

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045664.D
 Acq On : 09 Apr 2025 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2025
 Supervised By : Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:33:07 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	5.544	168	98594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	170453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93178	51.679	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	5.373	113	64676	53.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.960%			
50) Toluene-d8	8.641	98	216891	51.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.079	95	85383	55.532	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80223	54.408	ug/l	98
3) Chloromethane	1.300	50	73364	48.432	ug/l	99
4) Vinyl Chloride	1.374	62	68070	49.103	ug/l	100
5) Bromomethane	1.593	94	31282	47.592	ug/l	97
6) Chloroethane	1.666	64	38924	52.923	ug/l	99
7) Trichlorofluoromethane	1.874	101	107491	51.999	ug/l	98
8) Diethyl Ether	2.130	74	34540	49.768	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	64030	52.860	ug/l	97
10) Methyl Iodide	2.441	142	75341	49.865	ug/l	98
11) Tert butyl alcohol	2.977	59	60760	250.751	ug/l	99
12) 1,1-Dichloroethene	2.306	96	57773	48.810	ug/l	98
13) Acrolein	2.233	56	71940	215.595	ug/l	98
14) Allyl chloride	2.654	41	114031	50.776	ug/l	100
15) Acrylonitrile	3.062	53	183477	239.873	ug/l	99
16) Acetone	2.380	43	172243	232.643	ug/l	99
17) Carbon Disulfide	2.501	76	135575	46.377	ug/l	100
18) Methyl Acetate	2.703	43	91155	53.475	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	212677	51.365	ug/l	99
20) Methylene Chloride	2.782	84	67547	48.733	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	60067	49.674	ug/l	98
22) Diisopropyl ether	3.757	45	226945	51.300	ug/l	98
23) Vinyl Acetate	3.715	43	988964	258.743	ug/l	100
24) 1,1-Dichloroethane	3.605	63	123311	49.288	ug/l	100
25) 2-Butanone	4.550	43	265392	244.882	ug/l	99
26) 2,2-Dichloropropane	4.465	77	94027	58.169	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	72325	49.093	ug/l	98
28) Bromochloromethane	4.885	49	55670	46.046	ug/l	100
29) Tetrahydrofuran	4.995	42	168691	240.083	ug/l	99
30) Chloroform	5.086	83	129858	50.443	ug/l	97
31) Cyclohexane	5.458	56	107701	48.695	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	109187	50.125	ug/l	100
36) 1,1-Dichloropropene	5.684	75	82704	50.649	ug/l	99
37) Ethyl Acetate	4.708	43	100204	48.695	ug/l	99
38) Carbon Tetrachloride	5.666	117	94233	53.397	ug/l	99
39) Methylcyclohexane	7.373	83	107571	53.743	ug/l	95
40) Benzene	6.025	78	248974	49.925	ug/l	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58179	53.585	ug/l	97
42) 1,2-Dichloroethane	6.080	62	106676	51.791	ug/l	100
43) Isopropyl Acetate	6.336	43	163987	52.580	ug/l	99
44) Trichloroethene	7.116	130	59881	50.518	ug/l	91
45) 1,2-Dichloropropane	7.421	63	63615	51.125	ug/l	98
46) Dibromomethane	7.574	93	48718	51.004	ug/l	99
47) Bromodichloromethane	7.818	83	99424	52.121	ug/l	96
48) Methyl methacrylate	7.690	41	85929	53.362	ug/l	99
49) 1,4-Dioxane	7.659	88	31096	1067.317	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	537477	259.961	ug/l	100
52) Toluene	8.714	92	153268	50.790	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89889	49.048	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	99782	55.664	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	61409	51.068	ug/l	97
56) Ethyl methacrylate	9.116	69	100629	54.073	ug/l	98
57) 1,3-Dichloropropane	9.305	76	107582	51.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	304462	323.406	ug/l	100
59) 2-Hexanone	9.427	43	400757	261.752	ug/l	100
60) Dibromochloromethane	9.518	129	69798	53.243	ug/l	99
61) 1,2-Dibromoethane	9.604	107	63194	51.914	ug/l	99
64) Tetrachloroethene	9.269	164	55185	52.870	ug/l	97
65) Chlorobenzene	10.073	112	165320	52.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57001	51.972	ug/l	99
67) Ethyl Benzene	10.189	91	300677	53.143	ug/l	99
68) m/p-Xylenes	10.299	106	219352	106.594	ug/l	100
69) o-Xylene	10.640	106	105799	52.190	ug/l	97
70) Styrene	10.652	104	181071	54.118	ug/l	99
71) Bromoform	10.799	173	44695	54.578	ug/l #	97
73) Isopropylbenzene	10.957	105	284951	49.428	ug/l	99
74) N-amyl acetate	10.841	43	146100	52.979	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	96249	47.526	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	85411m	48.651	ug/l	
77) Bromobenzene	11.195	156	65498	49.171	ug/l	100
78) n-propylbenzene	11.299	91	338085	50.914	ug/l	100
79) 2-Chlorotoluene	11.360	91	206840	48.724	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	243354	51.048	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26806	51.822	ug/l	98
82) 4-Chlorotoluene	11.451	91	240935	50.904	ug/l	100
83) tert-Butylbenzene	11.713	119	237194	50.257	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	248759	51.990	ug/l	100
85) sec-Butylbenzene	11.890	105	302409	52.168	ug/l	100
86) p-Isopropyltoluene	12.006	119	253229	52.986	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	122497	50.521	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	121623	49.477	ug/l	97
89) n-Butylbenzene	12.329	91	231337	55.821	ug/l	99
90) Hexachloroethane	12.536	117	43183	52.576	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	122650	50.878	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22753	53.721	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	73080	54.462	ug/l	98
94) Hexachlorobutadiene	13.725	225	31389	54.285	ug/l	98
95) Naphthalene	13.774	128	265127	53.094	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	73391	52.232	ug/l	99

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MSVOA_X
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VSTDCCC050

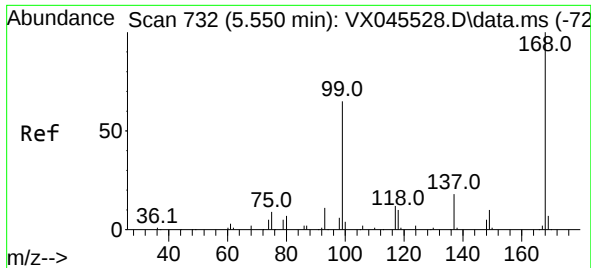
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:33:07 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

