

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045633.D
 Acq On : 07 Apr 2025 16:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2025
 Supervised By : Mahesh Dadoda 04/08/2025

Quant Time: Apr 08 01:37:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	88071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82976	51.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	5.379	113	57173	51.845	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.680%			
50) Toluene-d8	8.647	98	195240	50.723	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.440%			
62) 4-Bromofluorobenzene	11.079	95	73277	52.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73619	55.895	ug/l	98
3) Chloromethane	1.300	50	66428	49.093	ug/l	99
4) Vinyl Chloride	1.373	62	64279	51.909	ug/l	99
5) Bromomethane	1.593	94	27731	47.230	ug/l	98
6) Chloroethane	1.666	64	36732	55.910	ug/l	100
7) Trichlorofluoromethane	1.873	101	97072	52.569	ug/l	96
8) Diethyl Ether	2.136	74	31529	50.858	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	57438	53.083	ug/l	97
10) Methyl Iodide	2.440	142	69564	51.543	ug/l	98
11) Tert butyl alcohol	2.983	59	51497	237.916	ug/l	99
12) 1,1-Dichloroethene	2.306	96	53571	50.668	ug/l	97
13) Acrolein	2.233	56	91134	305.749	ug/l	98
14) Allyl chloride	2.654	41	103430	51.558	ug/l	99
15) Acrylonitrile	3.062	53	178622	261.428	ug/l	100
16) Acetone	2.385	43	167988	254.006	ug/l	99
17) Carbon Disulfide	2.501	76	124406	47.641	ug/l	99
18) Methyl Acetate	2.703	43	85607	56.221	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	190309	51.455	ug/l	100
20) Methylene Chloride	2.782	84	63300	51.125	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	54104	50.089	ug/l	99
22) Diisopropyl ether	3.763	45	206815	52.336	ug/l	99
23) Vinyl Acetate	3.721	43	911405	266.942	ug/l	99
24) 1,1-Dichloroethane	3.605	63	114469	51.220	ug/l	99
25) 2-Butanone	4.556	43	255334	263.751	ug/l	99
26) 2,2-Dichloropropane	4.464	77	79009	54.719	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	66457	50.500	ug/l	98
28) Bromochloromethane	4.891	49	55925	51.784	ug/l	100
29) Tetrahydrofuran	5.001	42	162409	258.760	ug/l	99
30) Chloroform	5.086	83	118644	51.594	ug/l	100
31) Cyclohexane	5.458	56	100595	50.916	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	99876	51.328	ug/l	98
36) 1,1-Dichloropropene	5.690	75	75928	50.994	ug/l	99
37) Ethyl Acetate	4.714	43	96350	51.348	ug/l	100
38) Carbon Tetrachloride	5.671	117	85743	53.283	ug/l	97
39) Methylcyclohexane	7.372	83	96270	52.745	ug/l	98
40) Benzene	6.031	78	233728	51.397	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55762	56.323	ug/l	99
42) 1,2-Dichloroethane	6.086	62	99487	52.969	ug/l	99
43) Isopropyl Acetate	6.342	43	152133	53.494	ug/l	100
44) Trichloroethene	7.122	130	54142	50.092	ug/l	93
45) 1,2-Dichloropropane	7.427	63	57694	50.848	ug/l	98
46) Dibromomethane	7.580	93	45563	52.311	ug/l	99
47) Bromodichloromethane	7.817	83	91531	52.621	ug/l	98
48) Methyl methacrylate	7.689	41	79358	54.044	ug/l	99
49) 1,4-Dioxane	7.665	88	25139	946.252	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	506795	268.813	ug/l	100
52) Toluene	8.714	92	140038	50.892	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	80594	48.265	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	89487	54.746	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	57953	52.852	ug/l	98
56) Ethyl methacrylate	9.116	69	93446	55.066	ug/l	99
57) 1,3-Dichloropropane	9.305	76	100442	52.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	236204	275.152	ug/l	99
59) 2-Hexanone	9.427	43	369067	264.352	ug/l	100
60) Dibromochloromethane	9.518	129	63892	53.448	ug/l	100
61) 1,2-Dibromoethane	9.604	107	58999	53.153	ug/l	99
64) Tetrachloroethene	9.268	164	46945	47.572	ug/l	97
65) Chlorobenzene	10.079	112	153515	51.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	52052	50.199	ug/l	99
67) Ethyl Benzene	10.189	91	282243	52.765	ug/l	98
68) m/p-Xylenes	10.299	106	204591	105.161	ug/l	99
69) o-Xylene	10.640	106	100417	52.395	ug/l	98
70) Styrene	10.652	104	168761	53.352	ug/l	99
71) Bromoform	10.799	173	39459	50.966	ug/l #	97
73) Isopropylbenzene	10.957	105	267346	52.796	ug/l	99
74) N-amyl acetate	10.841	43	125628	51.864	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	87512	49.196	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	75184m	48.757	ug/l	
77) Bromobenzene	11.195	156	58639	50.119	ug/l	99
78) n-propylbenzene	11.299	91	314719	53.959	ug/l	100
79) 2-Chlorotoluene	11.359	91	189545	50.834	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	224277	53.561	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22209	48.881	ug/l	96
82) 4-Chlorotoluene	11.451	91	216018	51.960	ug/l	99
83) tert-Butylbenzene	11.713	119	217964	52.578	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	223195	53.107	ug/l	99
85) sec-Butylbenzene	11.890	105	274222	53.856	ug/l	99
86) p-Isopropyltoluene	12.006	119	223946	53.349	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105674	49.618	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	106090	49.136	ug/l	99
89) n-Butylbenzene	12.329	91	195344	53.664	ug/l	100
90) Hexachloroethane	12.536	117	38550	53.436	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	106848	50.461	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19902	53.498	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	61192	51.918	ug/l	98
94) Hexachlorobutadiene	13.725	225	25663	50.529	ug/l	98
95) Naphthalene	13.774	128	227325	51.829	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62222	50.416	ug/l	99

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Response via : Initial Calibration

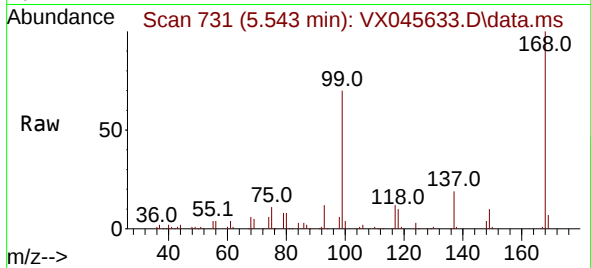
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
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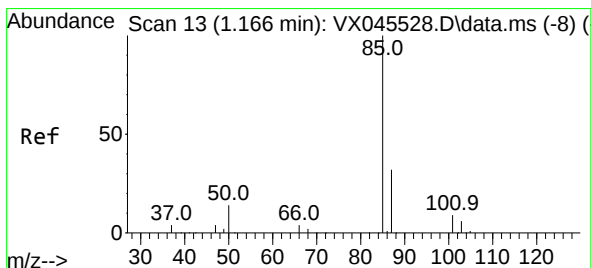
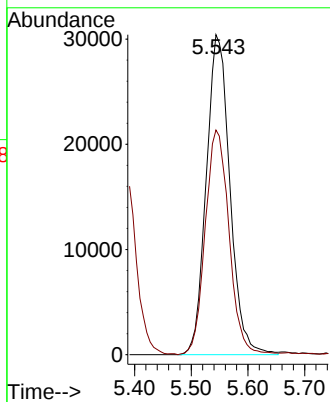
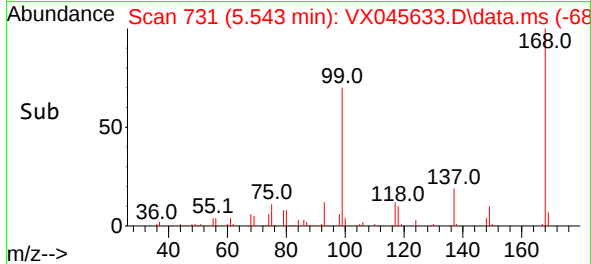
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 8807
Ion Ratio Lower Upper
168 100
99 70.2 52.3 78.5

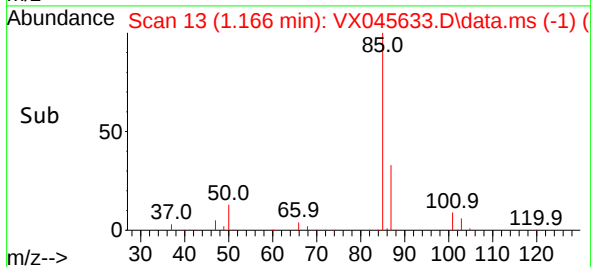
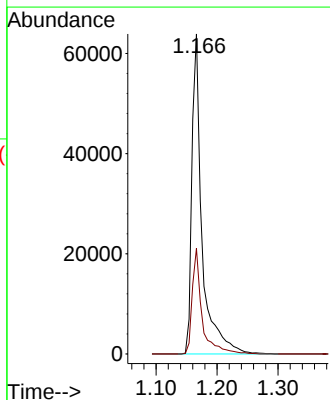
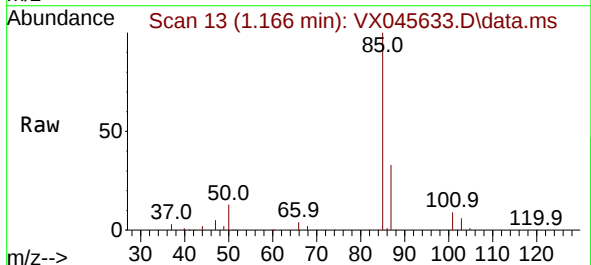
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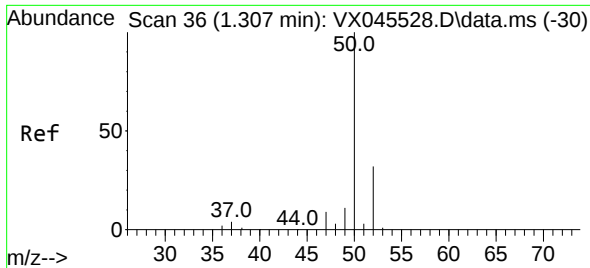
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#2
Dichlorodifluoromethane
Concen: 55.895 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 85 Resp: 73619
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2





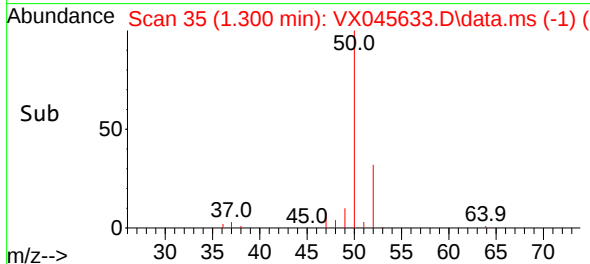
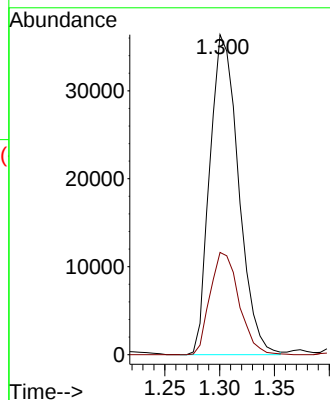
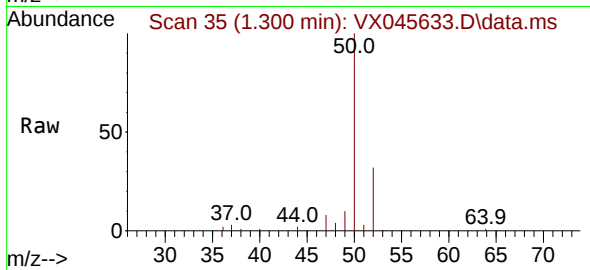
#3
Chloromethane
Concen: 49.093 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
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Tgt Ion: 50 Resp: 66428
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9

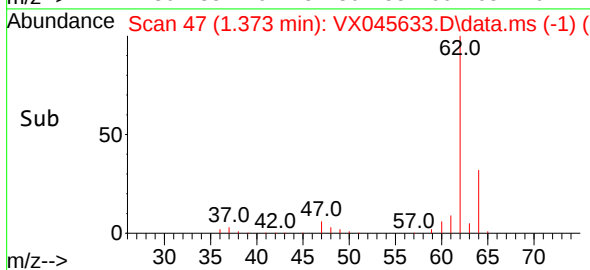
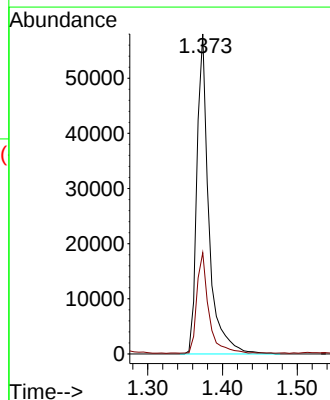
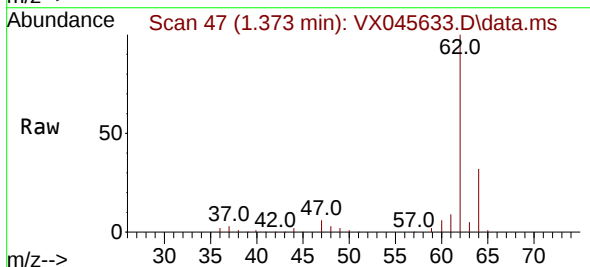
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#4
Vinyl Chloride
Concen: 51.909 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

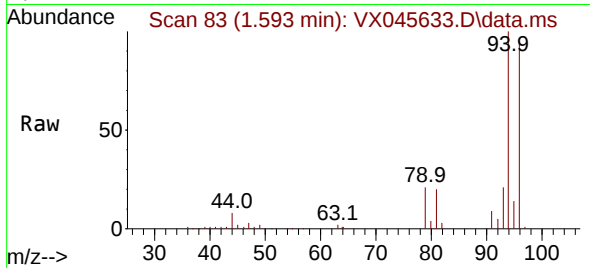
Tgt Ion: 62 Resp: 64279
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3





#5
Bromomethane
Concen: 47.230 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

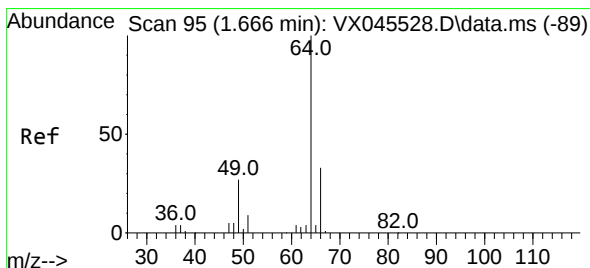
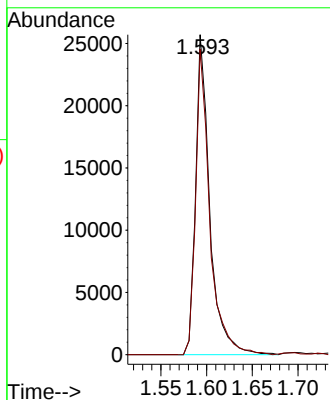
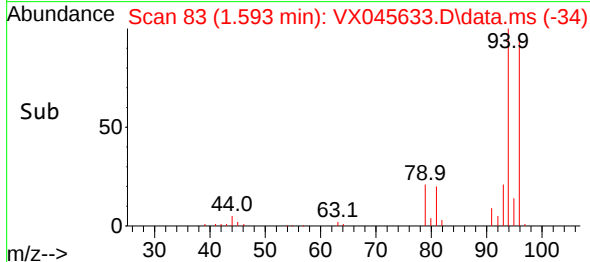
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 2773
Ion Ratio Lower Upper
94 100
96 95.5 74.8 112.2

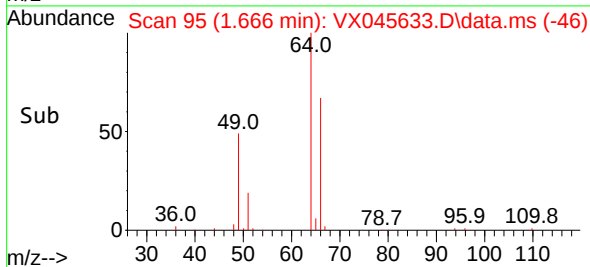
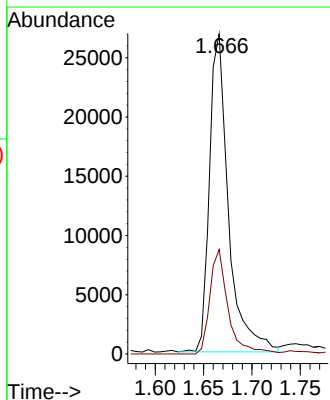
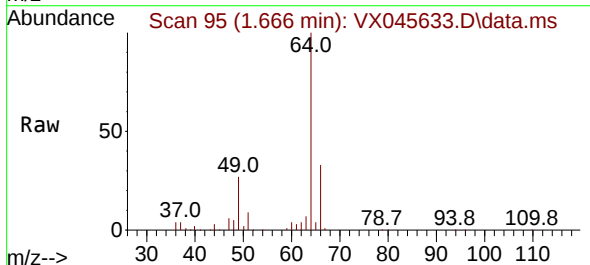
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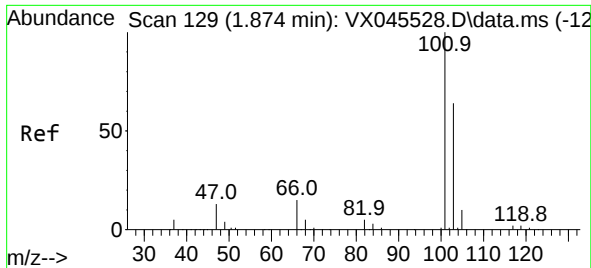
Reviewed By :John Carlone 04/08/2025
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#6
Chloroethane
Concen: 55.910 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045633.D
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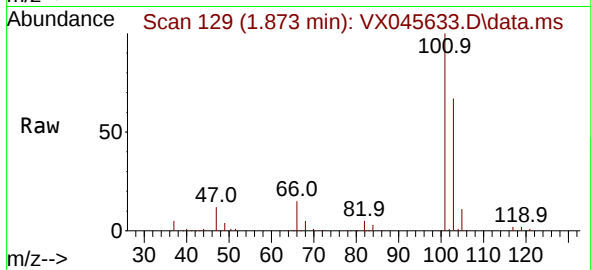
Tgt Ion: 64 Resp: 36732
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 52.569 ug/l
 RT: 1.873 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045633.D
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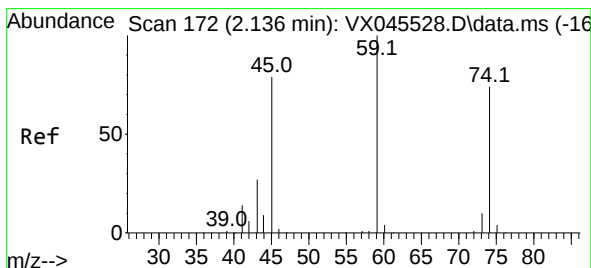
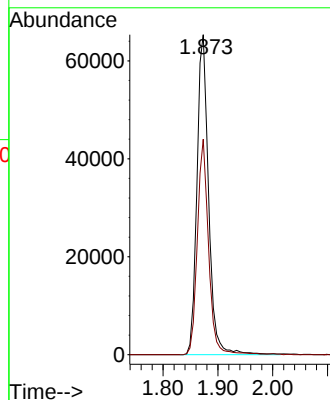
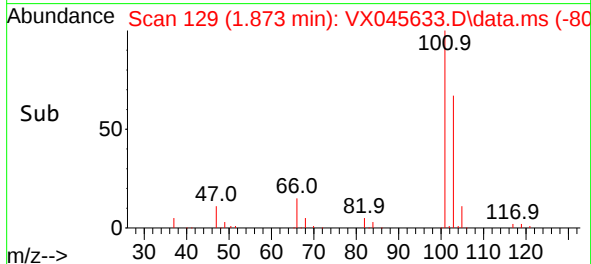
Instrument :
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Tgt Ion:101 Resp: 97072
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.1 76.7

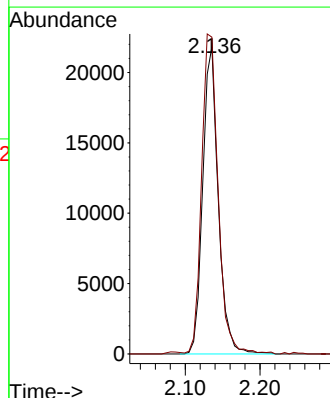
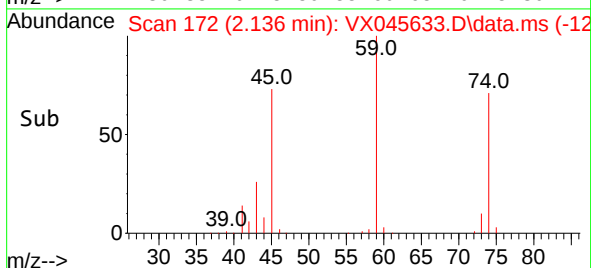
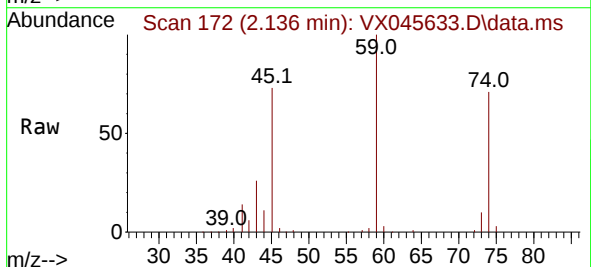
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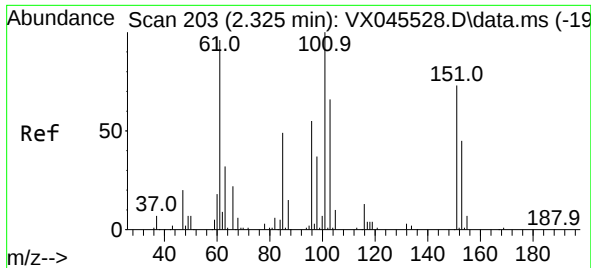
Reviewed By :John Carlone 04/08/2025
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#8
 Diethyl Ether
 Concen: 50.858 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55

Tgt Ion: 74 Resp: 31529
 Ion Ratio Lower Upper
 74 100
 45 110.5 53.0 159.1





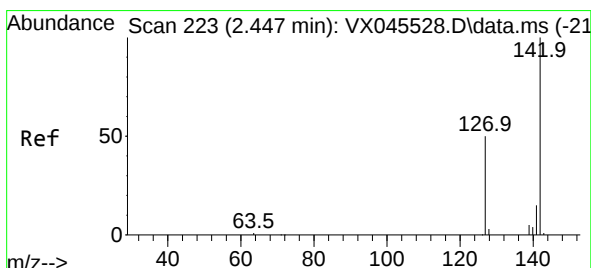
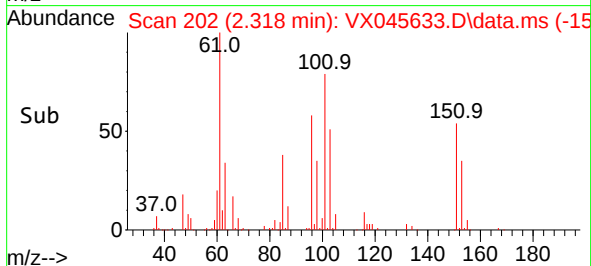
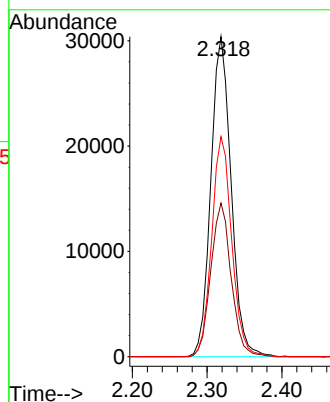
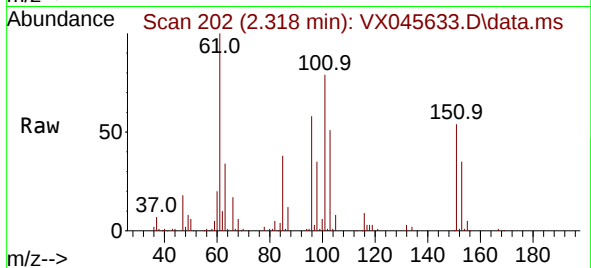
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.083 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045633.D
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Tgt Ion:101 Resp: 57438
Ion Ratio Lower Upper
101 100
85 48.2 38.9 58.3
151 68.1 57.5 86.3

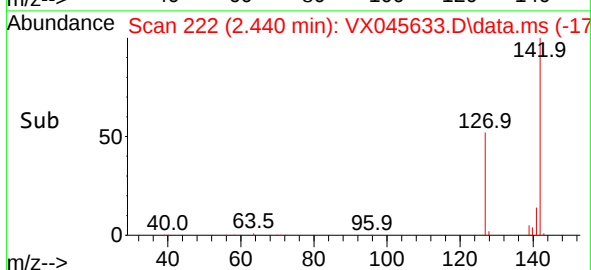
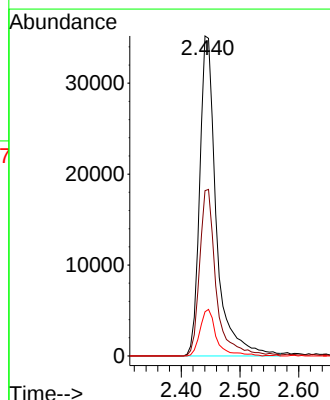
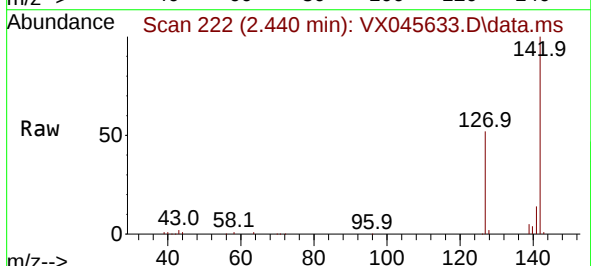
Manual Integrations
APPROVED

