ug/l	99
89) n-Butylbenzene	12.329	91	207278	50.763	ug/l	98
90) Hexachloroethane	12.536	117	41009	47.452	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	115510	49.931	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19484	55.027	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	68835	49.173	ug/l	99
94) Hexachlorobutadiene	13.725	225	27159	48.872	ug/l	100
95) Naphthalene	13.774	128	265775	52.522	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72300	51.257	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

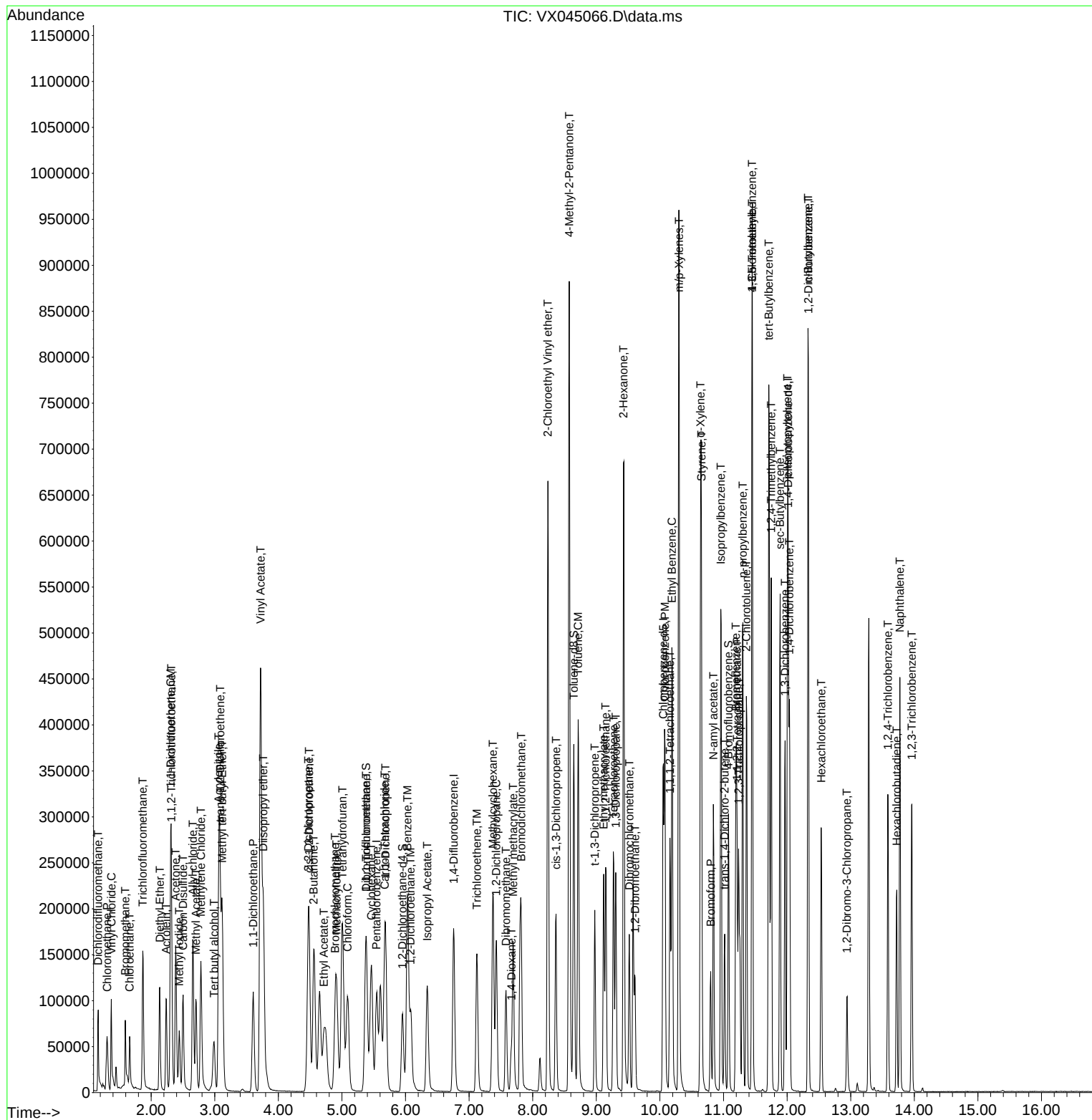
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Manual Integrations APPROVED

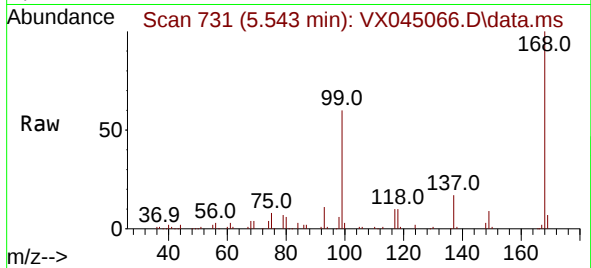
Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

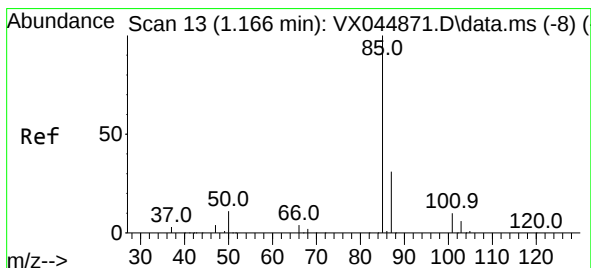
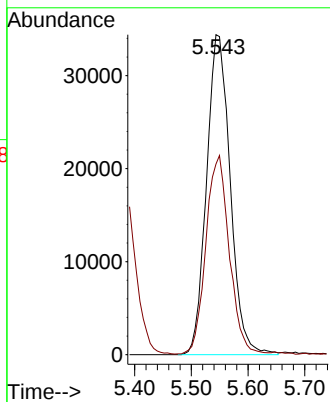
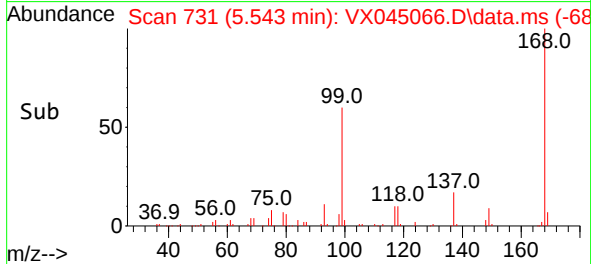
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



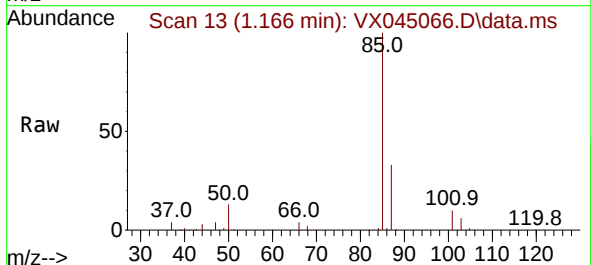
Tgt Ion:168 Resp: 99754
Ion Ratio Lower Upper
168 100
99 59.3 51.2 76.8

Manual Integrations
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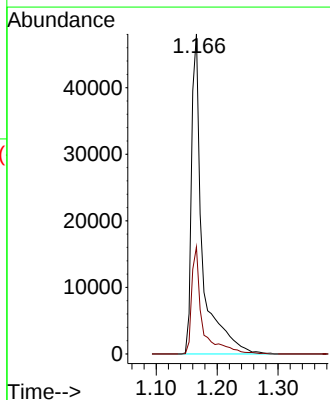
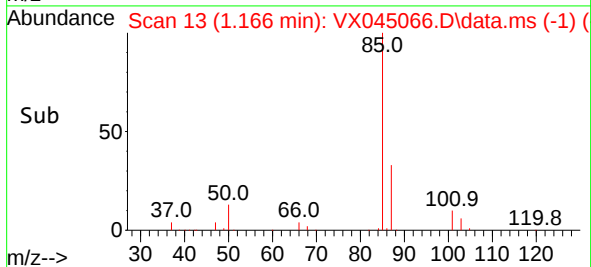
Reviewed By :John Carlone 02/28/2025
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#2
Dichlorodifluoromethane
Concen: 42.918 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



Tgt Ion: 85 Resp: 60046
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.3





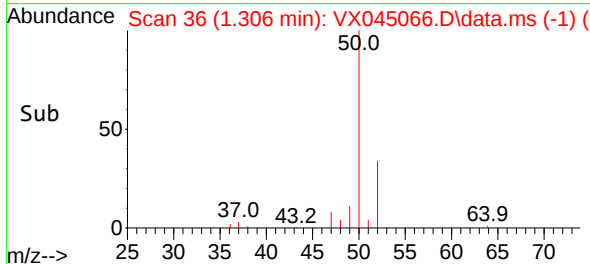
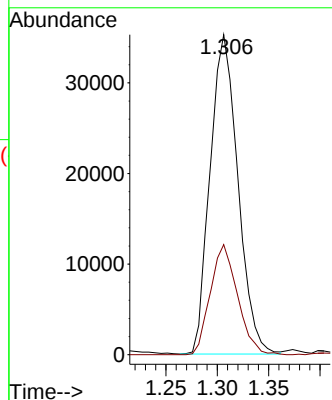
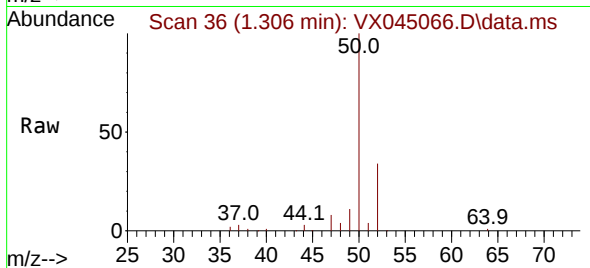
#3
Chloromethane
Concen: 39.047 ug/l
RT: 1.306 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 66490
Ion Ratio Lower Upper
50 100
52 34.4 25.9 38.9

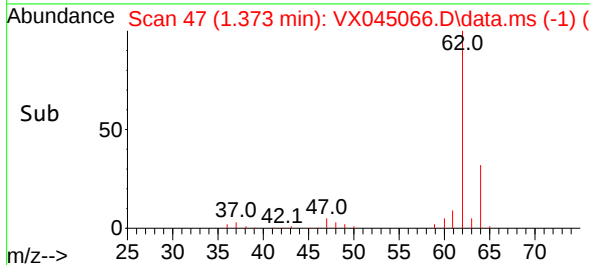
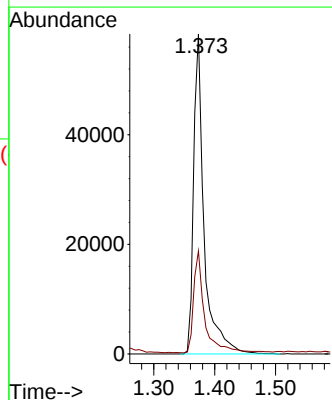
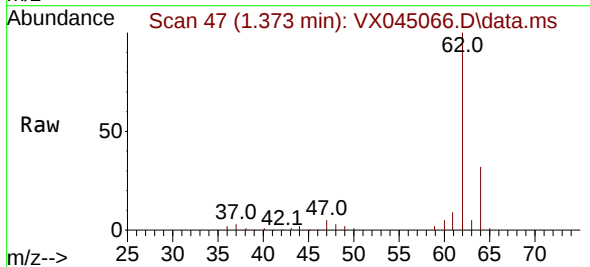
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#4
Vinyl Chloride
Concen: 42.121 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

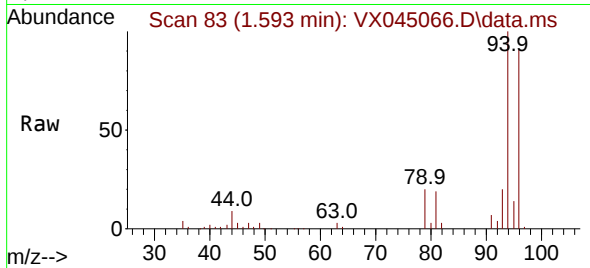
Tgt Ion: 62 Resp: 69485
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 53.986 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

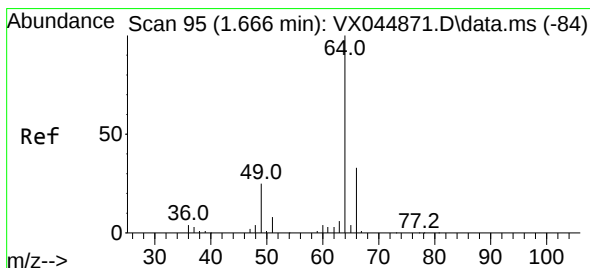
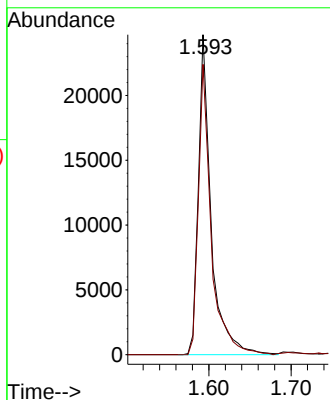
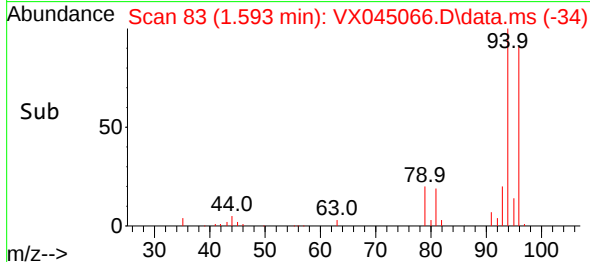
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 26650
Ion Ratio Lower Upper
94 100
96 90.8 71.6 107.4

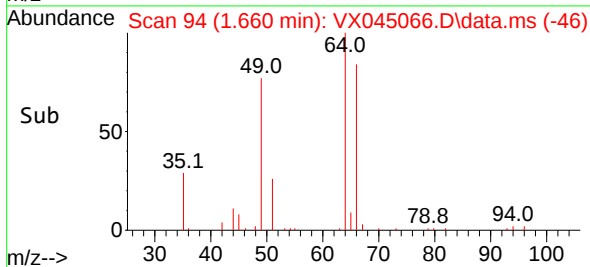
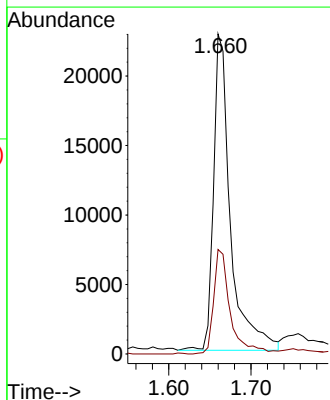
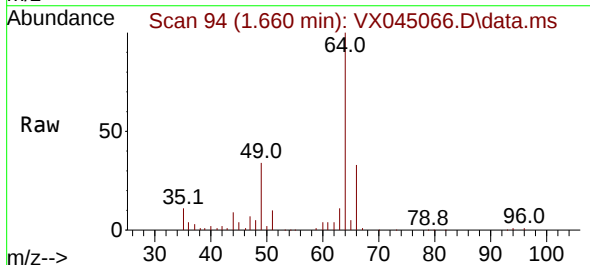
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#6
Chloroethane
Concen: 51.014 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

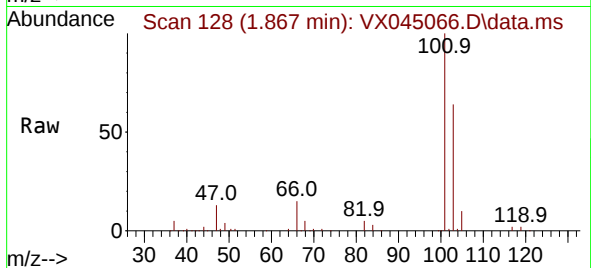
Tgt Ion: 64 Resp: 32534
Ion Ratio Lower Upper
64 100
66 32.8 25.9 38.9





#7
Trichlorofluoromethane
Concen: 47.609 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045066.D
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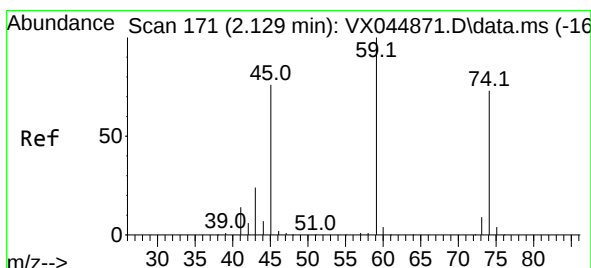
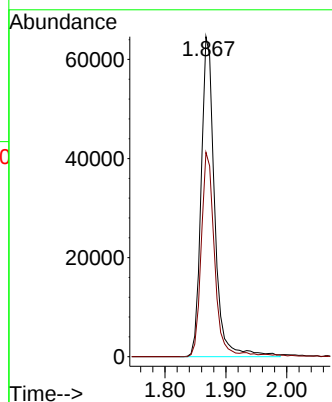
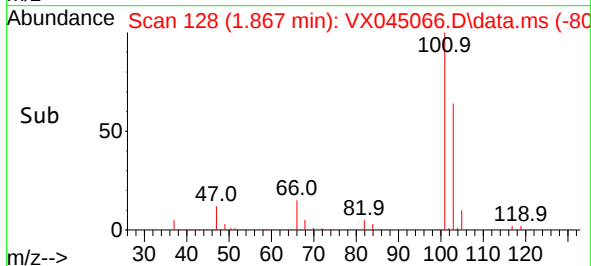
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 9932
Ion Ratio Lower Upper
101 100
103 63.9 52.4 78.6

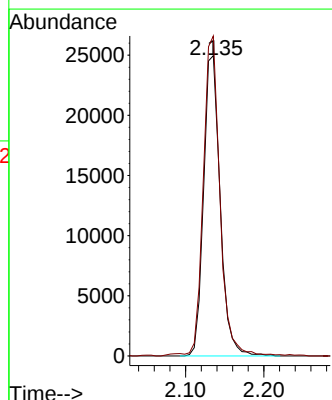
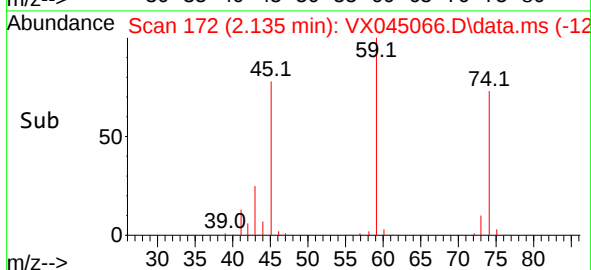
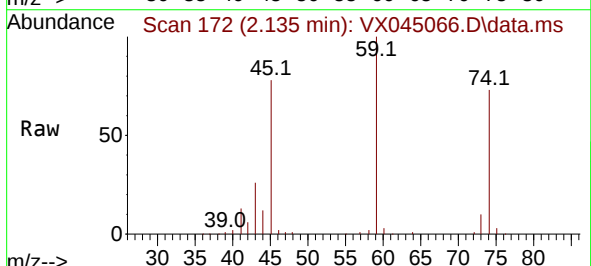
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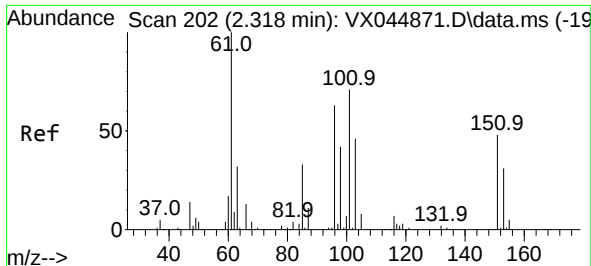
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#8
Diethyl Ether
Concen: 48.533 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion: 74 Resp: 36719
Ion Ratio Lower Upper
74 100
45 107.4 51.1 153.4





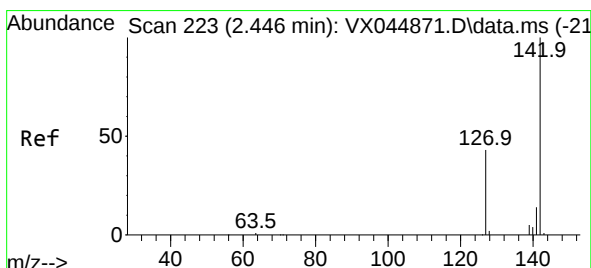
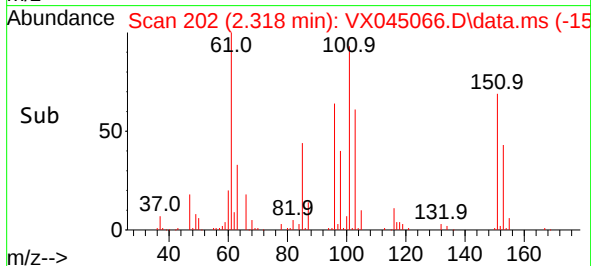
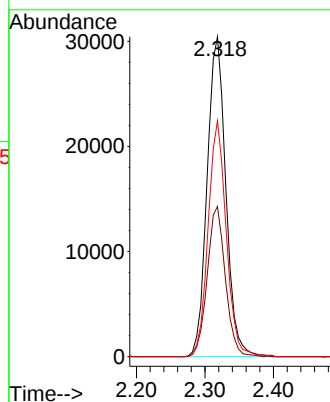
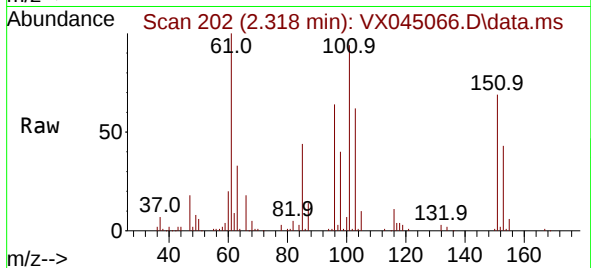
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.831 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5776
Ion Ratio Lower Upper
101 100
85 45.6 35.7 53.5
151 71.5 56.0 84.0

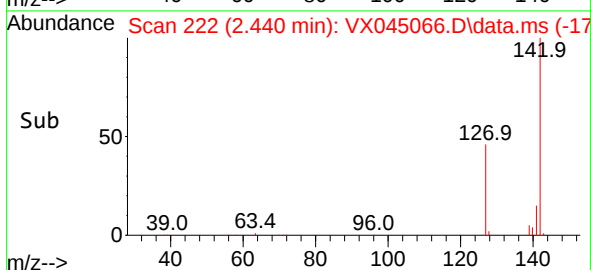
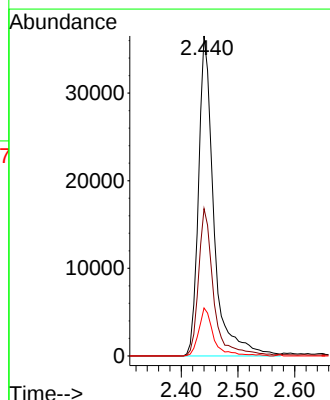
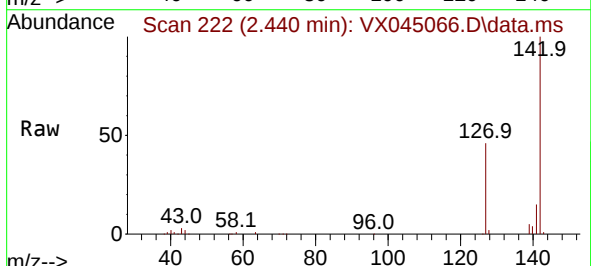
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APPROVED

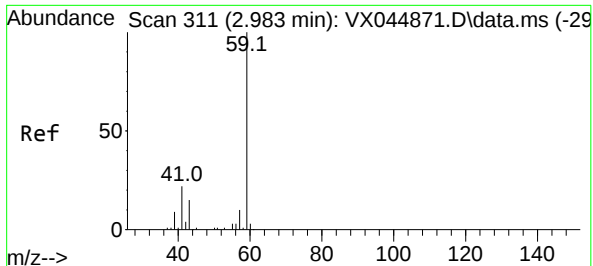
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#10
Methyl Iodide
Concen: 42.150 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion:142 Resp: 68856
Ion Ratio Lower Upper
142 100
127 45.1 34.3 51.5
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 260.415 ug/l

RT: 2.989 min Scan# 311

Delta R.T. 0.006 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 70549

Ion Ratio Lower Upper

59 100

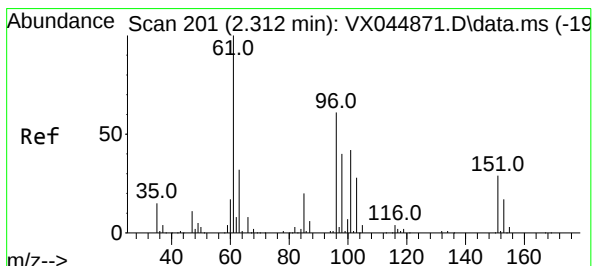
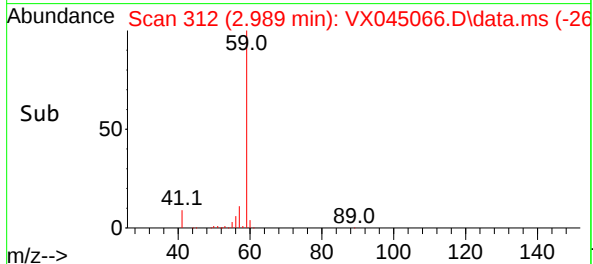
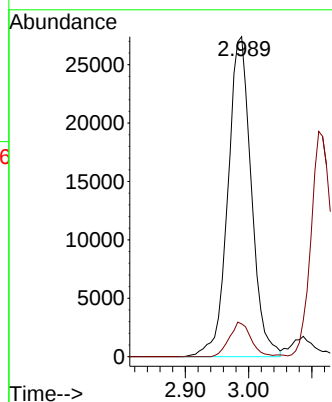
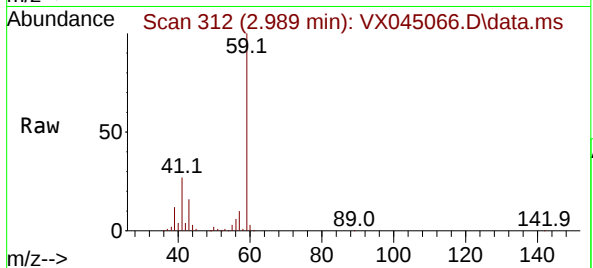
57 10.1 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#12