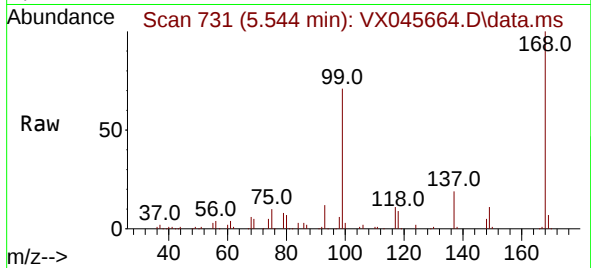
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045664.D
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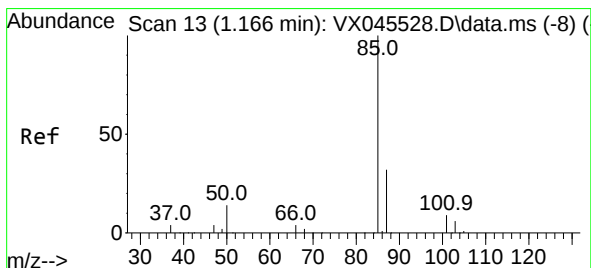
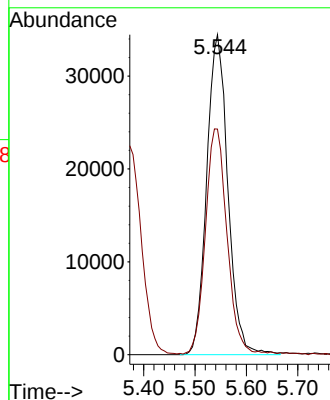
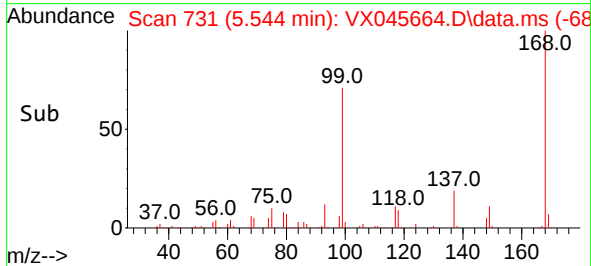
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 98594
Ion Ratio Lower Upper
168 100
99 70.1 52.3 78.5

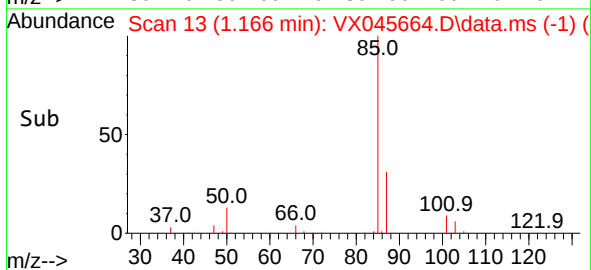
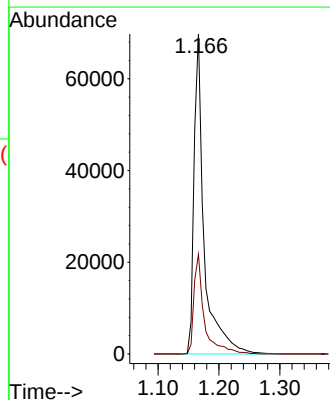
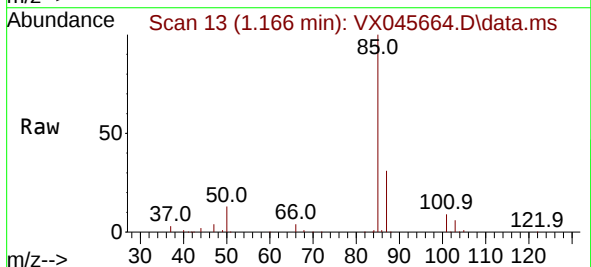
Manual Integrations
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Supervised By :Mahesh Dadoda 04/10/2025



#2
Dichlorodifluoromethane
Concen: 54.408 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 85 Resp: 80223
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2





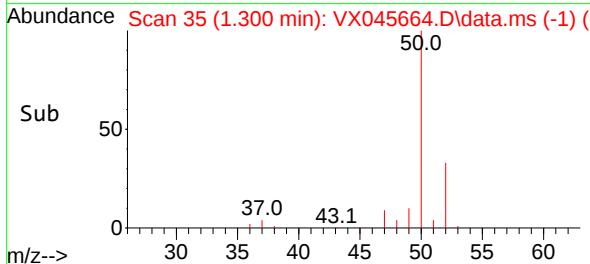
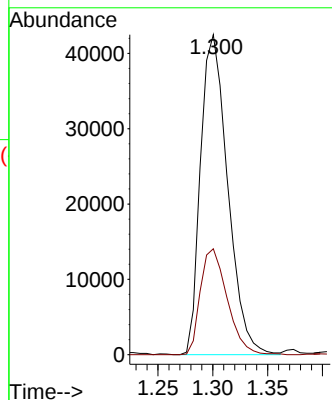
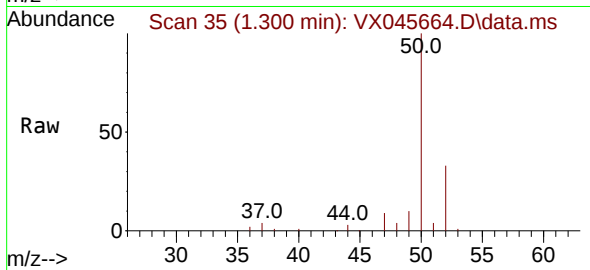
#3
Chloromethane
Concen: 48.432 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 73364
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9

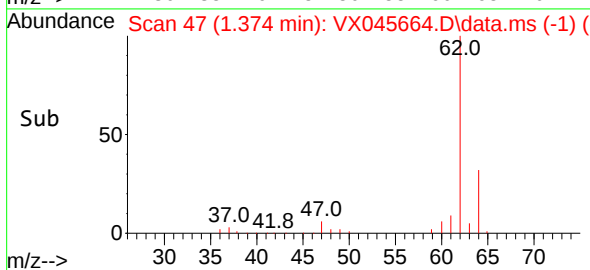
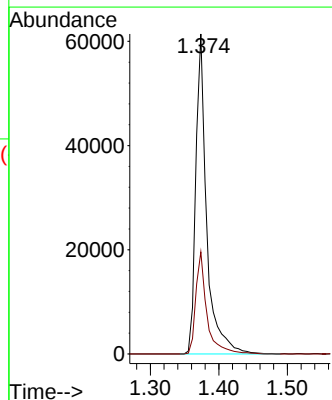
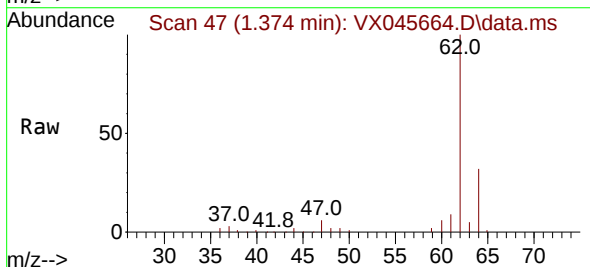
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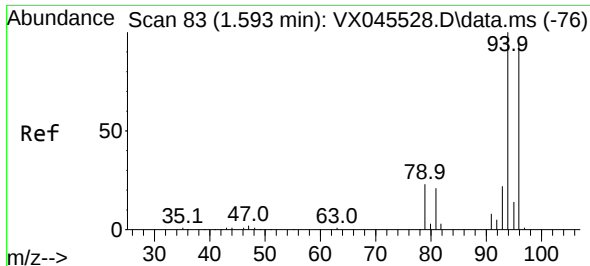
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#4
Vinyl Chloride
Concen: 49.103 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

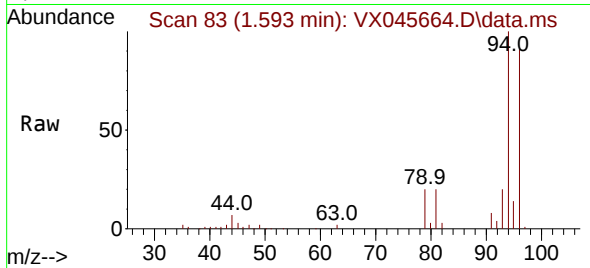
Tgt Ion: 62 Resp: 68070
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