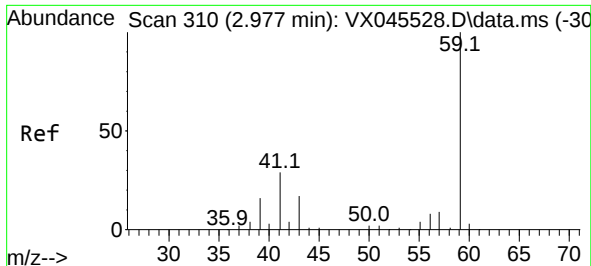
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#10
Methyl Iodide
Concen: 51.543 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

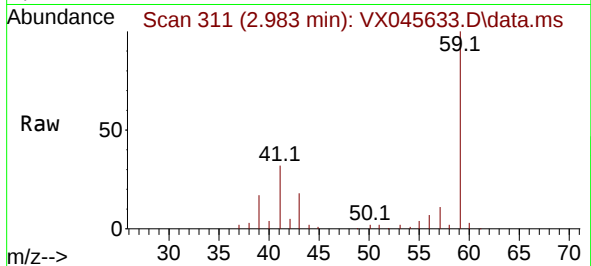
Tgt Ion:142 Resp: 69564
Ion Ratio Lower Upper
142 100
127 51.7 40.2 60.4
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 237.916 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

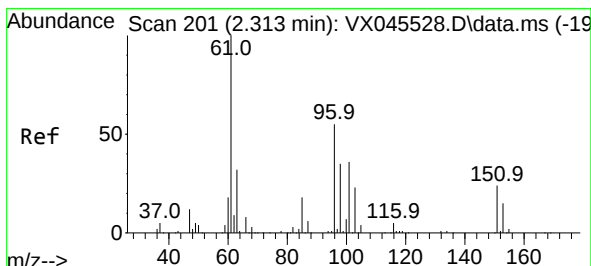
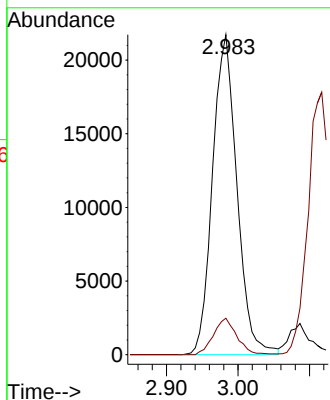
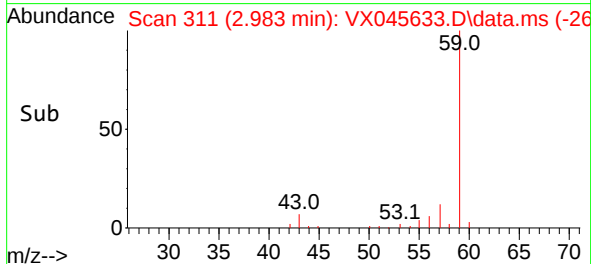
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 5149
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

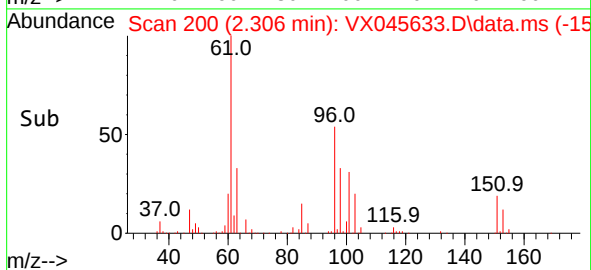
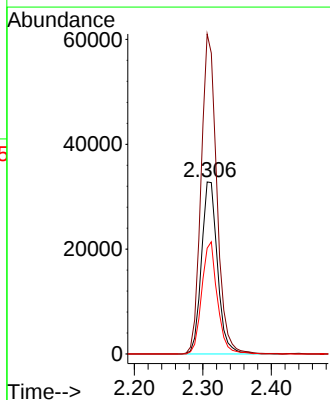
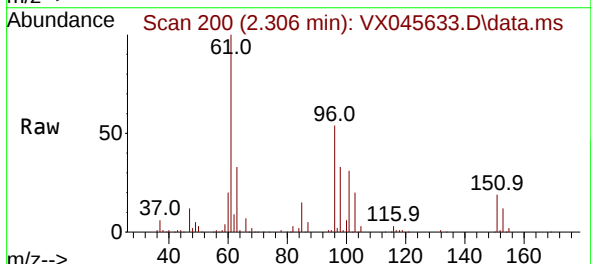
Manual Integrations
APPROVED

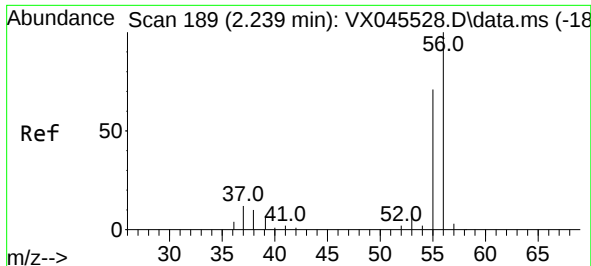
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#12
1,1-Dichloroethene
Concen: 50.668 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 96 Resp: 53571
Ion Ratio Lower Upper
96 100
61 186.1 145.7 218.5
98 61.6 51.6 77.4





#13

Acrolein

Concen: 305.749 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 91134

Ion Ratio Lower Upper

56 100

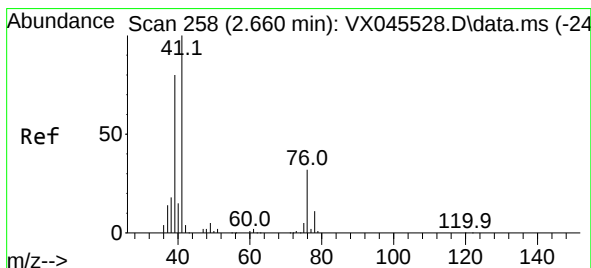
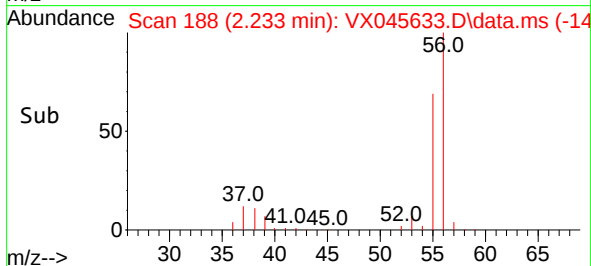
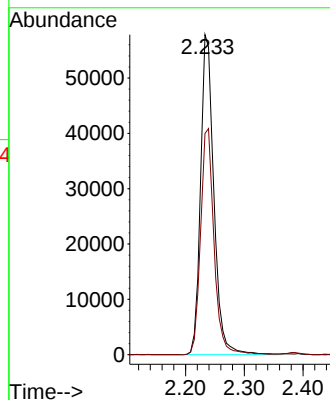
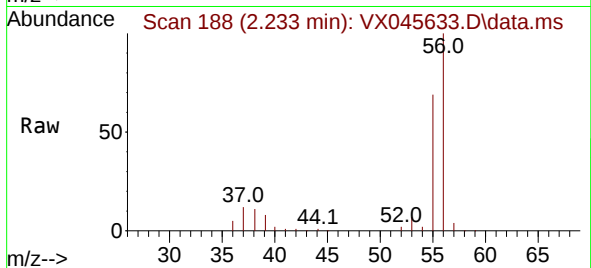
55 71.5 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#14

Allyl chloride

Concen: 51.558 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

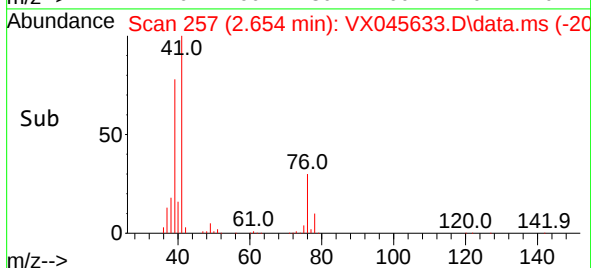
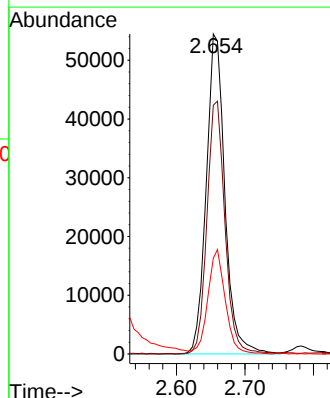
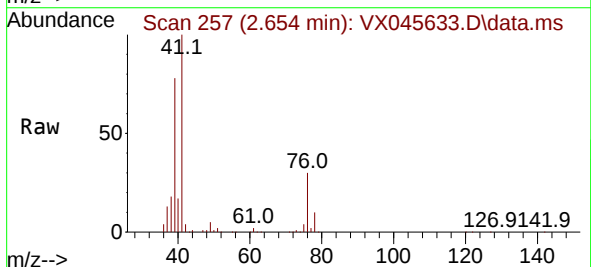
Tgt Ion: 41 Resp: 103430

Ion Ratio Lower Upper

41 100

39 76.1 60.2 90.2

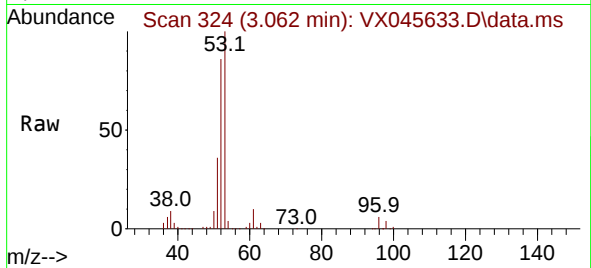
76 30.7 24.6 36.8





#15
Acrylonitrile
Concen: 261.428 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

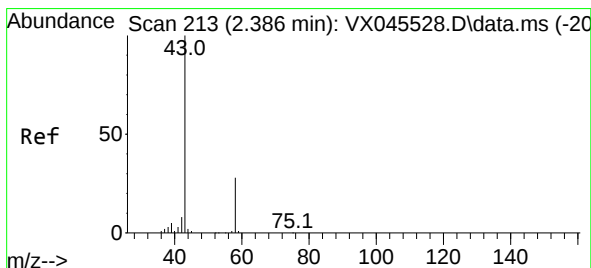
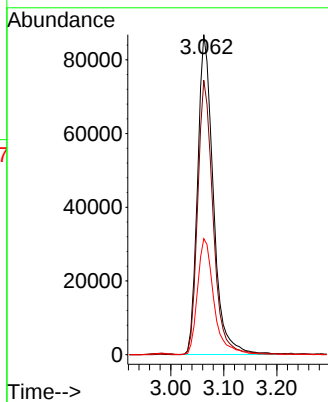
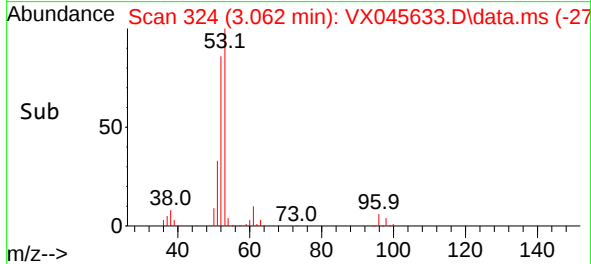
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



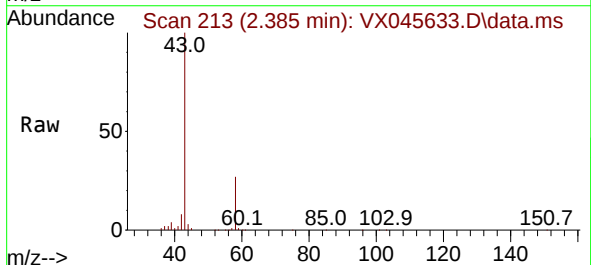
Tgt Ion: 53 Resp: 17862
Ion Ratio Lower Upper
53 100
52 84.5 67.4 101.2
51 37.8 29.9 44.9

Manual Integrations
APPROVED

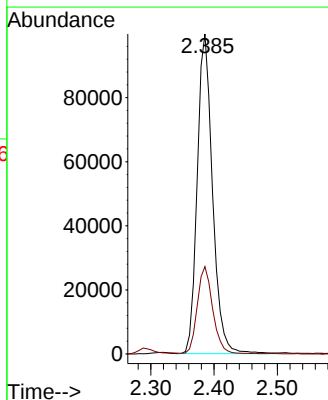
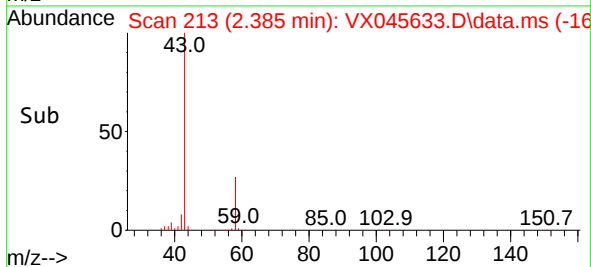
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

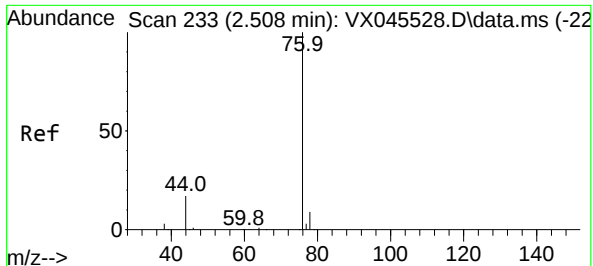


#16
Acetone
Concen: 254.006 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55



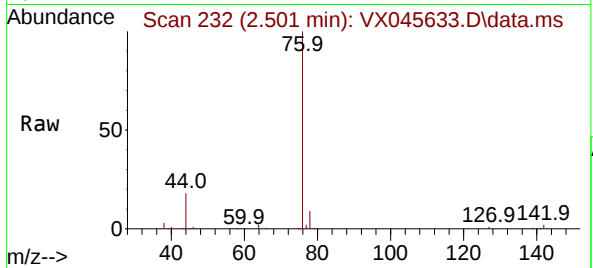
Tgt Ion: 43 Resp: 167988
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5





#17
Carbon Disulfide
Concen: 47.641 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

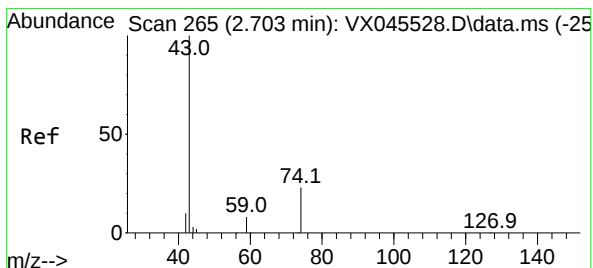
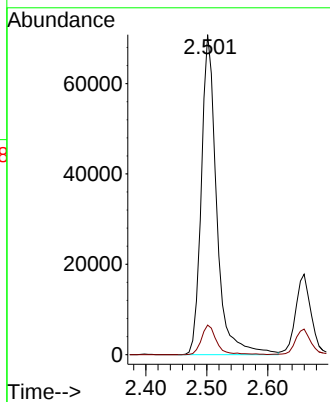
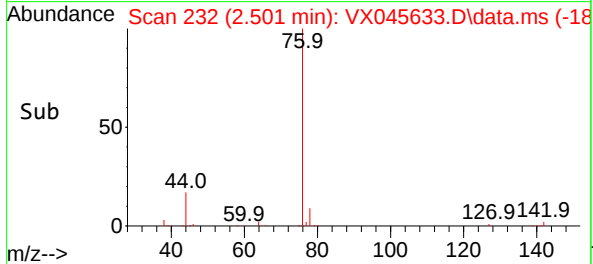
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 124400
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

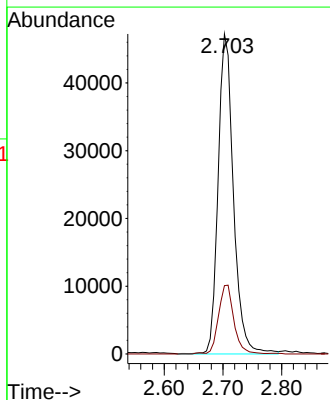
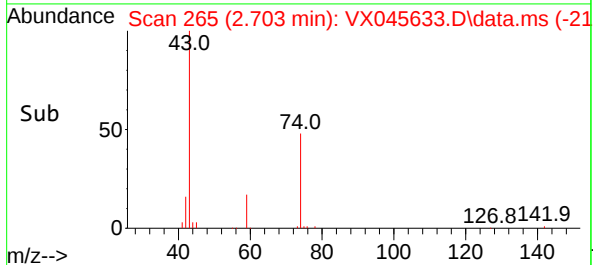
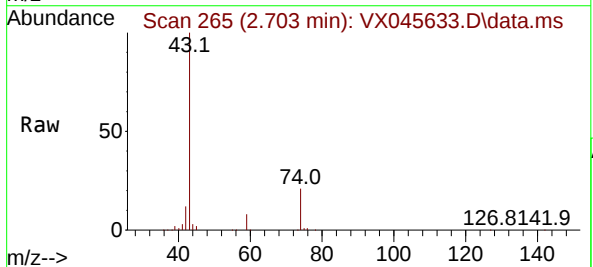
Manual Integrations
APPROVED

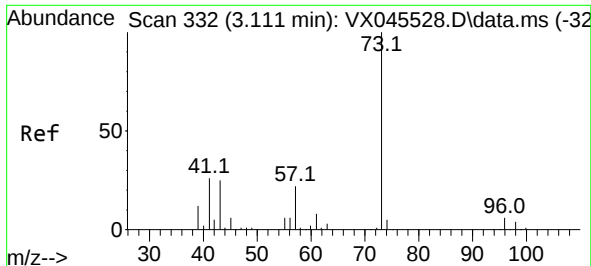
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#18
Methyl Acetate
Concen: 56.221 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 43 Resp: 85607
Ion Ratio Lower Upper
43 100
74 21.6 17.5 26.3





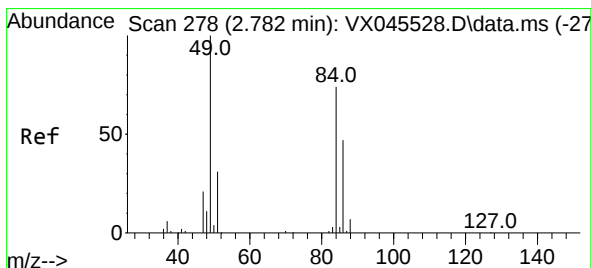
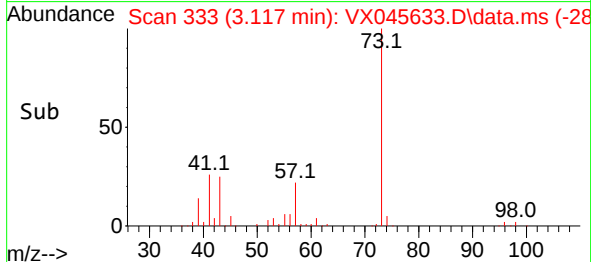
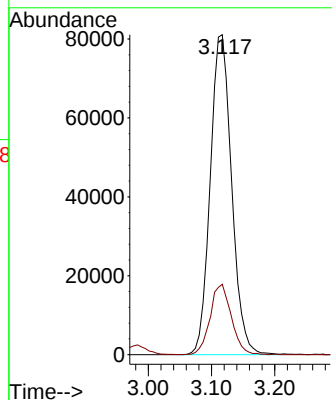
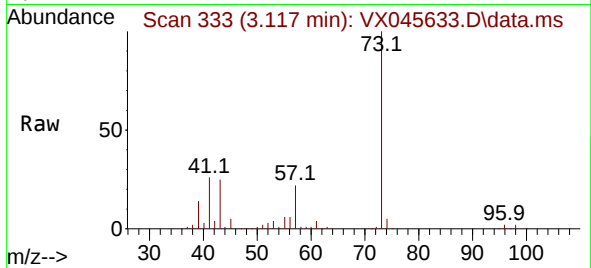
#19
Methyl tert-butyl Ether
Concen: 51.455 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 190309
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

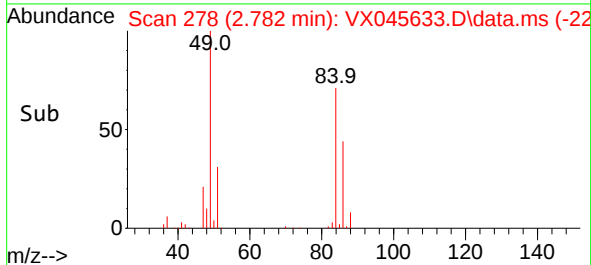
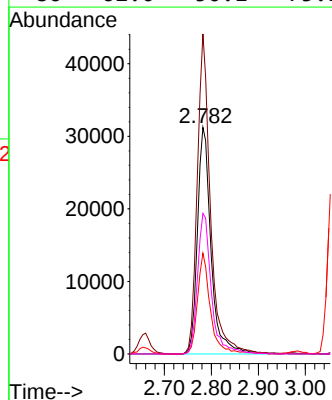
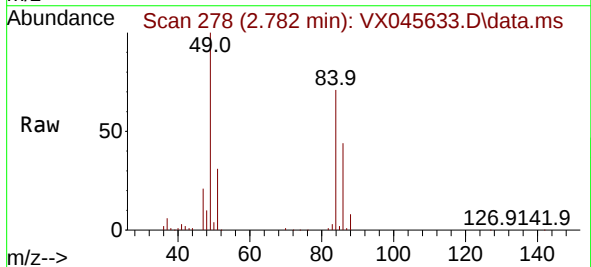
Manual Integrations
APPROVED

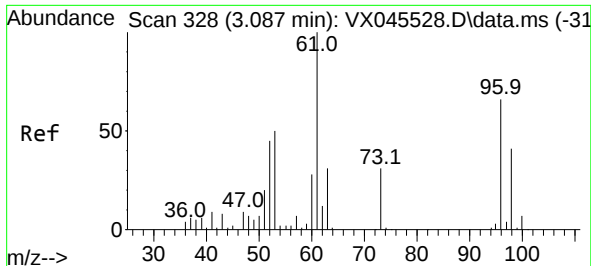
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#20
Methylene Chloride
Concen: 51.125 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

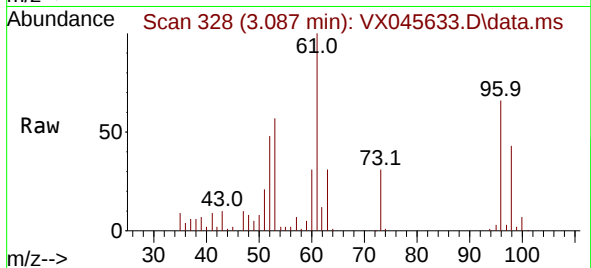
Tgt Ion: 84 Resp: 63300
Ion Ratio Lower Upper
84 100
49 141.3 107.5 161.3
51 44.5 33.0 49.6
86 62.0 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.089 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

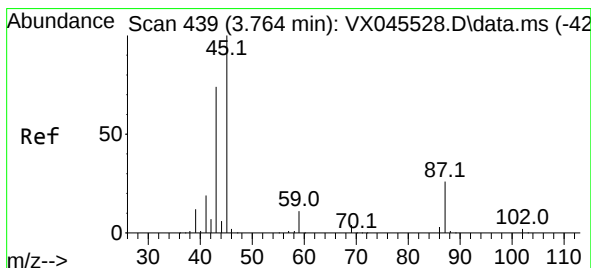
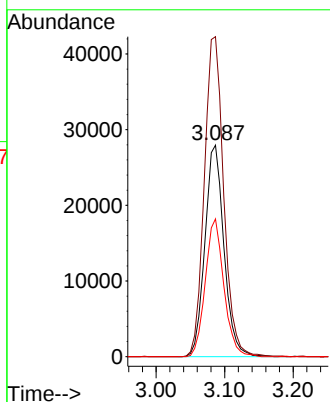
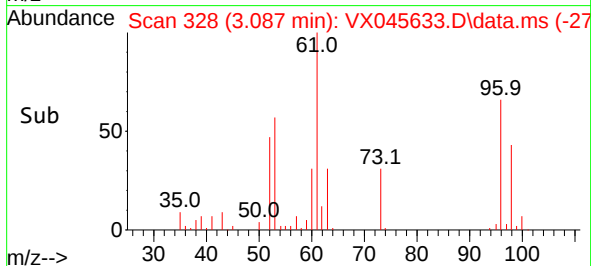
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 54104
Ion Ratio Lower Upper
96 100
61 151.3 121.0 181.6
98 65.1 49.7 74.5

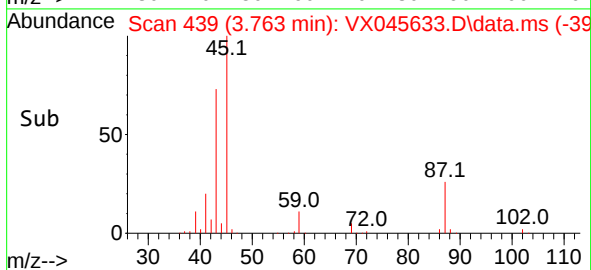
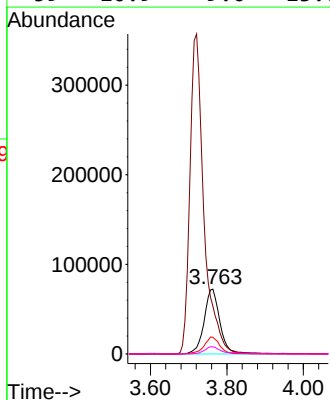
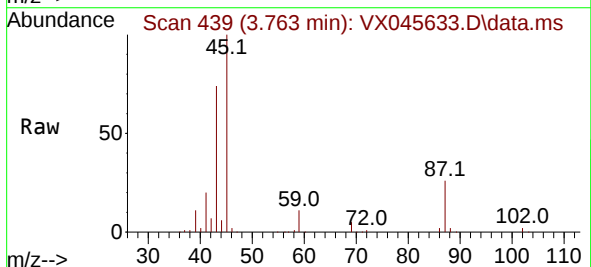
Manual Integrations
APPROVED