1,1-Dichloroethene

Concen: 44.142 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

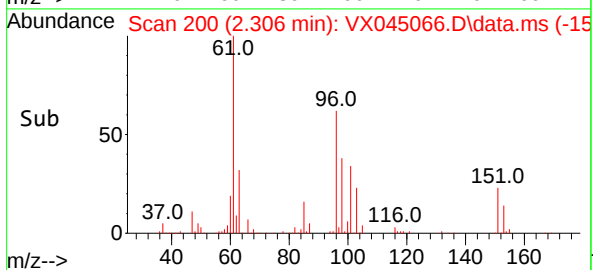
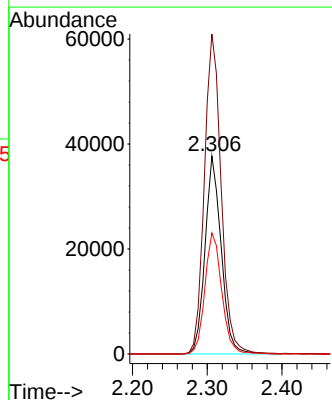
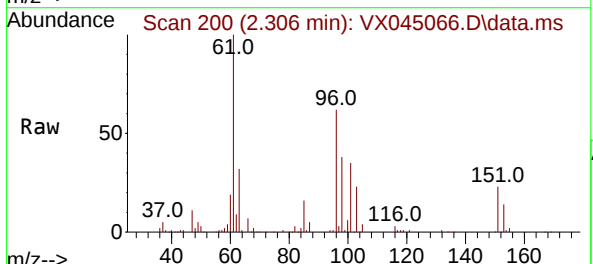
Tgt Ion: 96 Resp: 56755

Ion Ratio Lower Upper

96 100

61 161.7 130.2 195.4

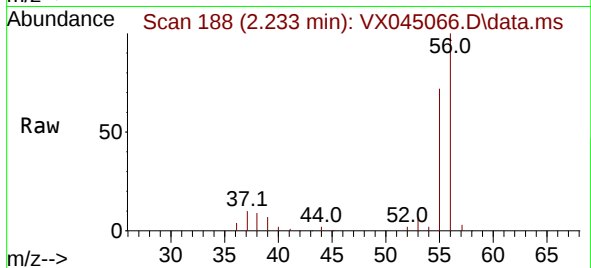
98 61.1 52.2 78.4





#13
Acrolein
Concen: 266.734 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

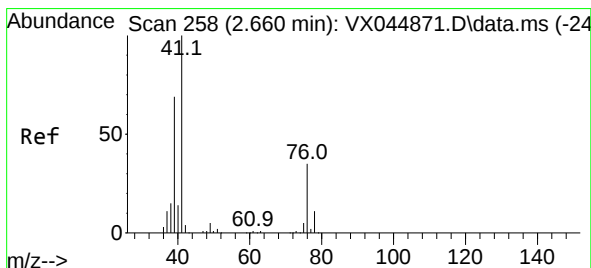
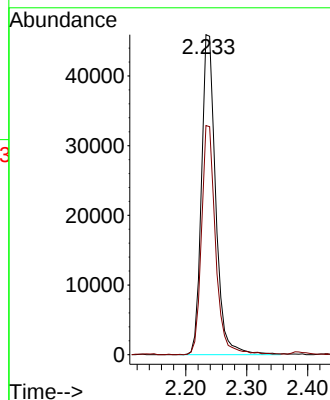
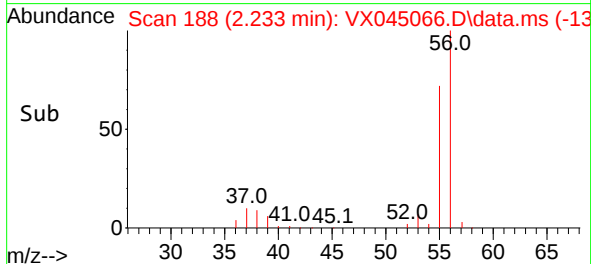
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7455
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5

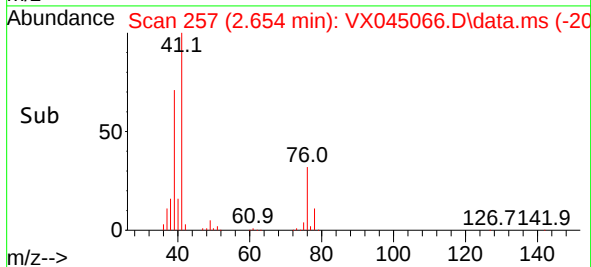
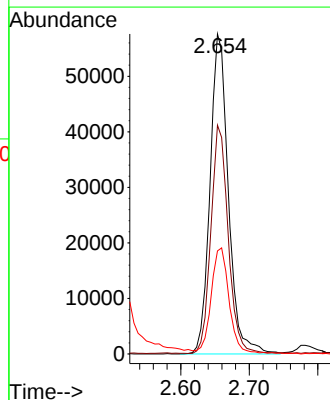
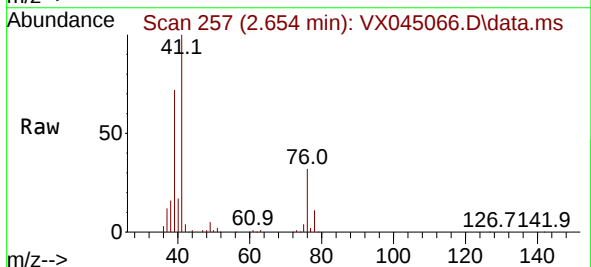
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 46.215 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

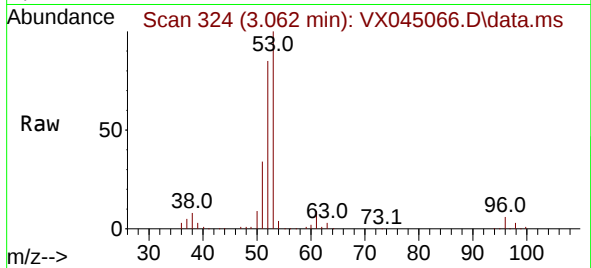
Tgt Ion: 41 Resp: 107388
Ion Ratio Lower Upper
41 100
39 67.2 51.4 77.2
76 32.9 27.0 40.4





#15
Acrylonitrile
Concen: 276.264 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

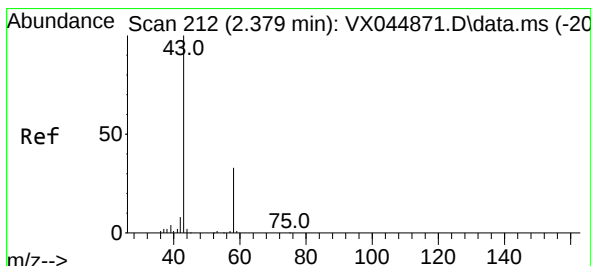
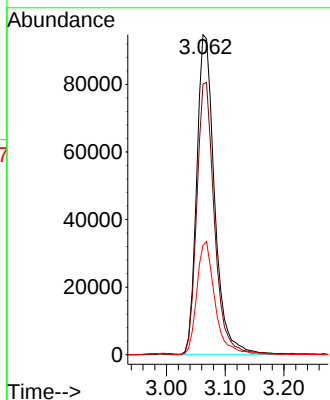
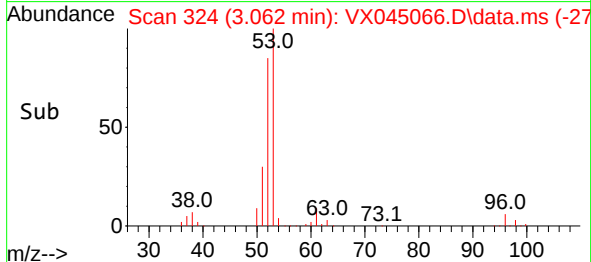
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 19981
Ion Ratio Lower Upper
53 100
52 84.7 65.0 97.6
51 35.9 28.0 42.0

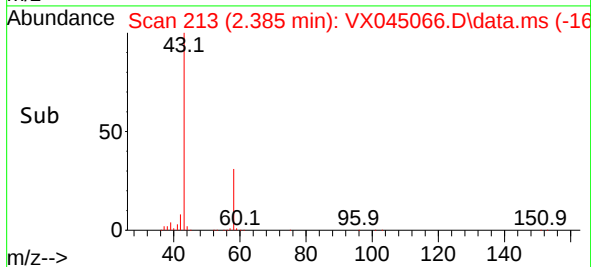
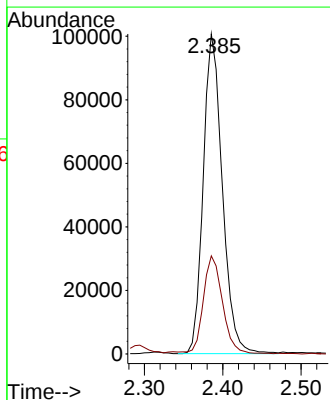
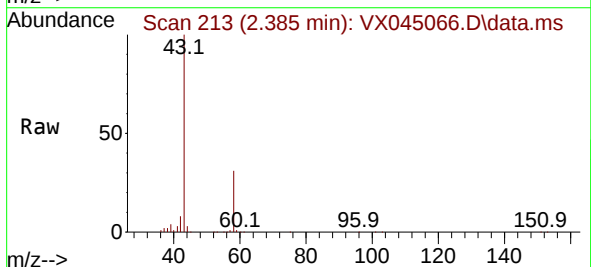
Manual Integrations
APPROVED

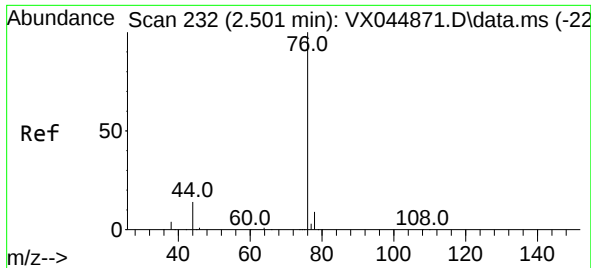
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#16
Acetone
Concen: 289.953 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion: 43 Resp: 170208
Ion Ratio Lower Upper
43 100
58 30.5 26.5 39.7





#17

Carbon Disulfide

Concen: 37.248 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13132

Ion Ratio Lower Upper

76 100

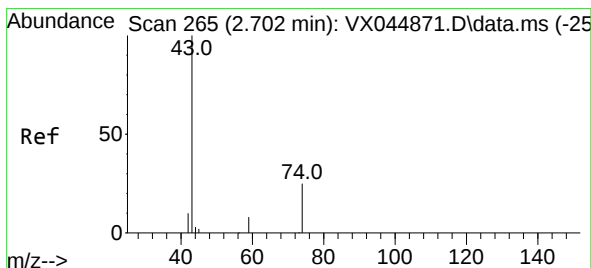
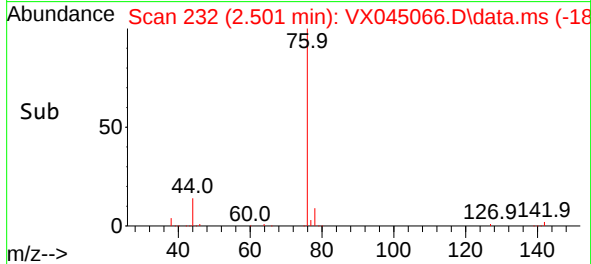
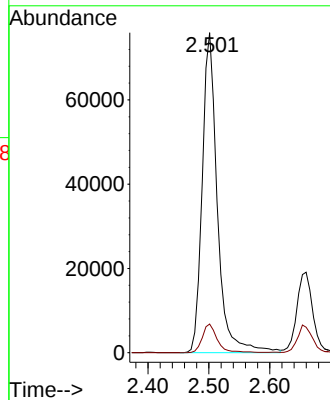
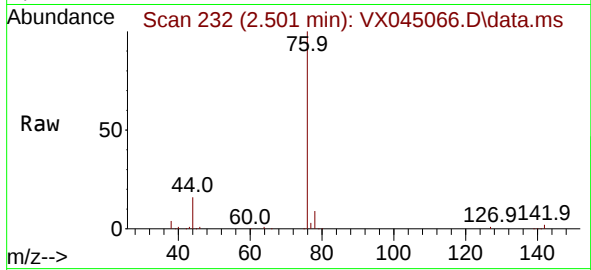
78 9.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

Methyl Acetate

Concen: 64.441 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045066.D

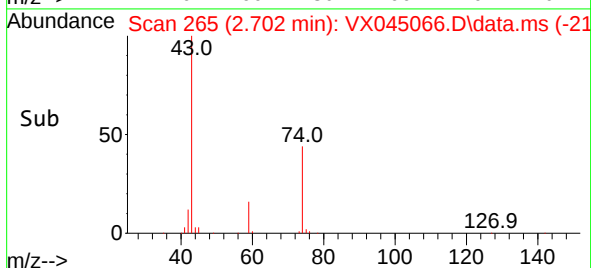
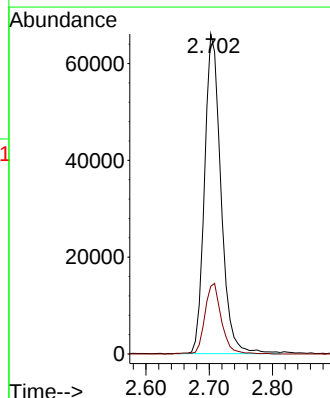
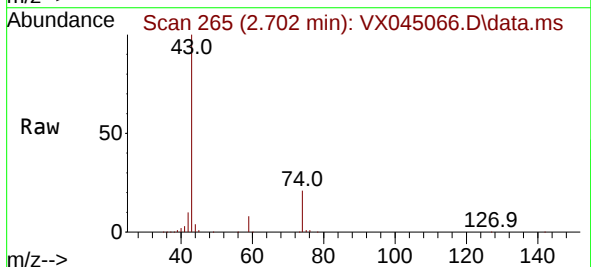
Acq: 27 Feb 2025 16:29

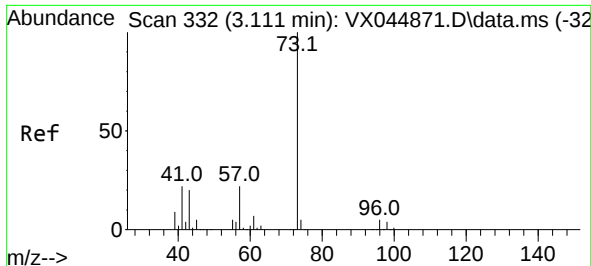
Tgt Ion: 43 Resp: 119371

Ion Ratio Lower Upper

43 100

74 22.2 18.9 28.3





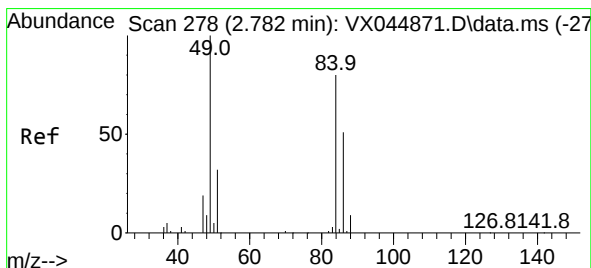
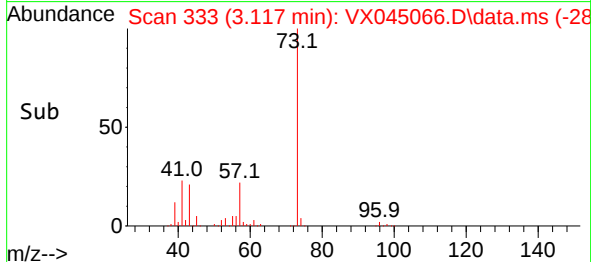
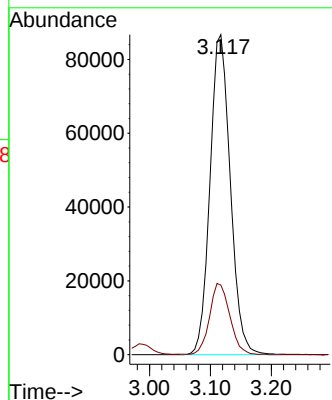
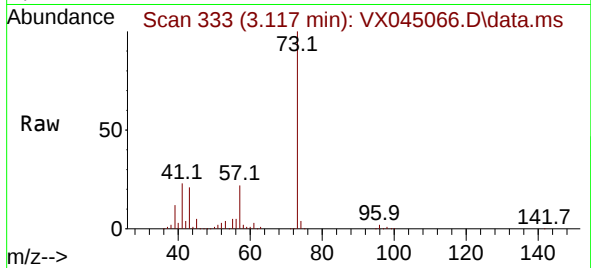
#19
Methyl tert-butyl Ether
Concen: 49.075 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 20075
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

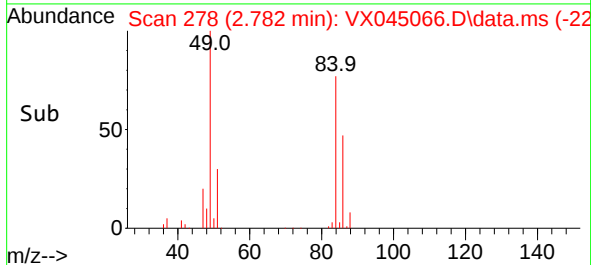
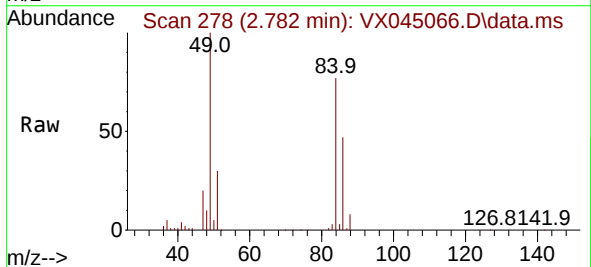
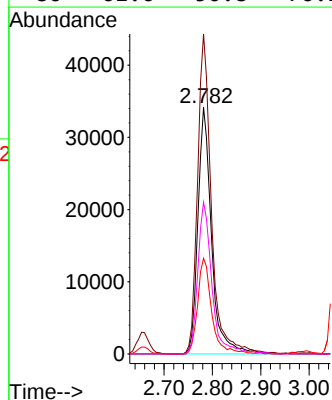
Manual Integrations
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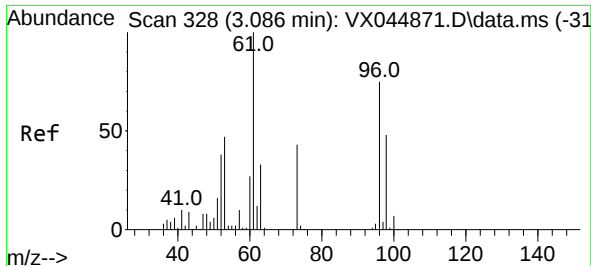
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 46.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

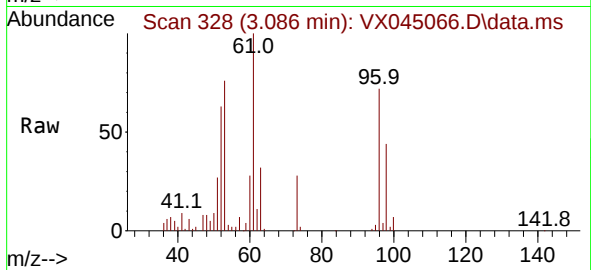
Tgt Ion: 84 Resp: 67299
Ion Ratio Lower Upper
84 100
49 129.8 100.1 150.1
51 38.8 31.7 47.5
86 61.6 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 45.122 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

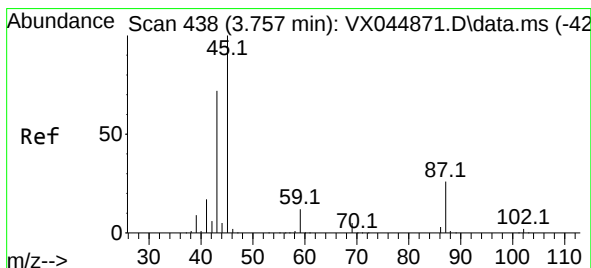
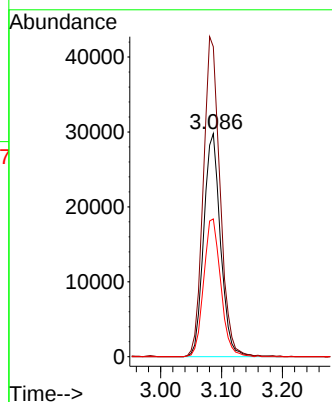
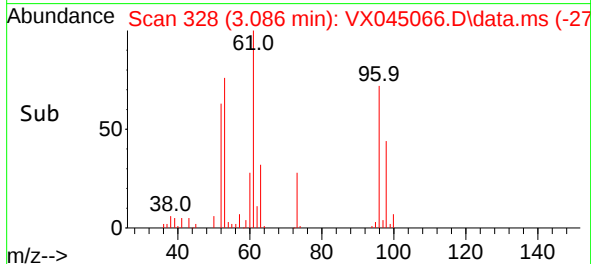
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



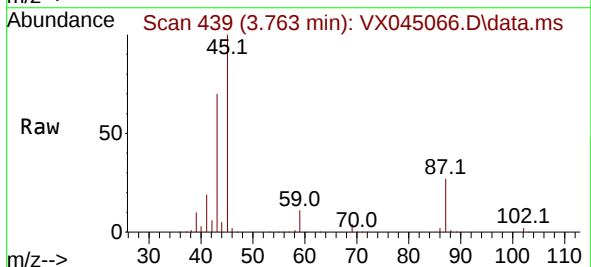
Tgt Ion: 96 Resp: 57100
Ion Ratio Lower Upper
96 100
61 139.0 106.0 159.0
98 61.8 50.6 76.0

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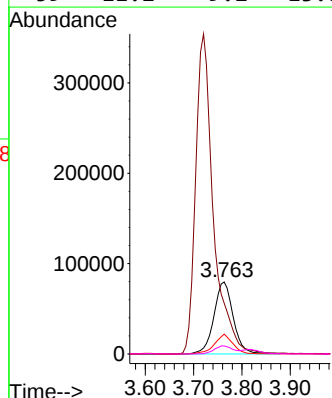
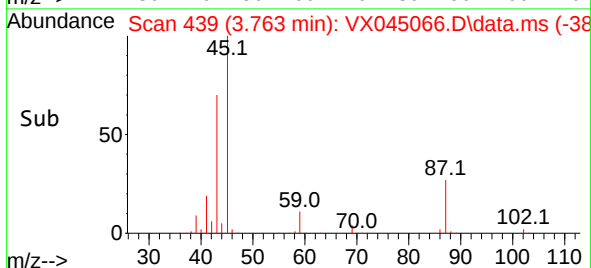
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

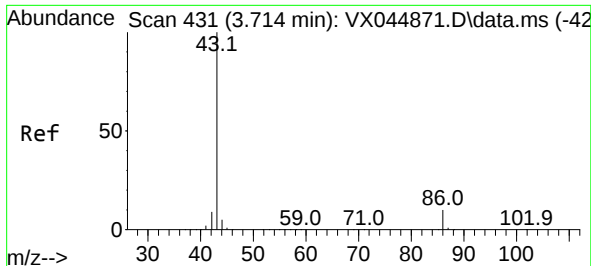


#22
Diisopropyl ether
Concen: 50.334 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



Tgt Ion: 45 Resp: 221275
Ion Ratio Lower Upper
45 100
43 70.1 58.0 87.0
87 27.5 20.7 31.1
59 11.2 9.2 13.8





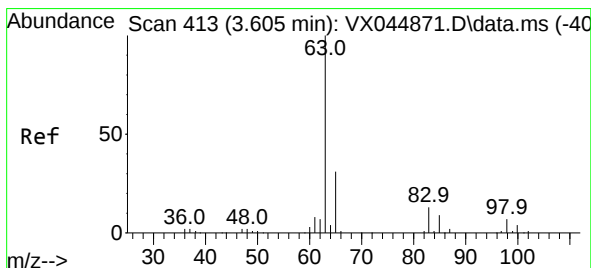
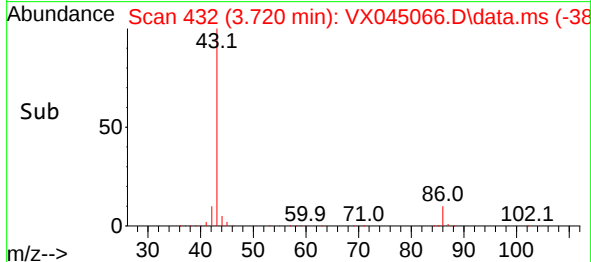
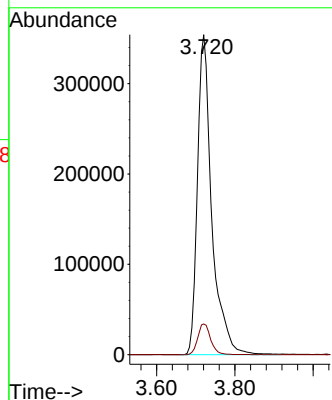
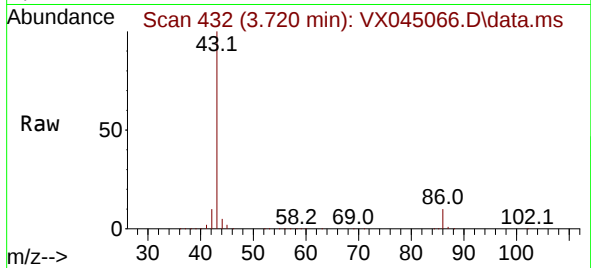
#23
 Vinyl Acetate
 Concen: 252.273 ug/l
 RT: 3.720 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX045066.D
 Acq: 27 Feb 2025 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 904134
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.3 12.5