#5
Bromomethane
Concen: 47.592 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

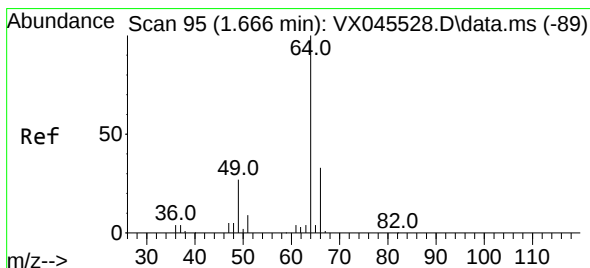
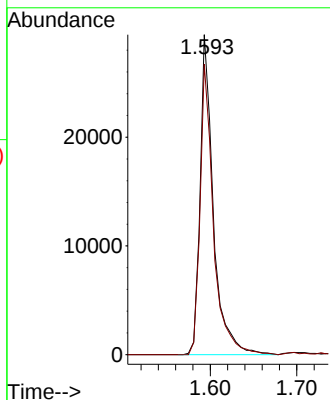
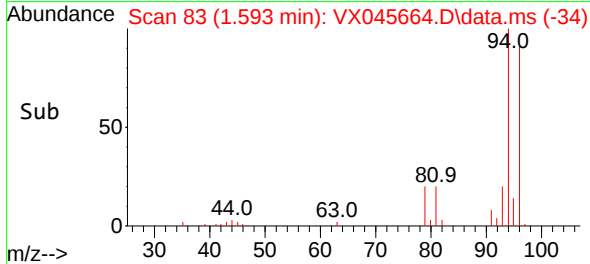
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 3128
Ion Ratio Lower Upper
94 100
96 90.8 74.8 112.2

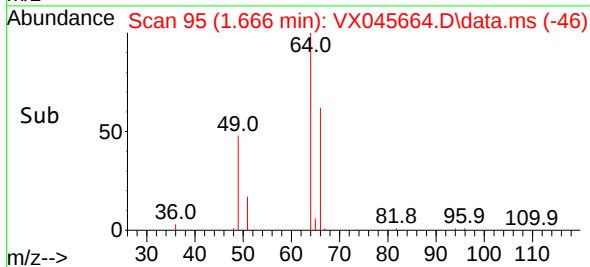
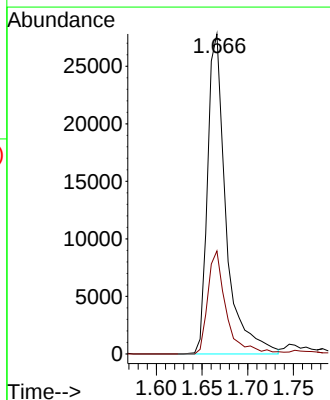
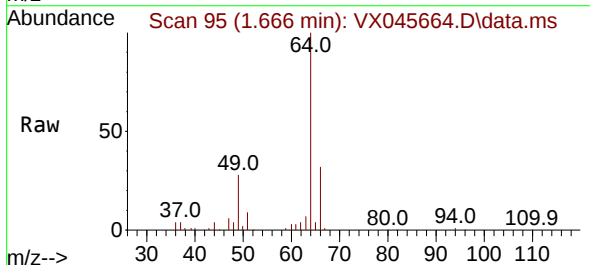
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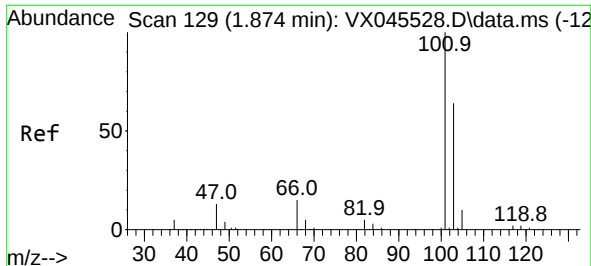
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#6
Chloroethane
Concen: 52.923 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

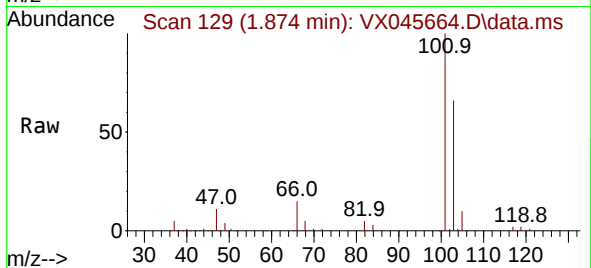
Tgt Ion: 64 Resp: 38924
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 51.999 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045664.D
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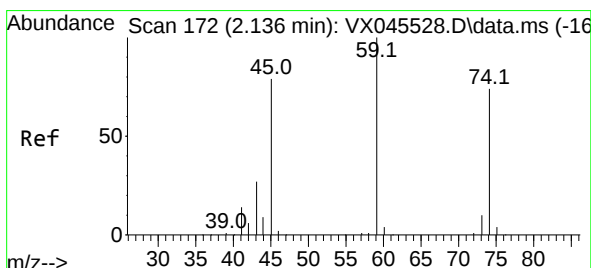
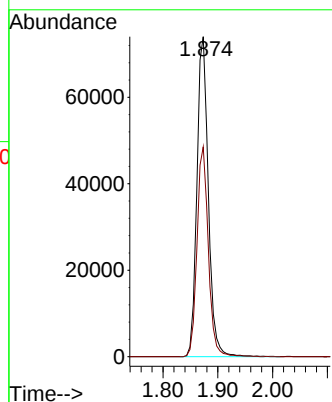
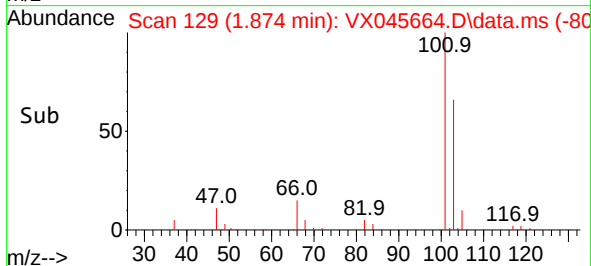
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:101 Resp: 10749
Ion Ratio Lower Upper
101 100
103 65.5 51.1 76.7