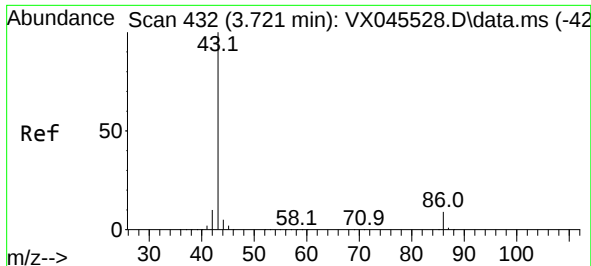
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#22
Diisopropyl ether
Concen: 52.336 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

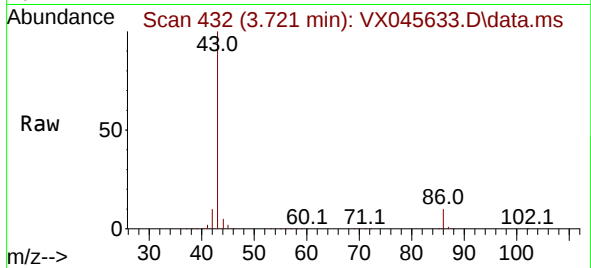
Tgt Ion: 45 Resp: 206815
Ion Ratio Lower Upper
45 100
43 73.2 59.3 88.9
87 25.6 20.4 30.6
59 10.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 266.942 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55

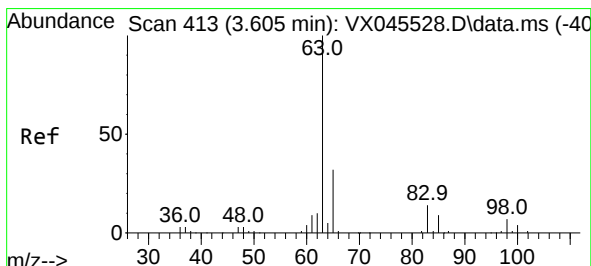
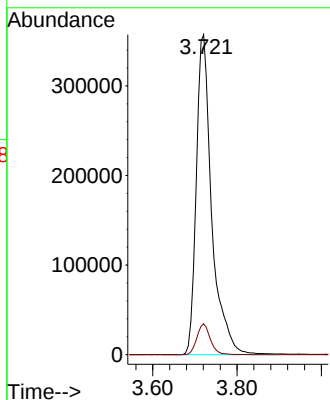
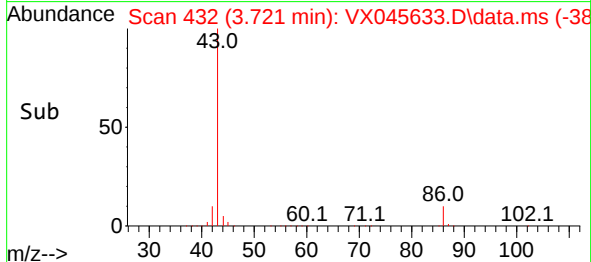
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



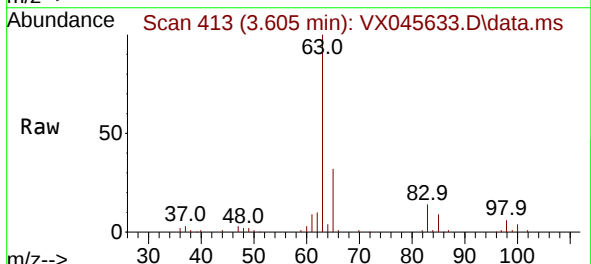
Tgt Ion: 43 Resp: 91140
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

Manual Integrations
 APPROVED

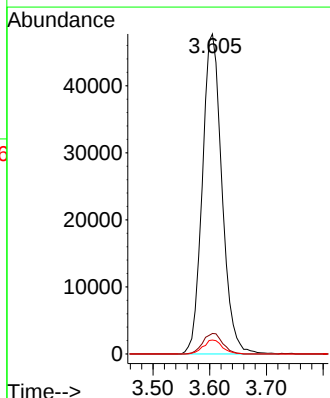
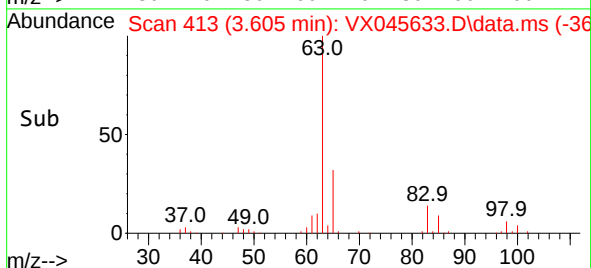
Reviewed By :John Carlone 04/08/2025
 Supervised By :Mahesh Dadoda 04/08/2025

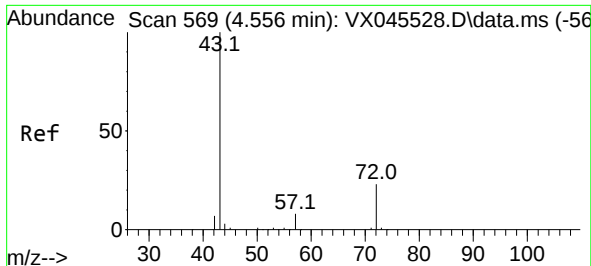


#24
 1,1-Dichloroethane
 Concen: 51.220 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55



Tgt Ion: 63 Resp: 114469
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.4 2.2 6.6





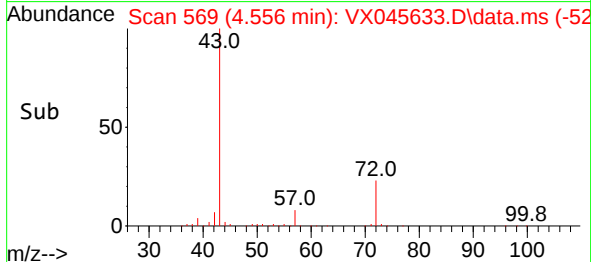
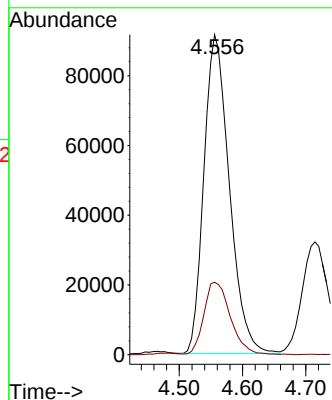
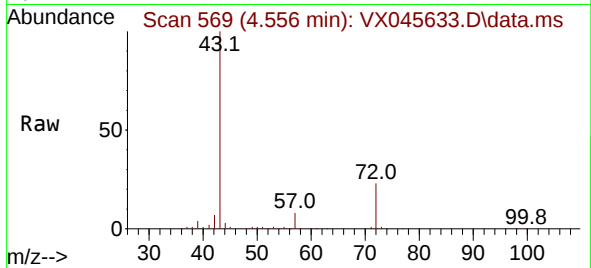
#25
2-Butanone
Concen: 263.751 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 255334
Ion Ratio Lower Upper
43 100
72 22.6 18.6 28.0

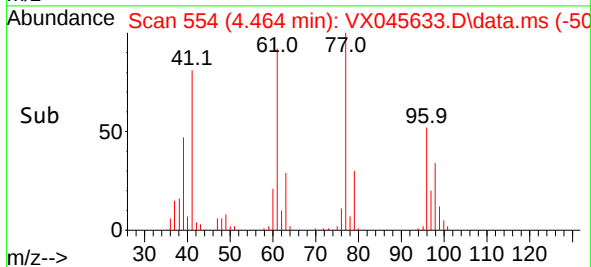
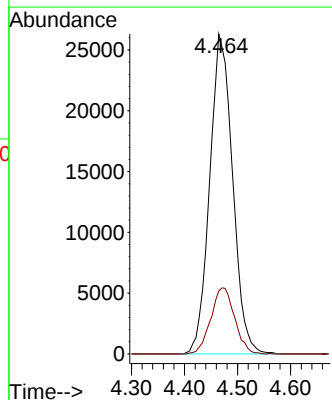
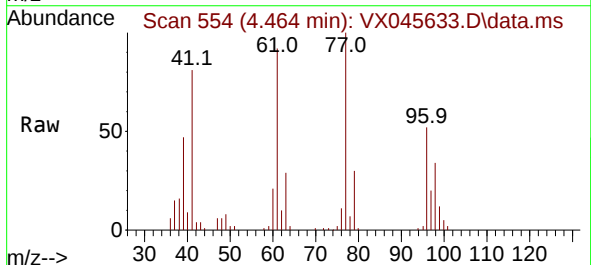
Manual Integrations
APPROVED

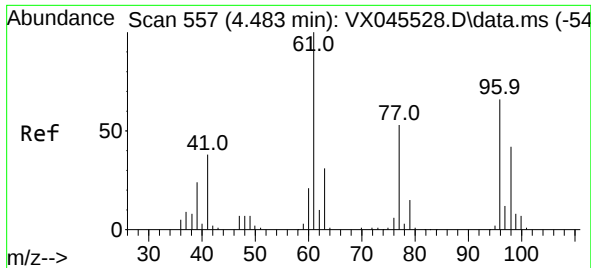
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#26
2,2-Dichloropropane
Concen: 54.719 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

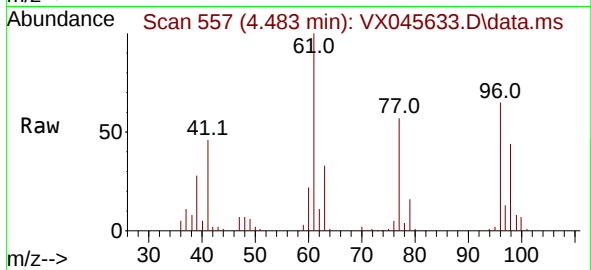
Tgt Ion: 77 Resp: 79009
Ion Ratio Lower Upper
77 100
97 21.4 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.500 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55

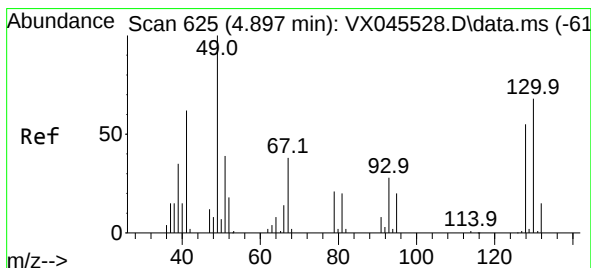
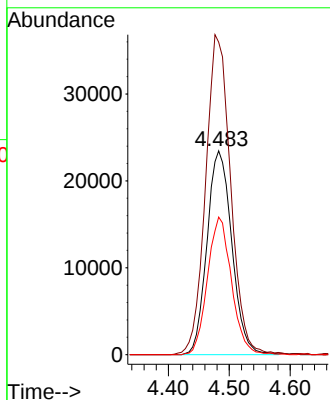
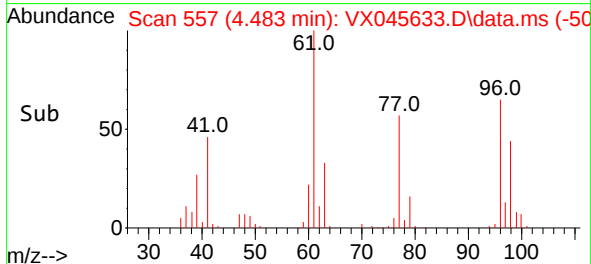
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 6645
 Ion Ratio Lower Upper
 96 100
 61 158.3 0.0 313.2
 98 65.3 0.0 126.4

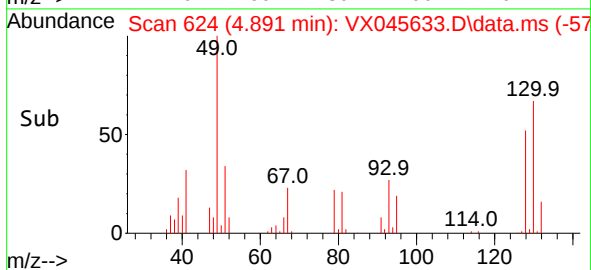
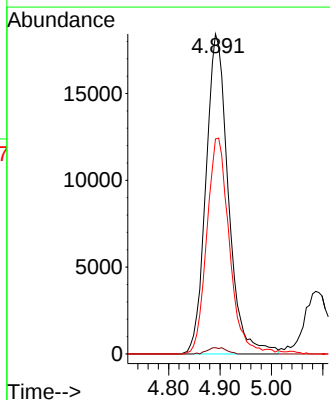
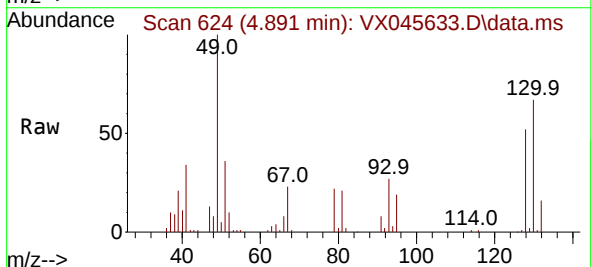
Manual Integrations
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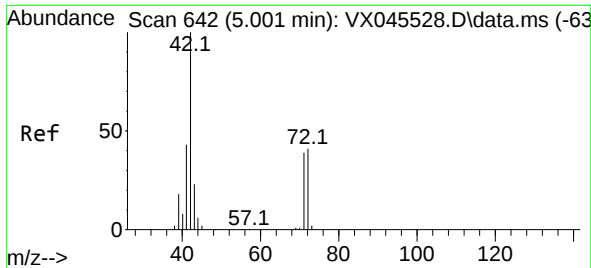
Reviewed By :John Carlone 04/08/2025
 Supervised By :Mahesh Dadoda 04/08/2025



#28
 Bromochloromethane
 Concen: 51.784 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55

Tgt Ion: 49 Resp: 55925
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 68.2 54.6 81.8





#29

Tetrahydrofuran

Concen: 258.760 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 162409

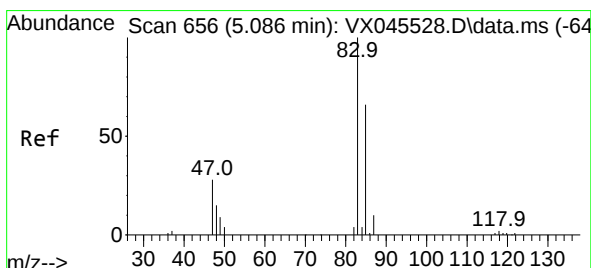
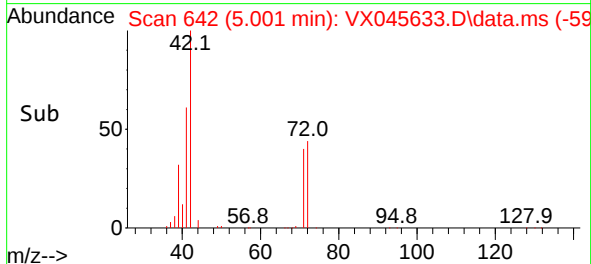
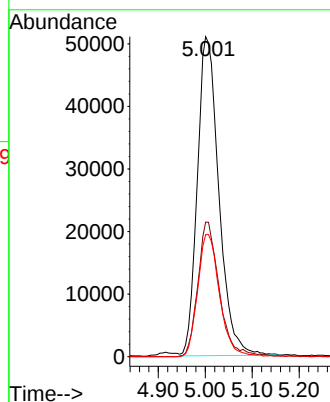
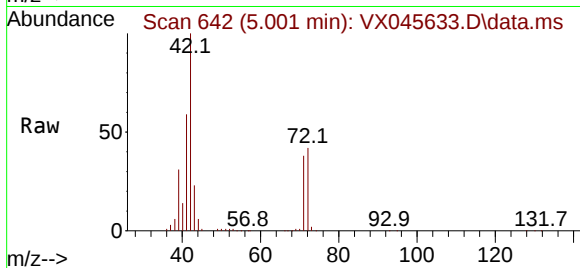
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.4	50.0
71	38.8	31.4	47.0

Manual Integrations

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Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#30

Chloroform

Concen: 51.594 ug/l

RT: 5.086 min Scan# 656

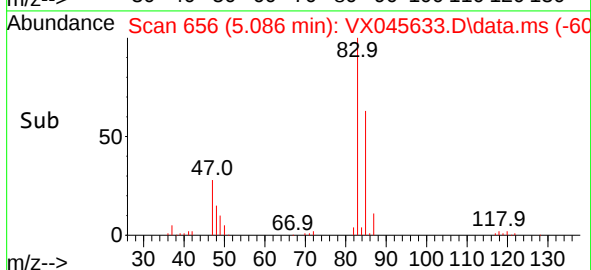
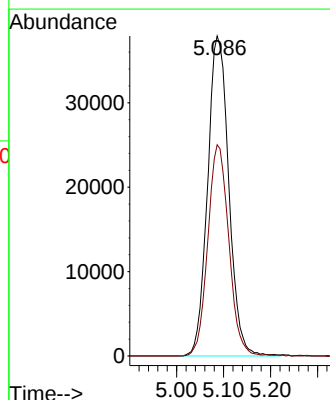
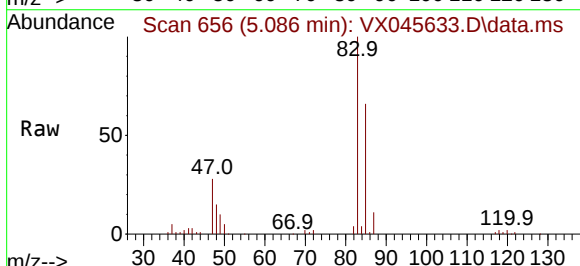
Delta R.T. -0.000 min

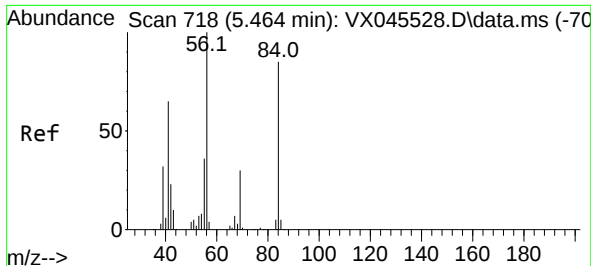
Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Tgt Ion: 83 Resp: 118644

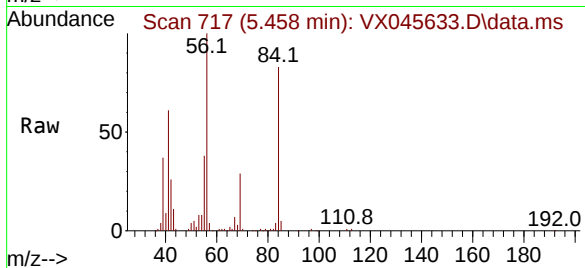
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.8	79.2





#31
Cyclohexane
Concen: 50.916 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

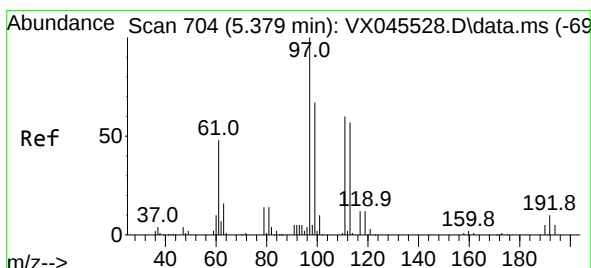
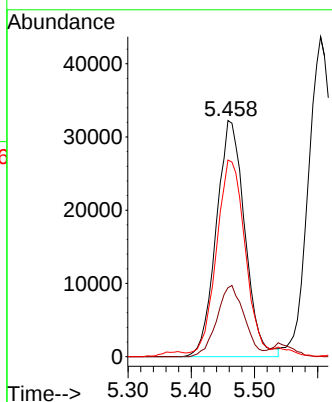
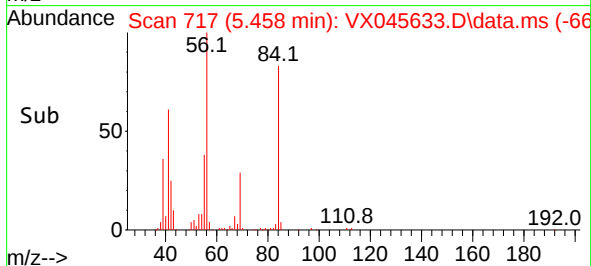
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 100599
Ion Ratio Lower Upper
56 100
69 28.8 23.6 35.4
84 81.1 67.7 101.5

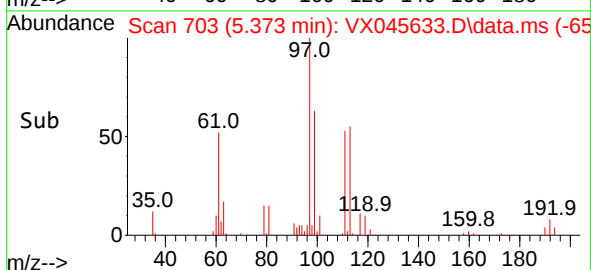
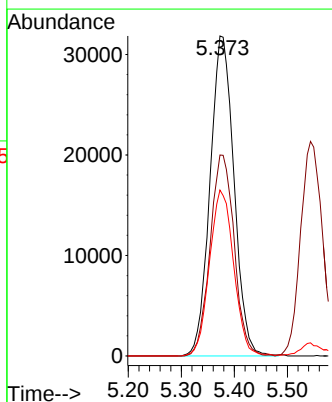
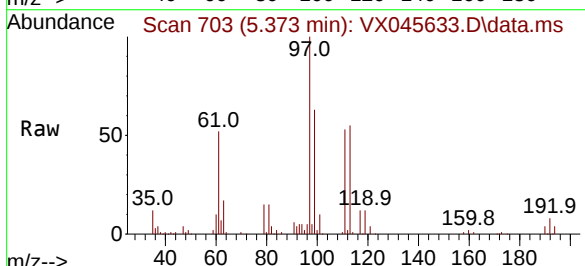
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#32
1,1,1-Trichloroethane
Concen: 51.328 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 97 Resp: 99876
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 52.5 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 51.519 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 82970

Ion Ratio Lower Upper

65 100

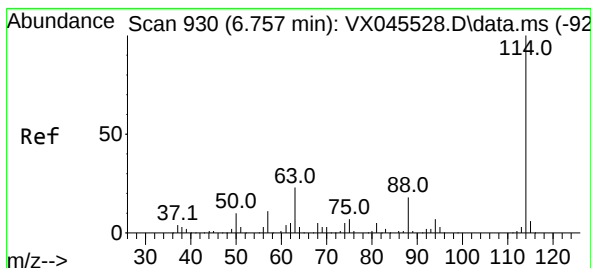
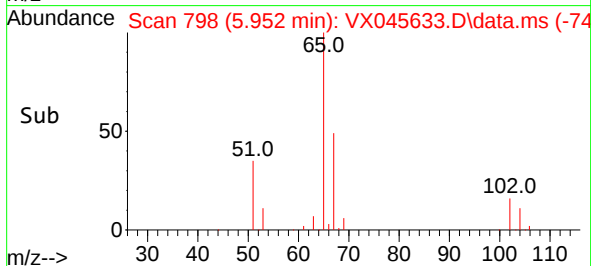
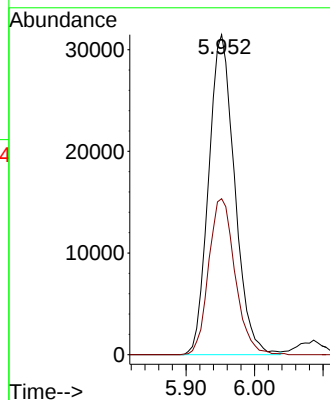
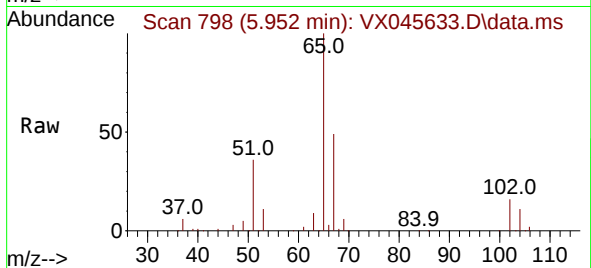
67 49.4 0.0 99.0

Manual Integrations

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Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

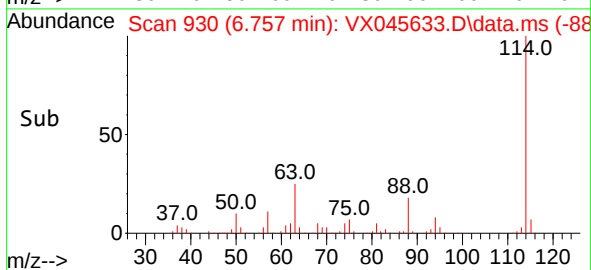
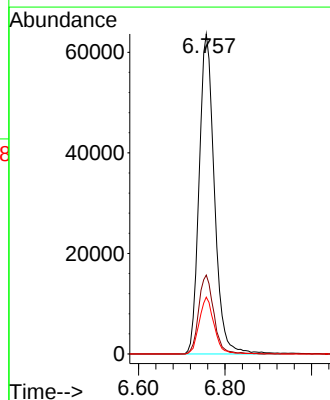
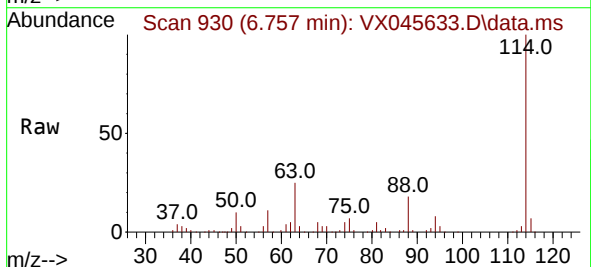
Tgt Ion:114 Resp: 155430

Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.8

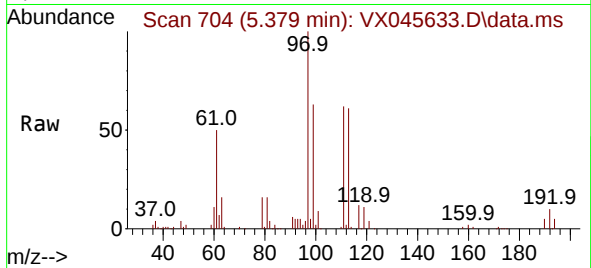
88 17.7 0.0 35.4





#35
Dibromofluoromethane
Concen: 51.845 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

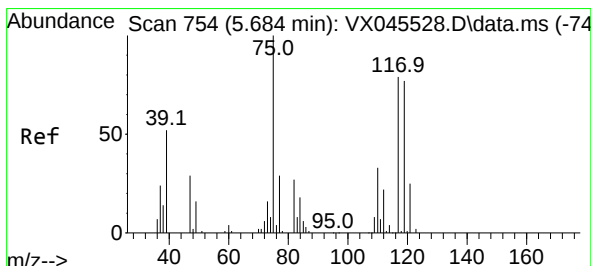
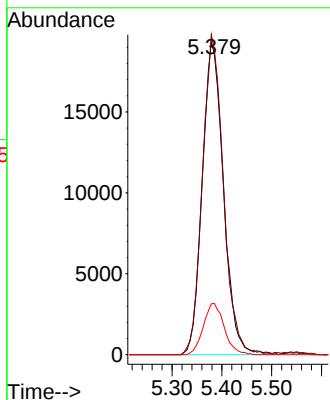
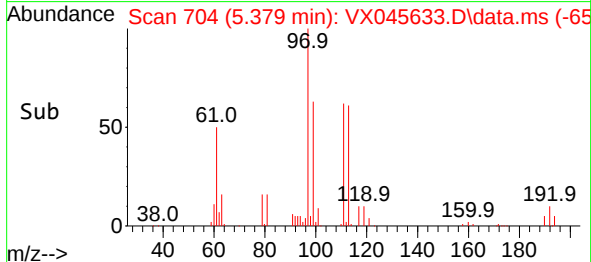
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 5717
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.6
192 16.1 13.8 20.6

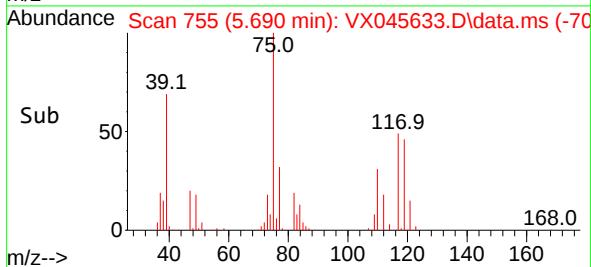
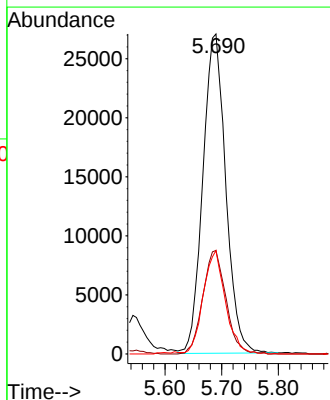
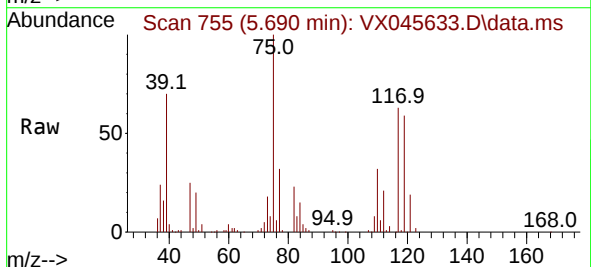
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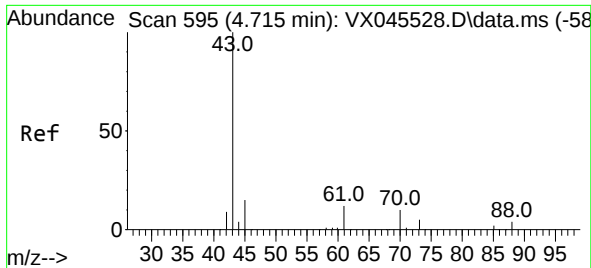
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#36
1,1-Dichloropropene
Concen: 50.994 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

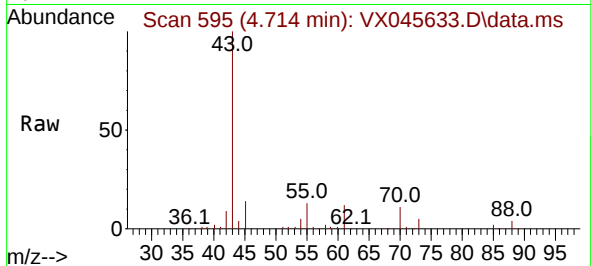
Tgt Ion: 75 Resp: 75928
Ion Ratio Lower Upper
75 100
110 32.7 16.9 50.6
77 31.3 25.0 37.4





#37
Ethyl Acetate
Concen: 51.348 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

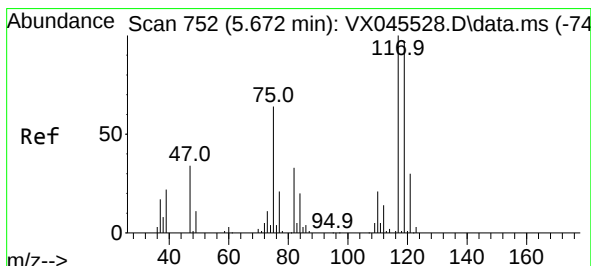
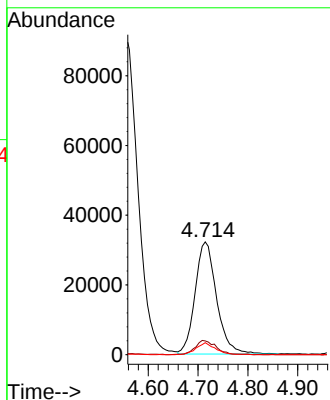
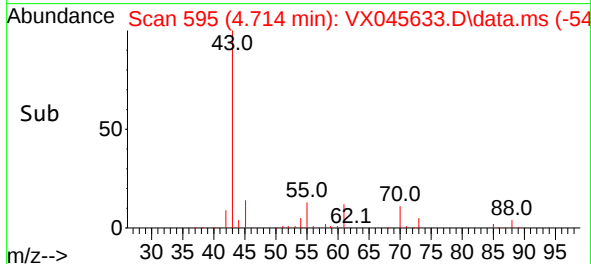
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 96350
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 9.6 7.5 11.3

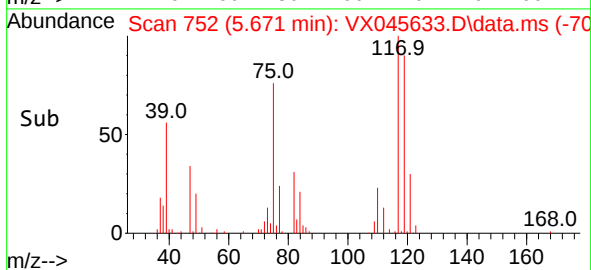
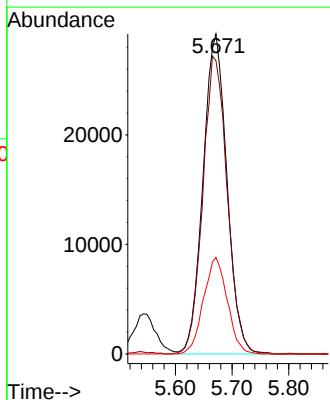
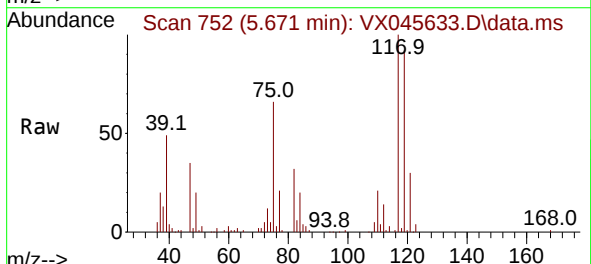
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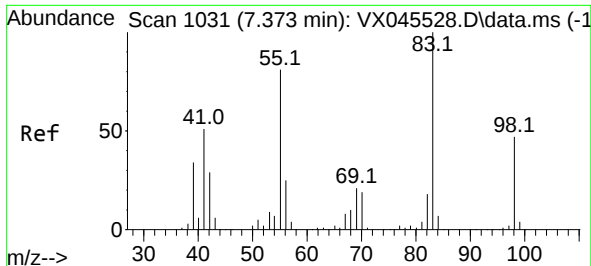
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#38
Carbon Tetrachloride
Concen: 53.283 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion:117 Resp: 85743
Ion Ratio Lower Upper
117 100
119 91.7 76.9 115.3
121 30.1 24.2 36.2





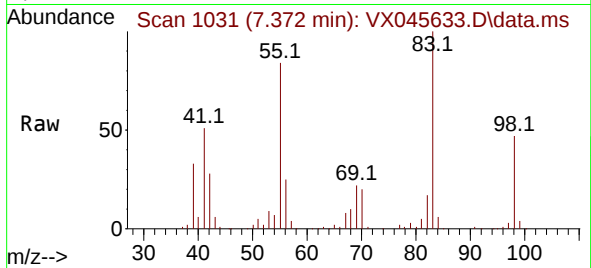
#39
Methylcyclohexane
Concen: 52.745 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



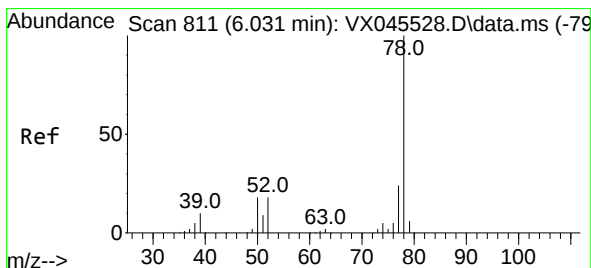
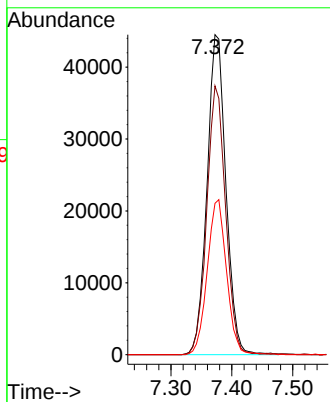
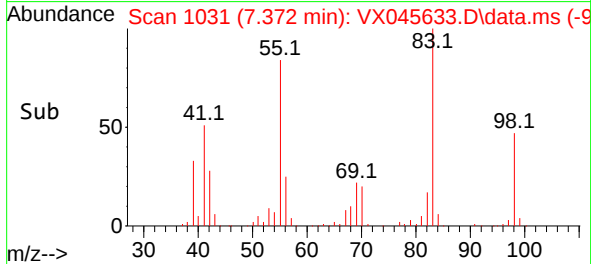
Tgt Ion: 83 Resp: 96270
Ion Ratio Lower Upper
83 100
55 84.0 64.9 97.3
98 47.3 37.4 56.0

Manual Integrations

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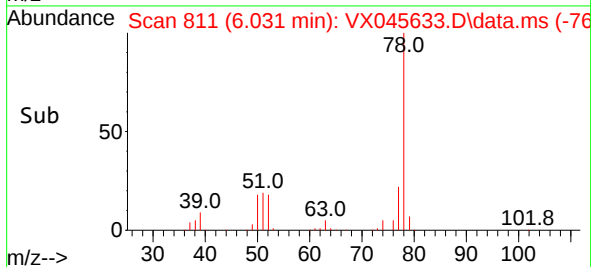
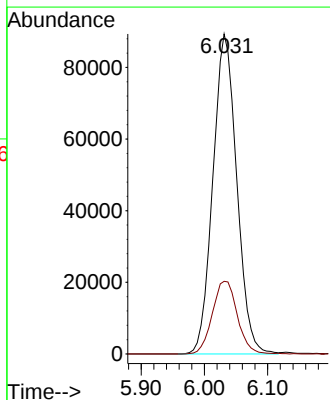
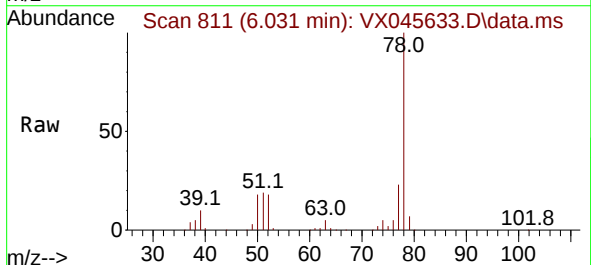
Reviewed By :John Carbone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#40
Benzene
Concen: 51.397 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

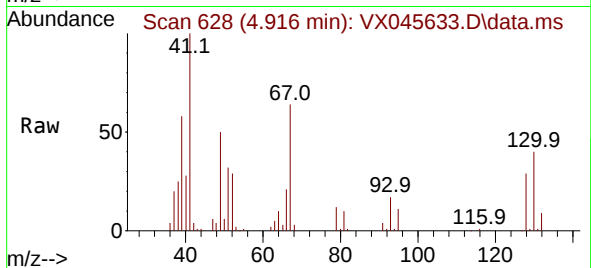
Tgt Ion: 78 Resp: 233728
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 56.323 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

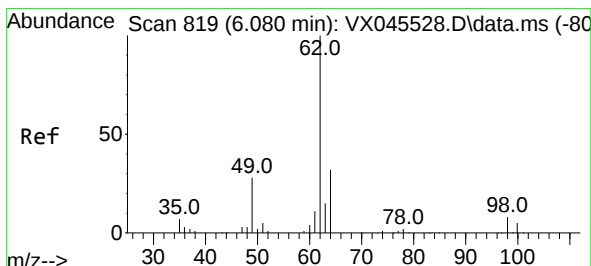
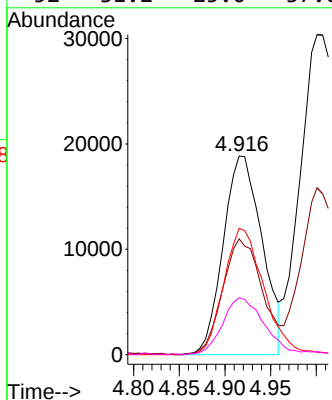
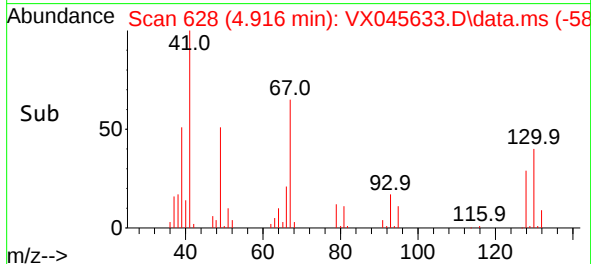
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 55762
Ion Ratio Lower Upper
41 100
39 60.6 47.0 70.6
67 66.1 53.2 79.8
52 31.2 25.0 37.6

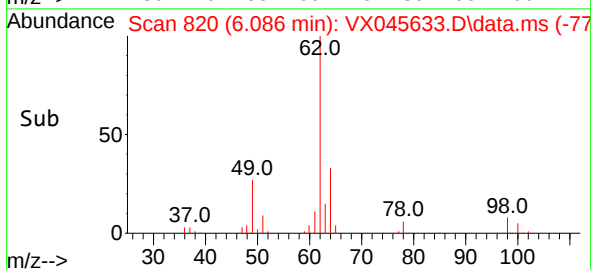
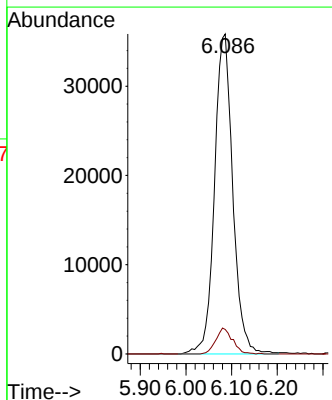
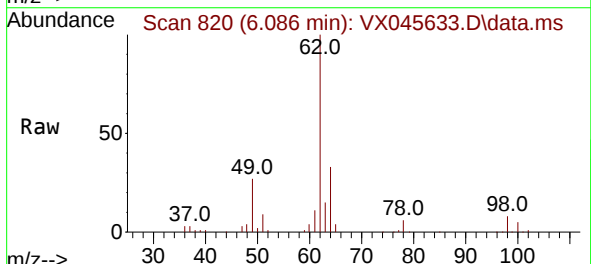
Manual Integrations
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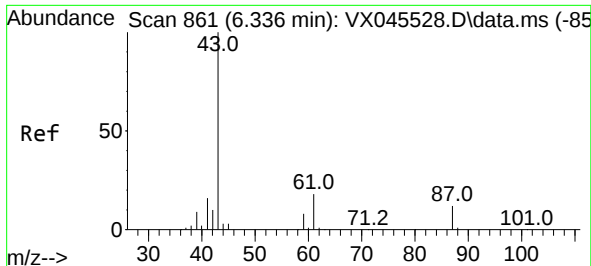
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#42
1,2-Dichloroethane
Concen: 52.969 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 62 Resp: 99487
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43

Isopropyl Acetate

Concen: 53.494 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 15213

Ion Ratio Lower Upper

43 100

61 17.9 14.1 21.1

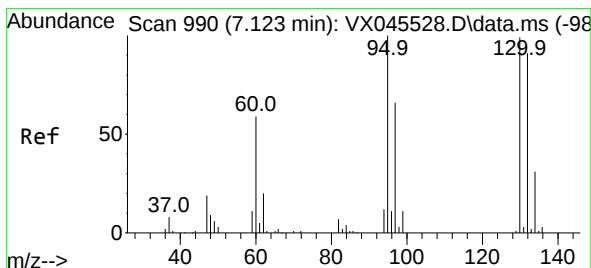
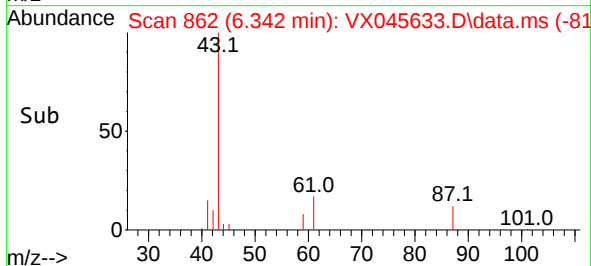
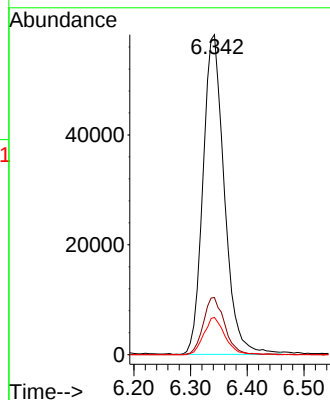
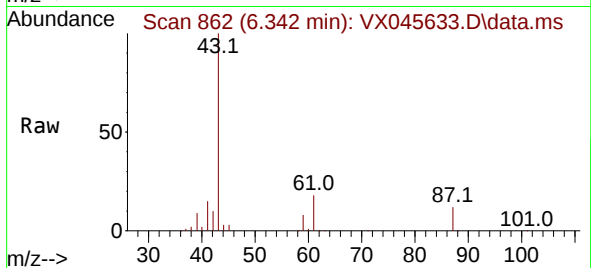
87 11.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#44

Trichloroethene

Concen: 50.092 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045633.D

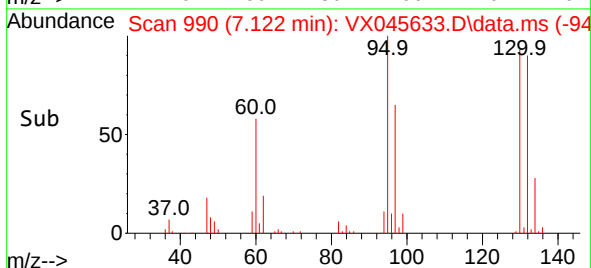
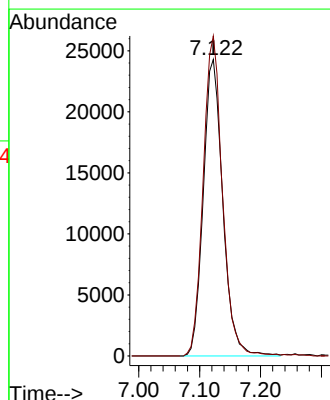
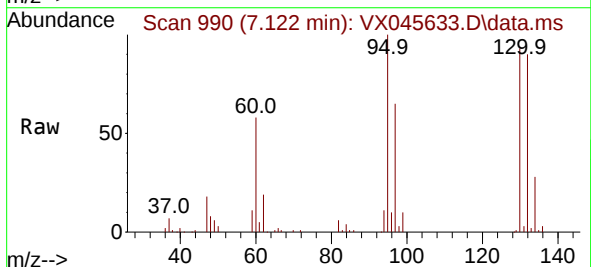
Acq: 07 Apr 2025 16:55

Tgt Ion:130 Resp: 54142

Ion Ratio Lower Upper

130 100

95 107.9 0.0 202.0





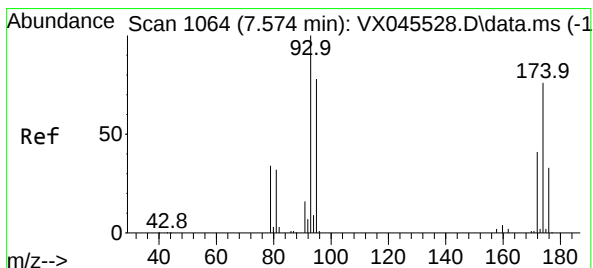
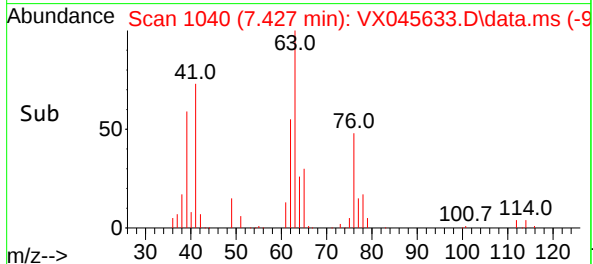
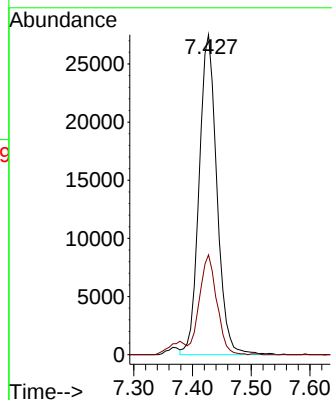
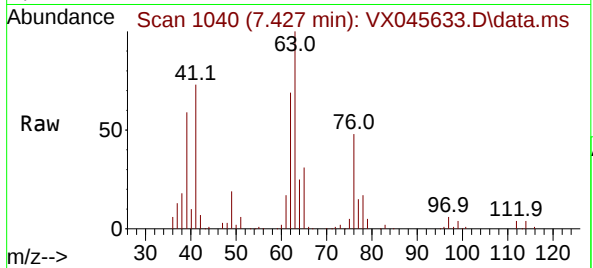
#45
1,2-Dichloropropane
Concen: 50.848 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 57694
Ion Ratio Lower Upper
63 100
65 31.2 25.8 38.6

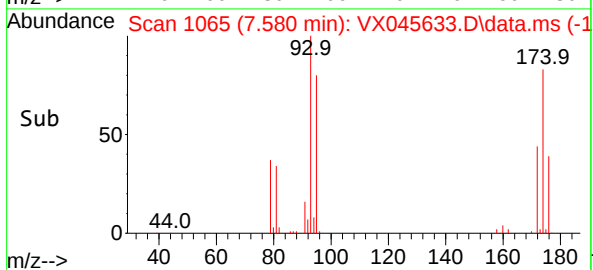
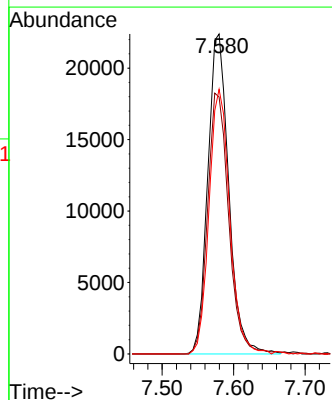
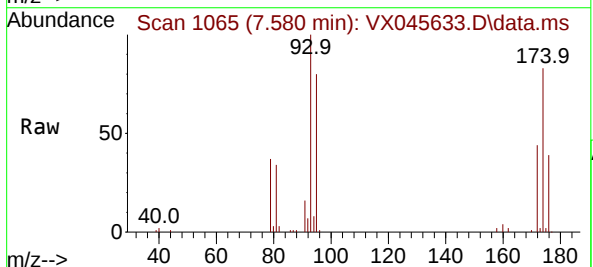
Manual Integrations
APPROVED