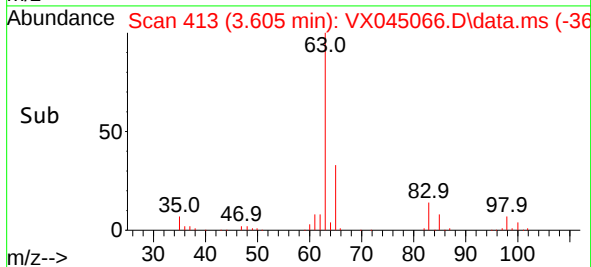
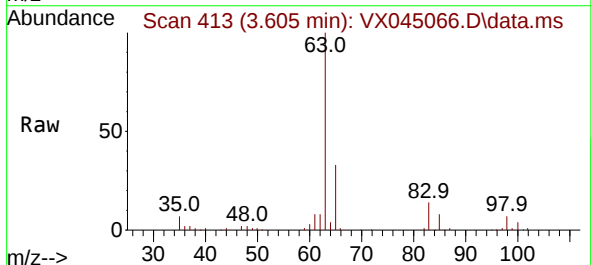
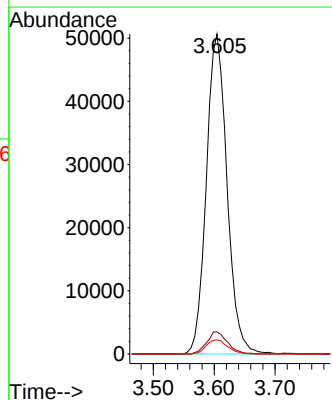
Manual Integrations
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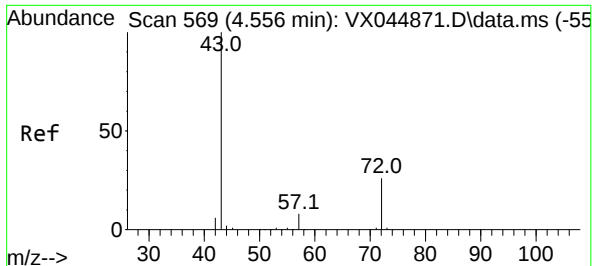
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#24
 1,1-Dichloroethane
 Concen: 48.624 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045066.D
 Acq: 27 Feb 2025 16:29

Tgt Ion: 63 Resp: 119605
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.4 2.1 6.5





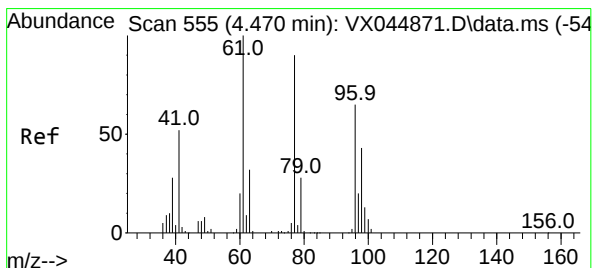
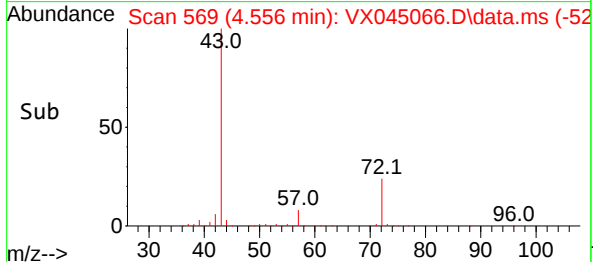
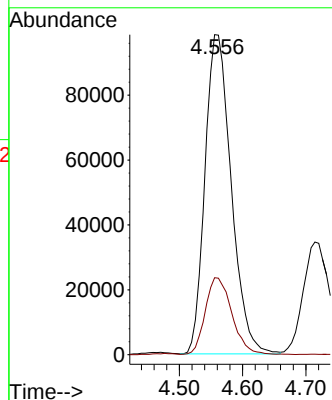
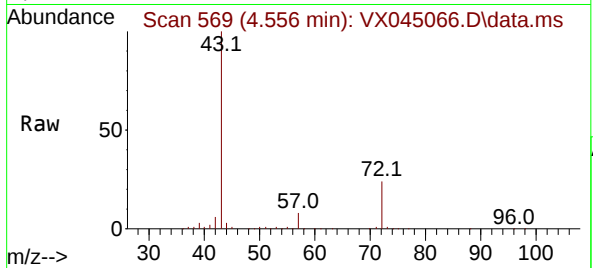
#25
2-Butanone
Concen: 297.891 ug/l
RT: 4.556 min Scan# 509
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 283954
Ion Ratio Lower Upper
43 100
72 24.0 21.2 31.8

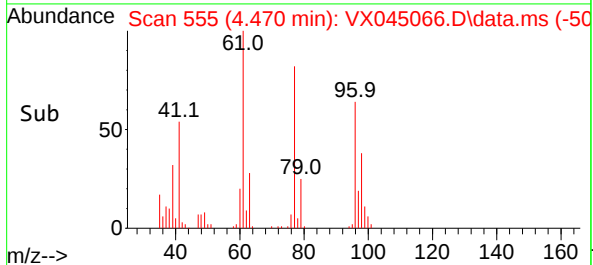
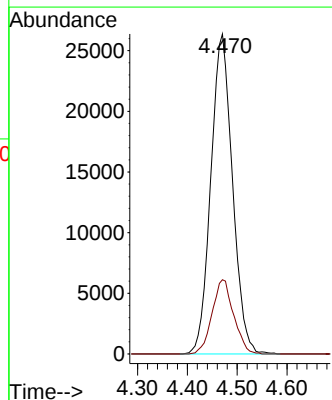
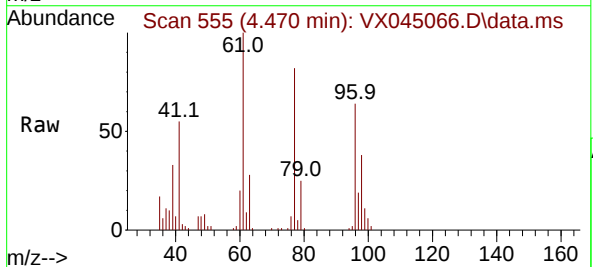
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 40.794 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion: 77 Resp: 79576
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.021 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 7299

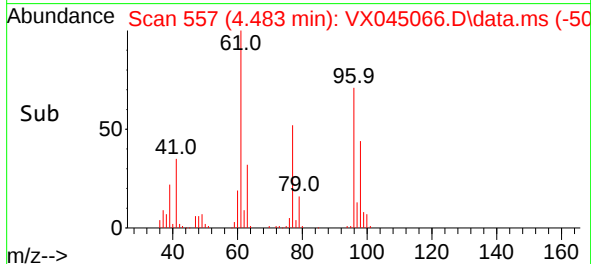
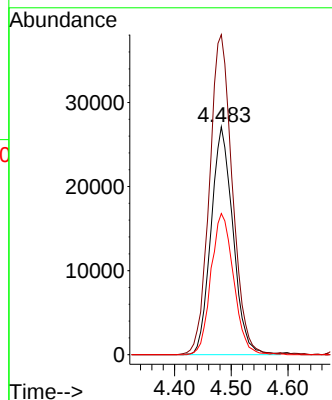
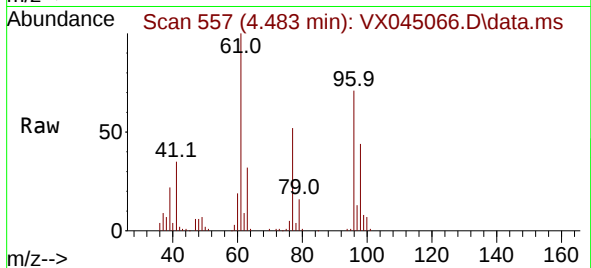
Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	294.0
98	63.6	0.0	131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 50.503 ug/l

RT: 4.891 min Scan# 624

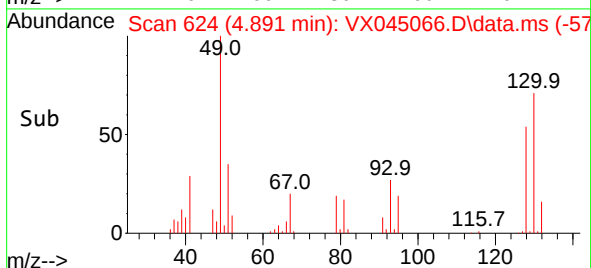
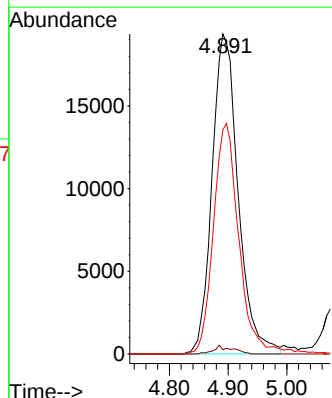
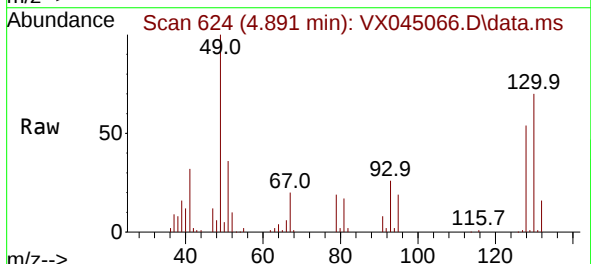
Delta R.T. -0.000 min

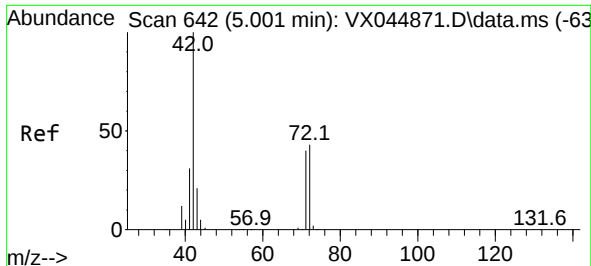
Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Tgt Ion: 49 Resp: 59701

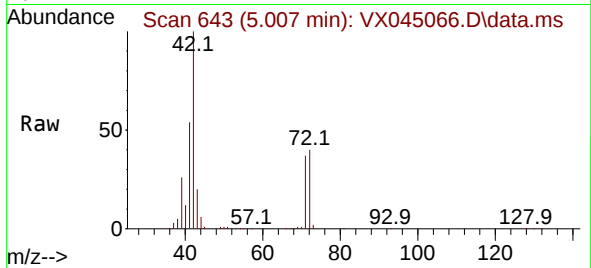
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	70.7	56.7	85.1





#29
Tetrahydrofuran
Concen: 291.727 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

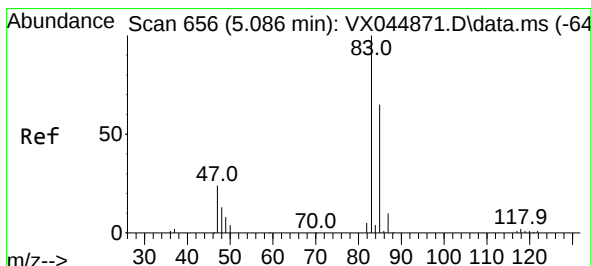
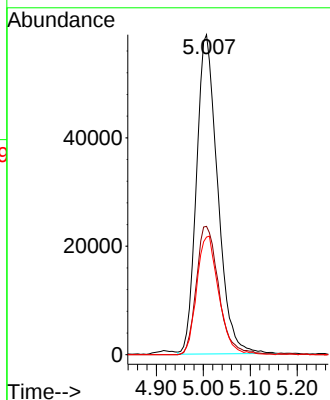
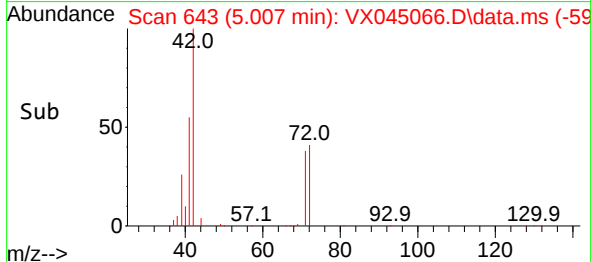
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



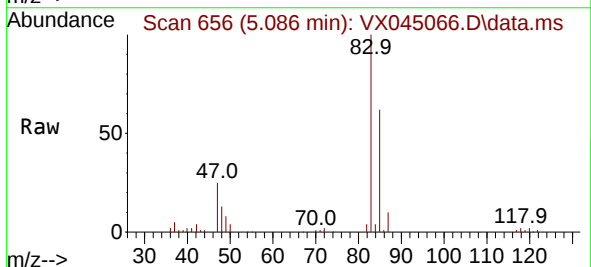
Tgt Ion: 42 Resp: 184650
Ion Ratio Lower Upper
42 100
72 42.6 35.0 52.4
71 38.7 32.6 48.8

Manual Integrations
APPROVED

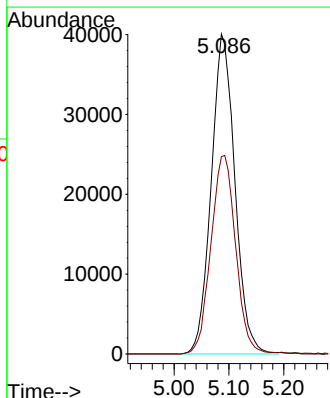
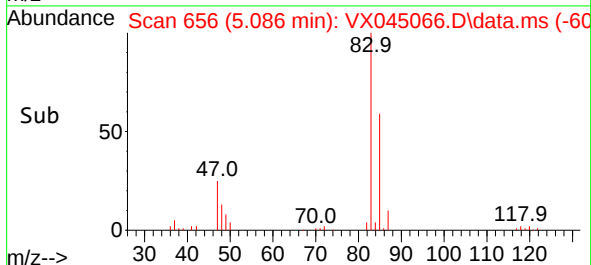
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

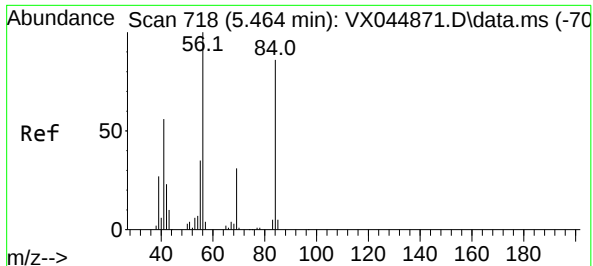


#30
Chloroform
Concen: 50.391 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



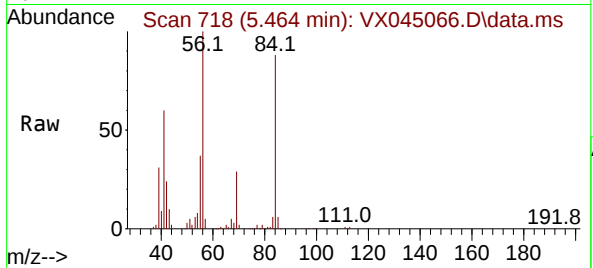
Tgt Ion: 83 Resp: 120207
Ion Ratio Lower Upper
83 100
85 61.6 52.1 78.1





#31
Cyclohexane
Concen: 42.063 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

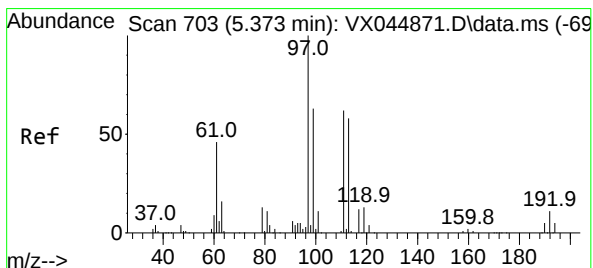
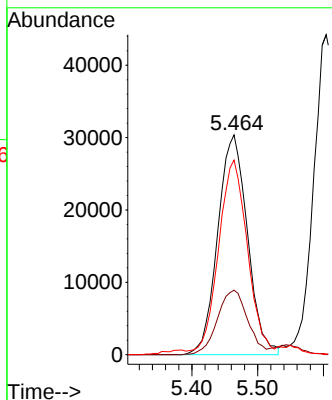
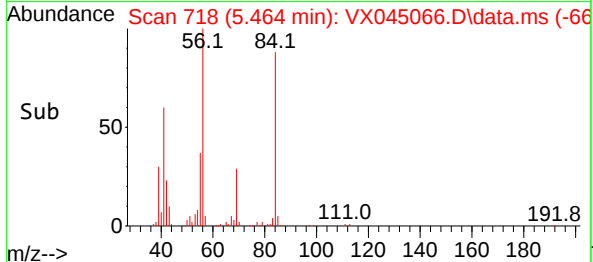
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



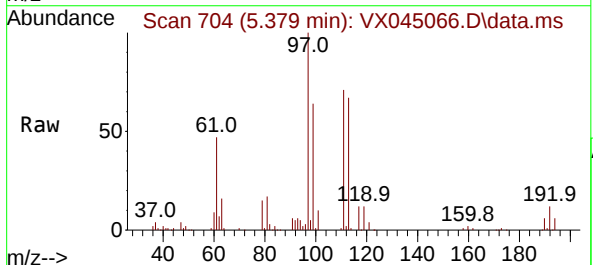
Tgt Ion: 56 Resp: 95386
Ion Ratio Lower Upper
56 100
69 29.3 24.4 36.6
84 86.4 69.0 103.6

Manual Integrations
APPROVED

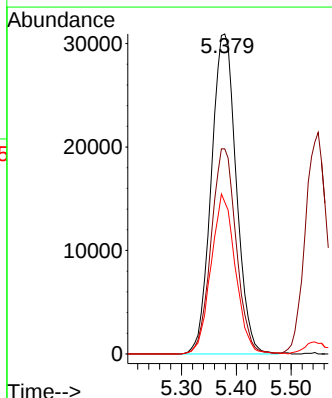
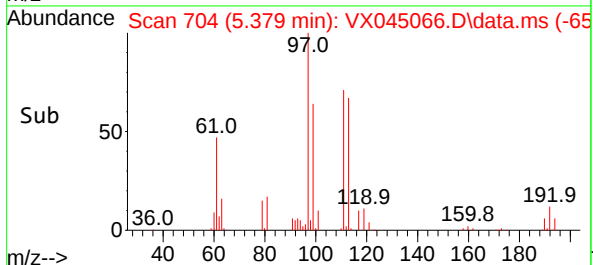
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

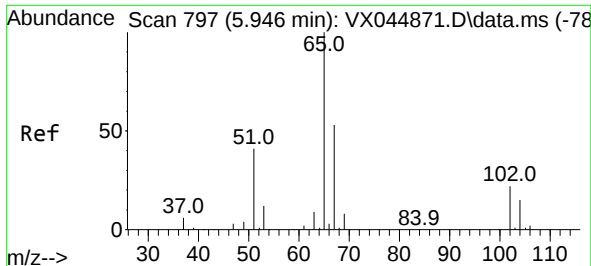


#32
1,1,1-Trichloroethane
Concen: 48.337 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



Tgt Ion: 97 Resp: 97805
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 48.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.868 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7719

Ion Ratio Lower Upper

65 100

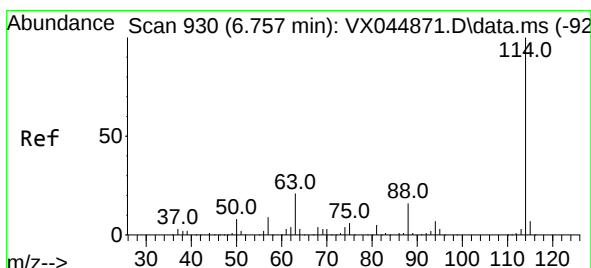
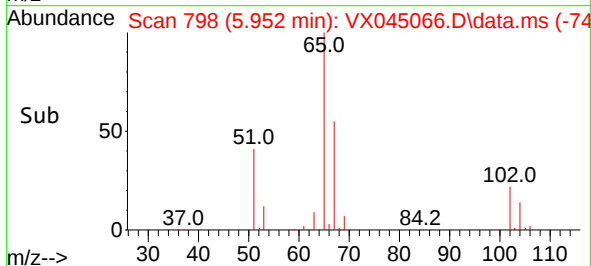
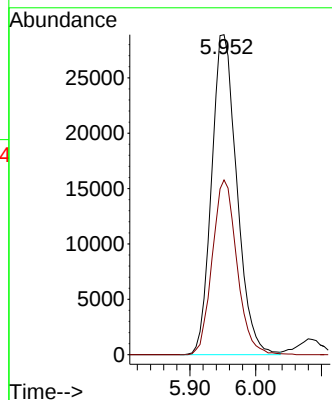
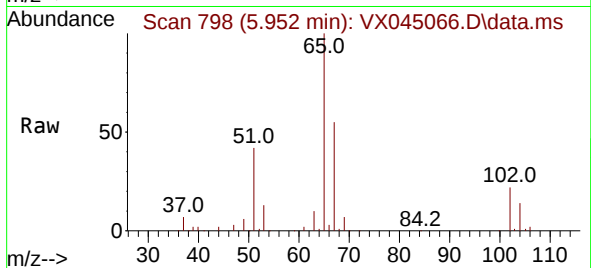
67 53.4 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

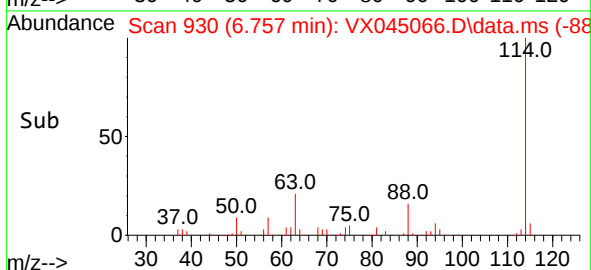
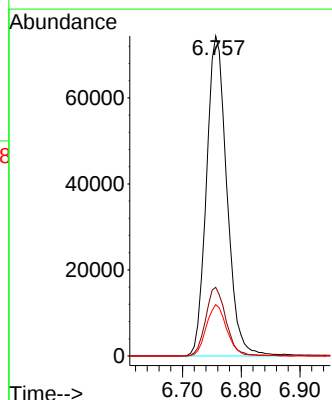
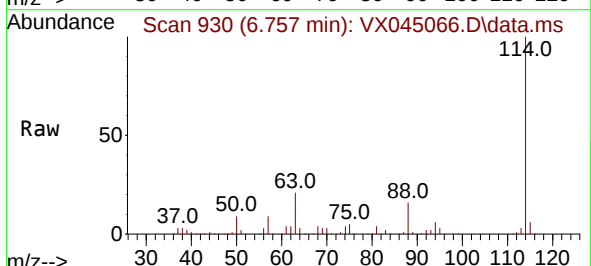
Tgt Ion:114 Resp: 179347

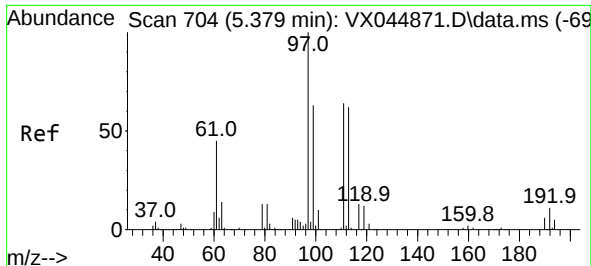
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

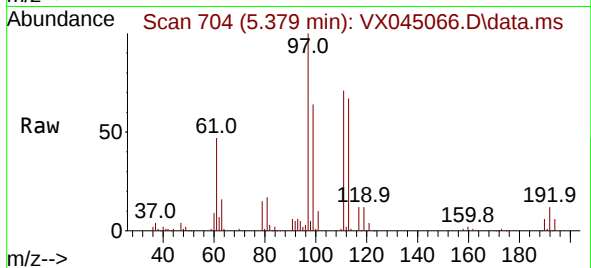
88 16.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 53.018 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

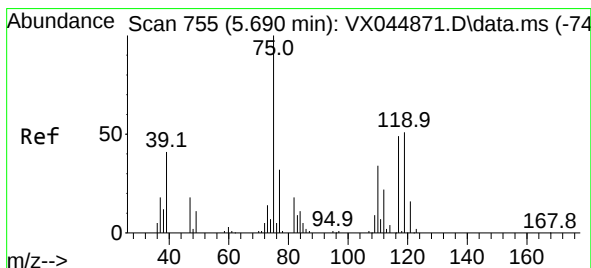
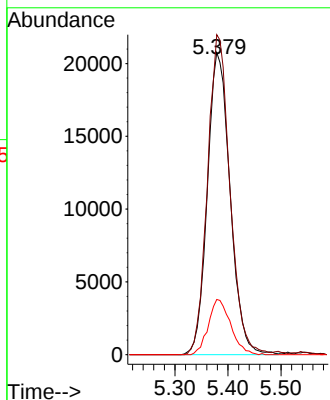
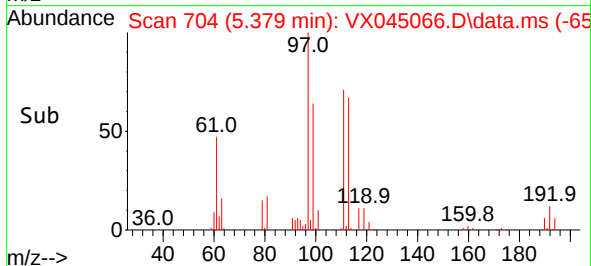
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 6182
Ion Ratio Lower Upper
113 100
111 104.5 83.5 125.3
192 17.9 14.4 21.6