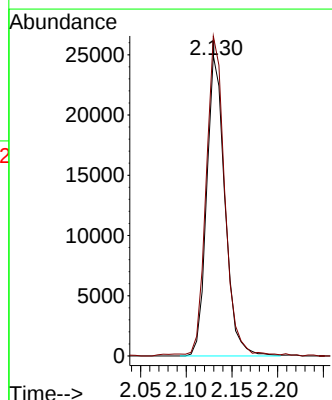
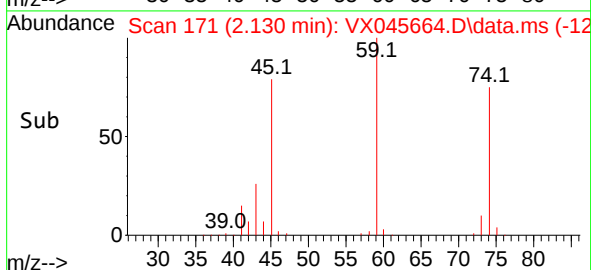
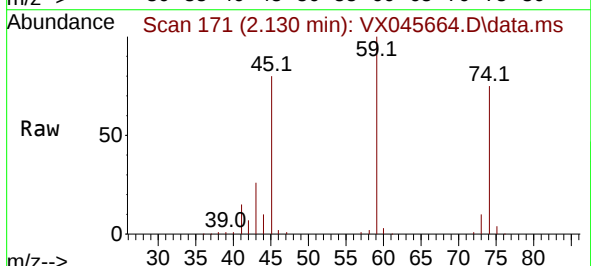
Manual Integrations
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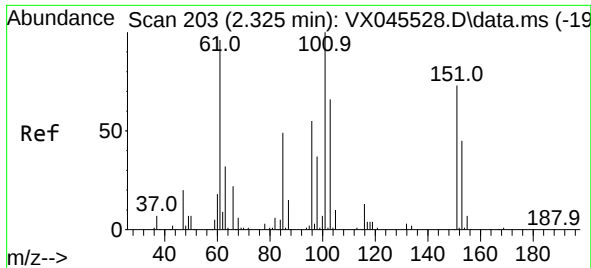
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#8
Diethyl Ether
Concen: 49.768 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 74 Resp: 34540
Ion Ratio Lower Upper
74 100
45 109.9 53.0 159.1





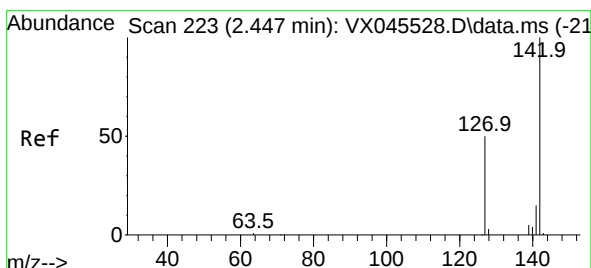
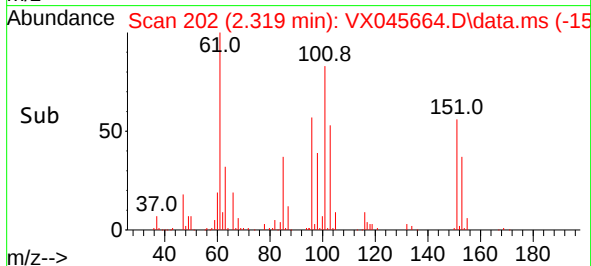
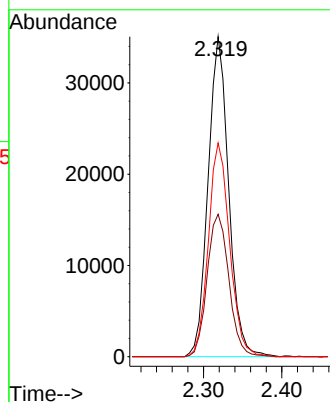
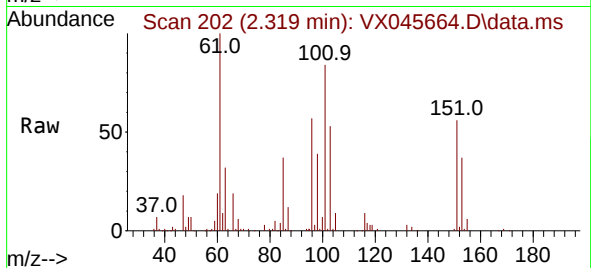
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.860 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045664.D
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Tgt Ion:101 Resp: 64030
Ion Ratio Lower Upper
101 100
85 47.1 38.9 58.3
151 69.1 57.5 86.3

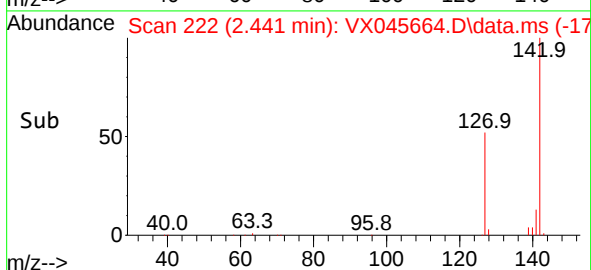
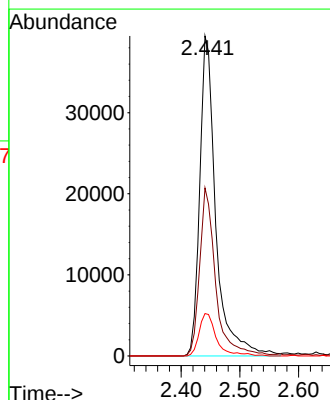
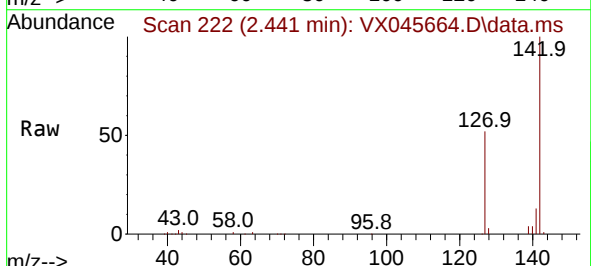
Manual Integrations
APPROVED

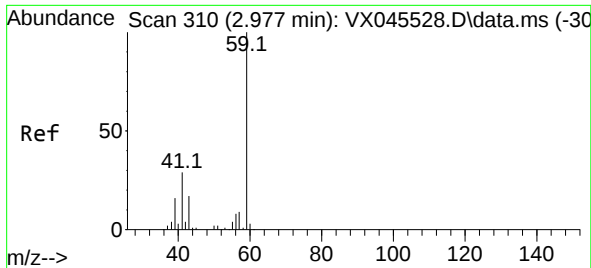
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#10
Methyl Iodide
Concen: 49.865 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

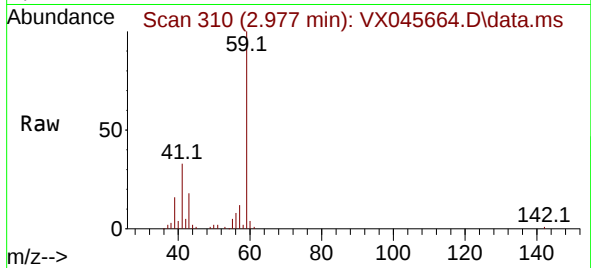
Tgt Ion:142 Resp: 75341
Ion Ratio Lower Upper
142 100
127 52.1 40.2 60.4
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 250.751 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

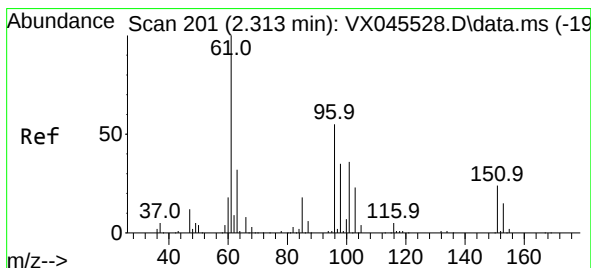
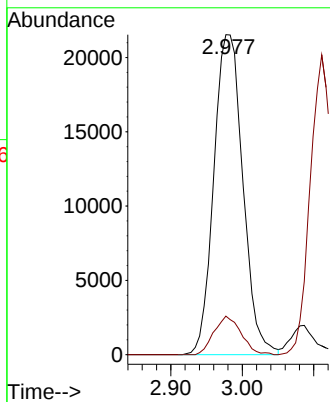
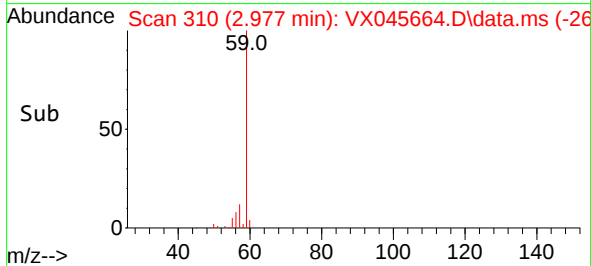
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