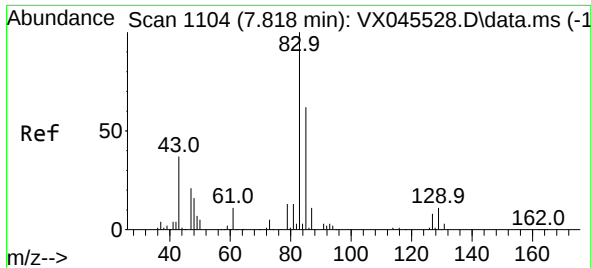
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#46
Dibromomethane
Concen: 52.311 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 93 Resp: 45563
Ion Ratio Lower Upper
93 100
95 82.4 64.8 97.2
174 81.7 65.4 98.0





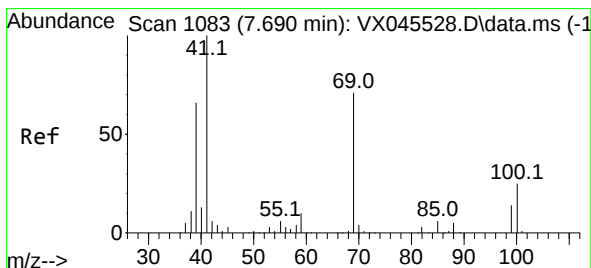
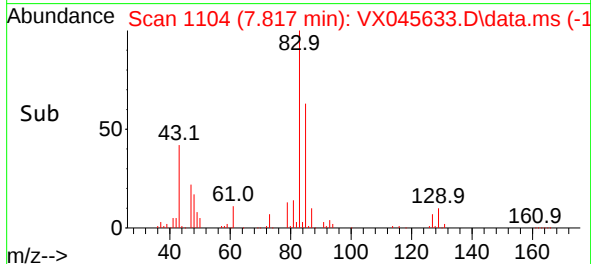
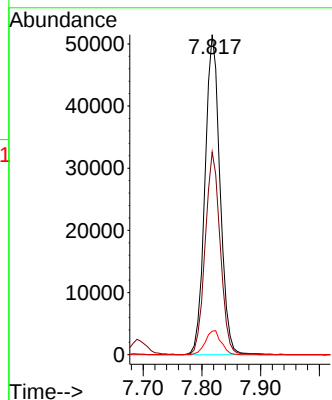
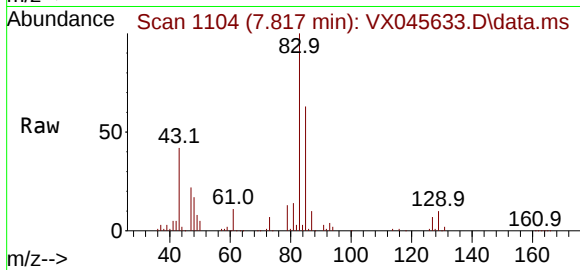
#47
Bromodichloromethane
Concen: 52.621 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9153
Ion Ratio Lower Upper
83 100
85 63.4 49.7 74.5
127 7.4 6.1 9.1

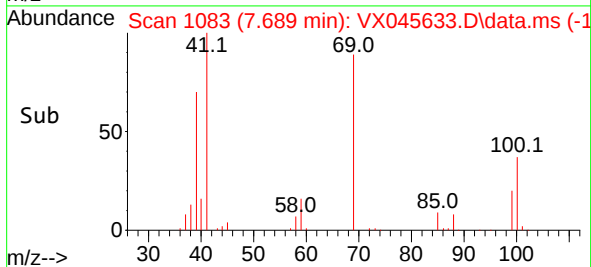
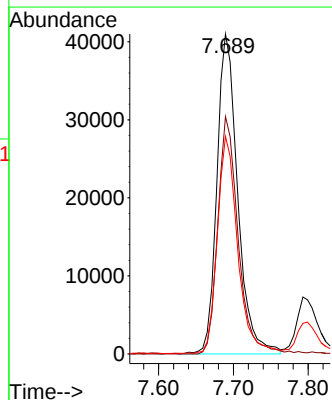
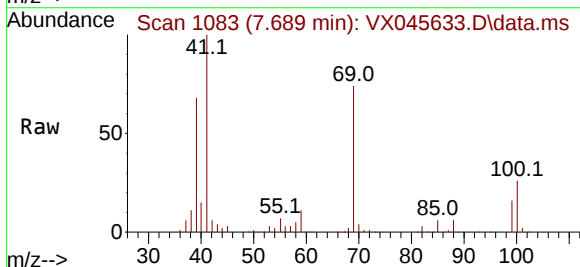
Manual Integrations
APPROVED

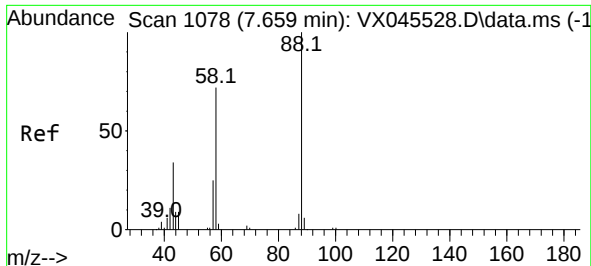
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#48
Methyl methacrylate
Concen: 54.044 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

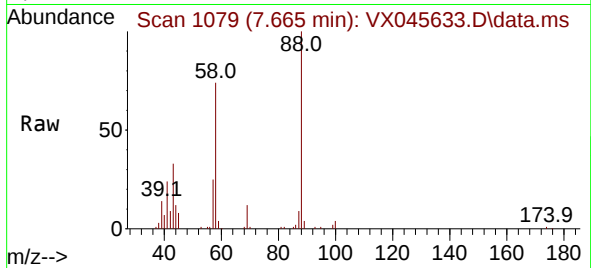
Tgt Ion: 41 Resp: 79358
Ion Ratio Lower Upper
41 100
69 72.6 58.2 87.2
39 66.2 53.6 80.4





#49
1,4-Dioxane
Concen: 946.252 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

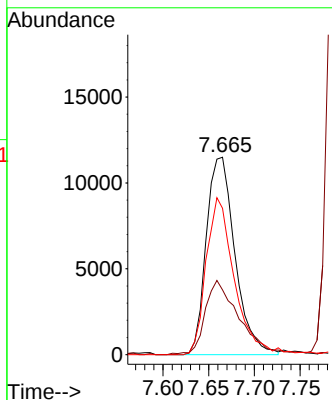
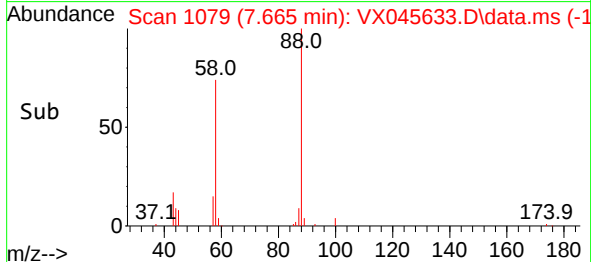
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 25139
Ion Ratio Lower Upper
88 100
43 44.8 32.2 48.4
58 78.5 58.6 88.0

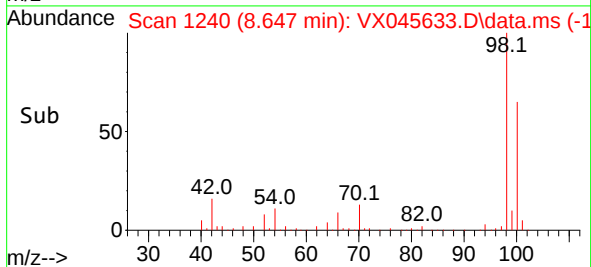
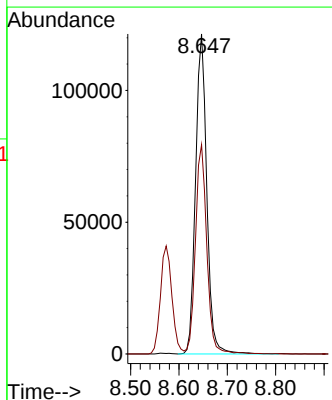
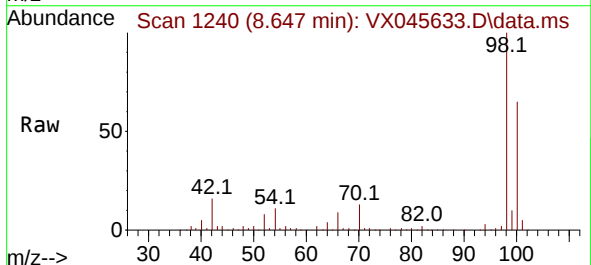
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#50
Toluene-d8
Concen: 50.723 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 98 Resp: 195240
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4





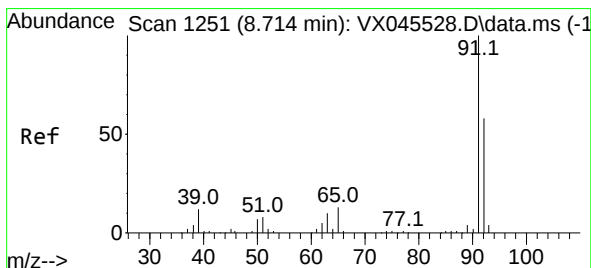
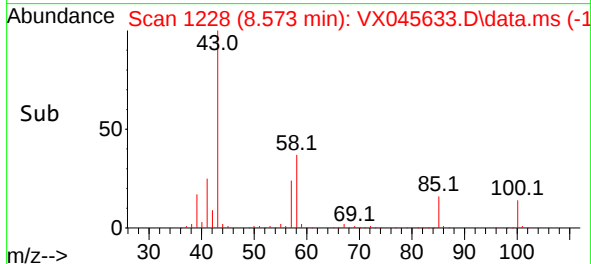
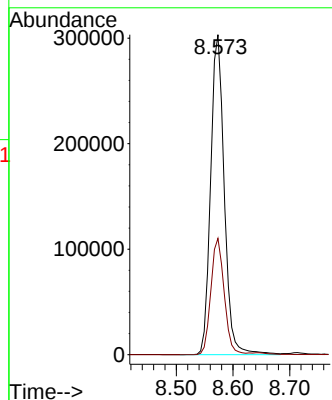
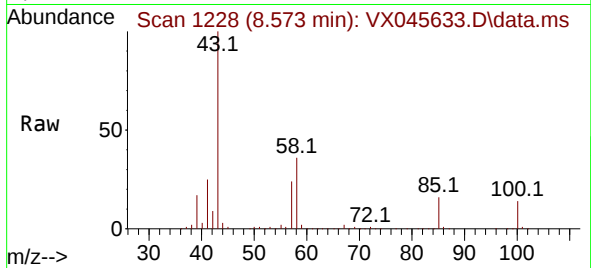
#51
4-Methyl-2-Pentanone
Concen: 268.813 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 50679
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7

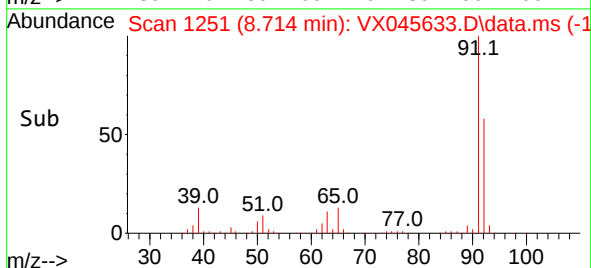
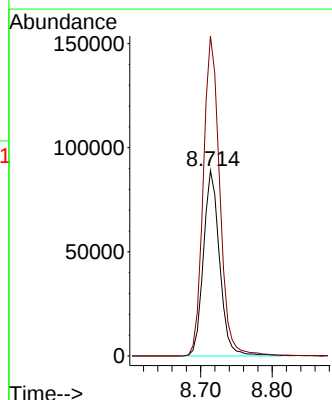
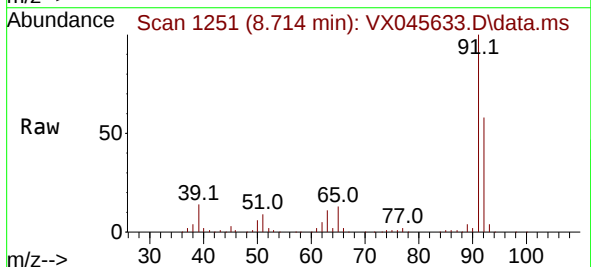
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#52
Toluene
Concen: 50.892 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 92 Resp: 140038
Ion Ratio Lower Upper
92 100
91 176.3 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 48.265 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 80594

Ion Ratio Lower Upper

75 100

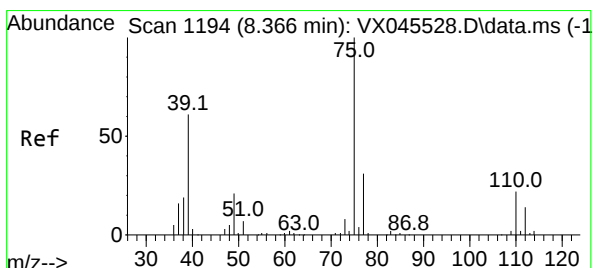
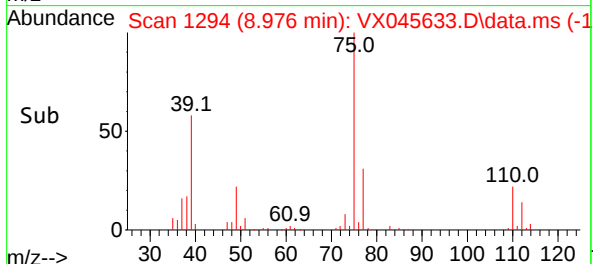
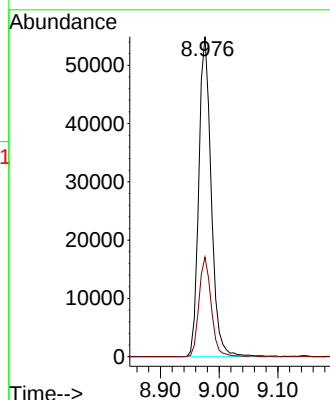
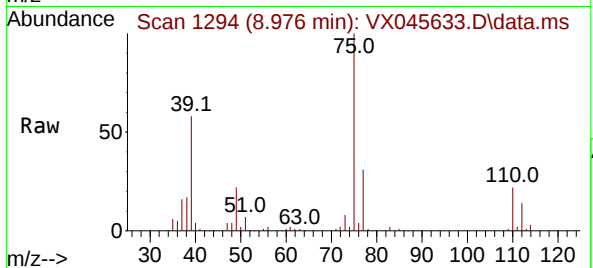
77 31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#54

cis-1,3-Dichloropropene

Concen: 54.746 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

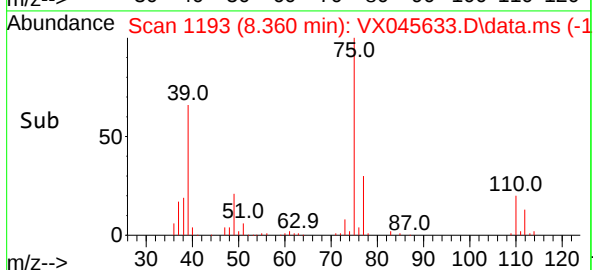
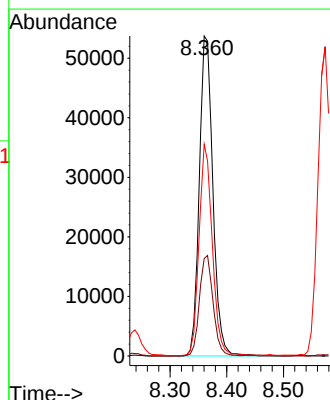
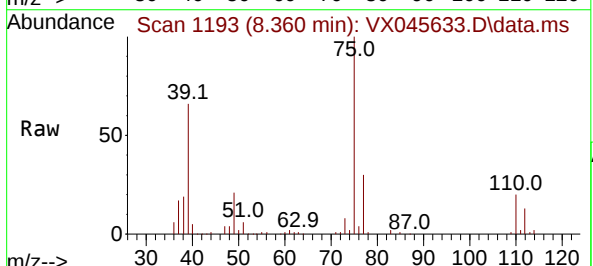
Tgt Ion: 75 Resp: 89487

Ion Ratio Lower Upper

75 100

77 30.5 24.6 36.8

39 66.2 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 52.852 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

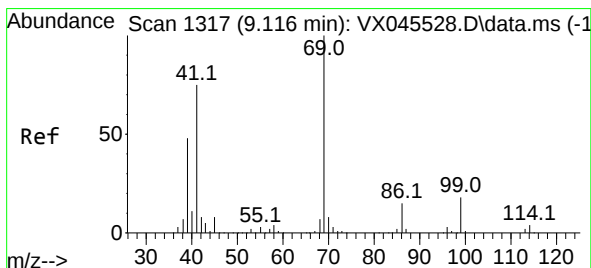
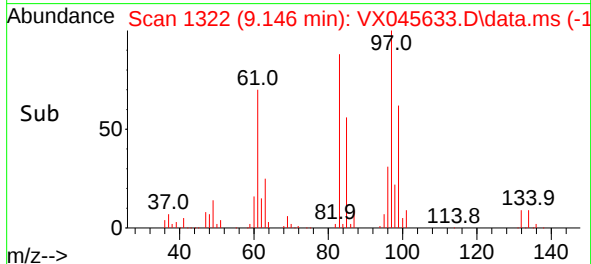
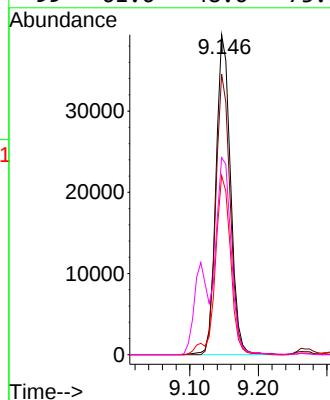
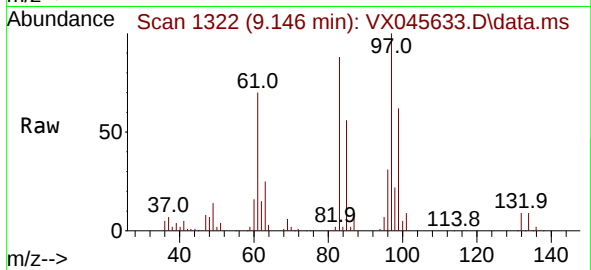
Tgt Ion: 97 Resp: 5795
Ion Ratio Lower Upper
97 100
83 87.7 71.8 107.8
85 55.9 47.0 70.6
99 61.6 48.6 73.0

Manual Integrations

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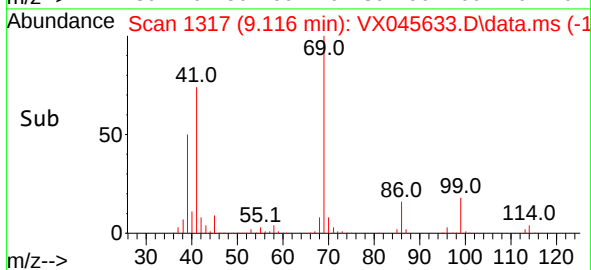
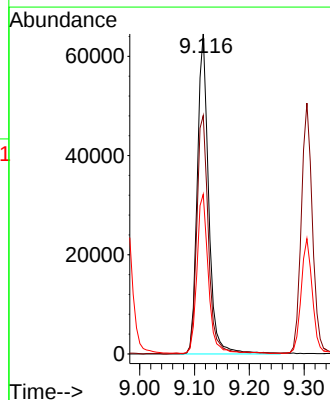
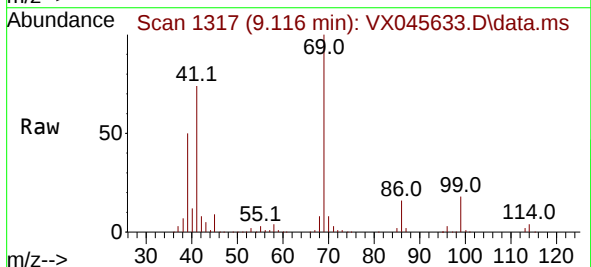
Reviewed By :John Carlone 04/08/2025

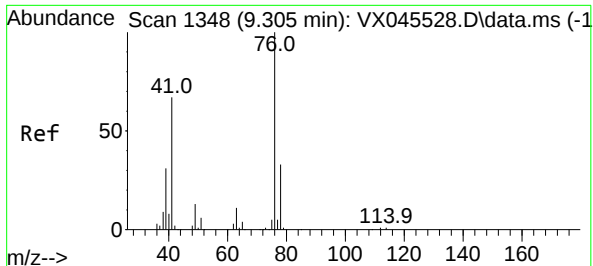
Supervised By :Mahesh Dadoda 04/08/2025



#56
Ethyl methacrylate
Concen: 55.066 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 69 Resp: 93446
Ion Ratio Lower Upper
69 100
41 75.5 61.3 91.9
39 49.4 40.2 60.2





#57

1,3-Dichloropropane

Concen: 52.604 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10044

Ion Ratio Lower Upper

76 100

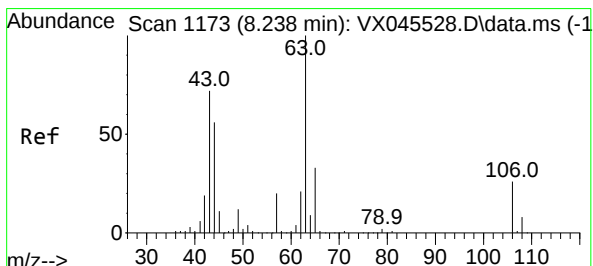
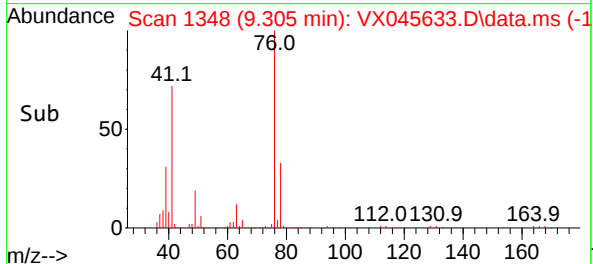
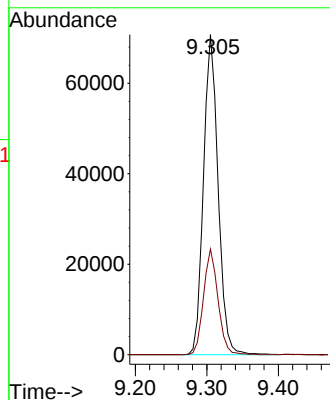
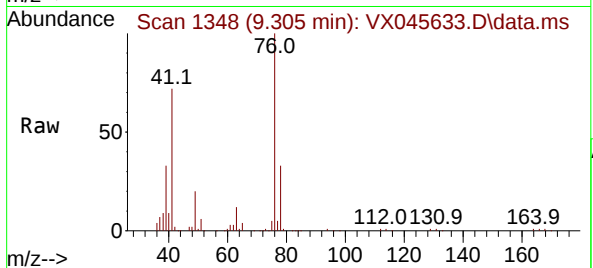
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#58

2-Chloroethyl Vinyl ether

Concen: 275.152 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045633.D

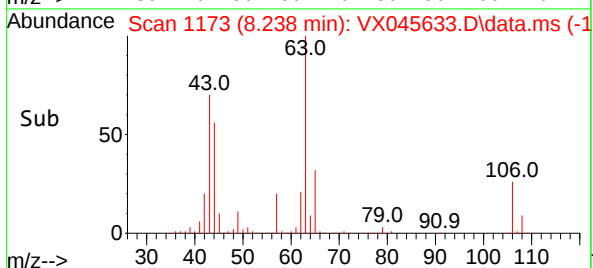
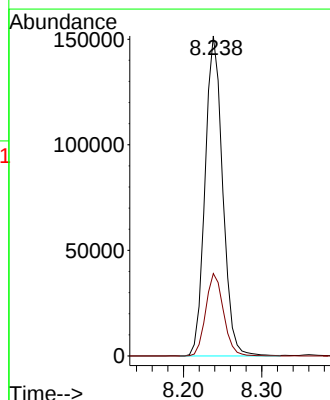
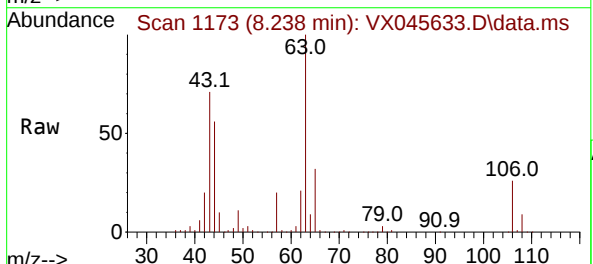
Acq: 07 Apr 2025 16:55

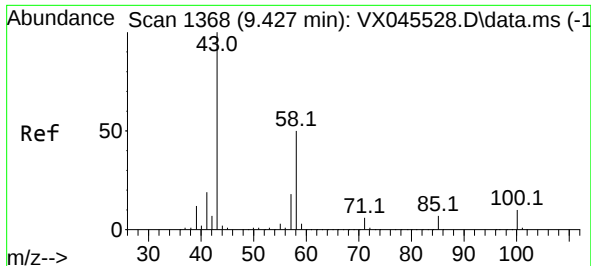
Tgt Ion: 63 Resp: 236204

Ion Ratio Lower Upper

63 100

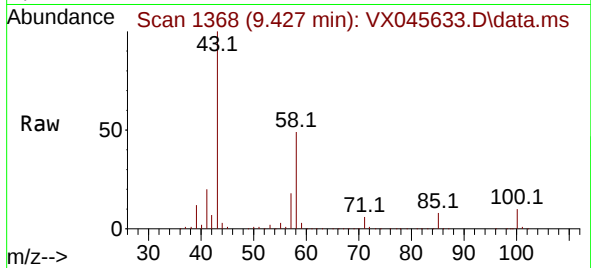
106 26.0 21.0 31.6





#59
2-Hexanone
Concen: 264.352 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