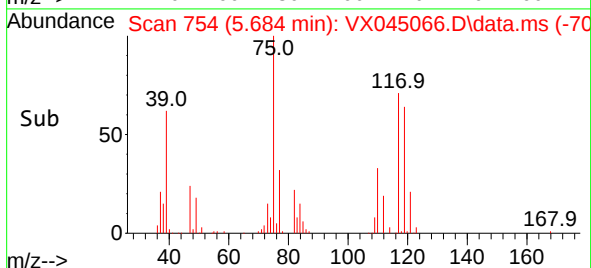
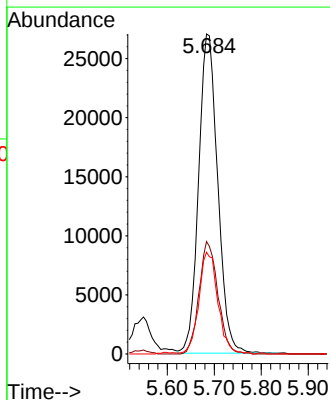
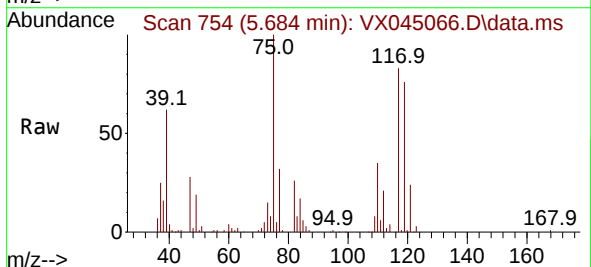
Manual Integrations
APPROVED

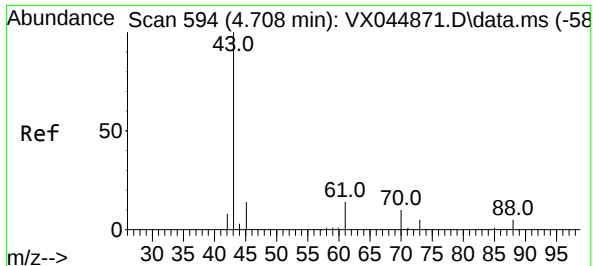
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#36
1,1-Dichloropropene
Concen: 45.346 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

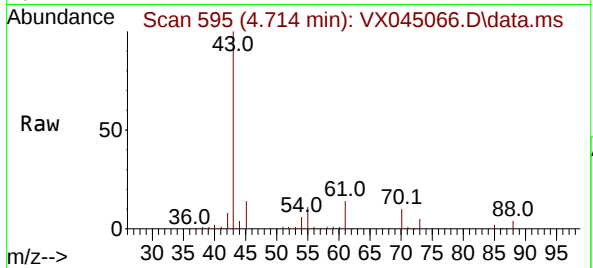
Tgt Ion: 75 Resp: 76285
Ion Ratio Lower Upper
75 100
110 34.7 17.2 51.6
77 31.8 24.6 37.0





#37
Ethyl Acetate
Concen: 55.983 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

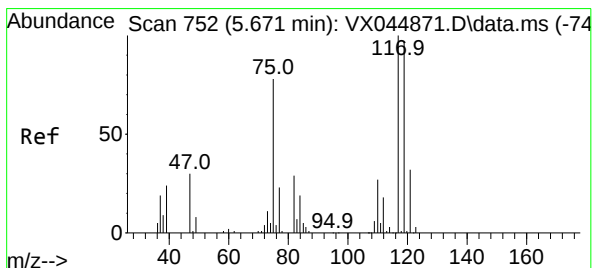
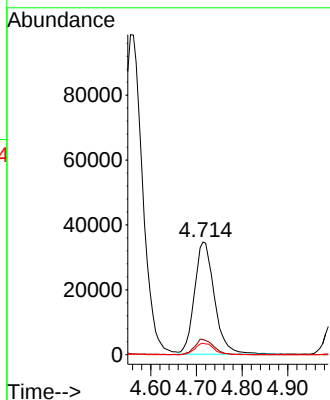
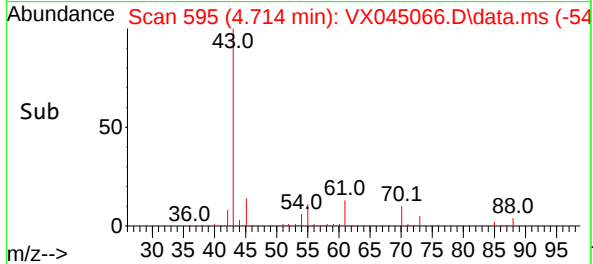
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10475
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.4
70 9.6 8.2 12.2

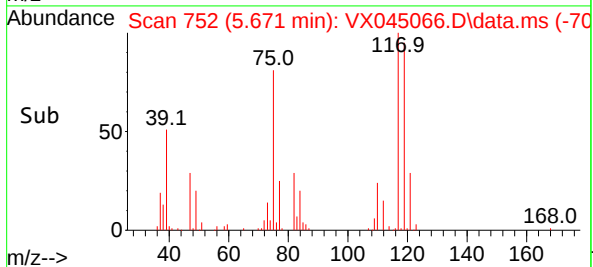
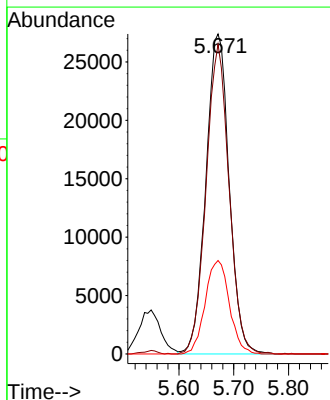
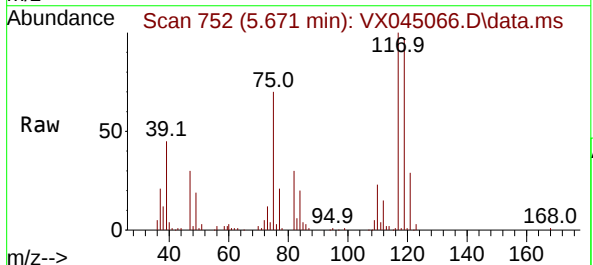
Manual Integrations
APPROVED

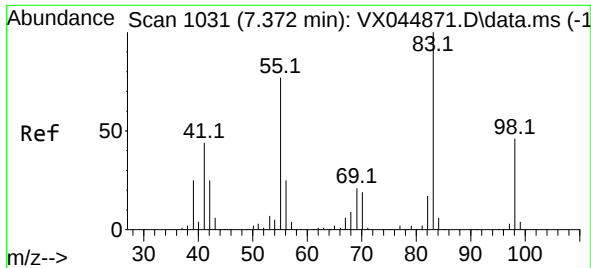
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#38
Carbon Tetrachloride
Concen: 49.117 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion:117 Resp: 80972
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3
121 29.2 25.6 38.4





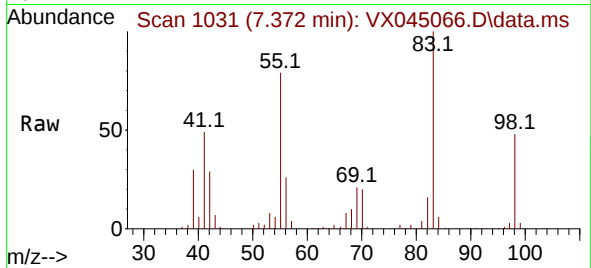
#39
Methylcyclohexane
Concen: 44.326 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



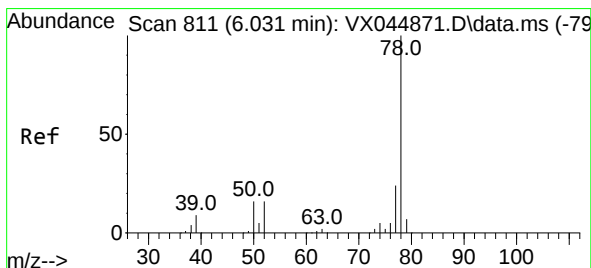
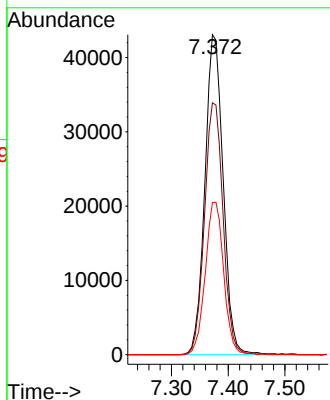
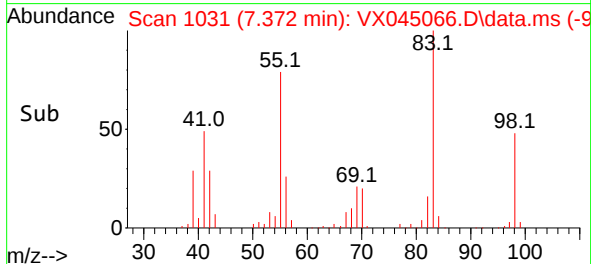
Tgt Ion: 83 Resp: 9640
Ion Ratio Lower Upper
83 100
55 78.7 61.3 91.9
98 47.6 37.0 55.6

Manual Integrations

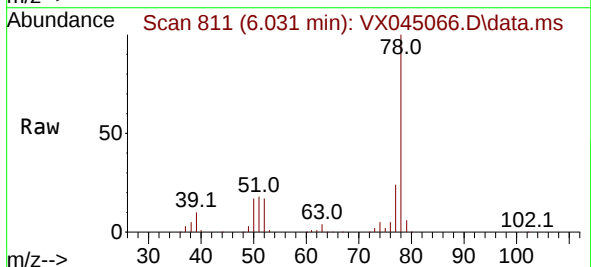
APPROVED

Reviewed By :John Carlone 02/28/2025

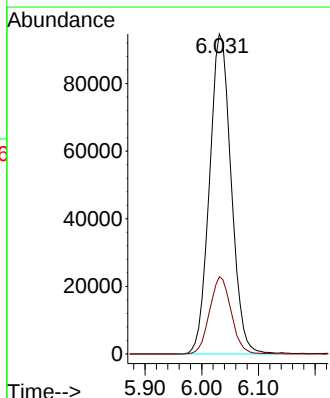
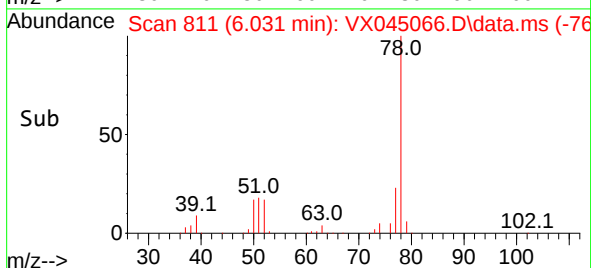
Supervised By :Mahesh Dadoda 02/28/2025



#40
Benzene
Concen: 47.892 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



Tgt Ion: 78 Resp: 251581
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 60.626 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

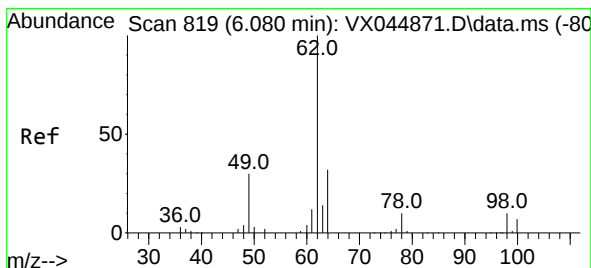
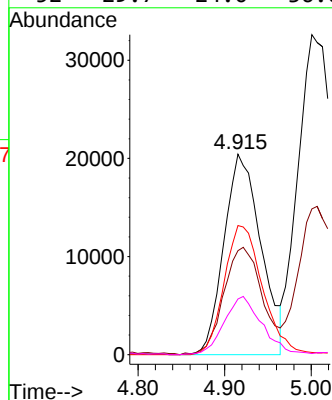
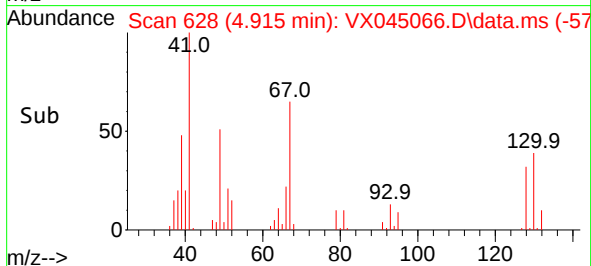
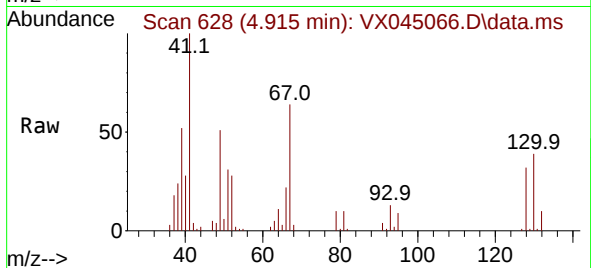
Tgt Ion: 41 Resp: 6072
Ion Ratio Lower Upper
41 100
39 55.9 43.1 64.7
67 67.6 57.0 85.6
52 29.7 24.0 36.0

Manual Integrations

APPROVED

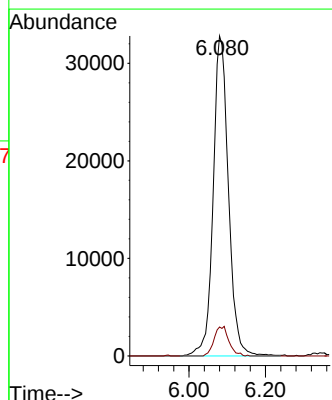
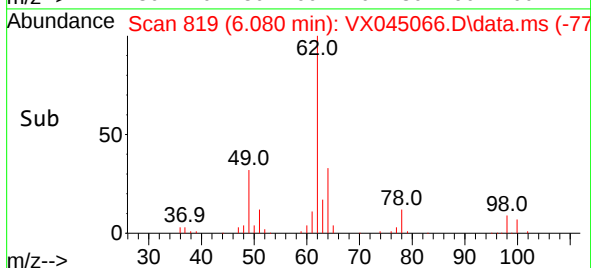
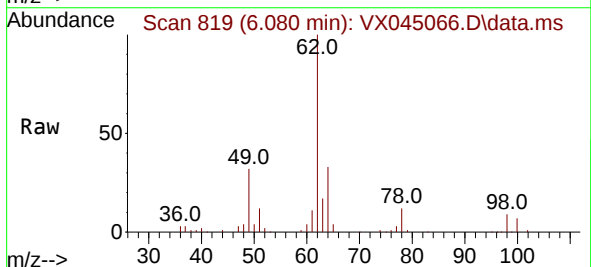
Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 54.221 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion: 62 Resp: 90778
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 53.625 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 162038

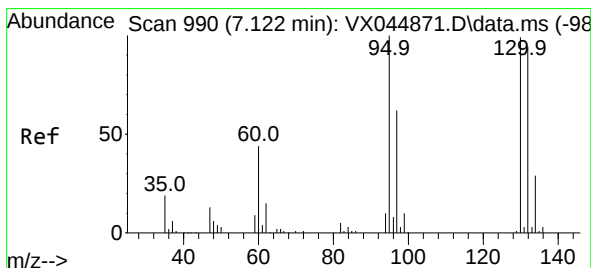
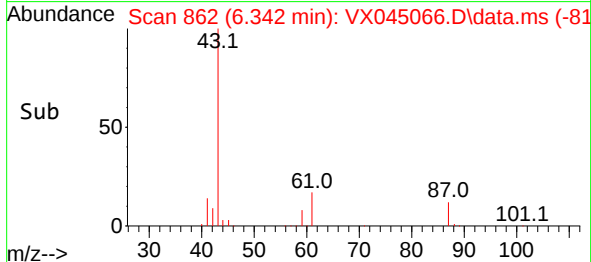
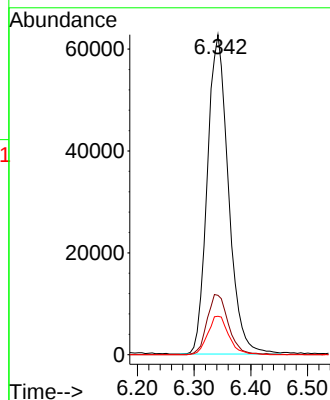
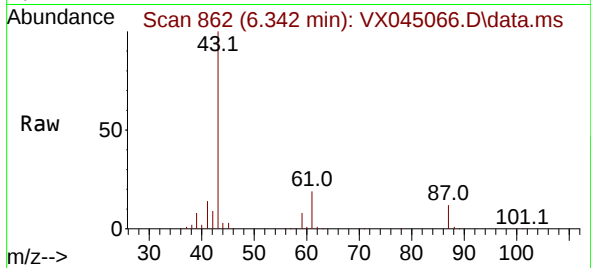
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.8	23.8
87	12.0	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#44

Trichloroethene

Concen: 48.244 ug/l

RT: 7.122 min Scan# 990

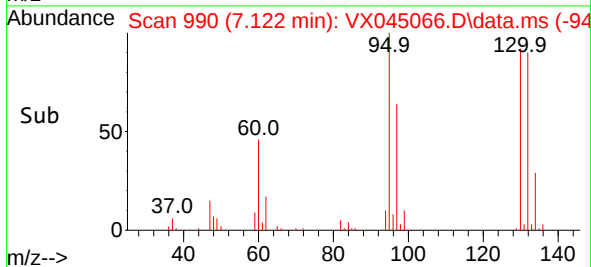
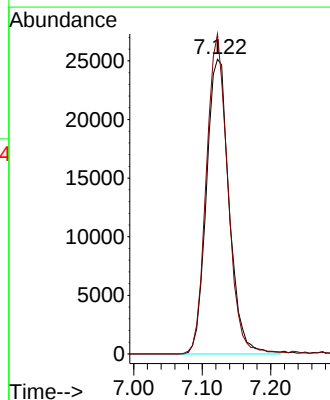
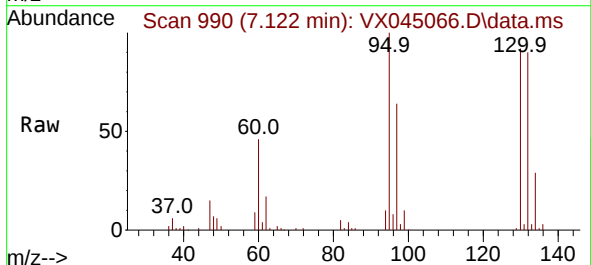
Delta R.T. -0.000 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Tgt Ion:130 Resp: 57928

Ion	Ratio	Lower	Upper
130	100		
95	108.6	0.0	202.4





#45

1,2-Dichloropropane

Concen: 50.311 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6575

Ion Ratio Lower Upper

63 100

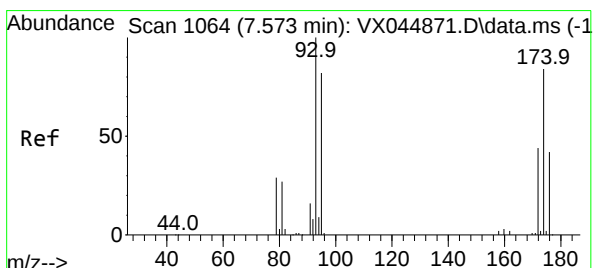
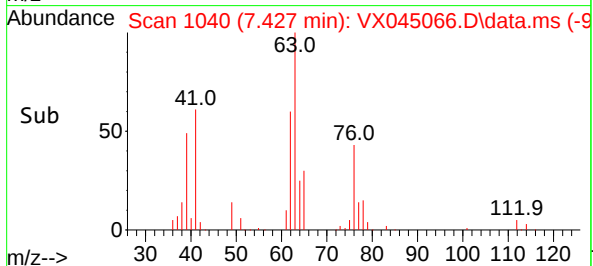
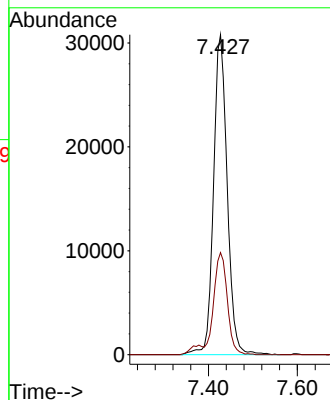
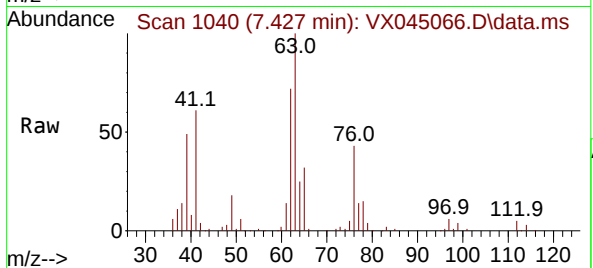
65 31.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 52.197 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

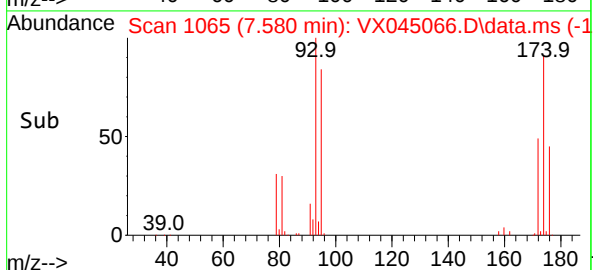
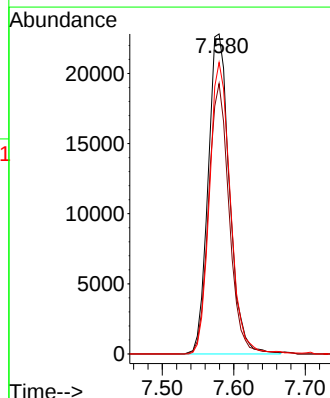
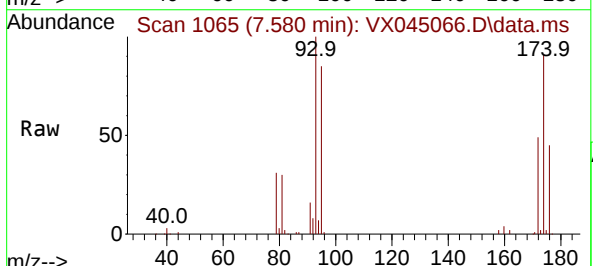
Tgt Ion: 93 Resp: 47308

Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.4

174 89.2 69.9 104.9





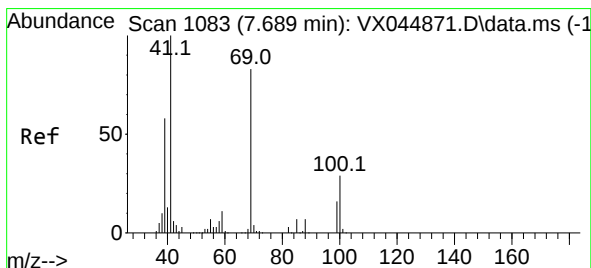
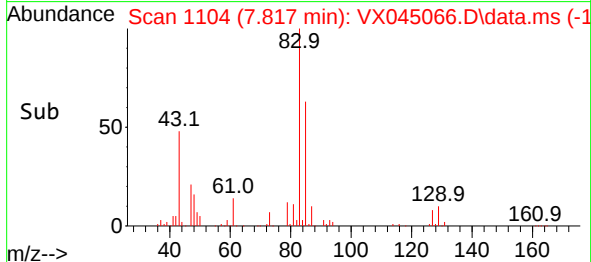
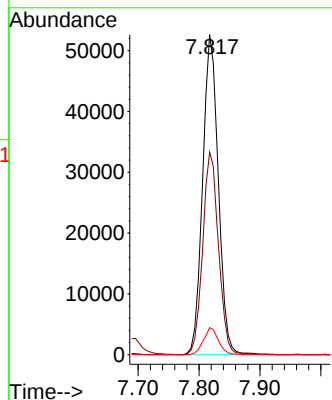
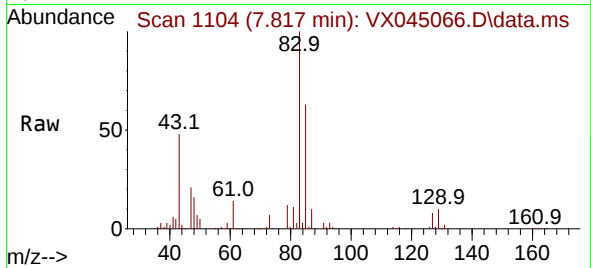
#47
Bromodichloromethane
Concen: 53.694 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 94229
Ion Ratio Lower Upper
83 100
85 63.3 50.0 75.0
127 8.4 6.4 9.6

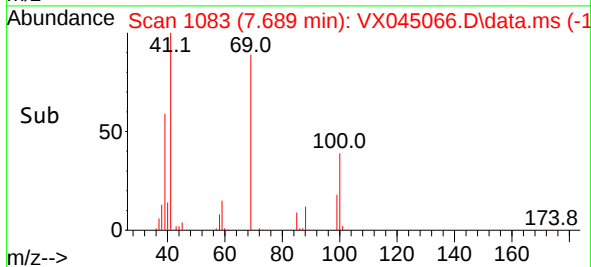
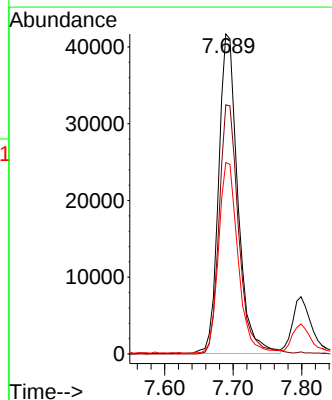
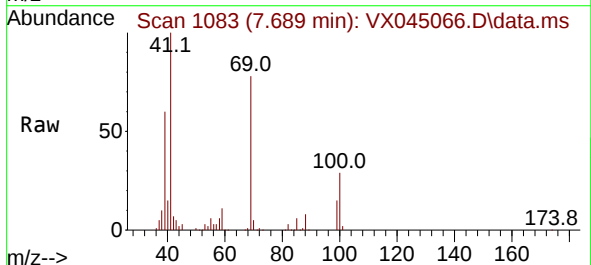
Manual Integrations
APPROVED