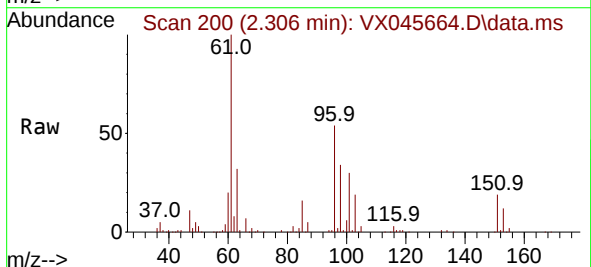
Tgt Ion: 59 Resp: 60760
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

Manual Integrations
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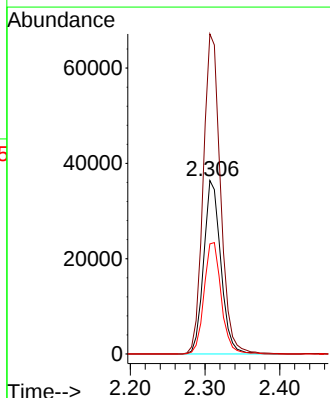
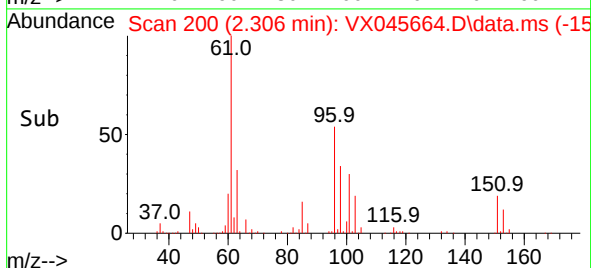
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

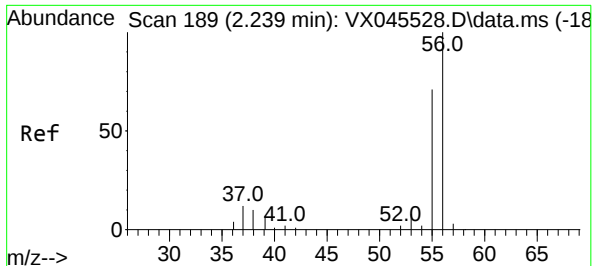


#12
1,1-Dichloroethene
Concen: 48.810 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35



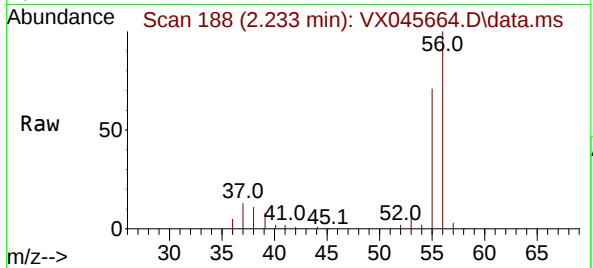
Tgt Ion: 96 Resp: 57773
Ion Ratio Lower Upper
96 100
61 184.5 145.7 218.5
98 63.5 51.6 77.4





#13
Acrolein
Concen: 215.595 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

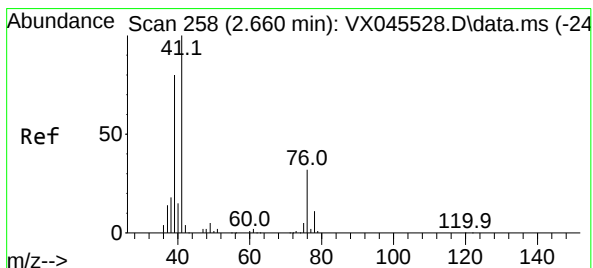
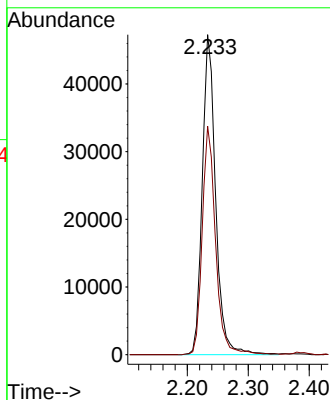
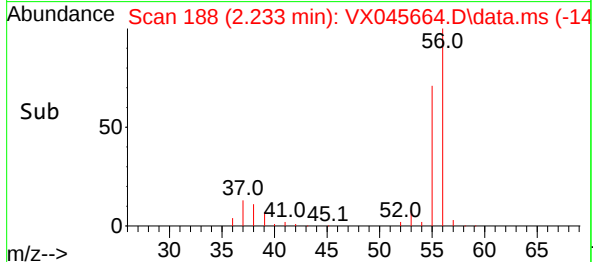
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 71940
Ion Ratio Lower Upper
56 100
55 71.5 56.2 84.2

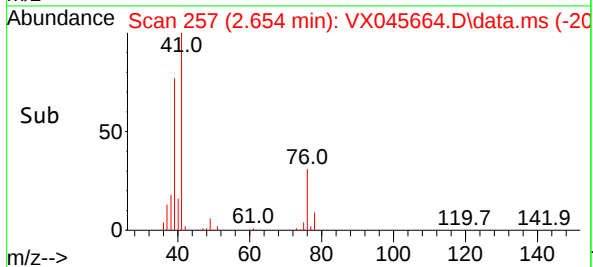
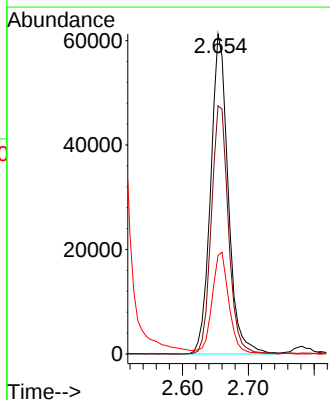
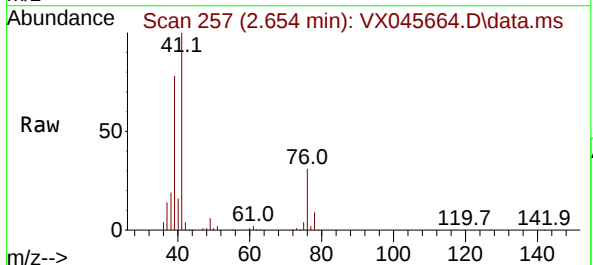
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#14
Allyl chloride
Concen: 50.776 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