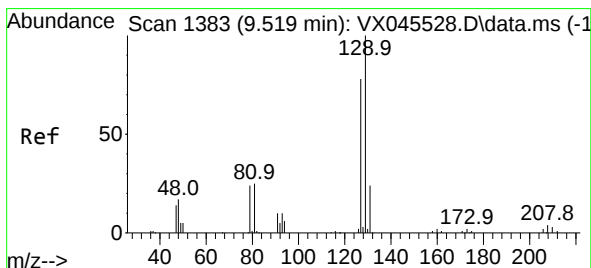
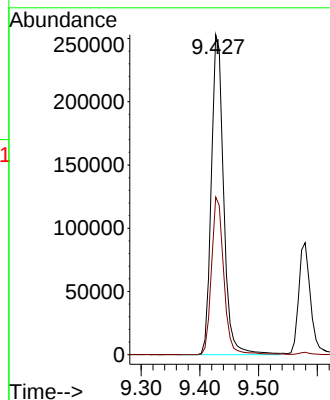
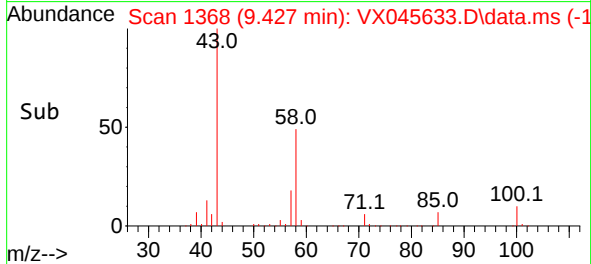
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 36906
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

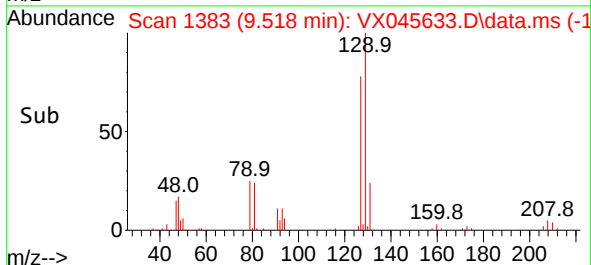
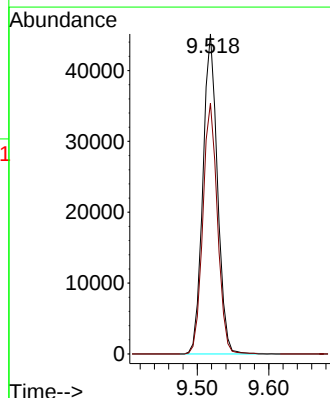
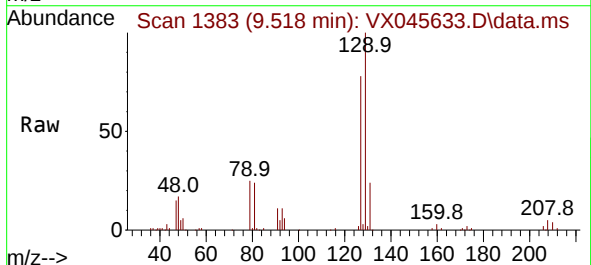
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#60
Dibromochloromethane
Concen: 53.448 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion:129 Resp: 63892
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.2





#61

1,2-Dibromoethane

Concen: 53.153 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

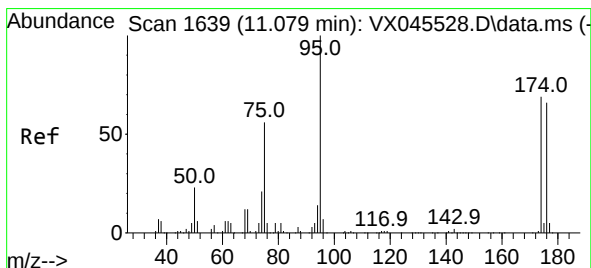
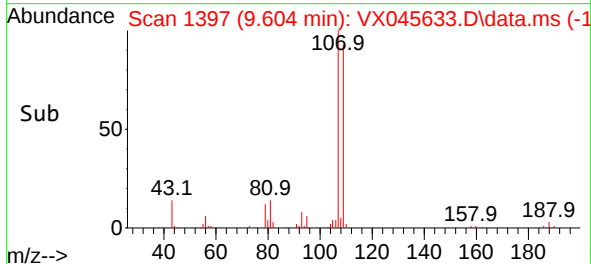
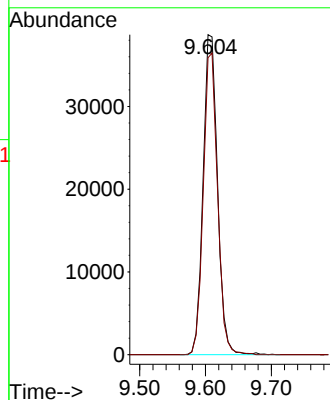
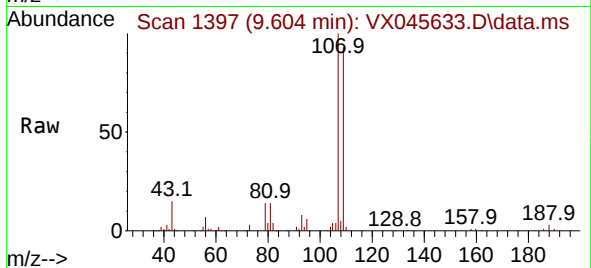
Tgt Ion:107 Resp: 5899
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.7 113.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#62

4-Bromofluorobenzene

Concen: 52.264 ug/l

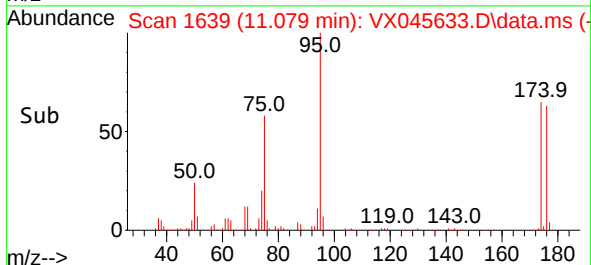
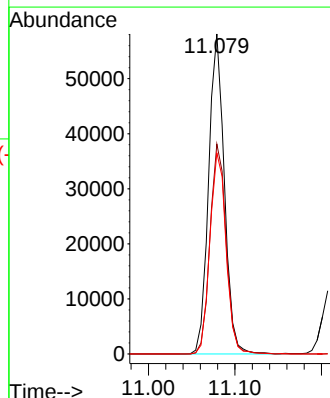
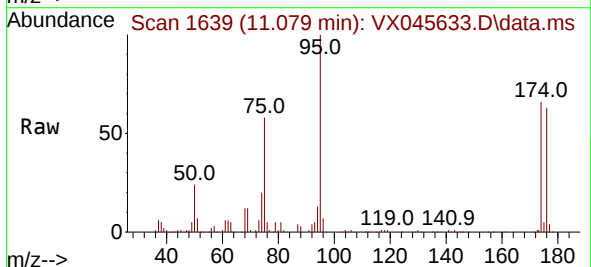
RT: 11.079 min Scan# 1639

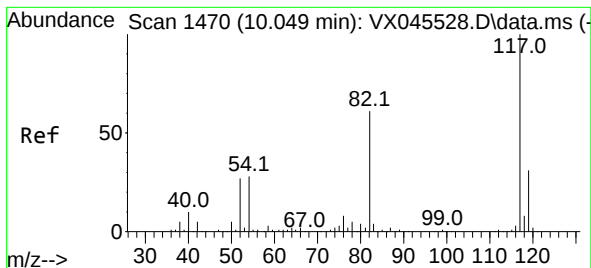
Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

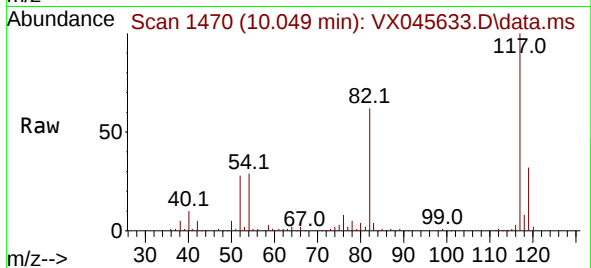
Tgt Ion: 95 Resp: 73277
 Ion Ratio Lower Upper
 95 100
 174 67.1 0.0 135.8
 176 64.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

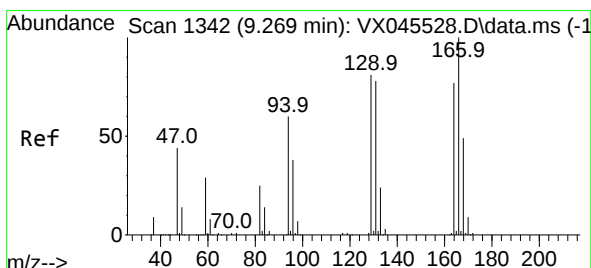
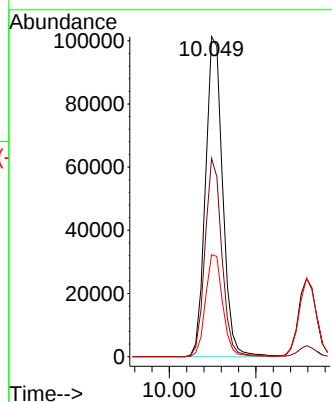
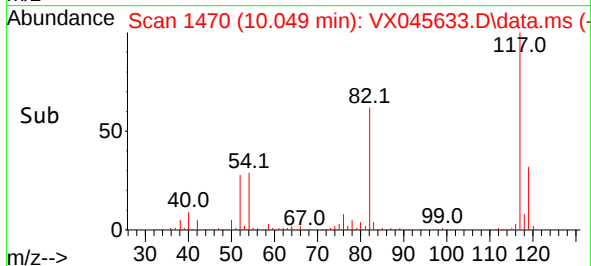
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 139769
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 31.9 25.1 37.7

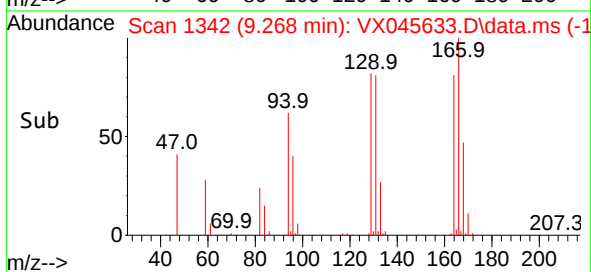
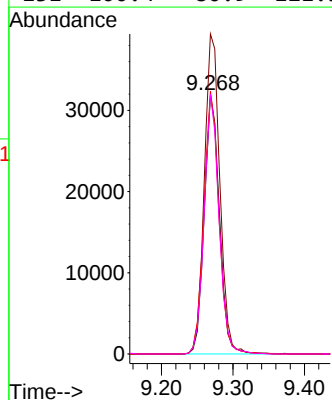
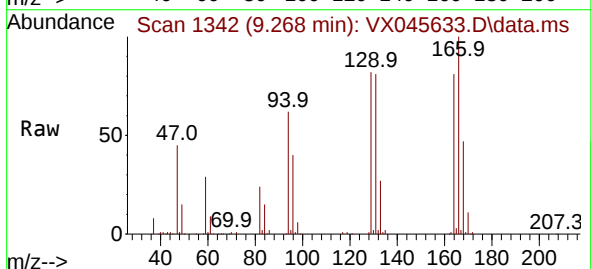
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#64
Tetrachloroethene
Concen: 47.572 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion:164 Resp: 46945
Ion Ratio Lower Upper
164 100
166 123.7 103.8 155.8
129 101.5 84.3 126.5
131 100.4 80.9 121.3





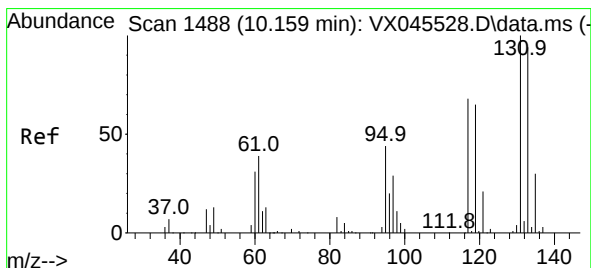
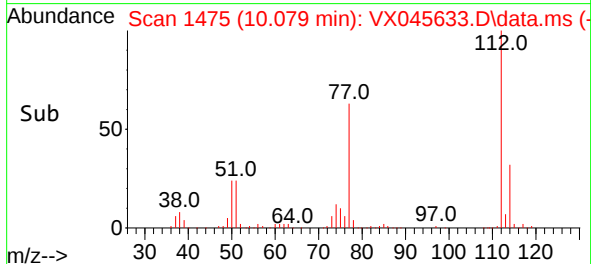
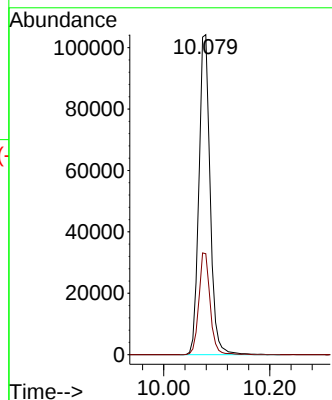
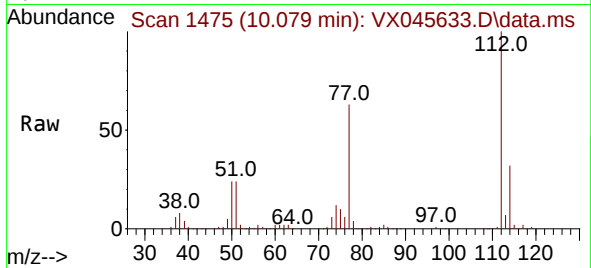
#65
Chlorobenzene
Concen: 51.401 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 15351
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1

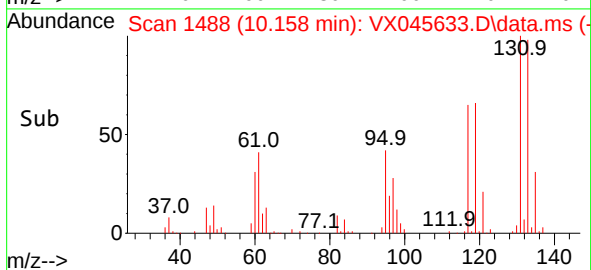
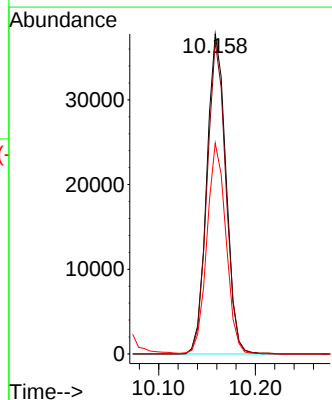
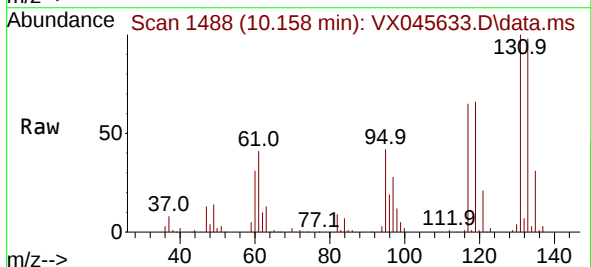
Manual Integrations
APPROVED

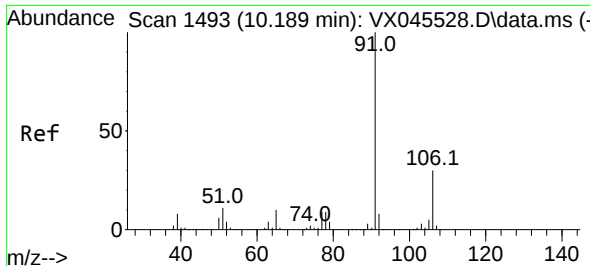
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.199 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

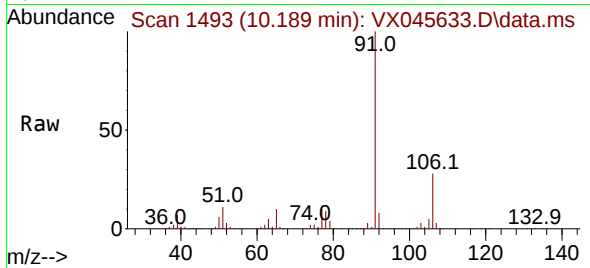
Tgt Ion:131 Resp: 52052
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 65.4 32.9 98.6





#67
Ethyl Benzene
Concen: 52.765 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

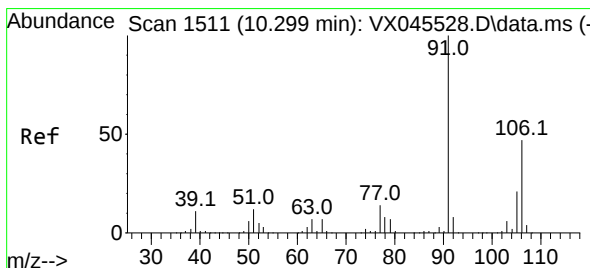
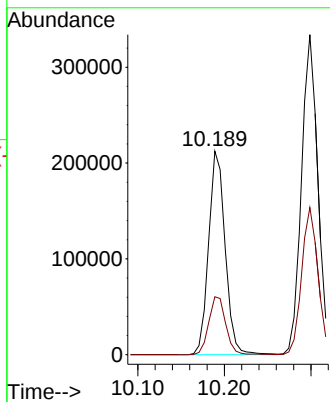
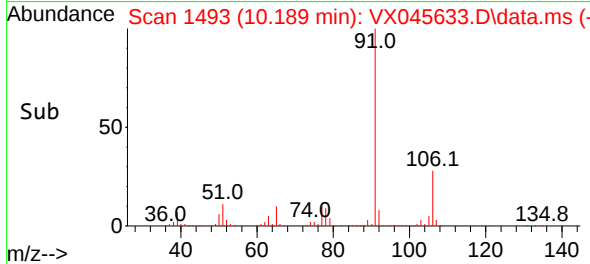
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



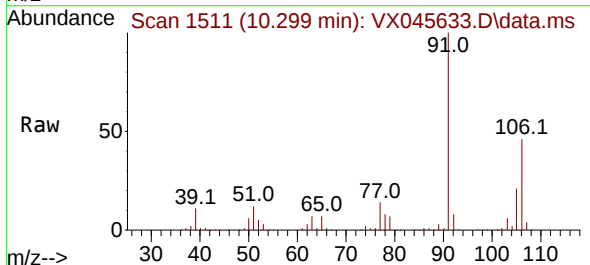
Tgt Ion: 91 Resp: 28224
Ion Ratio Lower Upper
91 100
106 28.5 23.7 35.5

Manual Integrations
APPROVED

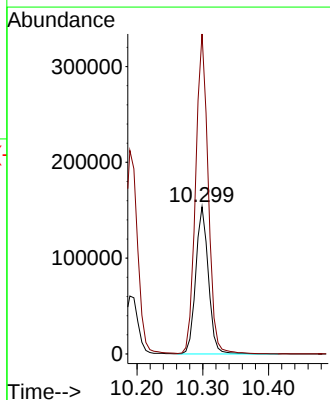
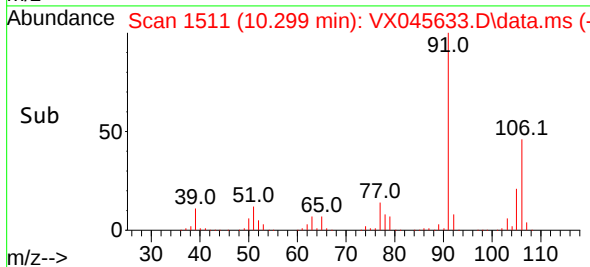
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

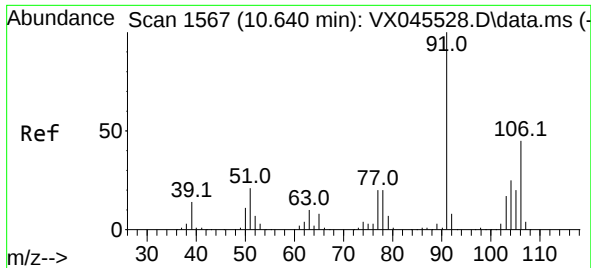


#68
m/p-Xylenes
Concen: 105.161 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55



Tgt Ion:106 Resp: 204591
Ion Ratio Lower Upper
106 100
91 216.7 172.6 258.8





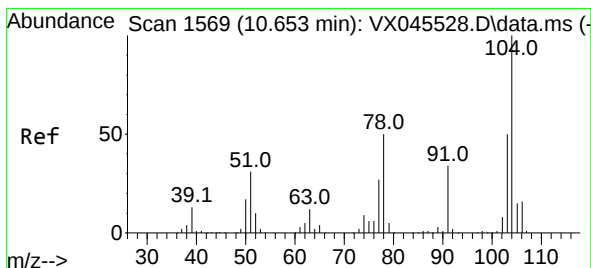
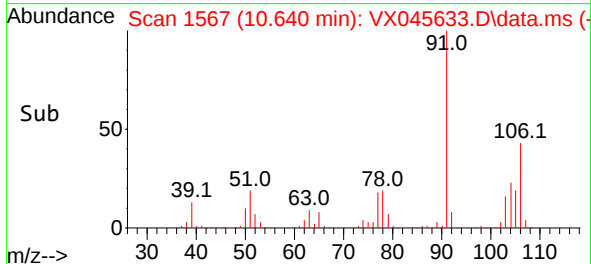
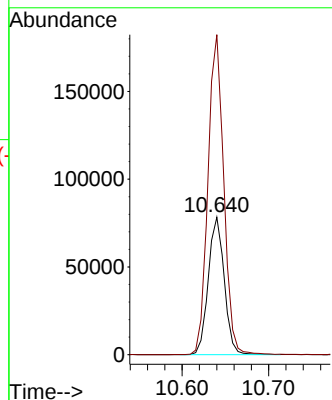
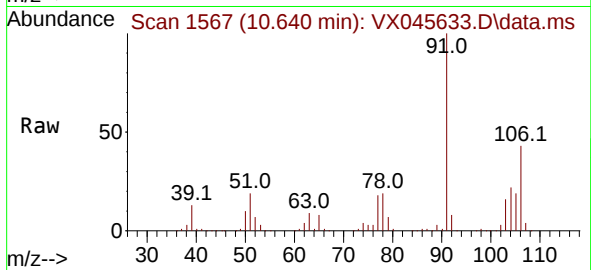
#69
o-Xylene
Concen: 52.395 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 100417
Ion Ratio Lower Upper
106 100
91 230.9 113.6 340.6

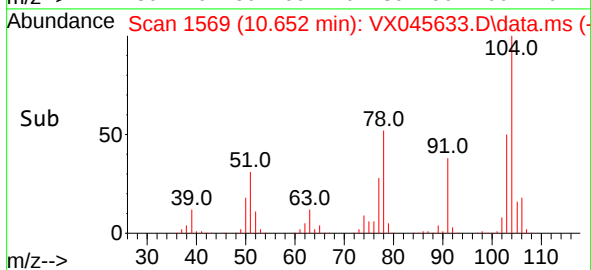
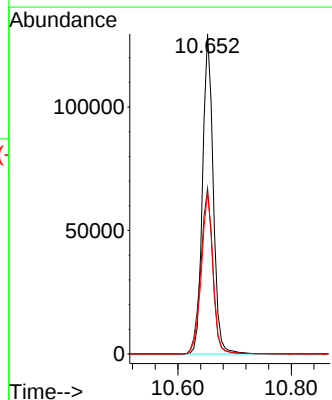
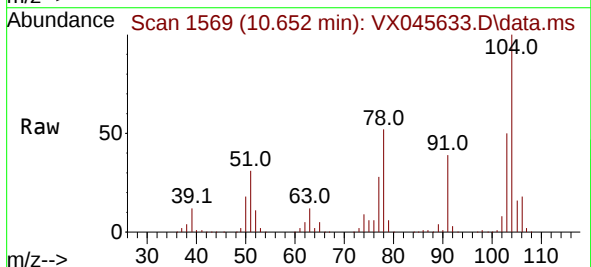
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#70
Styrene
Concen: 53.352 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion:104 Resp: 168761
Ion Ratio Lower Upper
104 100
78 58.1 45.4 68.2
103 55.5 43.8 65.8





#71

Bromoform

Concen: 50.966 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

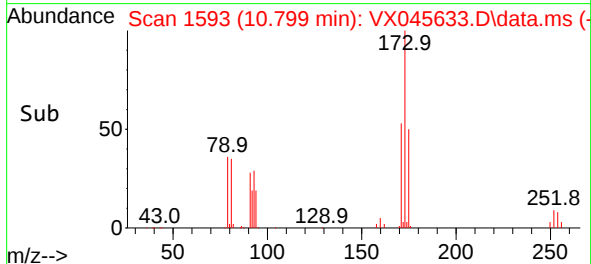
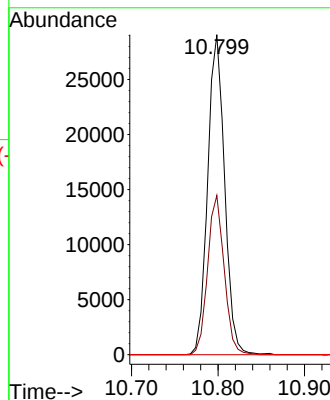
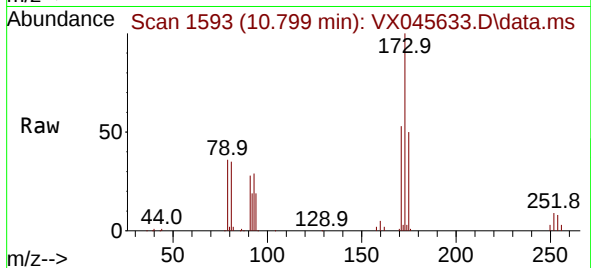
Tgt Ion:173	Resp:	3945
Ion Ratio	Lower	Upper
173	100	
175	48.7	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