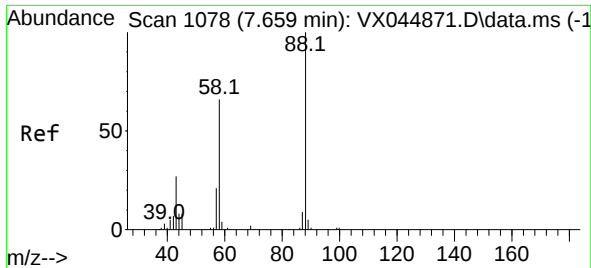
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#48
Methyl methacrylate
Concen: 56.723 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

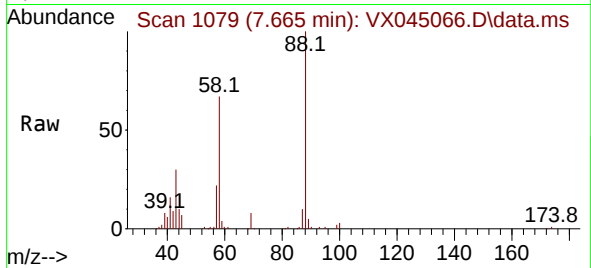
Tgt Ion: 41 Resp: 80817
Ion Ratio Lower Upper
41 100
69 79.3 65.8 98.8
39 60.5 46.4 69.6





#49
1,4-Dioxane
Concen: 1126.430 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

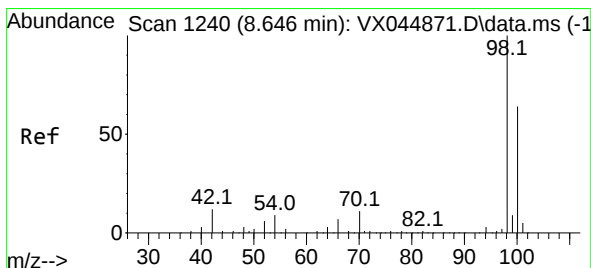
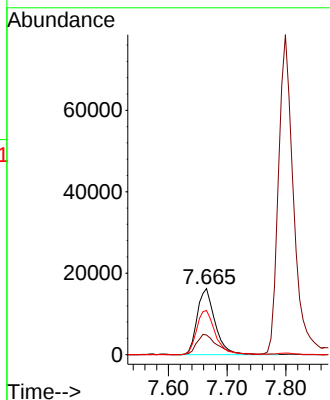
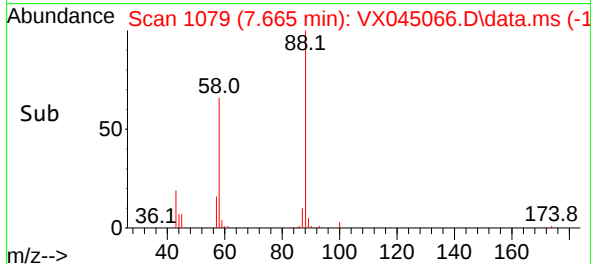
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 3443
Ion Ratio Lower Upper
88 100
43 36.2 26.6 39.8
58 70.0 55.9 83.9

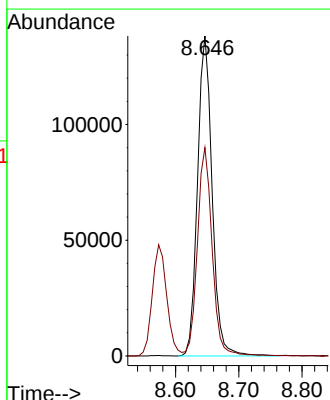
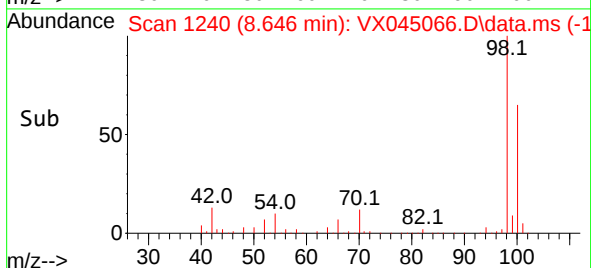
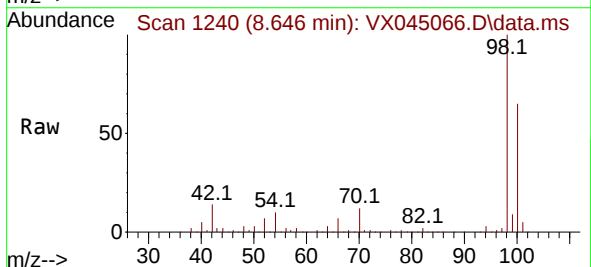
Manual Integrations
APPROVED

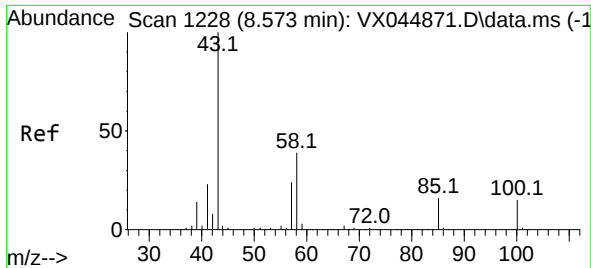
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#50
Toluene-d8
Concen: 50.540 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

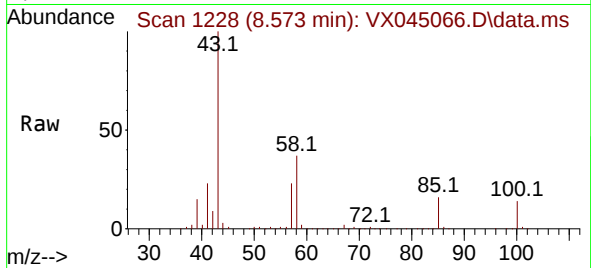
Tgt Ion: 98 Resp: 222848
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 298.918 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

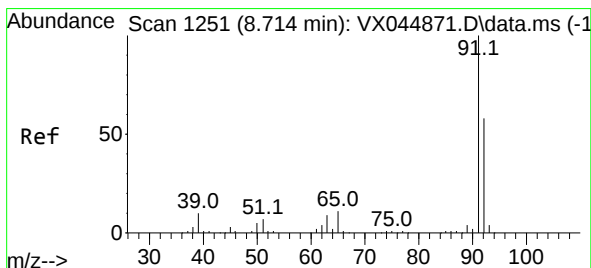
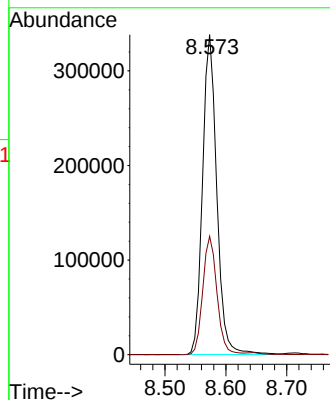
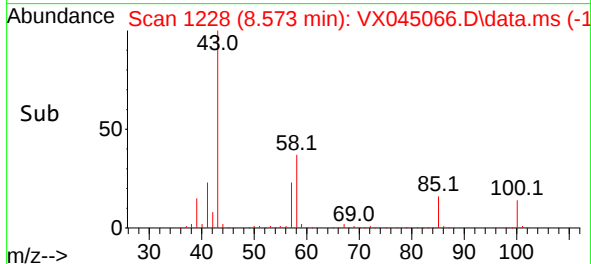
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 549118
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2

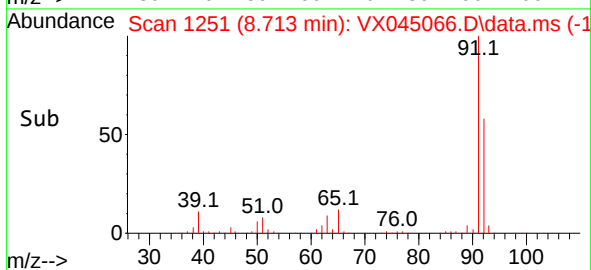
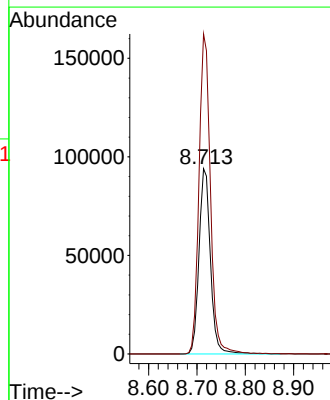
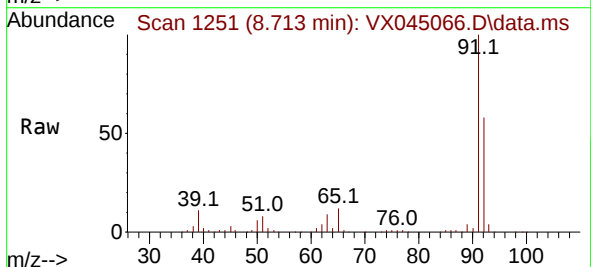
Manual Integrations
APPROVED

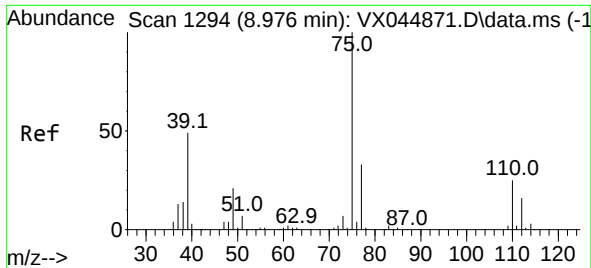
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 49.180 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

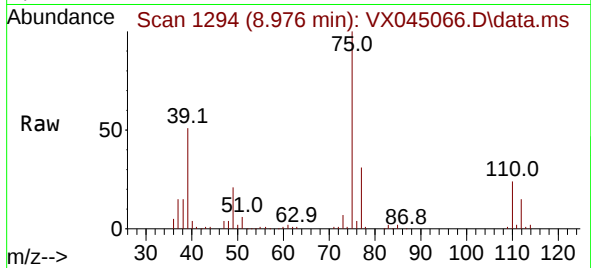
Tgt Ion: 92 Resp: 153860
Ion Ratio Lower Upper
92 100
91 172.8 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 48.103 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

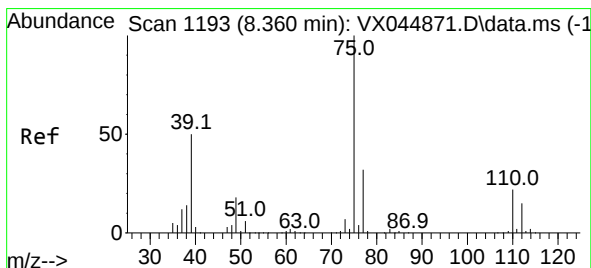
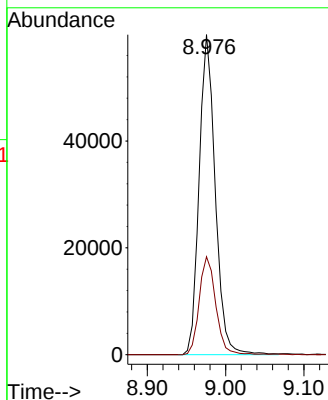
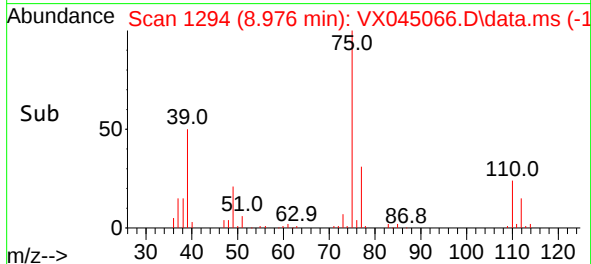
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



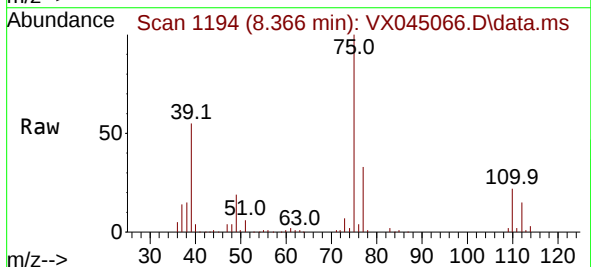
Tgt Ion: 75 Resp: 8542
Ion Ratio Lower Upper
75 100
77 30.6 26.0 39.0

Manual Integrations
APPROVED

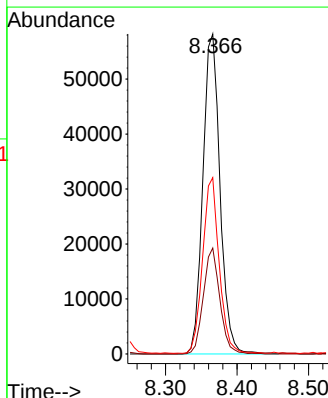
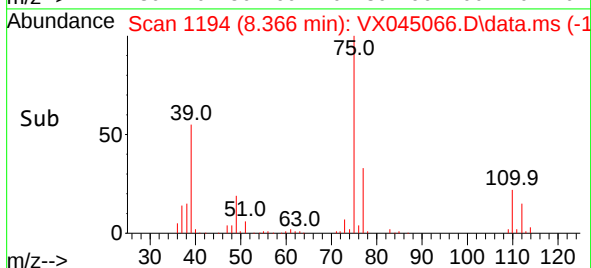
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#54
cis-1,3-Dichloropropene
Concen: 48.876 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



Tgt Ion: 75 Resp: 96777
Ion Ratio Lower Upper
75 100
77 33.1 25.3 37.9
39 54.9 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 51.640 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

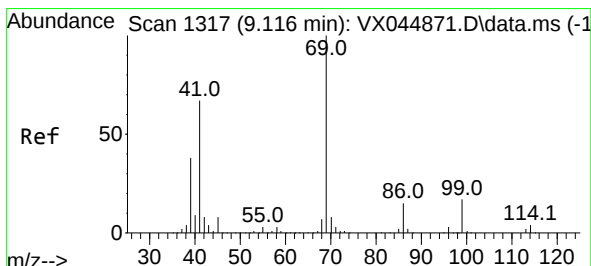
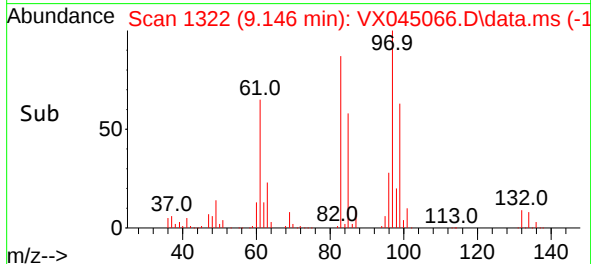
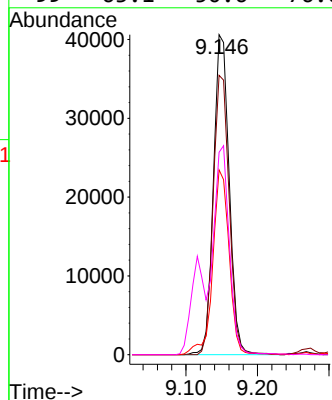
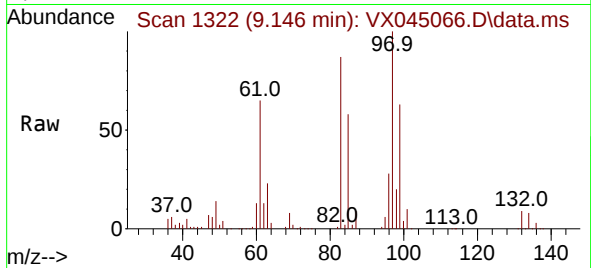
VSTDCCC050EC

Tgt Ion: 97 Resp: 6210
Ion Ratio Lower Upper
97 100
83 87.3 69.8 104.6
85 57.8 44.8 67.2
99 63.1 50.6 76.0

Manual Integrations

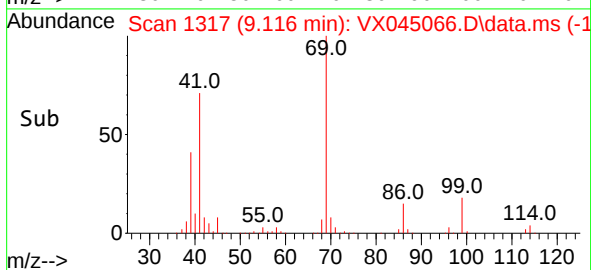
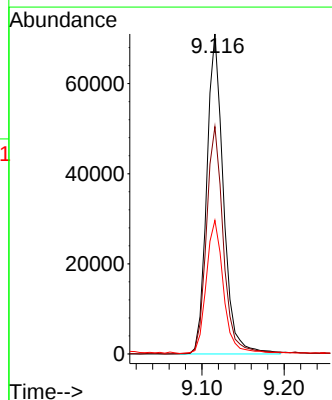
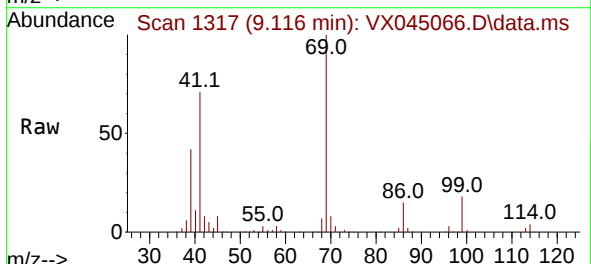
APPROVED

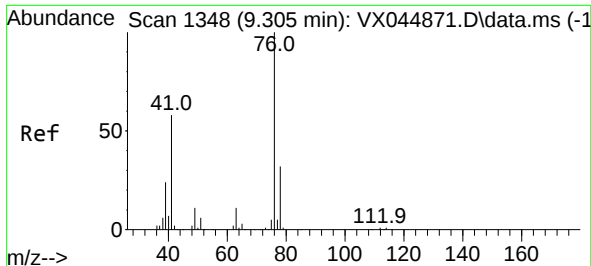
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#56
Ethyl methacrylate
Concen: 51.556 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion: 69 Resp: 100142
Ion Ratio Lower Upper
69 100
41 72.8 55.2 82.8
39 43.2 30.8 46.2





#57

1,3-Dichloropropane

Concen: 51.489 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 108340

Ion Ratio Lower Upper

76 100

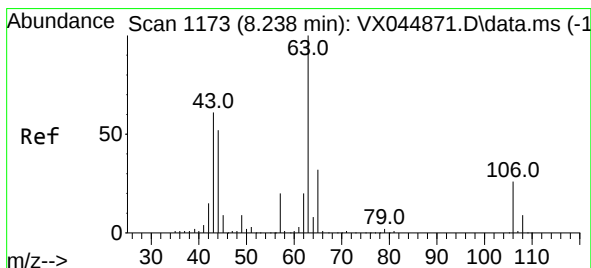
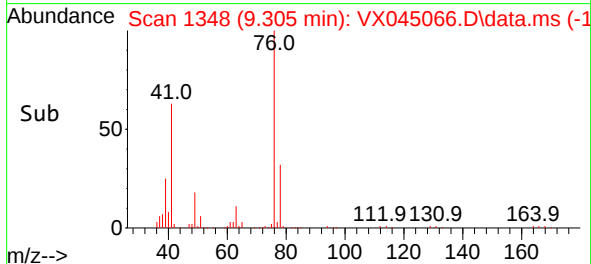
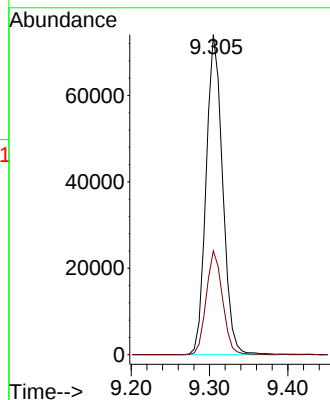
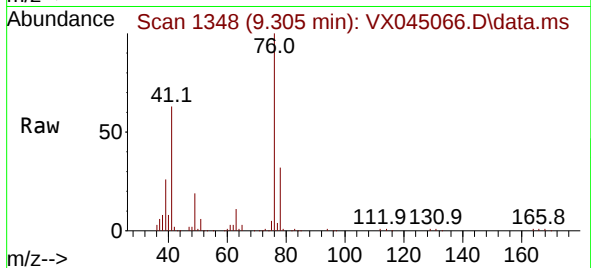
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 266.963 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045066.D

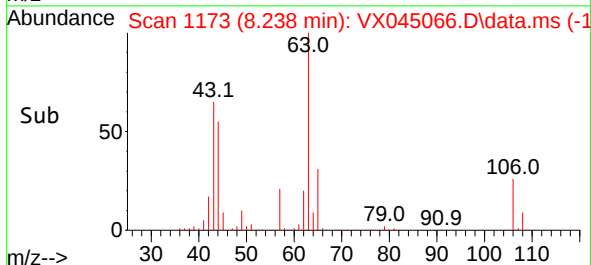
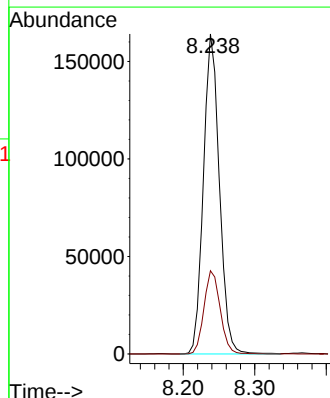
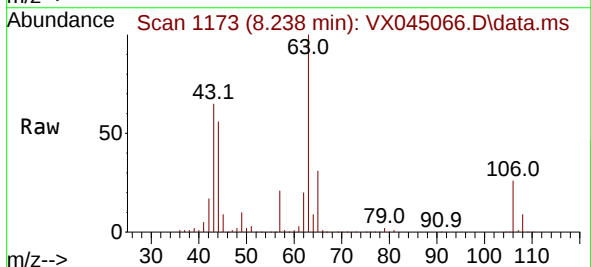
Acq: 27 Feb 2025 16:29

Tgt Ion: 63 Resp: 254613

Ion Ratio Lower Upper

63 100

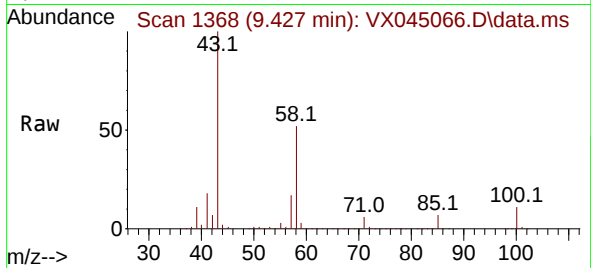
106 26.3 21.3 31.9





#59
2-Hexanone
Concen: 305.067 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

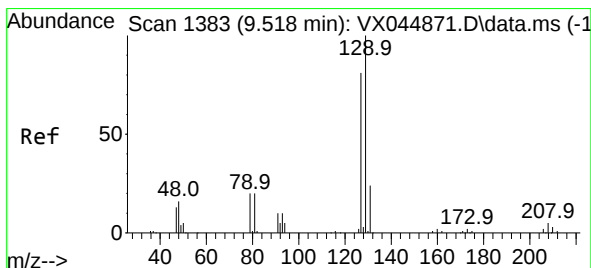
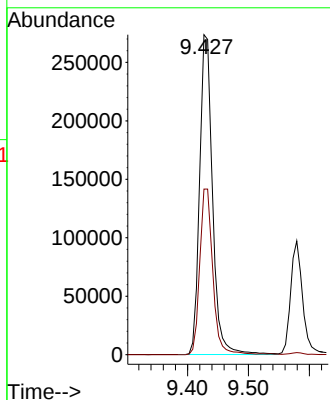
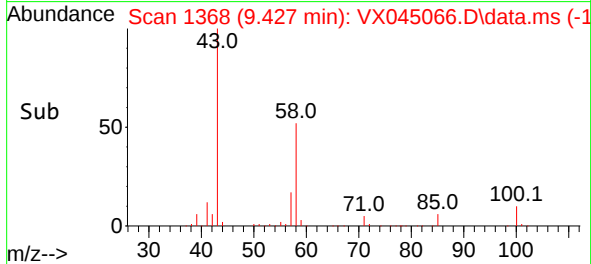
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 403784
Ion Ratio Lower Upper
43 100
58 52.4 27.5 82.4

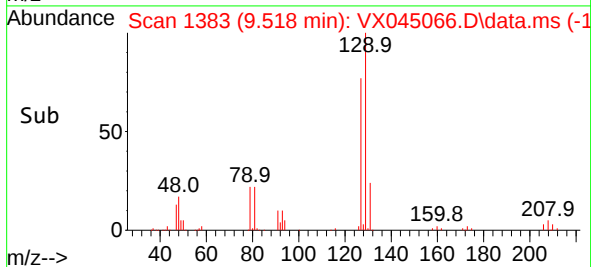
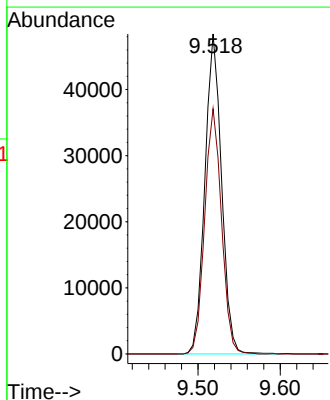
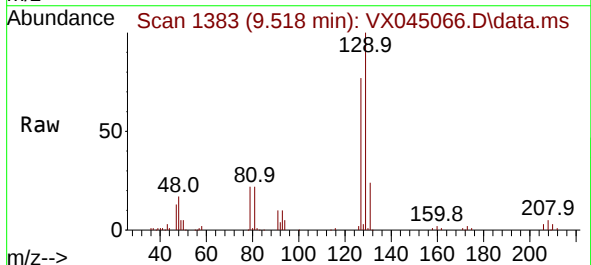
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 52.958 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion:129 Resp: 68114
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3