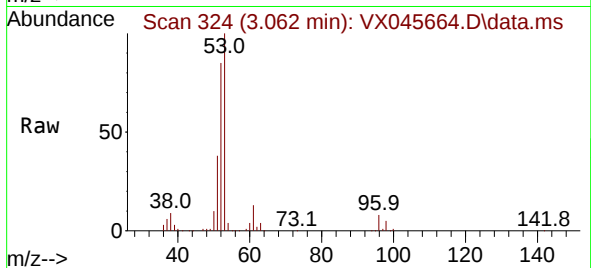
Tgt Ion: 41 Resp: 114031
Ion Ratio Lower Upper
41 100
39 75.5 60.2 90.2
76 30.6 24.6 36.8





#15
Acrylonitrile
Concen: 239.873 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

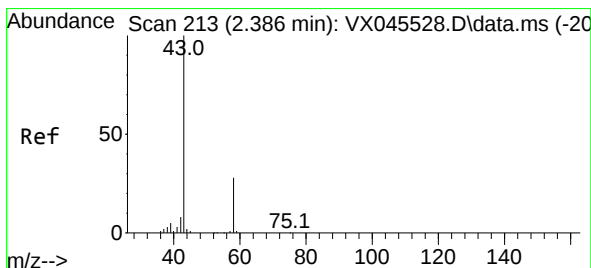
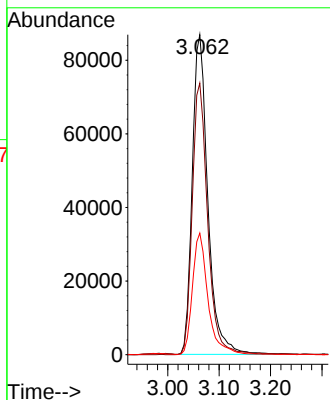
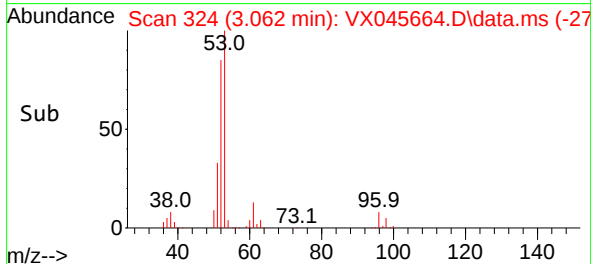
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 18347
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 37.8 29.9 44.9

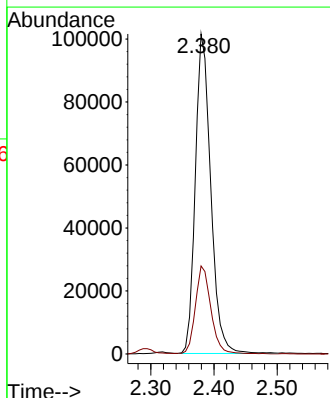
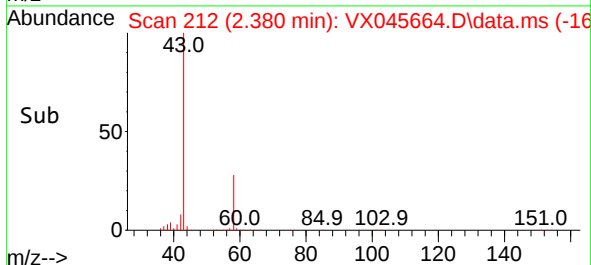
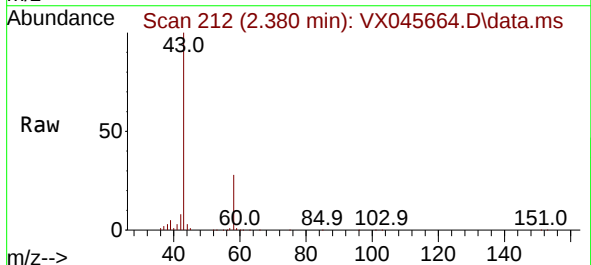
Manual Integrations
APPROVED

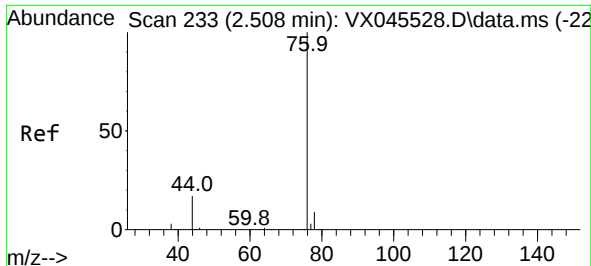
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#16
Acetone
Concen: 232.643 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 43 Resp: 172243
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5





#17

Carbon Disulfide

Concen: 46.377 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 135579

Ion Ratio Lower Upper

76 100

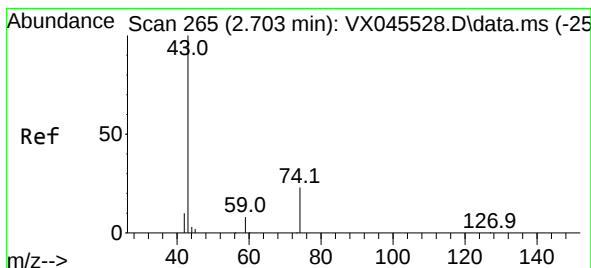
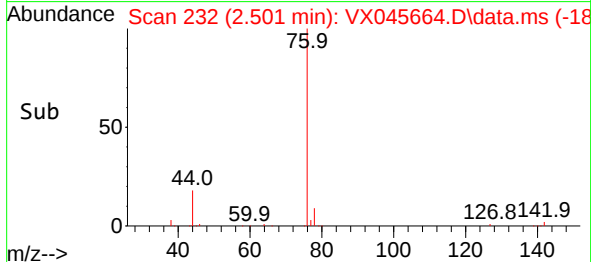
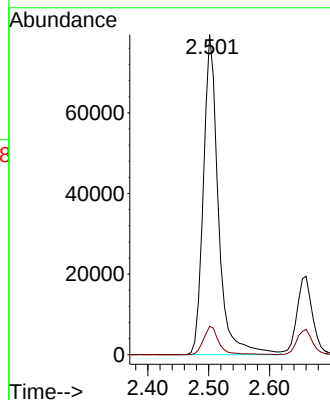
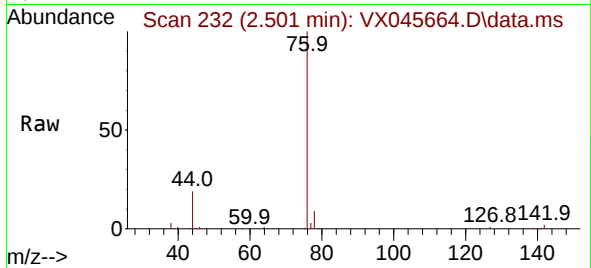
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#18

Methyl Acetate

Concen: 53.475 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045664.D

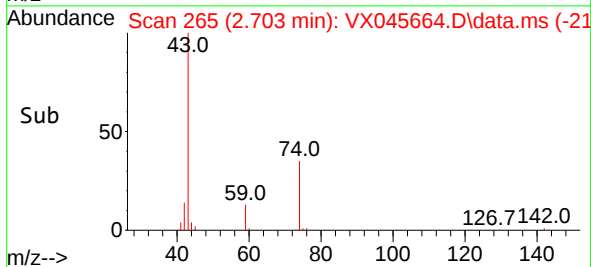
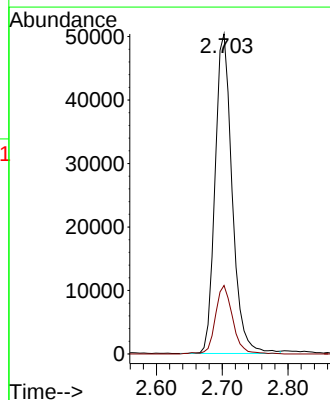
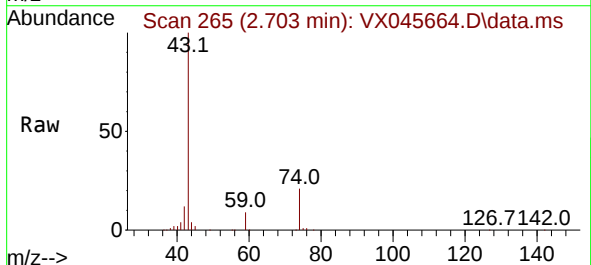
Acq: 09 Apr 2025 10:35