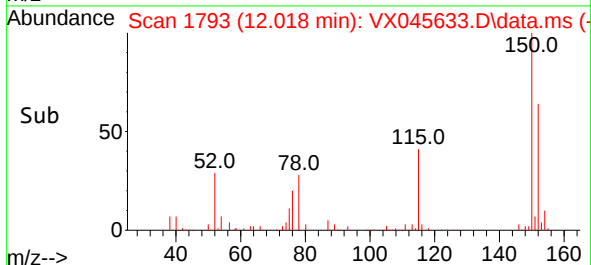
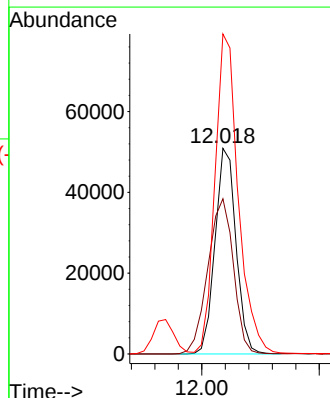
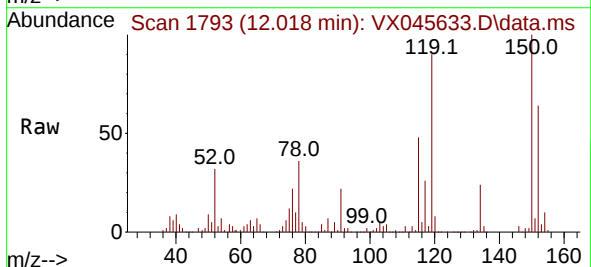
RT: 12.018 min Scan# 1793

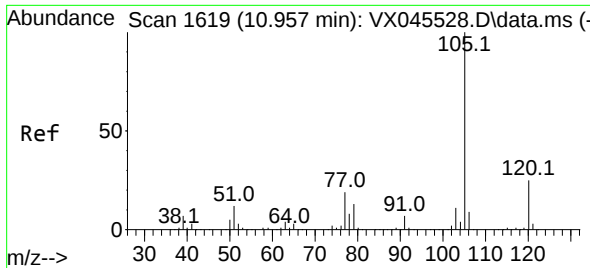
Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Tgt Ion:152	Resp:	63217
Ion Ratio	Lower	Upper
152	100	
115	91.9	46.9 140.7
150	172.5	0.0 349.4





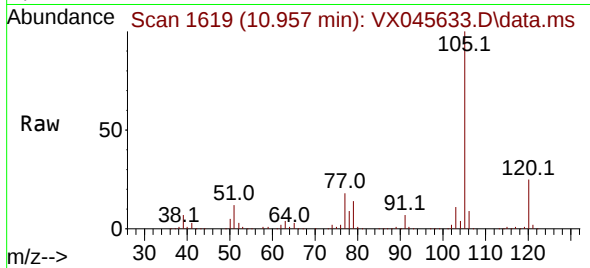
#73
Isopropylbenzene
Concen: 52.796 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



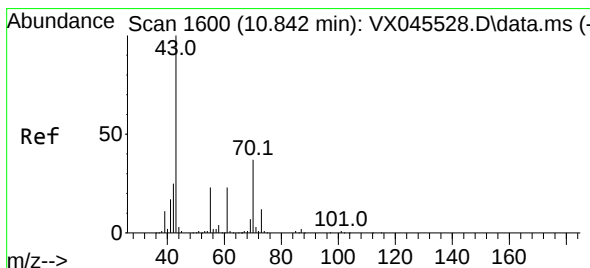
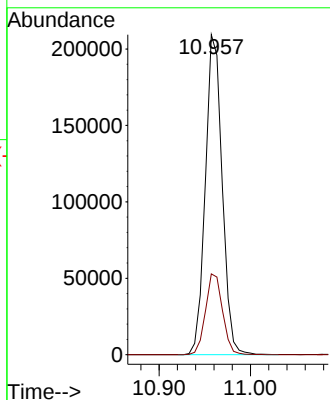
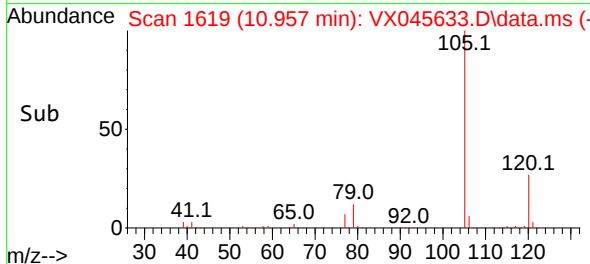
Tgt Ion:105 Resp: 267340
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.0

Manual Integrations

APPROVED

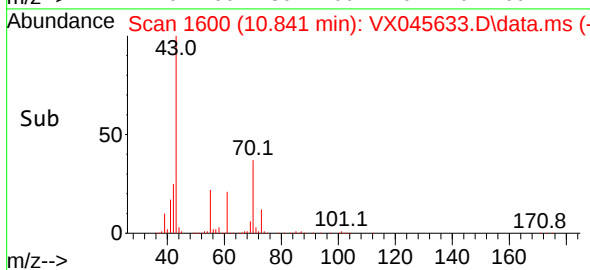
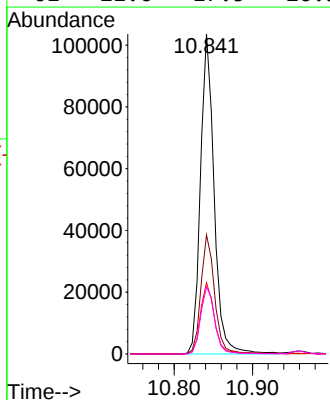
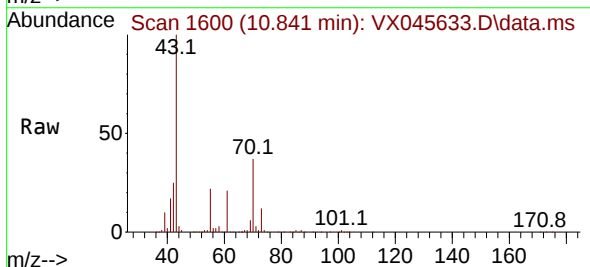
Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#74
N-ethyl acetate
Concen: 51.864 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 43 Resp: 125628
Ion Ratio Lower Upper
43 100
70 37.4 30.1 45.1
55 23.0 18.3 27.5
61 21.6 17.5 26.3





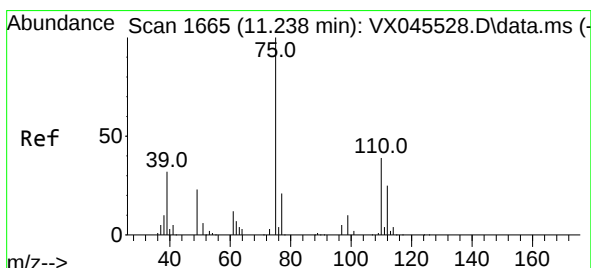
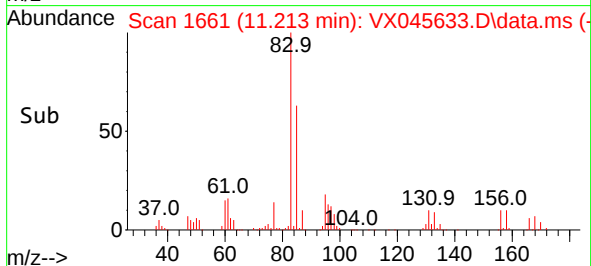
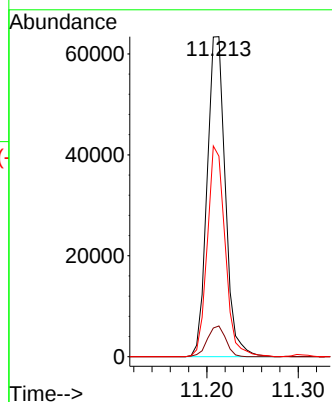
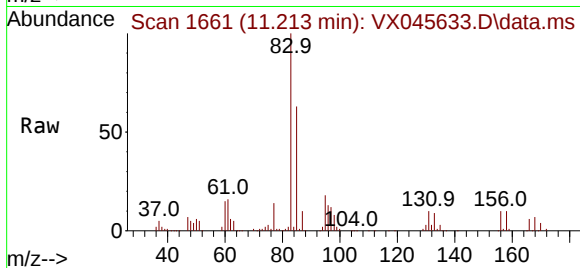
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.196 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 87512
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.1
 85 64.6 32.4 97.2

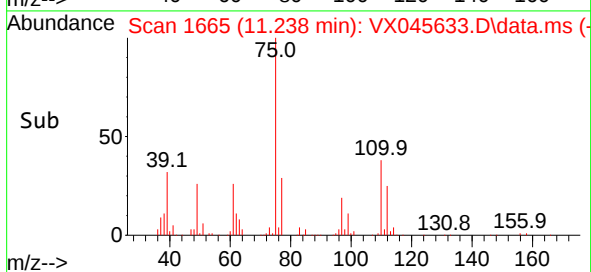
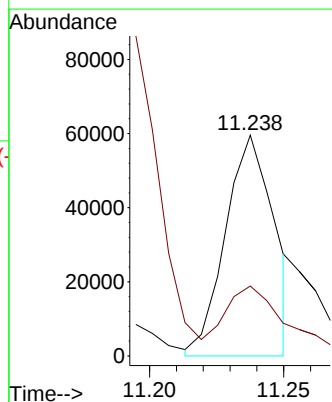
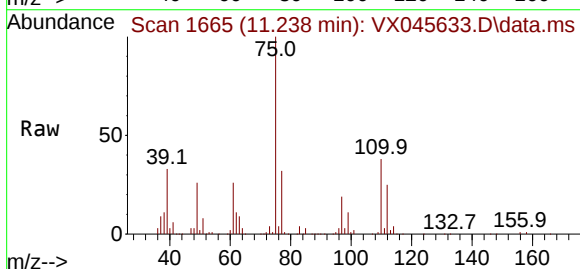
Manual Integrations
 APPROVED

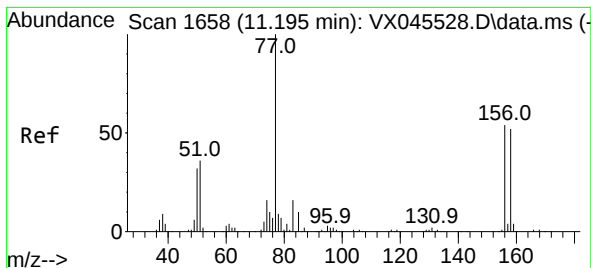
Reviewed By :John Carlone 04/08/2025
 Supervised By :Mahesh Dadoda 04/08/2025



#76
 1,2,3-Trichloropropane
 Concen: 48.757 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55

Tgt Ion: 75 Resp: 75184
 Ion Ratio Lower Upper
 75 100
 77 40.6 20.0 59.9





#77

Bromobenzene

Concen: 50.119 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

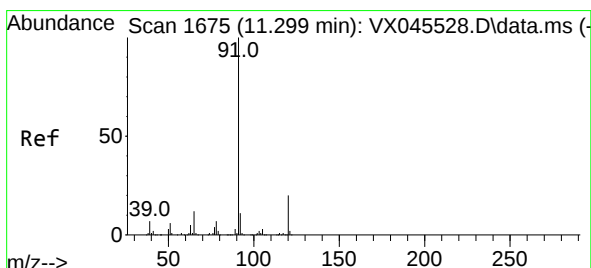
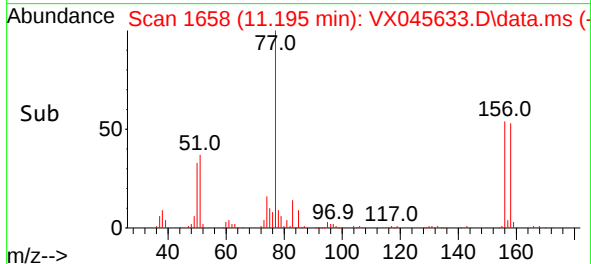
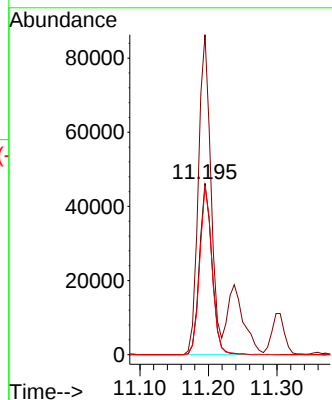
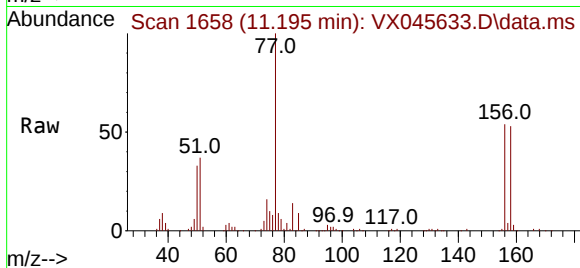
Tgt Ion:	156	Resp:	58639
Ion Ratio	Lower	Upper	
156	100		
77	187.3	92.6	277.8
158	97.2	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#78

n-propylbenzene

Concen: 53.959 ug/l

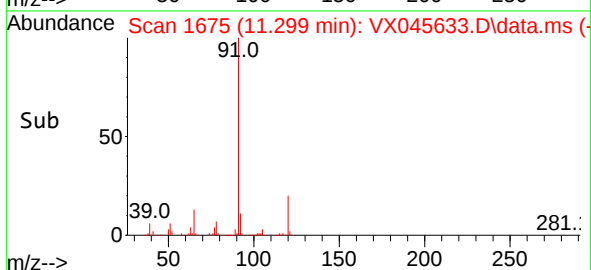
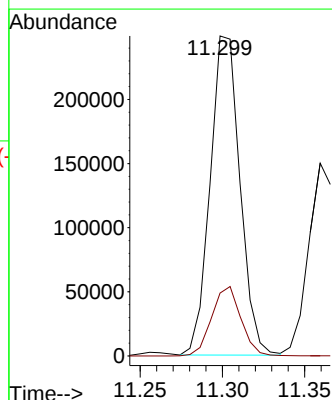
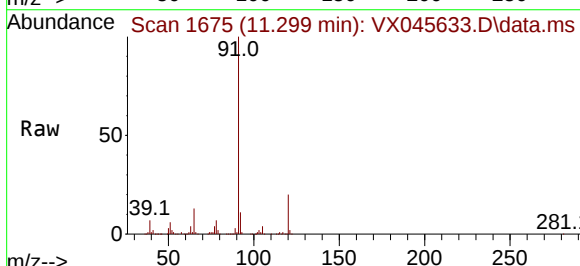
RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Tgt Ion:	91	Resp:	314719
Ion Ratio	Lower	Upper	
91	100		
120	21.3	10.8	32.3





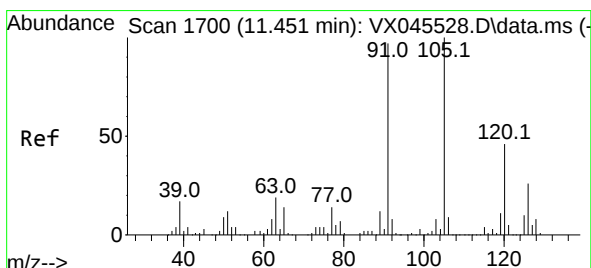
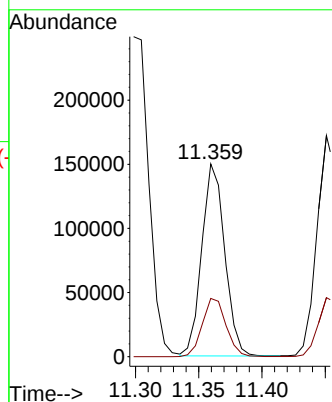
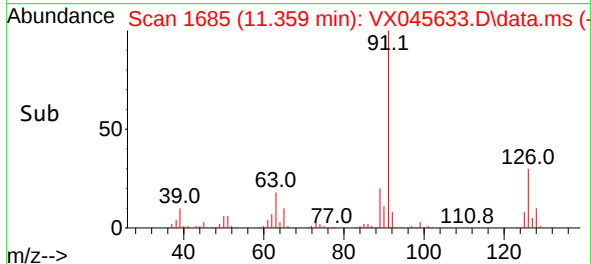
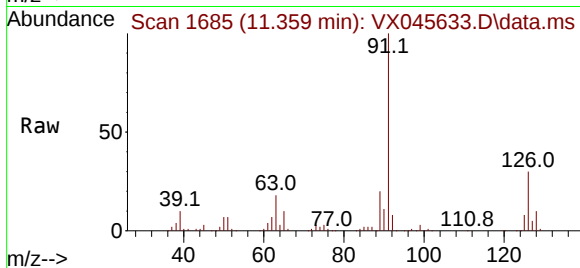
#79
2-Chlorotoluene
Concen: 50.834 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 189549
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.4

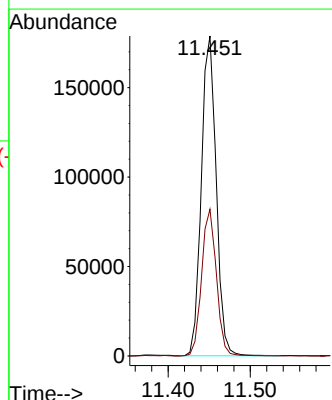
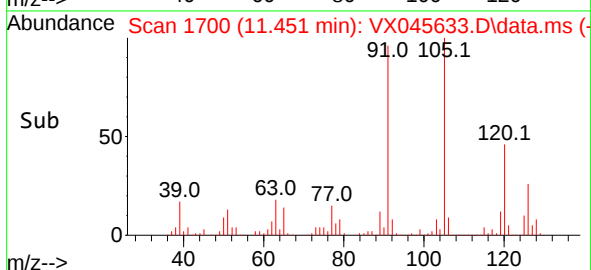
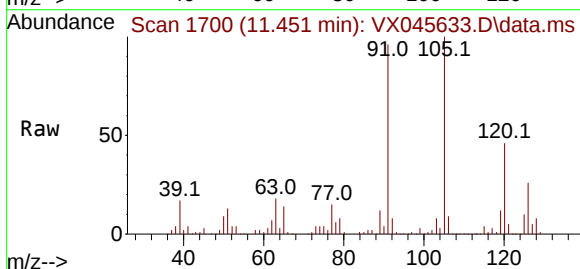
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.561 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion:105 Resp: 224277
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0





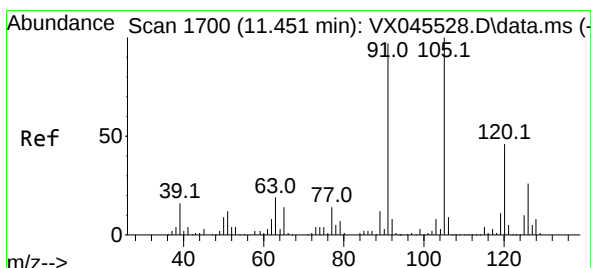
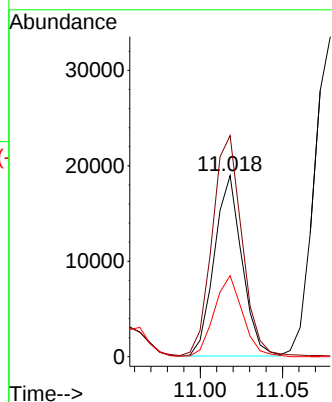
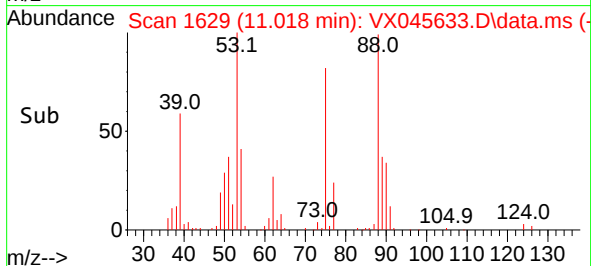
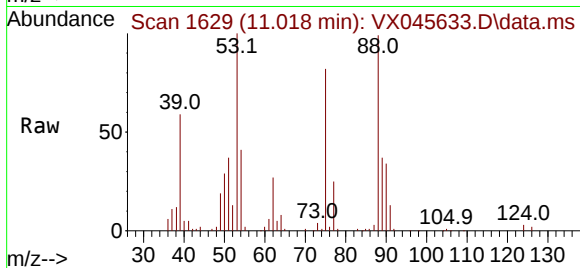
#81
trans-1,4-Dichloro-2-butene
Concen: 48.881 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 22209
Ion Ratio Lower Upper
75 100
53 133.0 101.8 152.6
89 46.1 37.2 55.8

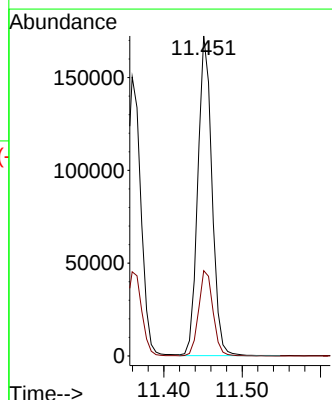
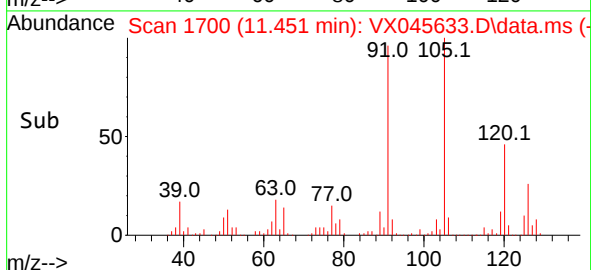
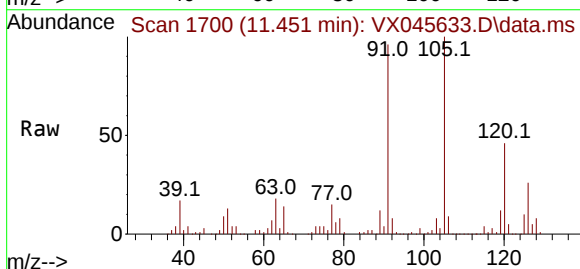
Manual Integrations
APPROVED

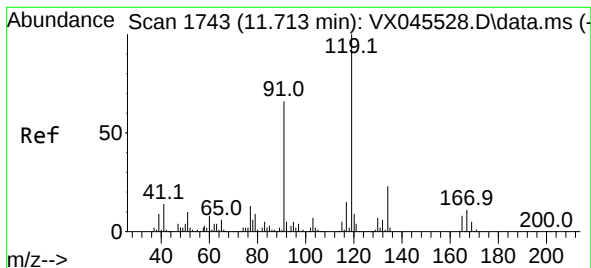
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#82
4-Chlorotoluene
Concen: 51.960 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

Tgt Ion: 91 Resp: 216018
Ion Ratio Lower Upper
91 100
126 27.1 13.3 39.9





#83

tert-Butylbenzene

Concen: 52.578 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 217964

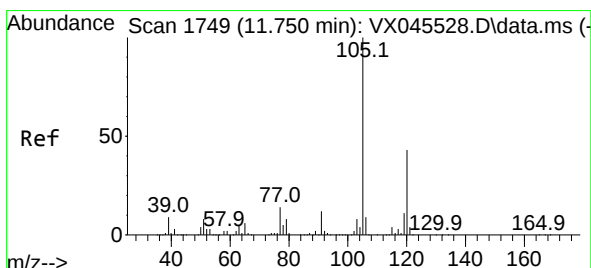
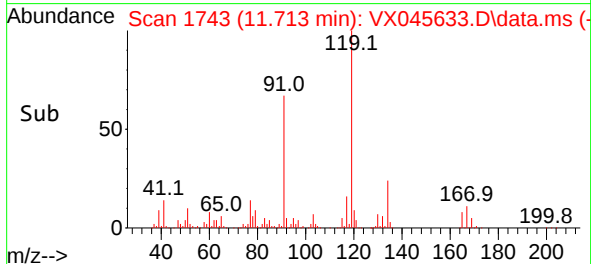
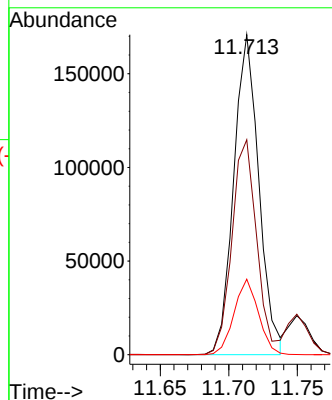
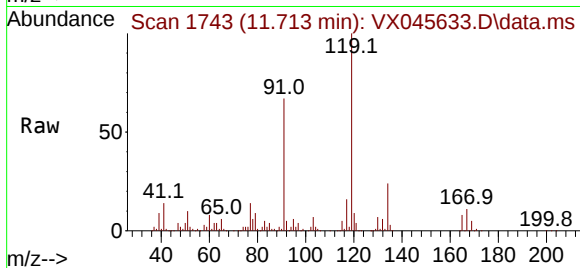
Ion	Ratio	Lower	Upper
119	100		
91	66.8	32.4	97.2
134	22.9	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 53.107 ug/l