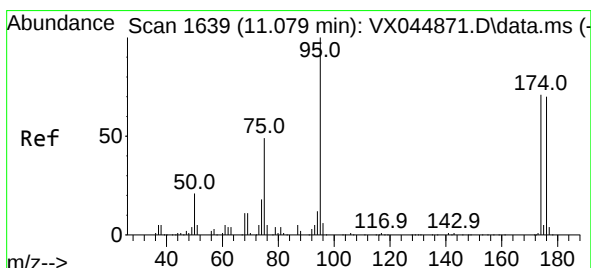
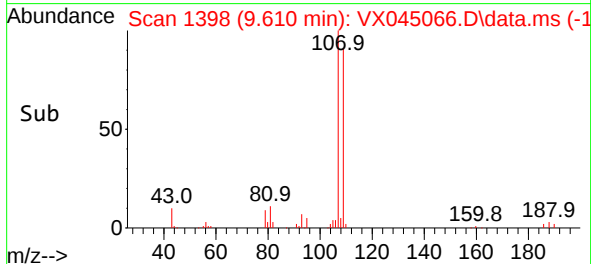
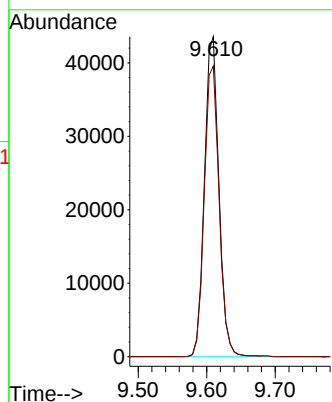
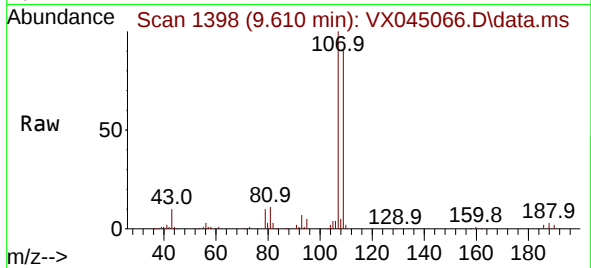
#61
1,2-Dibromoethane
Concen: 52.555 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 64062
Ion Ratio Lower Upper
107 100
109 93.2 75.9 113.9

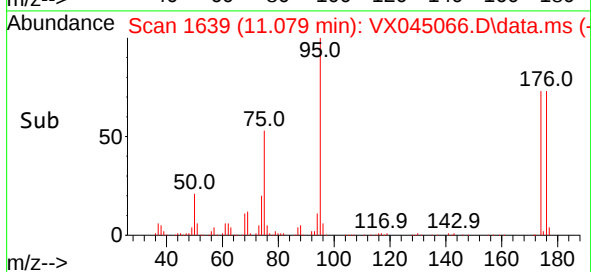
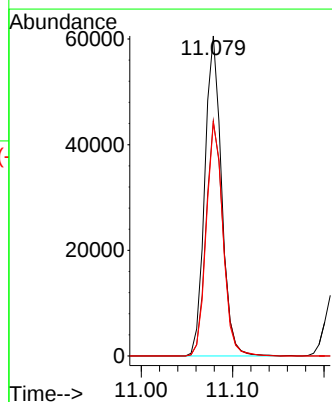
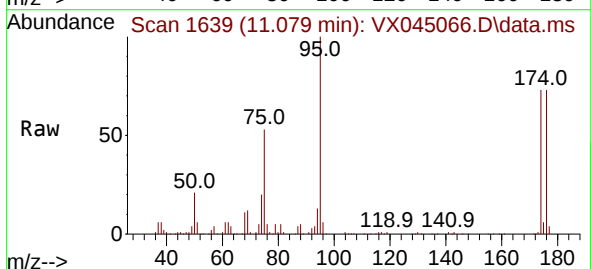
Manual Integrations
APPROVED

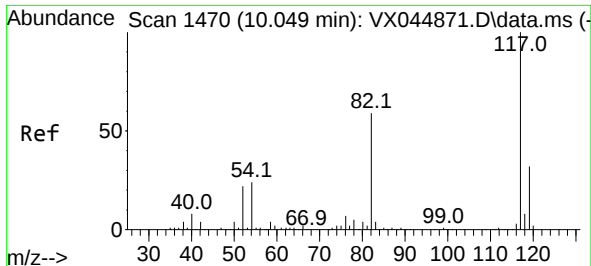
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 51.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

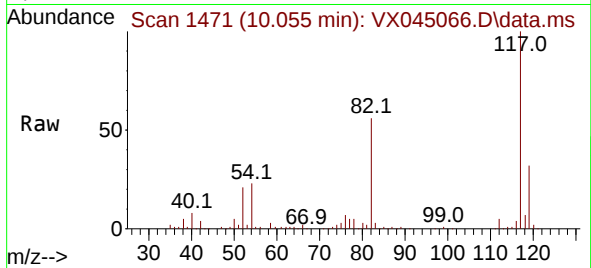
Tgt Ion: 95 Resp: 76718
Ion Ratio Lower Upper
95 100
174 74.5 0.0 142.6
176 72.6 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

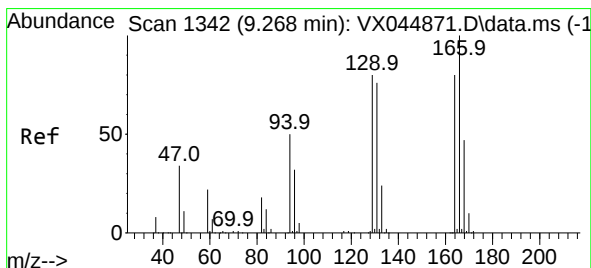
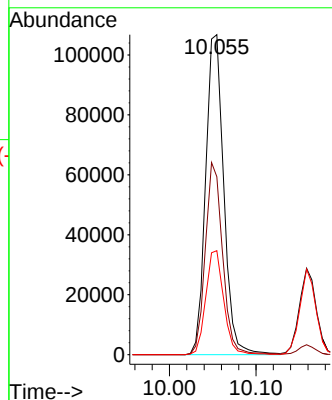
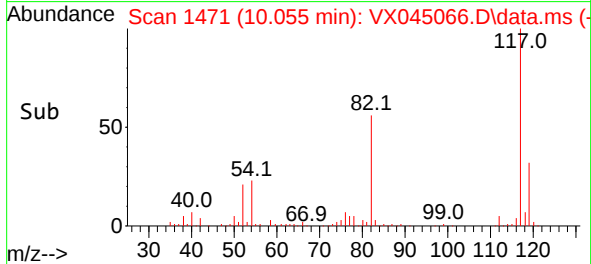
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 155088
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 32.5 25.4 38.0

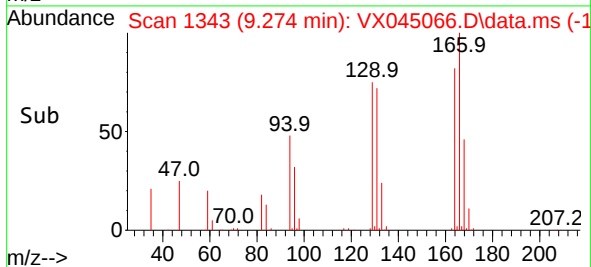
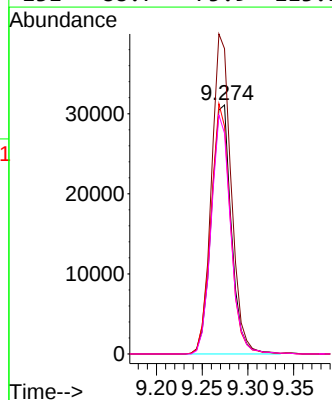
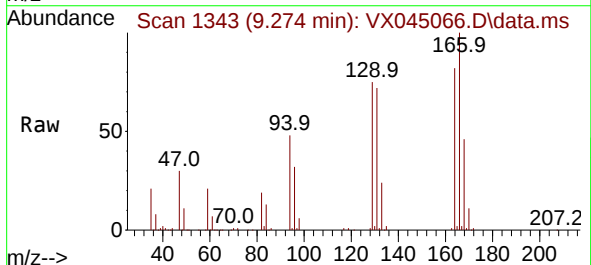
Manual Integrations
APPROVED

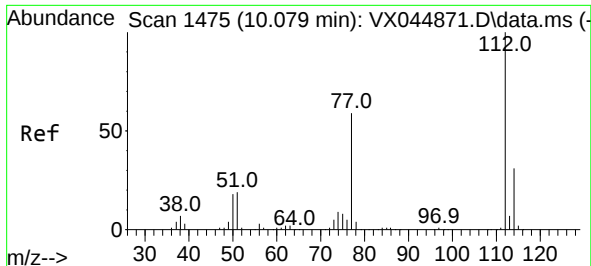
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 47.839 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion:164 Resp: 46789
Ion Ratio Lower Upper
164 100
166 122.6 100.4 150.6
129 91.5 79.9 119.9
131 88.7 75.9 113.9





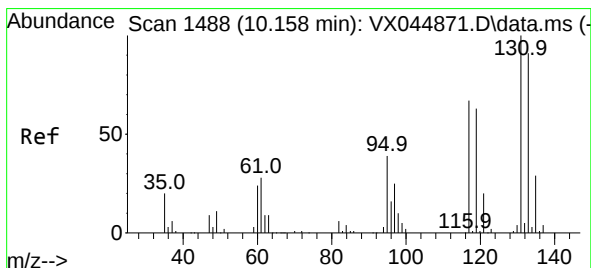
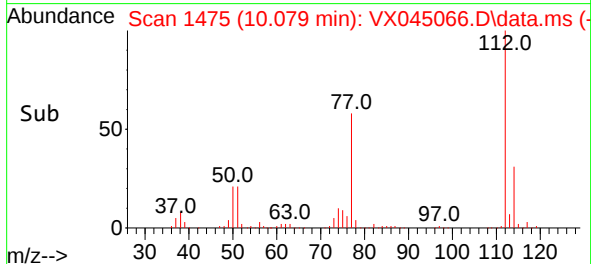
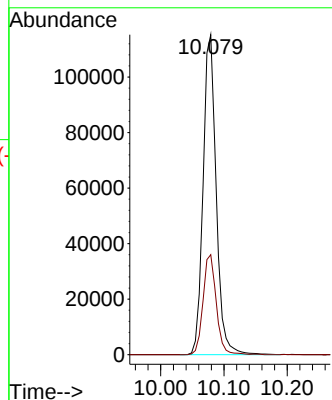
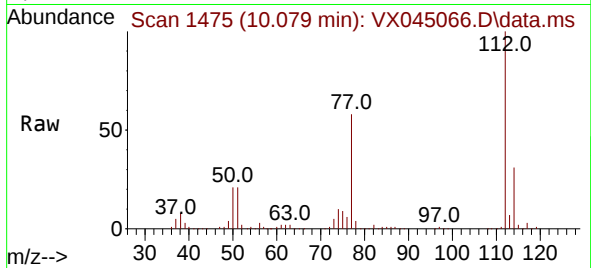
#65
Chlorobenzene
Concen: 49.968 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 166445
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6

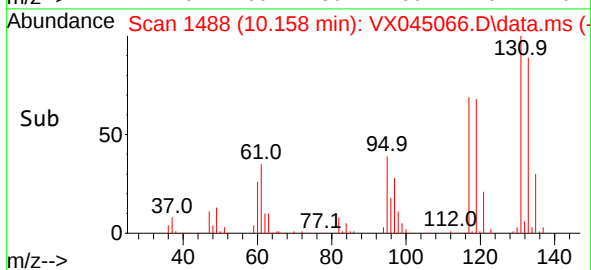
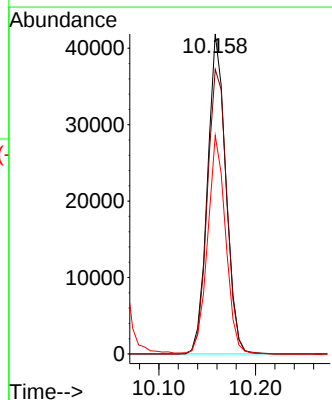
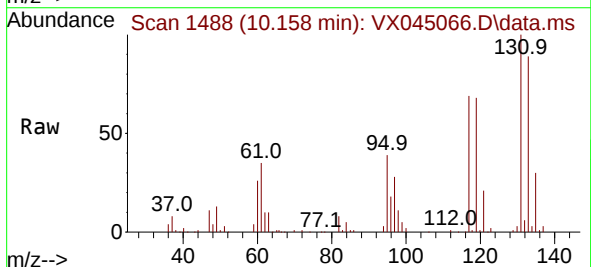
Manual Integrations
APPROVED

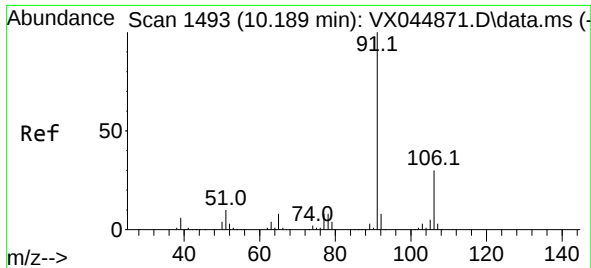
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.547 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

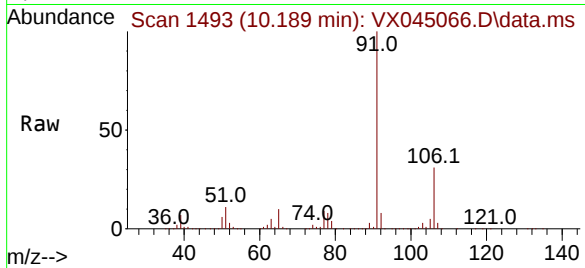
Tgt Ion:131 Resp: 55267
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 67.1 33.6 100.6





#67
Ethyl Benzene
Concen: 49.735 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

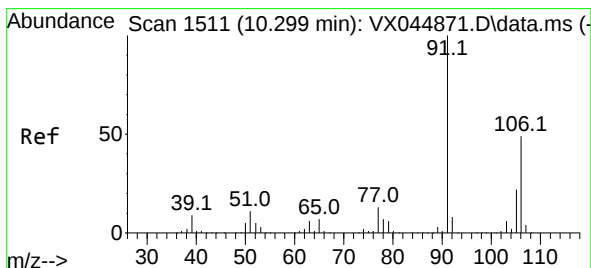
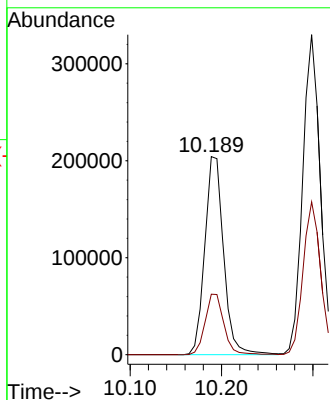
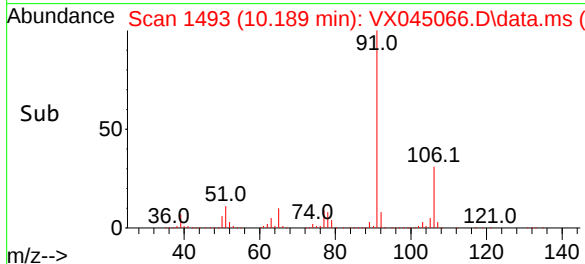
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



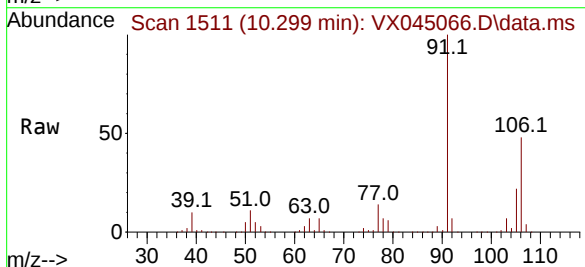
Tgt Ion: 91 Resp: 292358
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9

Manual Integrations
APPROVED

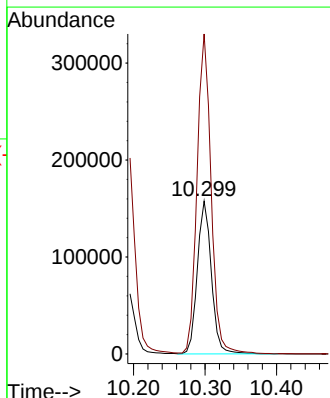
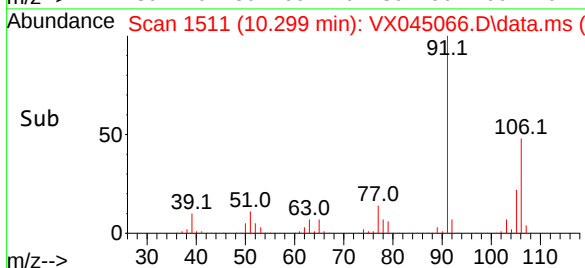
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

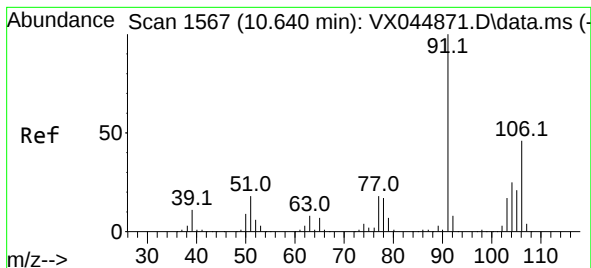


#68
m/p-Xylenes
Concen: 99.152 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



Tgt Ion:106 Resp: 215002
Ion Ratio Lower Upper
106 100
91 209.4 164.3 246.5





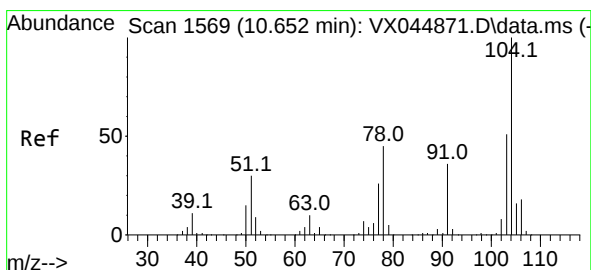
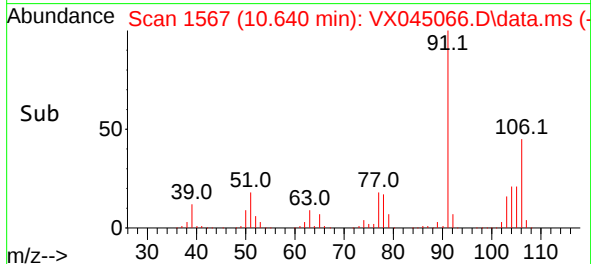
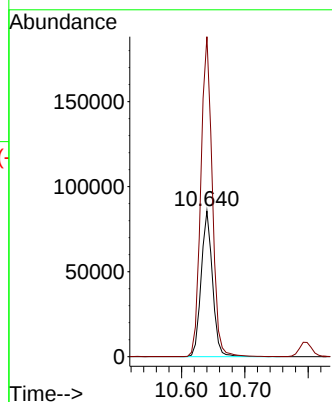
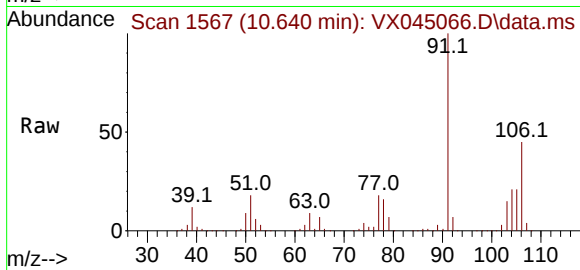
#69
o-Xylene
Concen: 49.002 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 106620
Ion Ratio Lower Upper
106 100
91 221.6 108.5 325.5

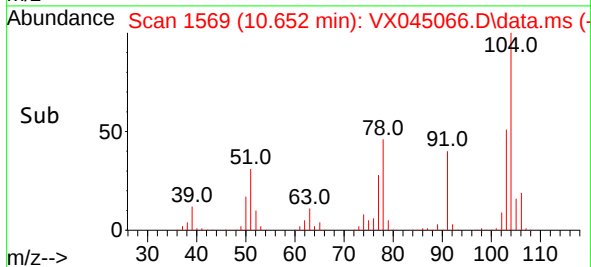
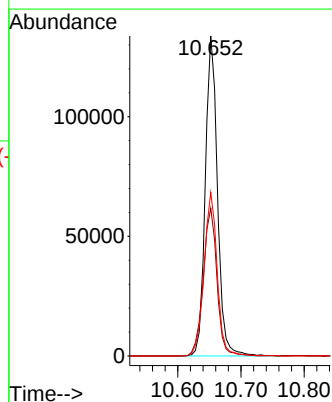
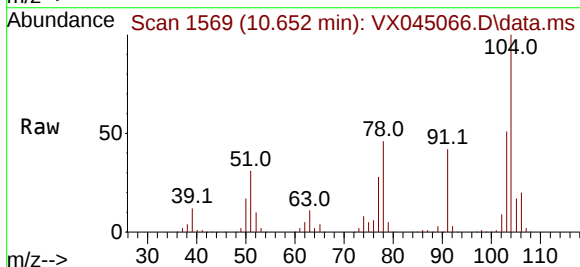
Manual Integrations
APPROVED

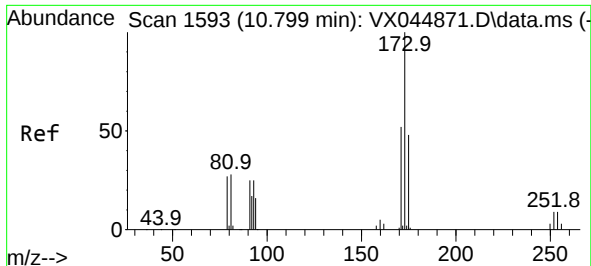
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 51.268 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

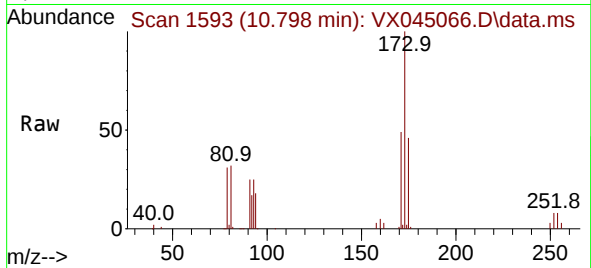
Tgt Ion:104 Resp: 179719
Ion Ratio Lower Upper
104 100
78 51.9 40.5 60.7
103 55.2 43.6 65.4





#71
Bromoform
Concen: 54.898 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

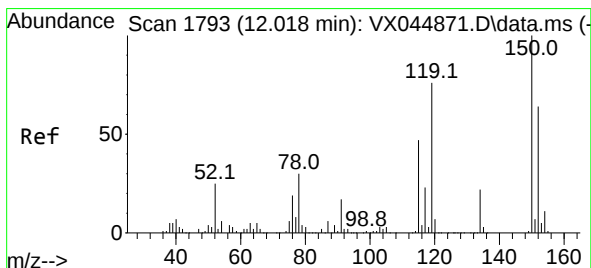
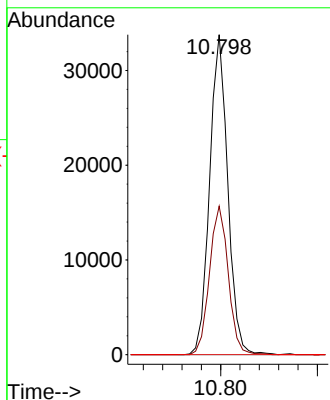
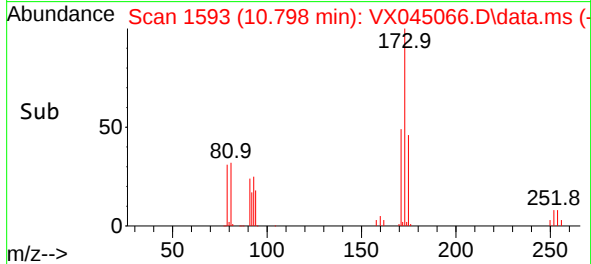
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



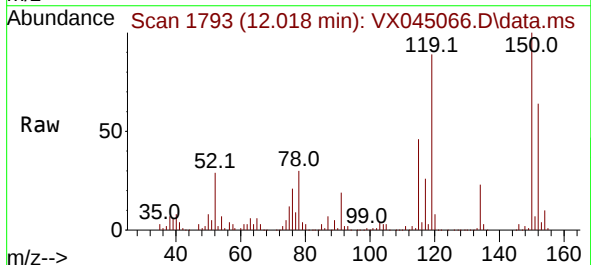
Tgt Ion:173 Resp: 4392
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

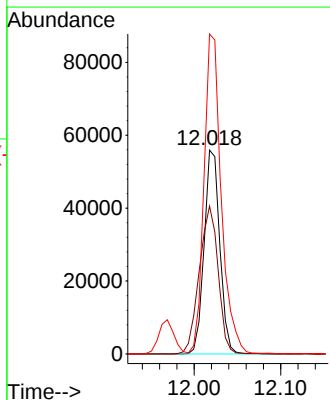
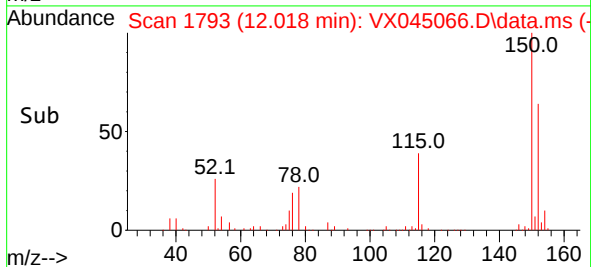
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