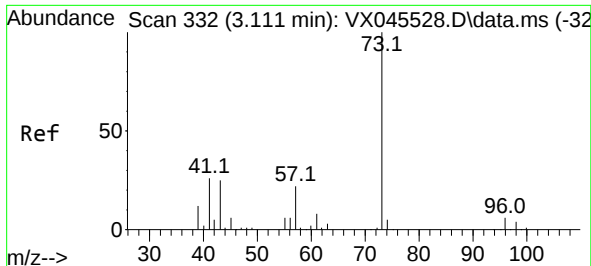
Tgt Ion: 43 Resp: 91155

Ion Ratio Lower Upper

43 100

74 21.7 17.5 26.3





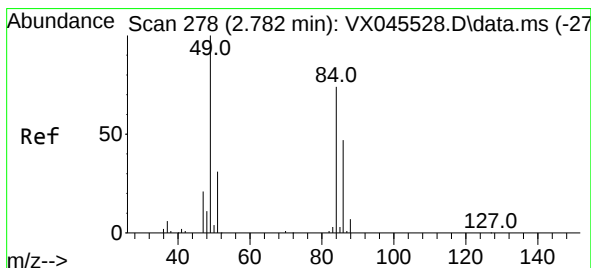
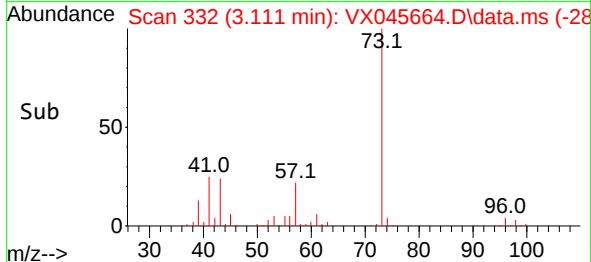
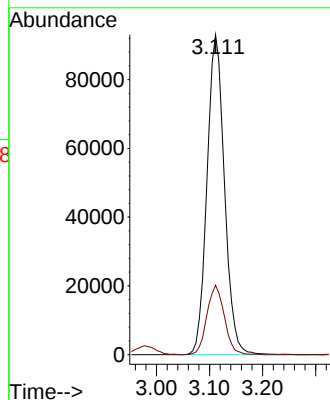
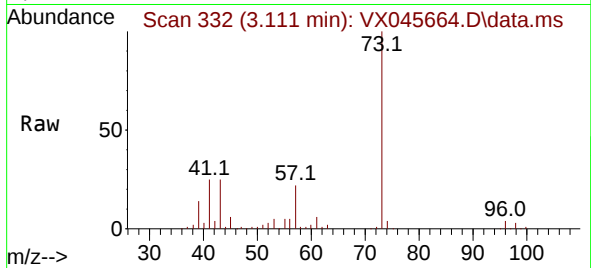
#19
Methyl tert-butyl Ether
Concen: 51.365 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 21267
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

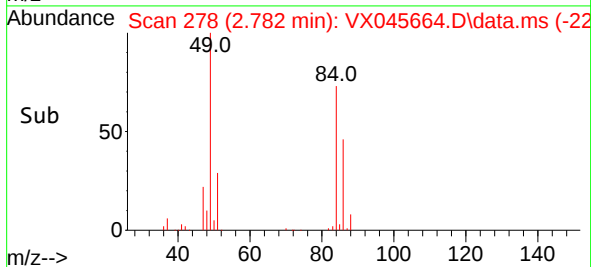
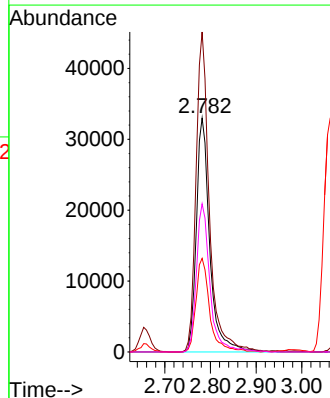
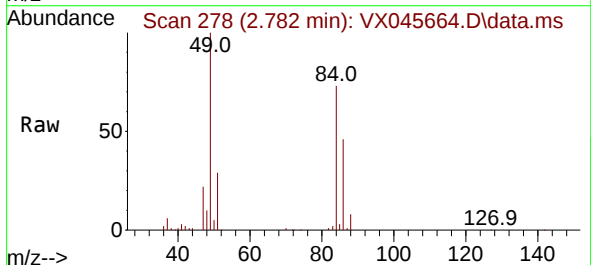
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#20
Methylene Chloride
Concen: 48.733 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

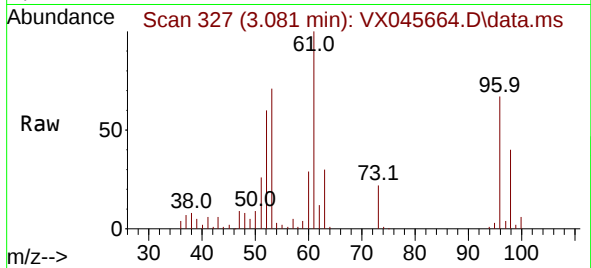
Tgt Ion: 84 Resp: 67547
Ion Ratio Lower Upper
84 100
49 136.8 107.5 161.3
51 40.1 33.0 49.6
86 63.4 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 49.674 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

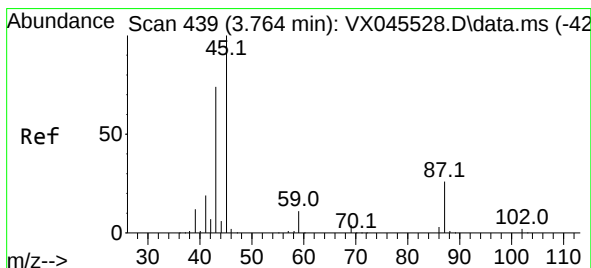
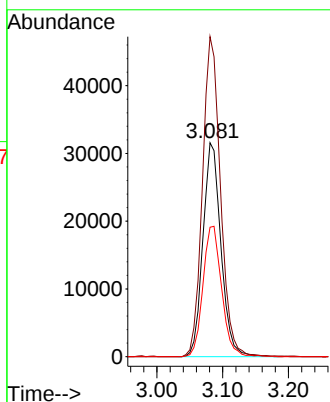
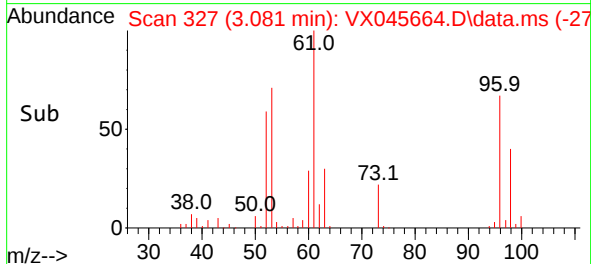
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