RT: 11.750 min Scan# 1749

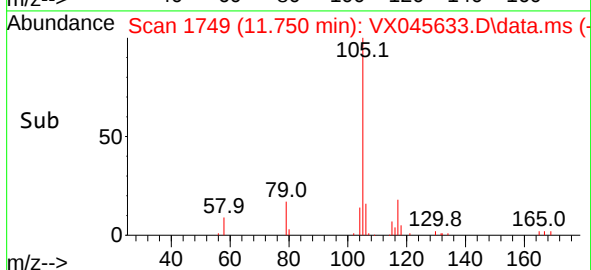
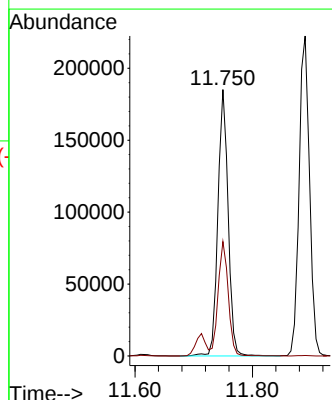
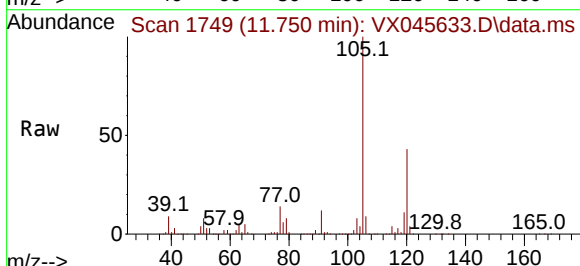
Delta R.T. -0.000 min

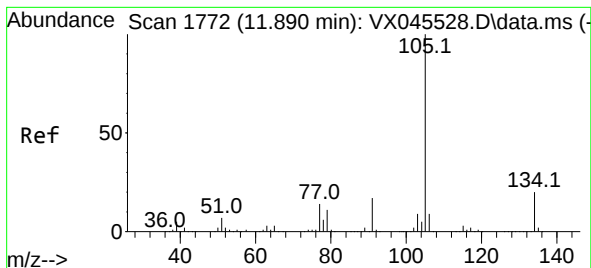
Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Tgt Ion:105 Resp: 223195

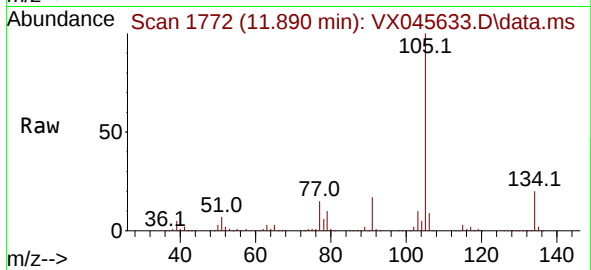
Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 53.856 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55

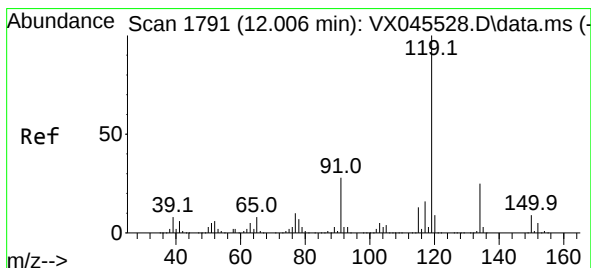
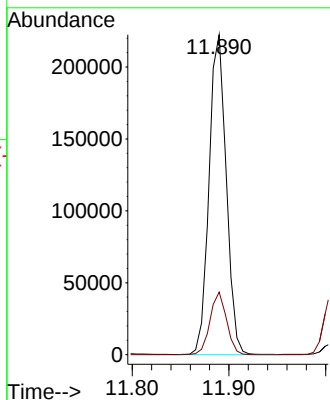
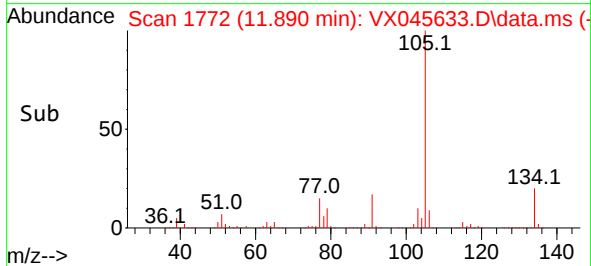
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



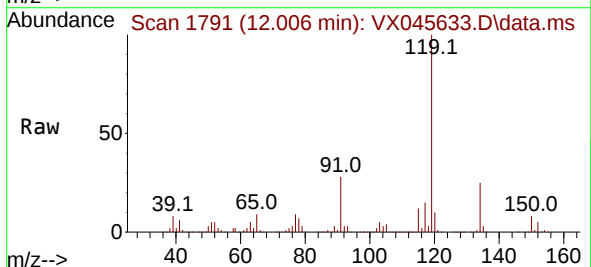
Tgt Ion:105 Resp: 27422
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

Manual Integrations
 APPROVED

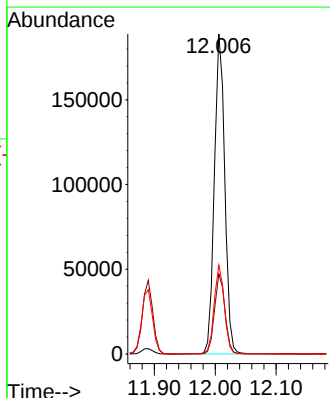
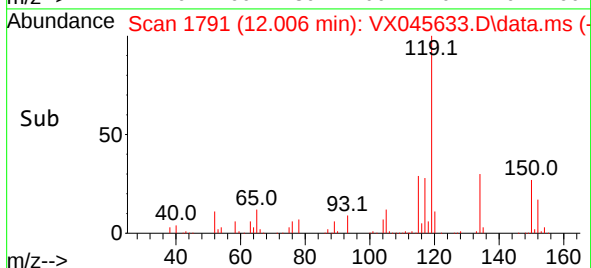
Reviewed By :John Carlone 04/08/2025
 Supervised By :Mahesh Dadoda 04/08/2025



#86
 p-Isopropyltoluene
 Concen: 53.349 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55



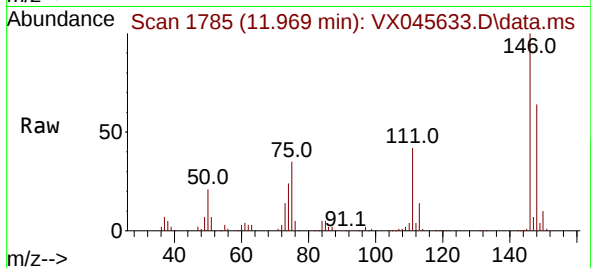
Tgt Ion:119 Resp: 223946
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.0 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 49.618 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

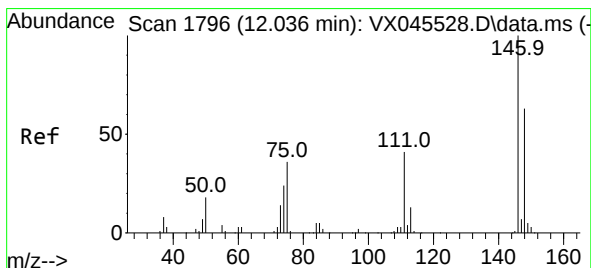
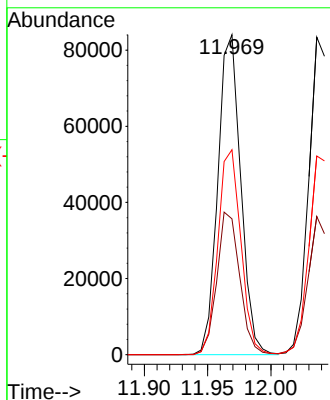
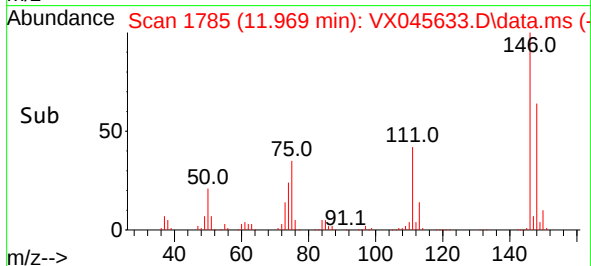
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



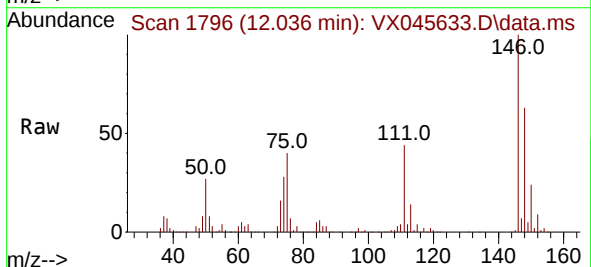
Tgt Ion:146 Resp: 105674
Ion Ratio Lower Upper
146 100
111 44.6 22.2 66.6
148 64.3 31.9 95.7

Manual Integrations
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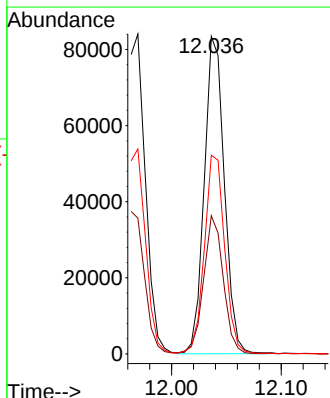
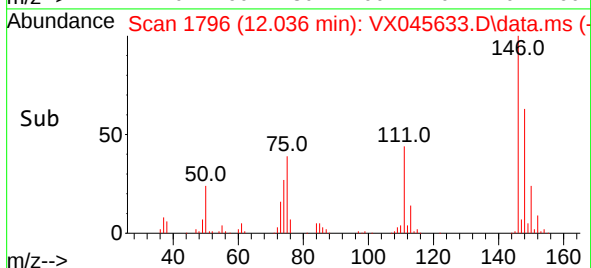
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#88
1,4-Dichlorobenzene
Concen: 49.136 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55



Tgt Ion:146 Resp: 106090
Ion Ratio Lower Upper
146 100
111 42.7 20.9 62.8
148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 53.664 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 195344

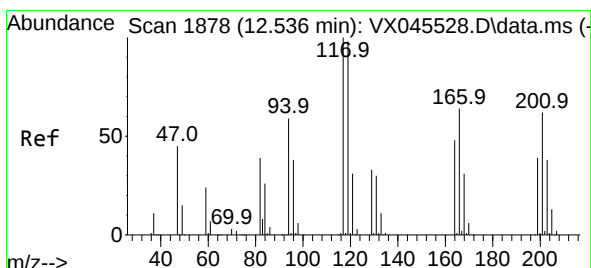
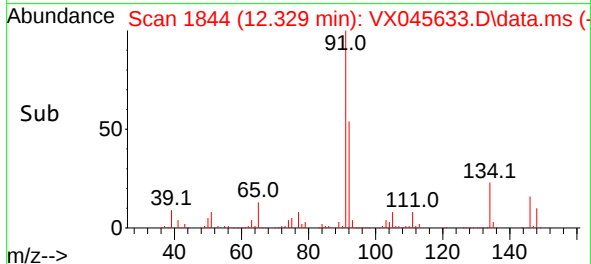
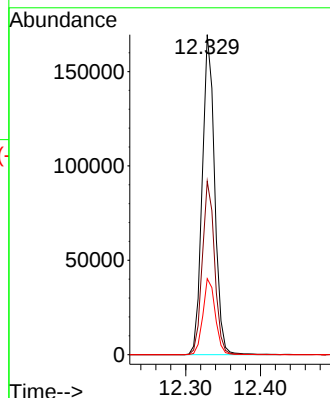
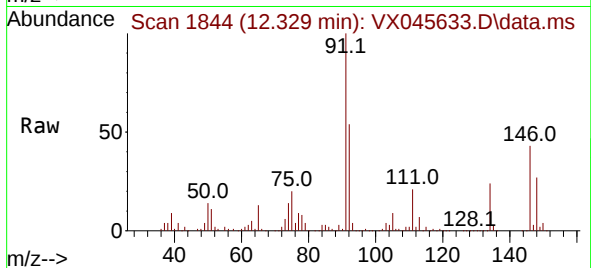
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.6
134	23.8	11.9	35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#90

Hexachloroethane

Concen: 53.436 ug/l

RT: 12.536 min Scan# 1878

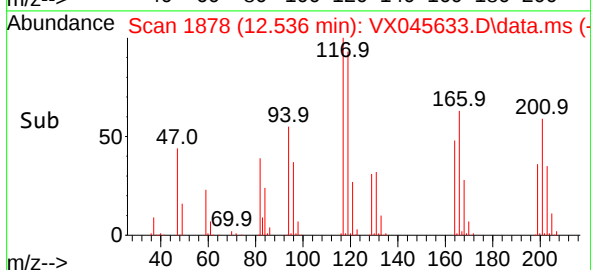
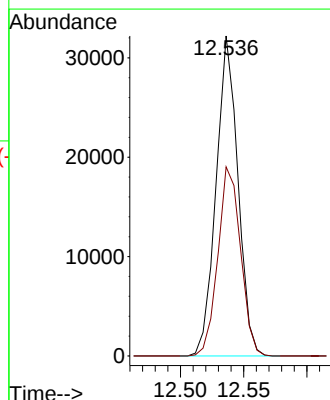
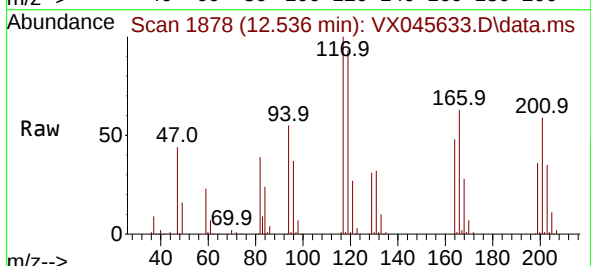
Delta R.T. -0.000 min

Lab File: VX045633.D

Acq: 07 Apr 2025 16:55

Tgt Ion:117 Resp: 38550

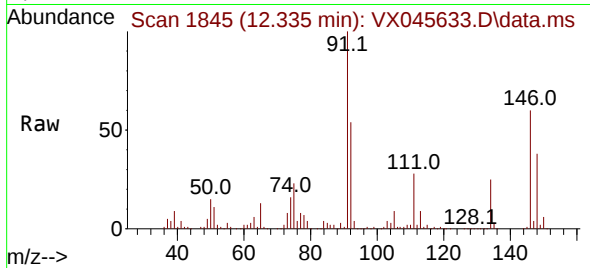
Ion	Ratio	Lower	Upper
117	100		
201	61.5	31.2	93.6





#91
 1,2-Dichlorobenzene
 Concen: 50.461 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55

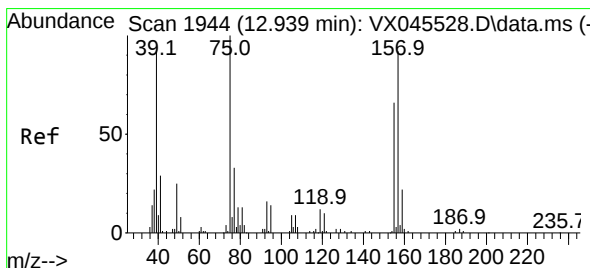
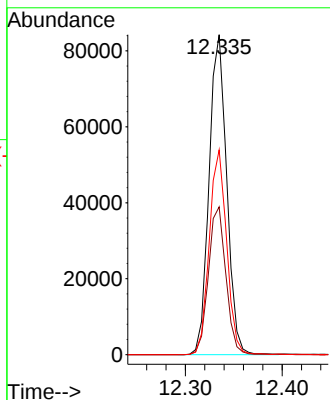
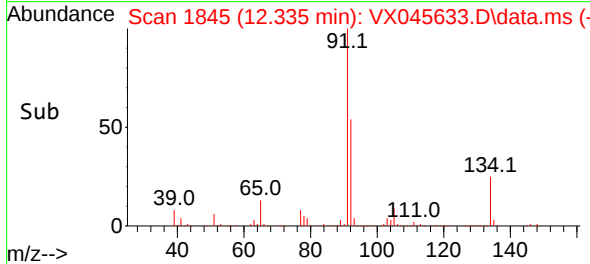
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



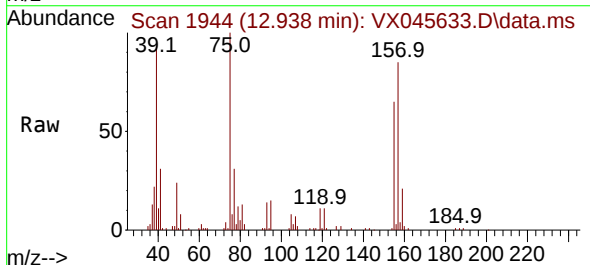
Tgt Ion:146 Resp: 106848
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.9 68.8
 148 63.1 31.9 95.5

Manual Integrations
 APPROVED

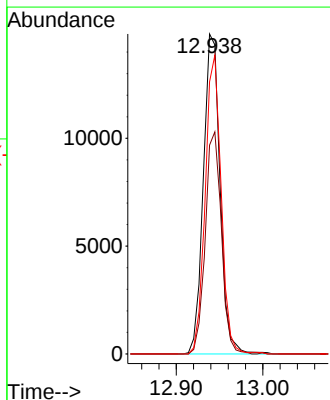
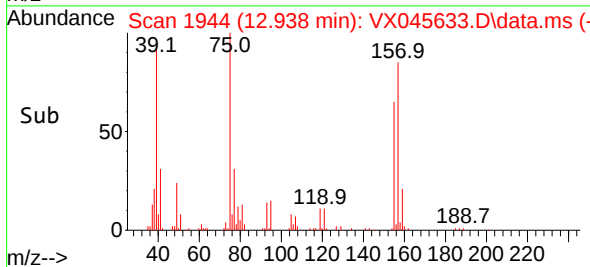
Reviewed By :John Carlone 04/08/2025
 Supervised By :Mahesh Dadoda 04/08/2025

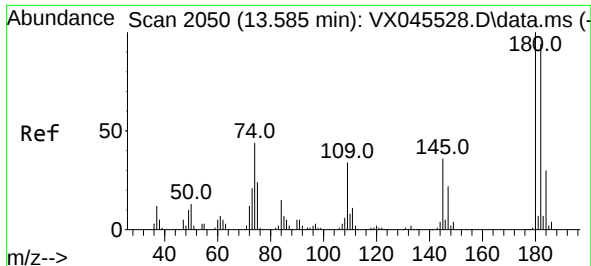


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.498 ug/l
 RT: 12.938 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55



Tgt Ion: 75 Resp: 19902
 Ion Ratio Lower Upper
 75 100
 155 66.8 34.9 104.7
 157 88.9 44.9 134.7





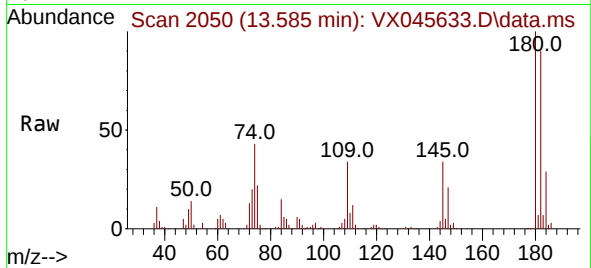
#93
 1,2,4-Trichlorobenzene
 Concen: 51.918 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



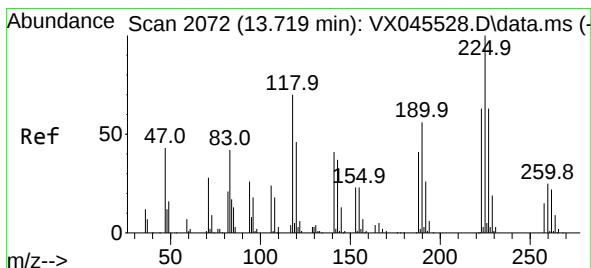
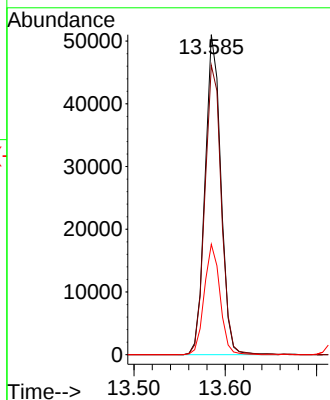
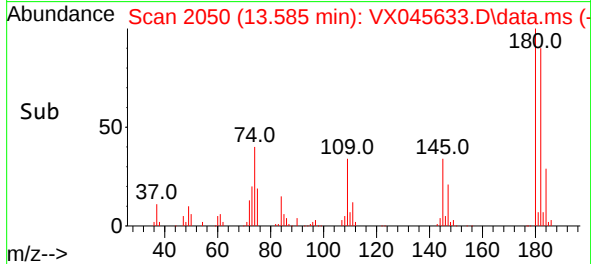
Tgt Ion:180 Resp: 61192
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.9 143.6
 145 34.3 17.9 53.8

Manual Integrations

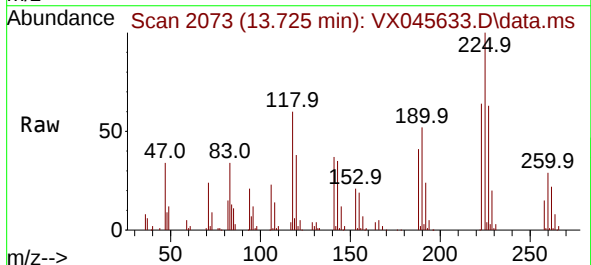
APPROVED

Reviewed By :John Carlone 04/08/2025

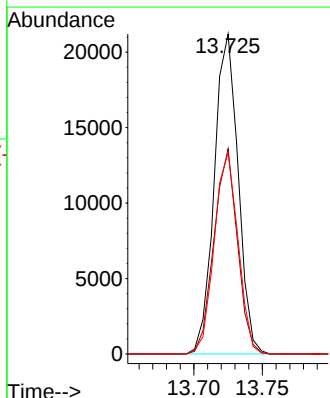
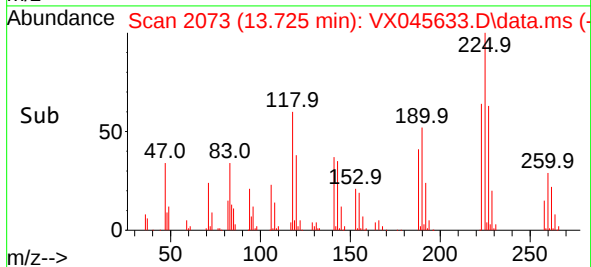
Supervised By :Mahesh Dadoda 04/08/2025

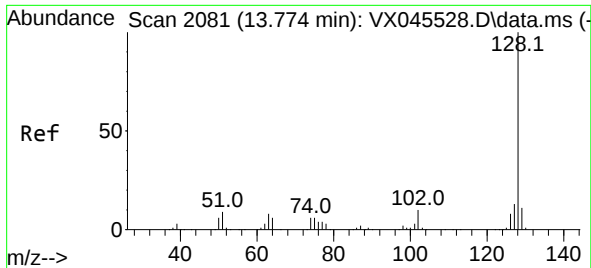


#94
 Hexachlorobutadiene
 Concen: 50.529 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.006 min
 Lab File: VX045633.D
 Acq: 07 Apr 2025 16:55



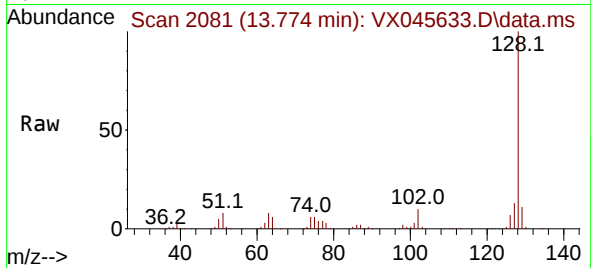
Tgt Ion:225 Resp: 25663
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.3
 227 62.6 32.2 96.6





#95
Naphthalene
Concen: 51.829 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55

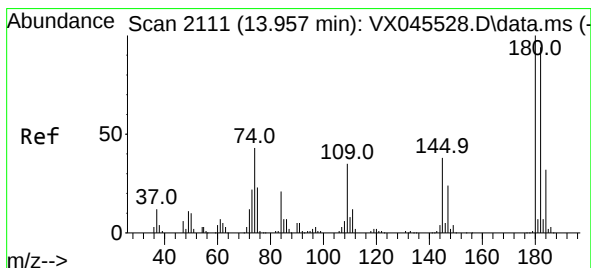
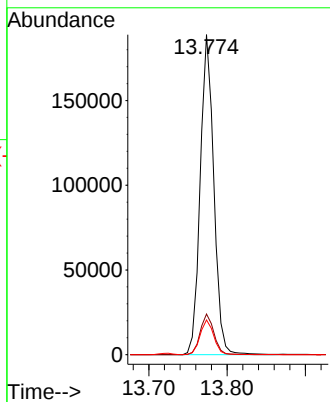
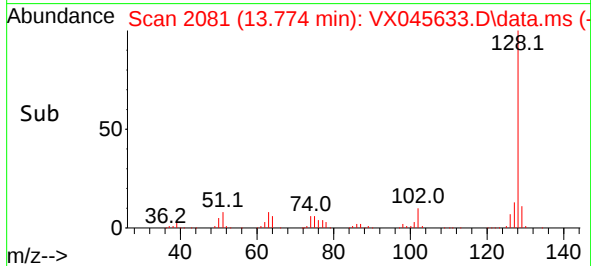
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



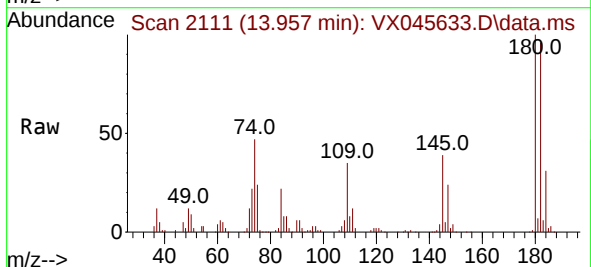
Tgt Ion:128 Resp: 227325
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.416 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045633.D
Acq: 07 Apr 2025 16:55



Tgt Ion:180 Resp: 62222
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.8
145 37.1 18.2 54.6