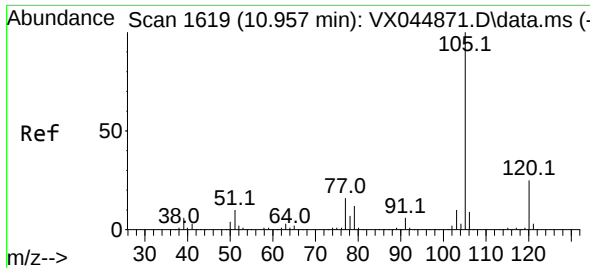


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



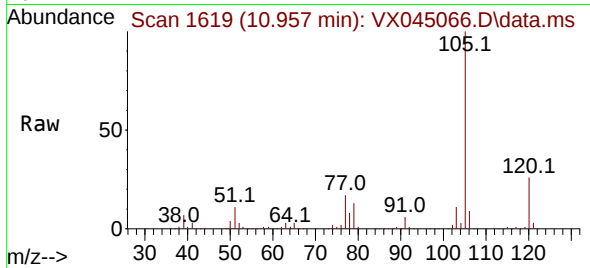
Tgt Ion:152 Resp: 70118
Ion Ratio Lower Upper
152 100
115 87.4 43.4 130.1
150 173.8 0.0 350.4





#73
Isopropylbenzene
Concen: 49.062 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

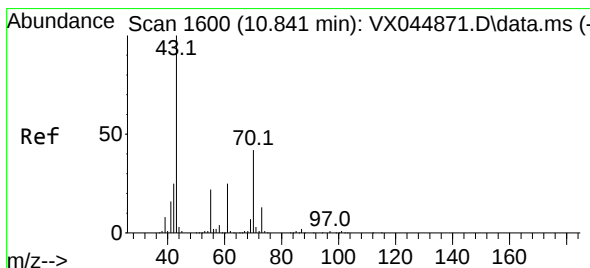
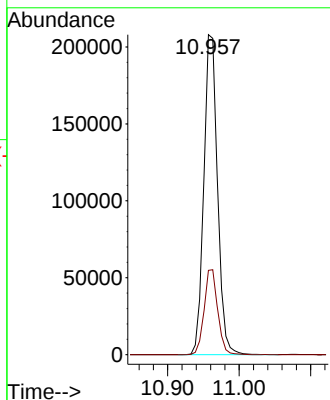
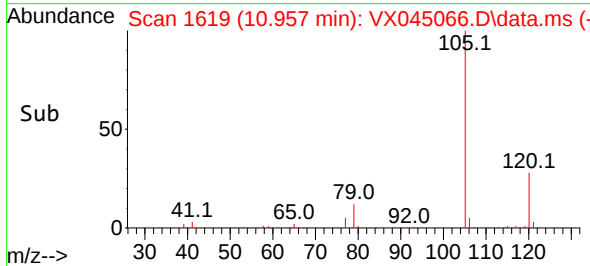
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



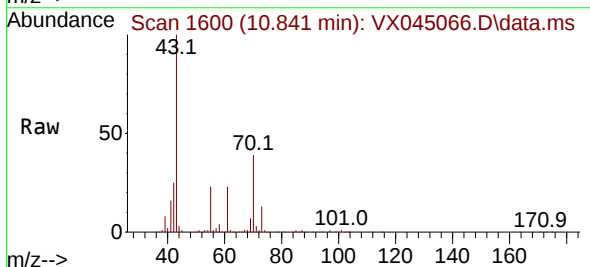
Tgt Ion:105 Resp: 276998
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
APPROVED

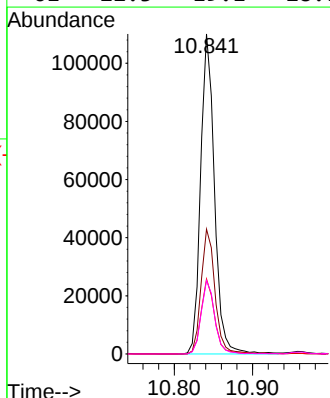
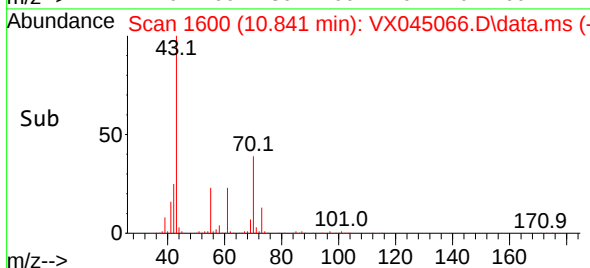
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

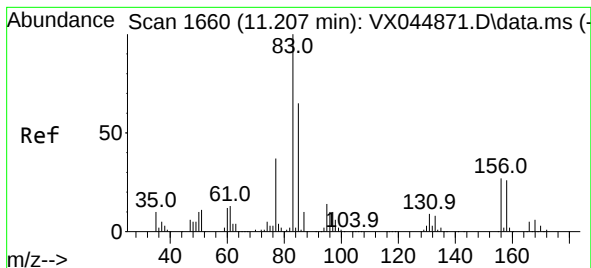


#74
N-ethyl acetate
Concen: 53.027 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



Tgt Ion: 43 Resp: 135474
Ion Ratio Lower Upper
43 100
70 39.4 33.7 50.5
55 23.1 18.6 27.8
61 22.3 19.1 28.7





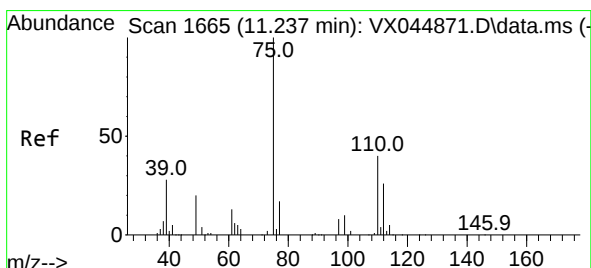
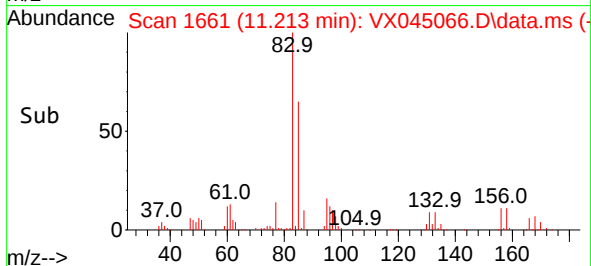
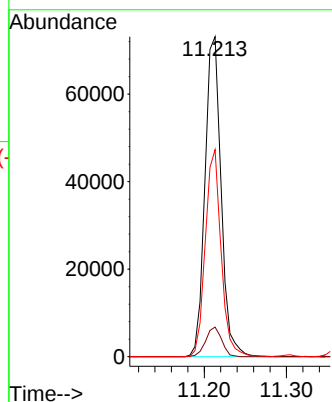
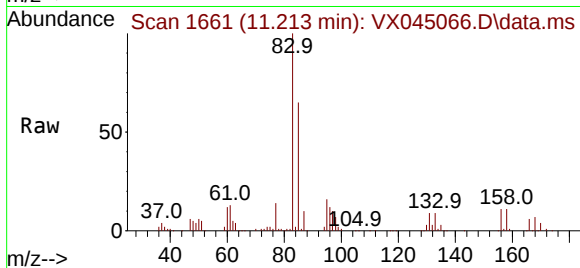
#75
1,1,2,2-Tetrachloroethane
Concen: 51.462 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 99839
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.5
85 63.2 32.3 96.8

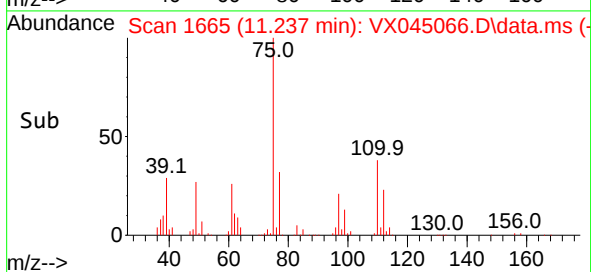
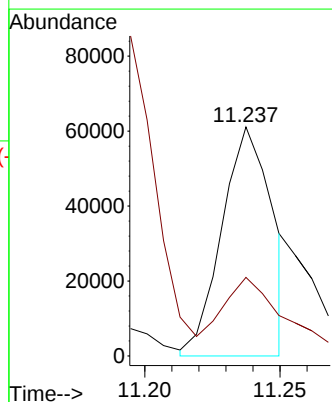
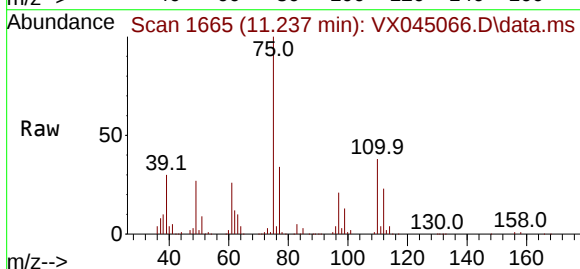
Manual Integrations
APPROVED

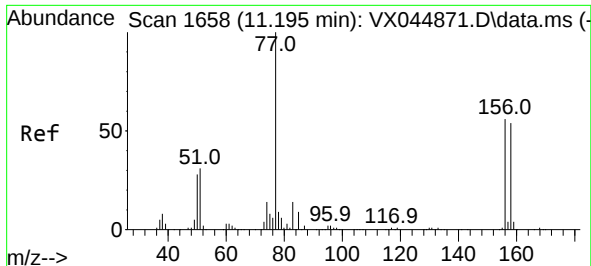
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 50.931 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

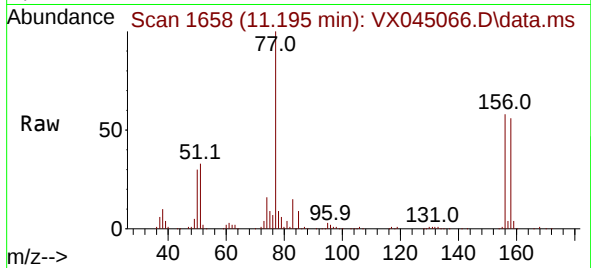
Tgt Ion: 75 Resp: 79178
Ion Ratio Lower Upper
75 100
77 43.3 21.9 65.7





#77
Bromobenzene
Concen: 50.053 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

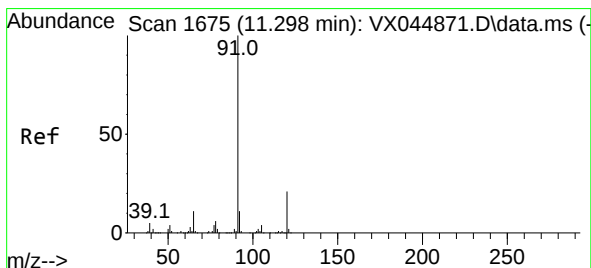
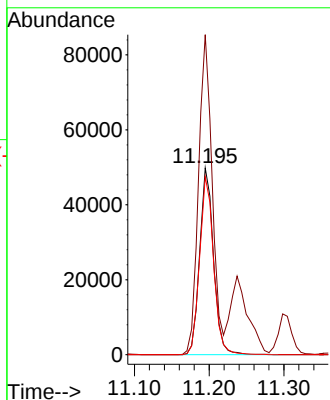
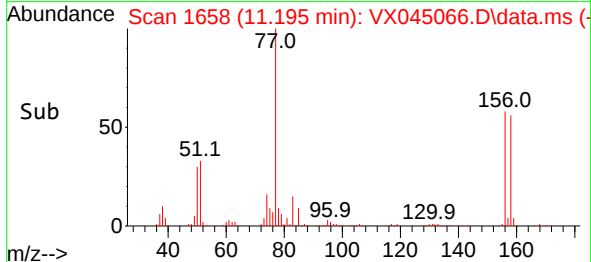
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



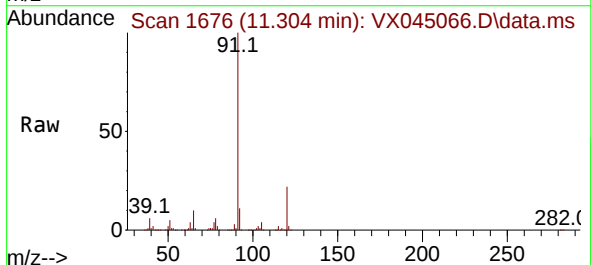
Tgt Ion:156 Resp: 64068
Ion Ratio Lower Upper
156 100
77 169.0 88.4 265.3
158 96.4 48.4 145.2

Manual Integrations
APPROVED

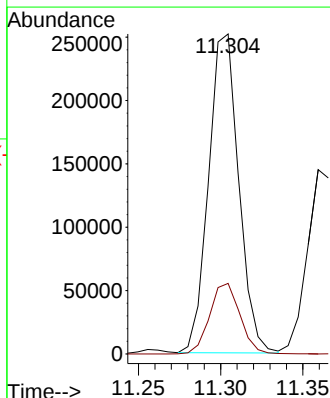
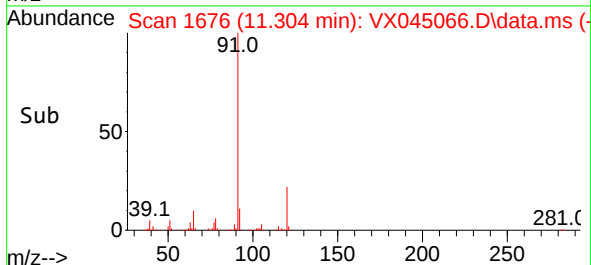
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

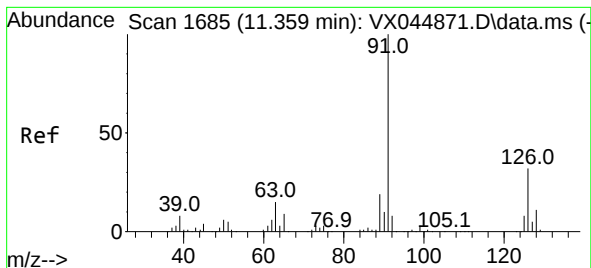


#78
n-propylbenzene
Concen: 49.311 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



Tgt Ion: 91 Resp: 321342
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3





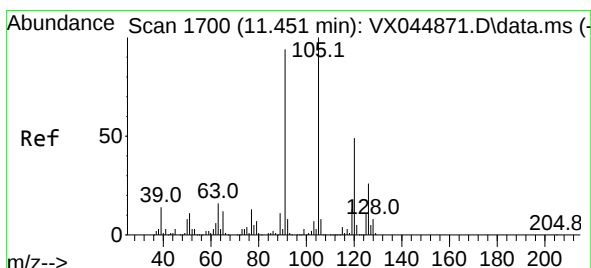
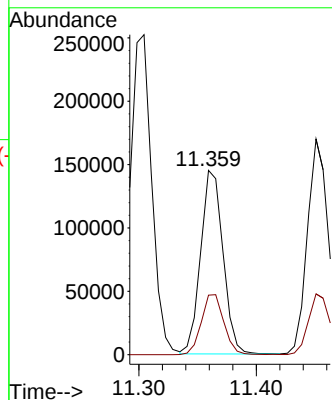
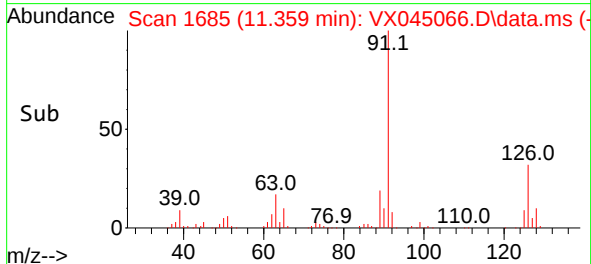
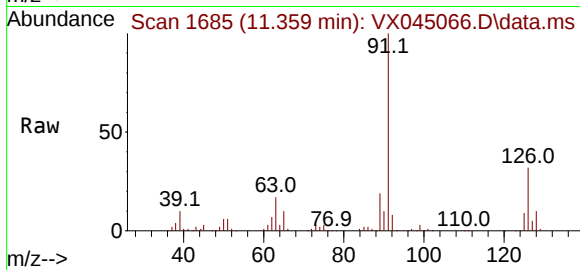
#79
2-Chlorotoluene
Concen: 47.911 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 19188
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

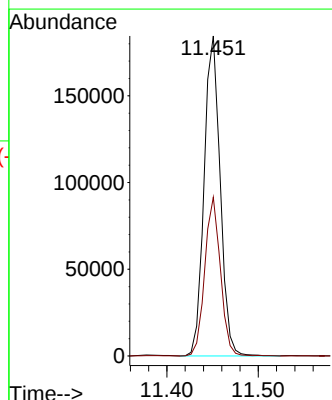
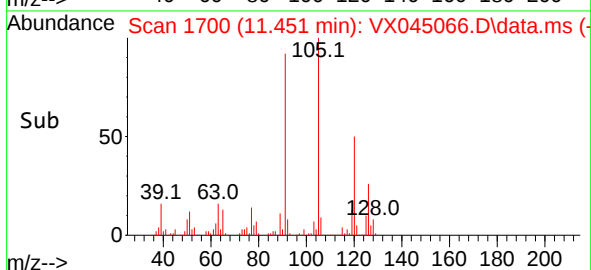
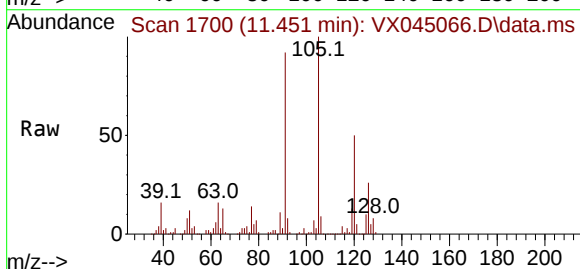
Manual Integrations
APPROVED

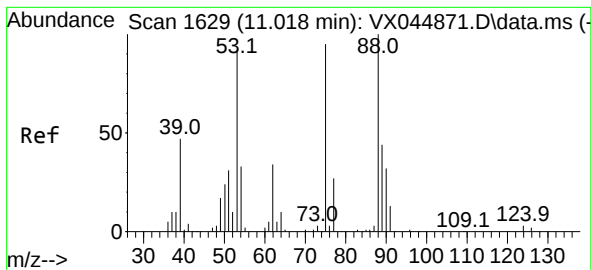
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.138 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

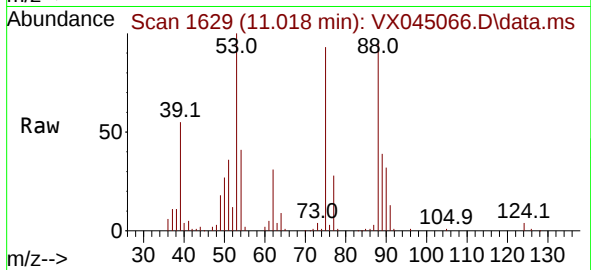
Tgt Ion:105 Resp: 225131
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 43.908 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

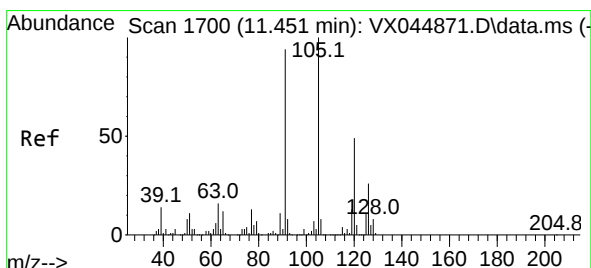
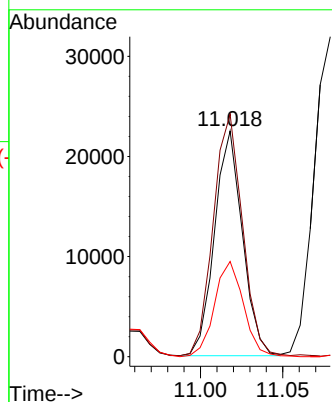
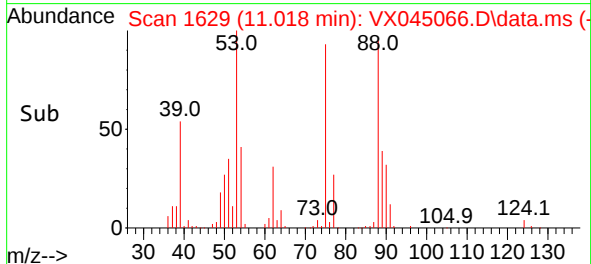
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 26530
Ion Ratio Lower Upper
75 100
53 114.2 78.0 117.0
89 44.0 36.6 54.8

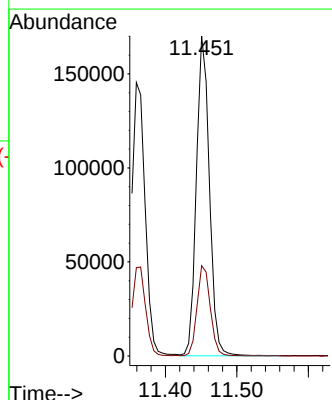
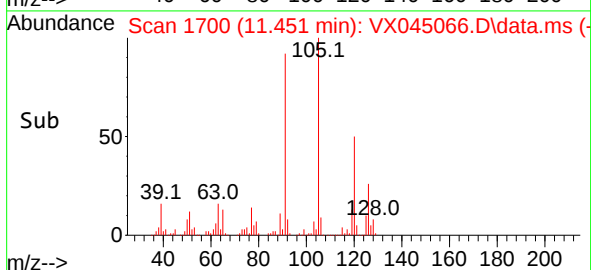
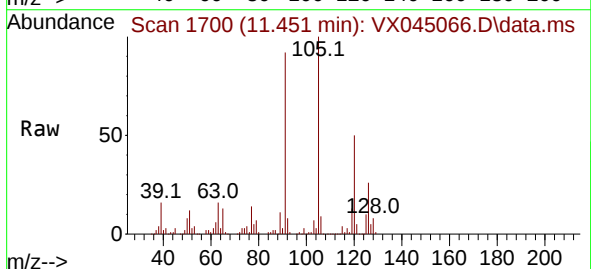
Manual Integrations
APPROVED

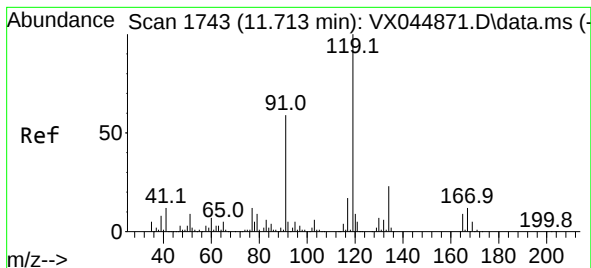
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 48.485 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

Tgt Ion: 91 Resp: 214836
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.531 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 229570

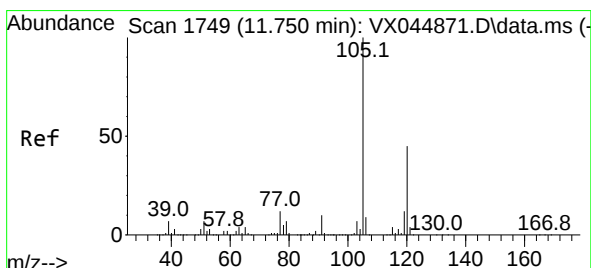
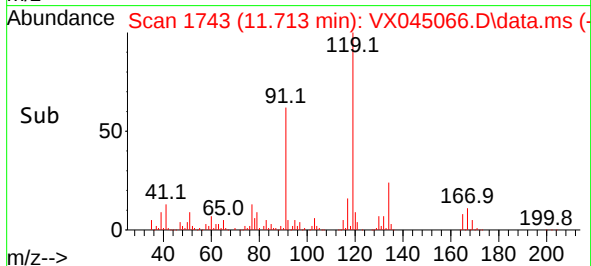
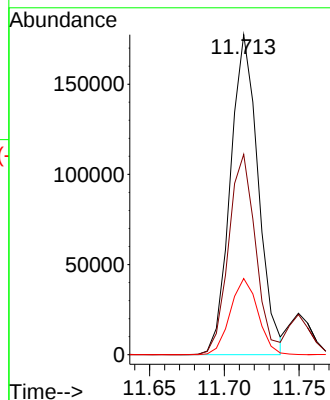
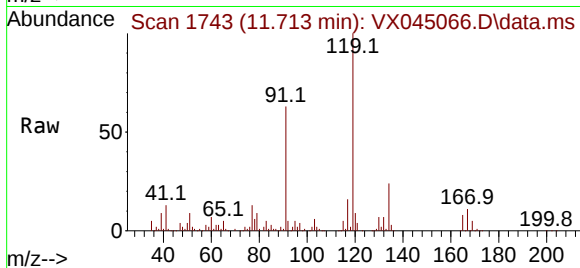
Ion	Ratio	Lower	Upper
119	100		
91	61.2	29.1	87.4
134	23.7	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 50.198 ug/l

RT: 11.749 min Scan# 1749

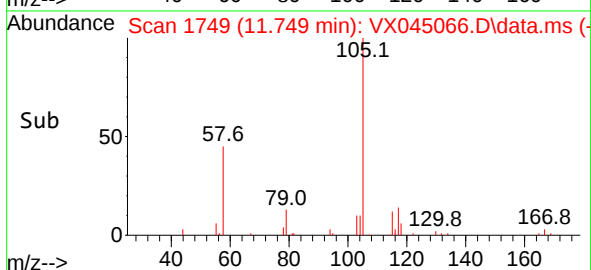
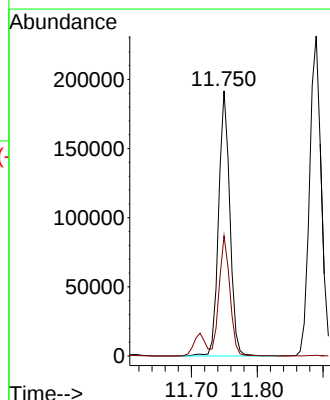
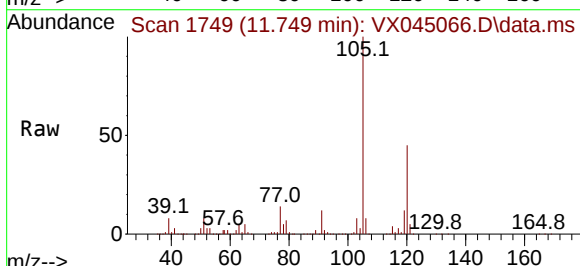
Delta R.T. -0.000 min

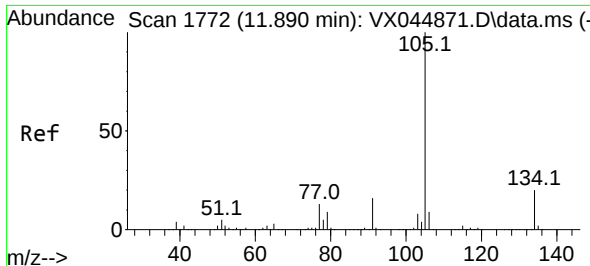
Lab File: VX045066.D

Acq: 27 Feb 2025 16:29

Tgt Ion:105 Resp: 226995

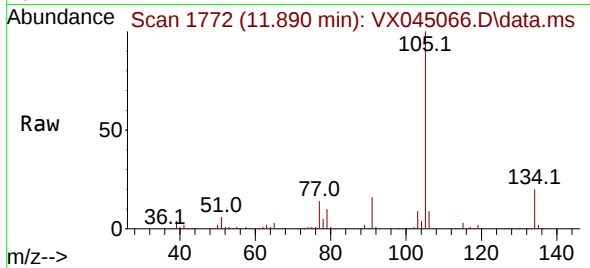
Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 49.504 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045066.D
 Acq: 27 Feb 2025 16:29

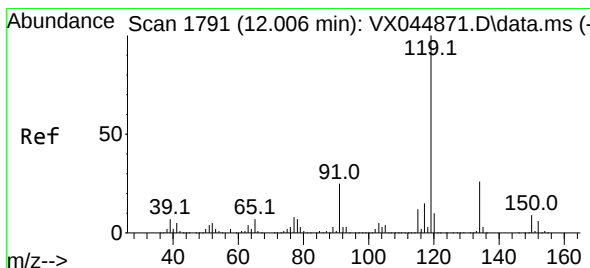
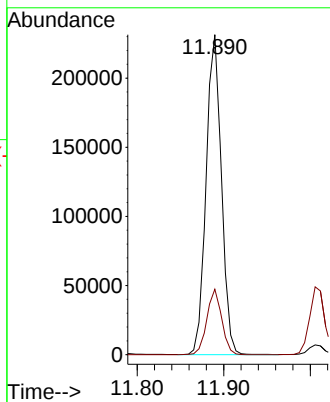
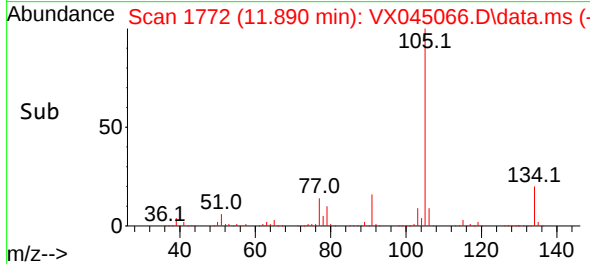
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



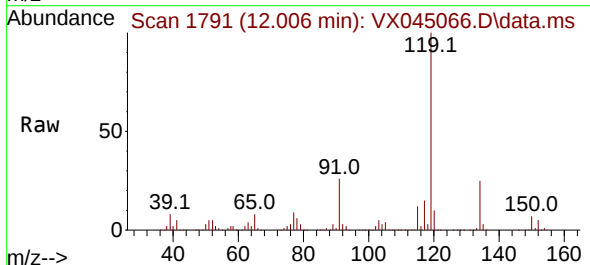
Tgt Ion:105 Resp: 28412
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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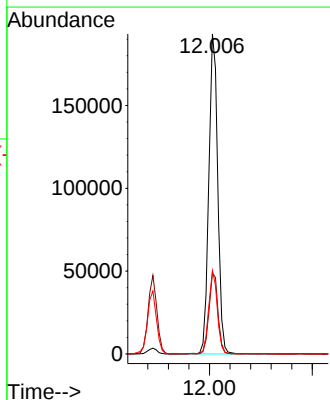
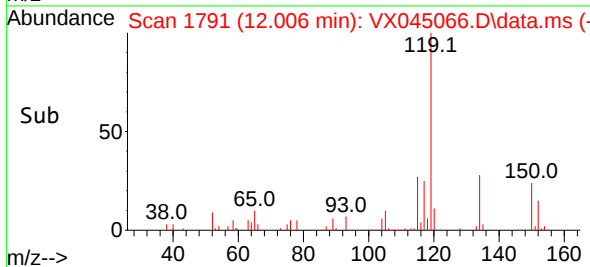
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

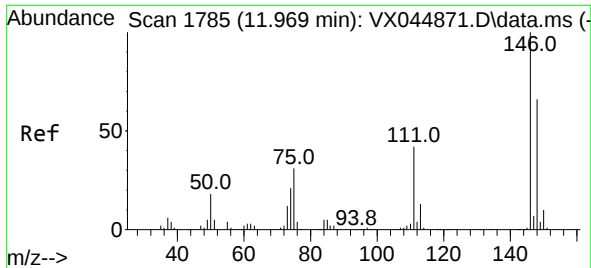


#86
 p-Isopropyltoluene
 Concen: 50.196 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045066.D
 Acq: 27 Feb 2025 16:29



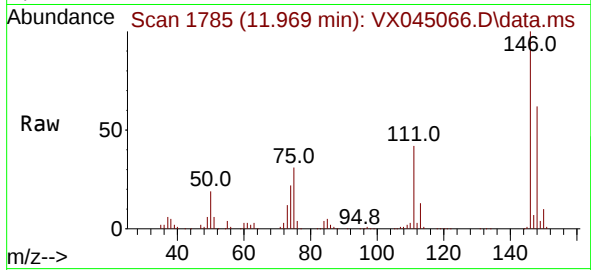
Tgt Ion:119 Resp: 231681
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 25.2 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 49.010 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX045066.D
 Acq: 27 Feb 2025 16:29

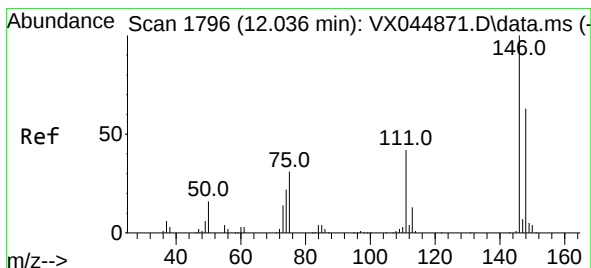
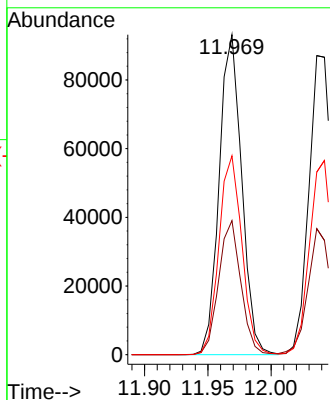
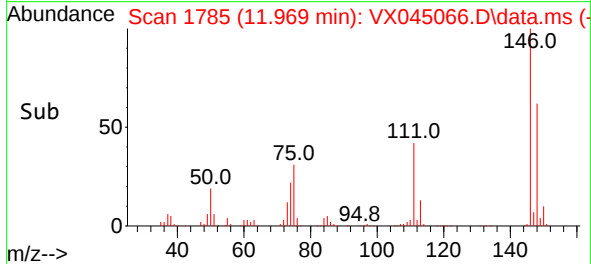
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



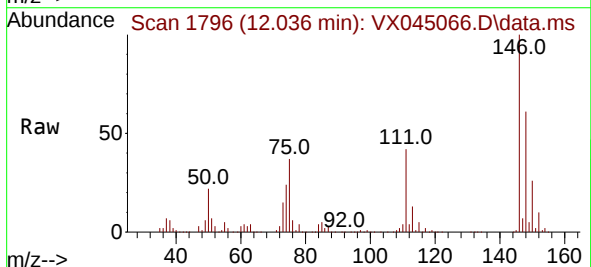
Tgt Ion:146 Resp: 11536
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.2 63.6
 148 63.3 32.5 97.5

Manual Integrations
 APPROVED

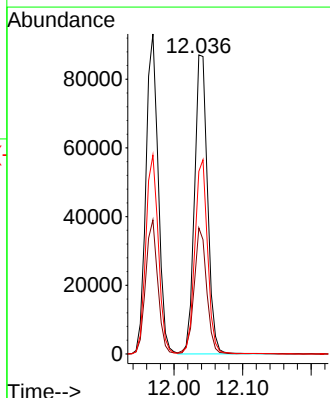
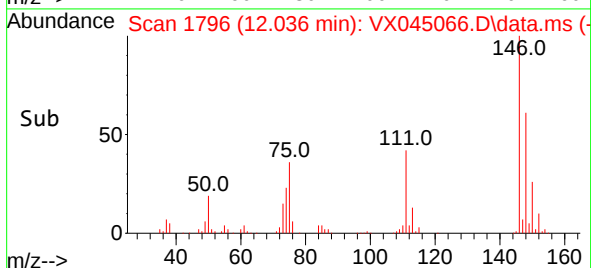
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

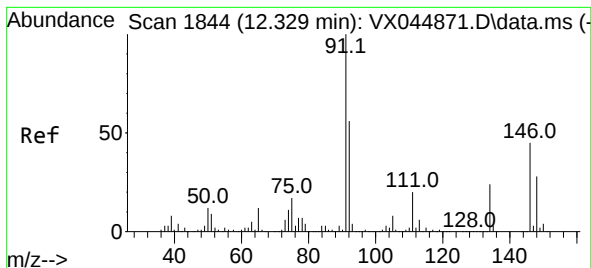


#88
 1,4-Dichlorobenzene
 Concen: 48.343 ug/l
 RT: 12.036 min Scan# 1796
 Delta R.T. -0.000 min
 Lab File: VX045066.D
 Acq: 27 Feb 2025 16:29



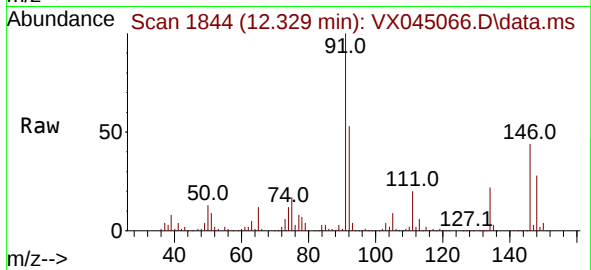
Tgt Ion:146 Resp: 115054
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.4 61.3
 148 63.3 32.0 96.0





#89
n-Butylbenzene
Concen: 50.763 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

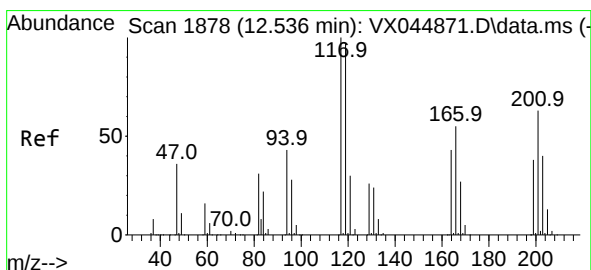
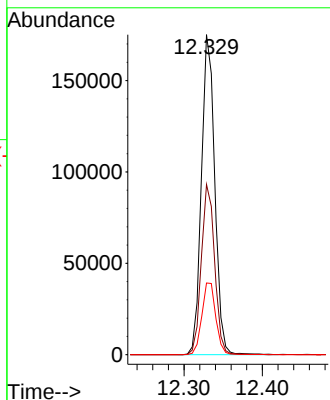
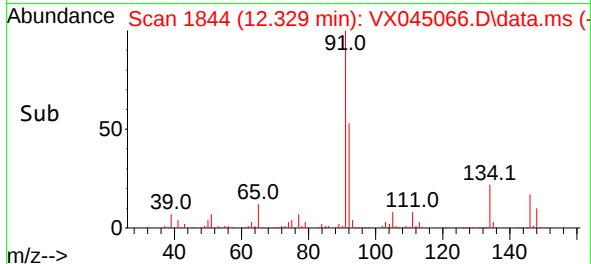
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 207278
Ion Ratio Lower Upper
91 100
92 53.1 27.2 81.6
134 23.5 12.1 36.3

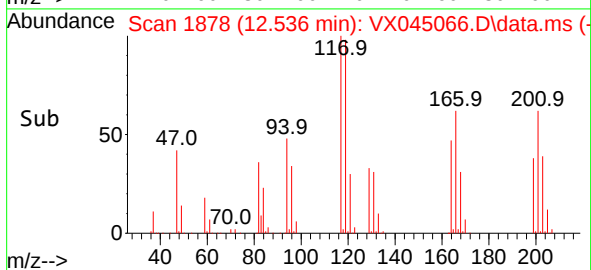
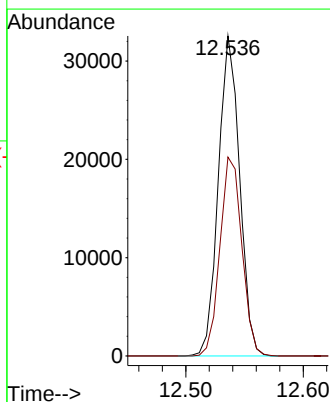
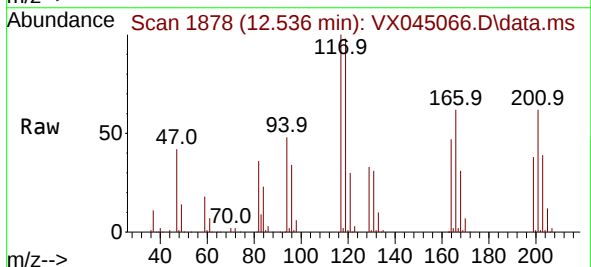
Manual Integrations
APPROVED

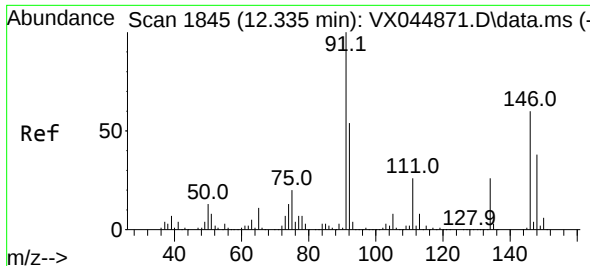
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#90
Hexachloroethane
Concen: 47.452 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

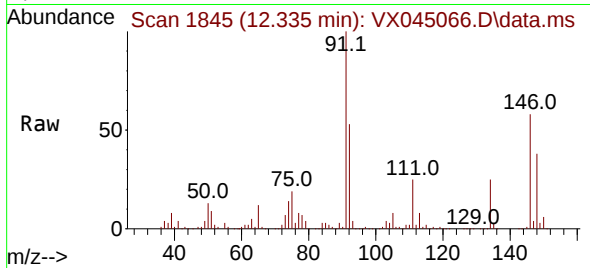
Tgt Ion:117 Resp: 41009
Ion Ratio Lower Upper
117 100
201 64.1 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 49.931 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

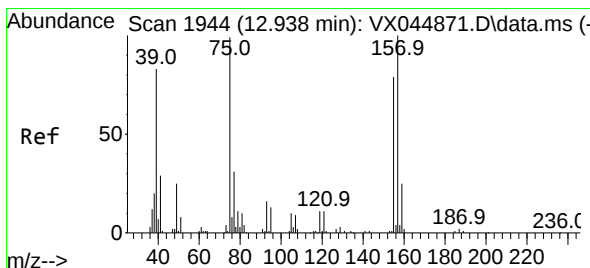
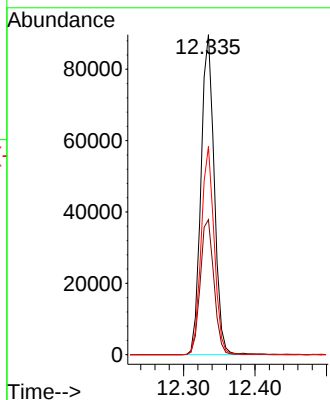
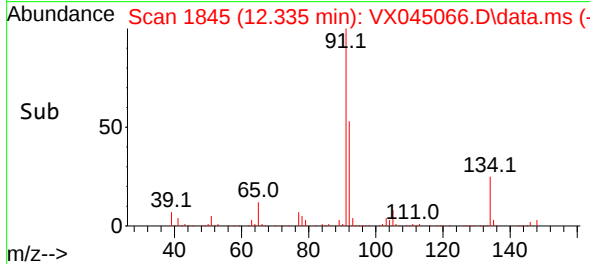
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



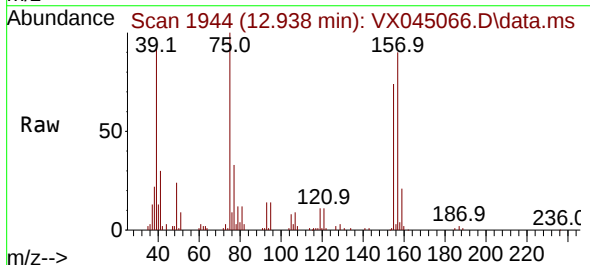
Tgt Ion:146 Resp: 115510
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.4
148 63.8 31.9 95.9

Manual Integrations
APPROVED

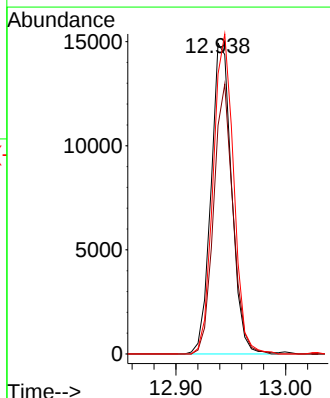
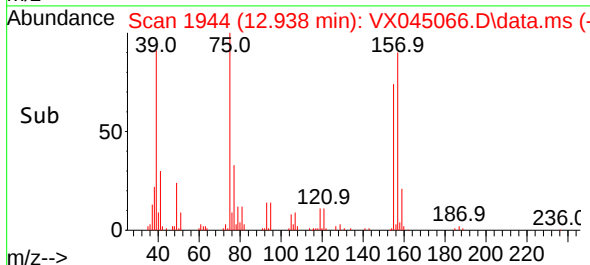
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

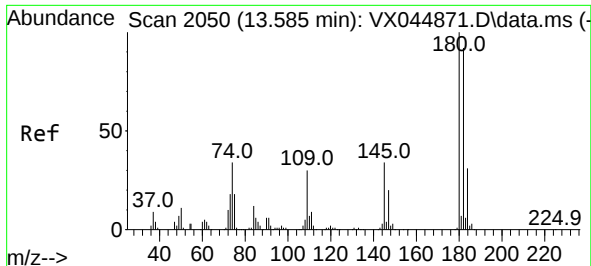


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.027 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



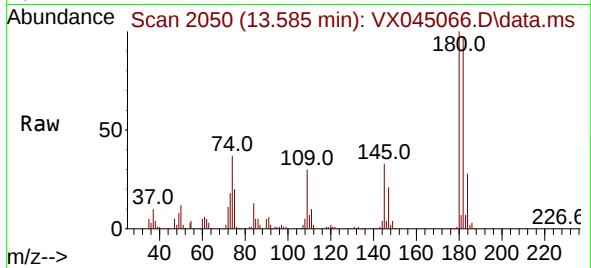
Tgt Ion: 75 Resp: 19484
Ion Ratio Lower Upper
75 100
155 81.7 40.5 121.4
157 102.4 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 49.173 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

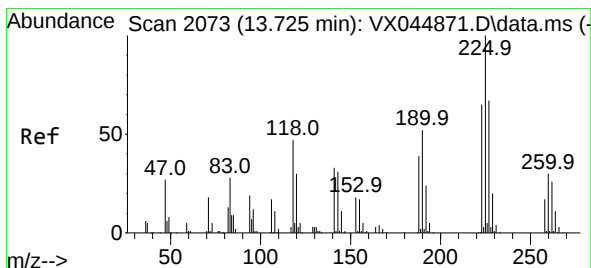
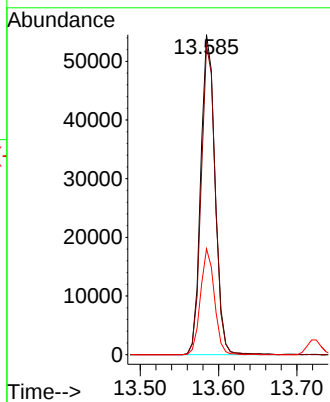
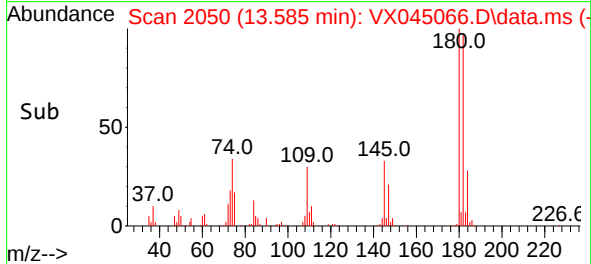
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



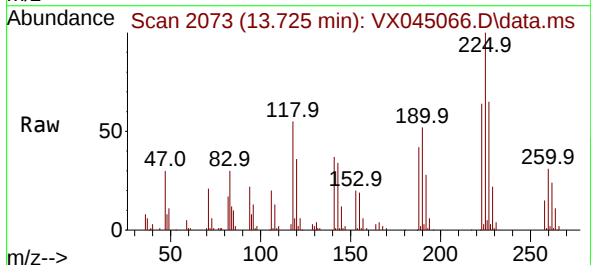
Tgt Ion:180 Resp: 6883
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.8
145 32.2 16.4 49.1

Manual Integrations
APPROVED

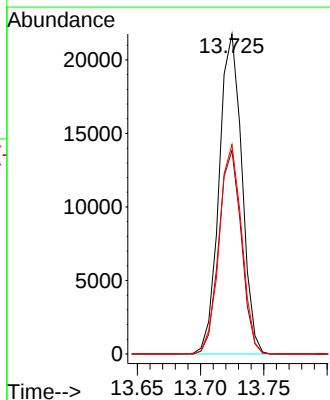
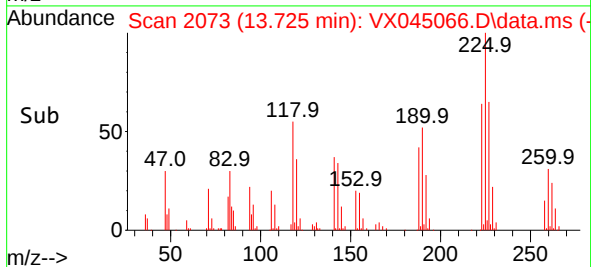
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

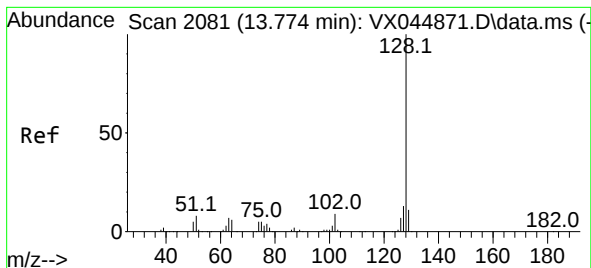


#94
Hexachlorobutadiene
Concen: 48.872 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



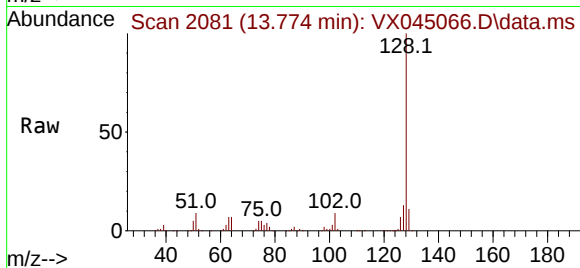
Tgt Ion:225 Resp: 27159
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.2
227 64.6 32.3 96.8





#95
Naphthalene
Concen: 52.522 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29

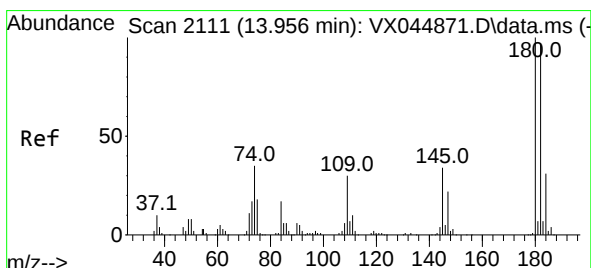
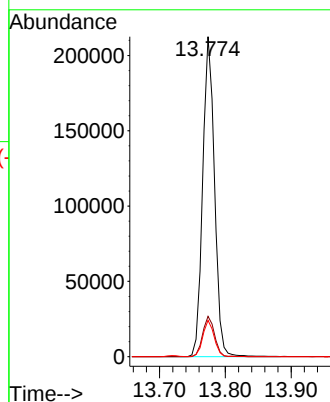
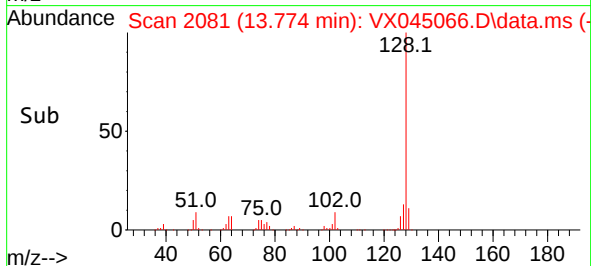
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



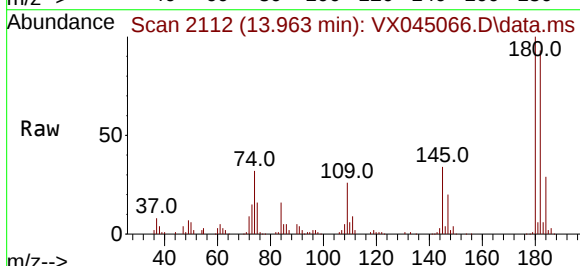
Tgt Ion:128 Resp: 265774
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.257 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045066.D
Acq: 27 Feb 2025 16:29



Tgt Ion:180 Resp: 72300
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.6
145 34.9 17.1 51.3