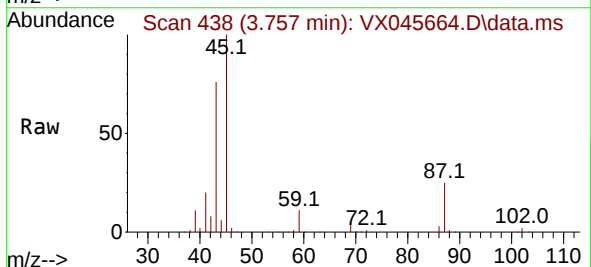
Tgt Ion: 96 Resp: 6006
Ion Ratio Lower Upper
96 100
61 149.6 121.0 181.6
98 60.5 49.7 74.5

Manual Integrations
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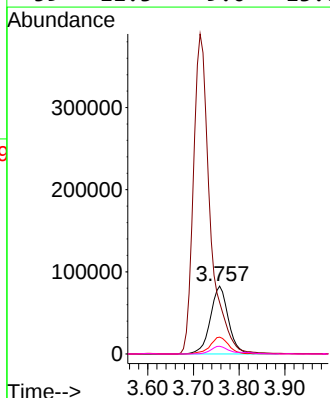
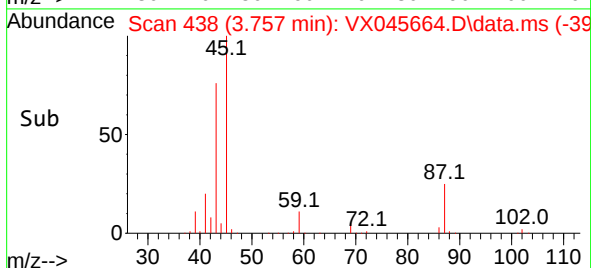
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#22
Diisopropyl ether
Concen: 51.300 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35



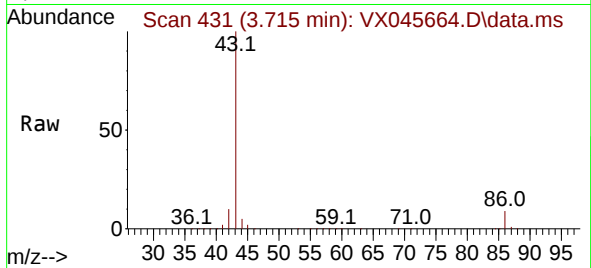
Tgt Ion: 45 Resp: 226945
Ion Ratio Lower Upper
45 100
43 75.8 59.3 88.9
87 24.8 20.4 30.6
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 258.743 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045664.D
 Acq: 09 Apr 2025 10:35

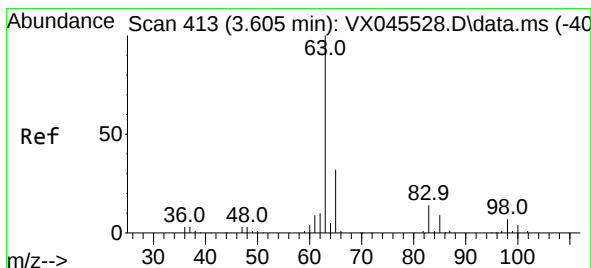
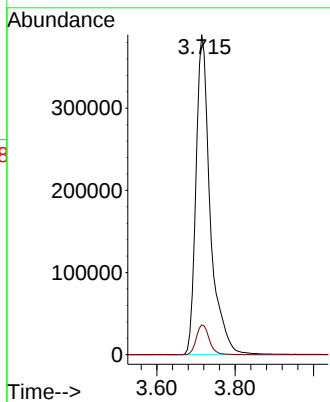
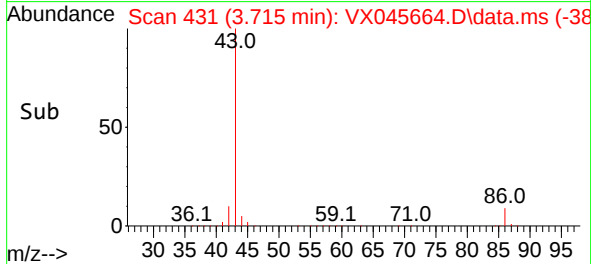
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 988964
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

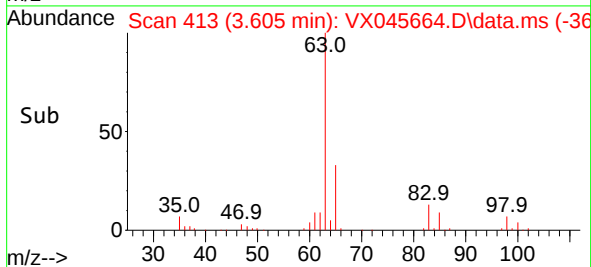
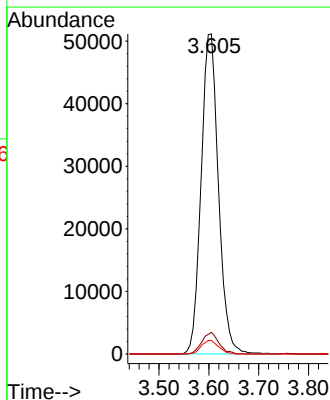
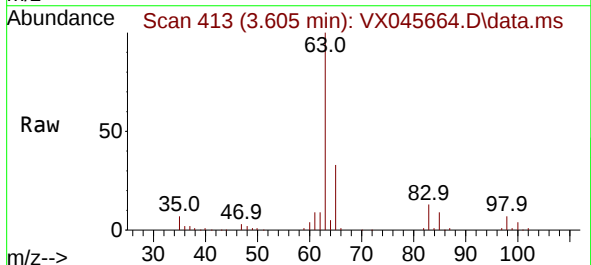
Manual Integrations
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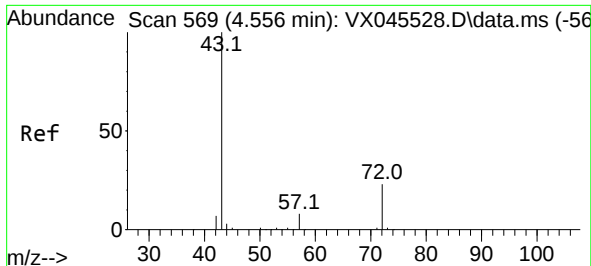
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#24
 1,1-Dichloroethane
 Concen: 49.288 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045664.D
 Acq: 09 Apr 2025 10:35

Tgt Ion: 63 Resp: 123311
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.2 2.2 6.6





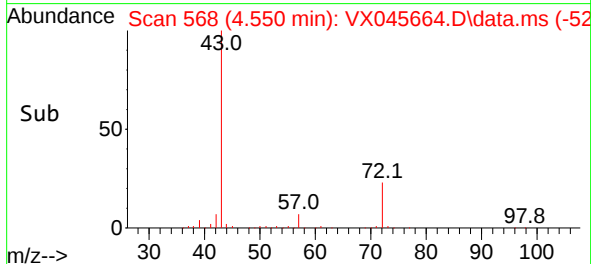
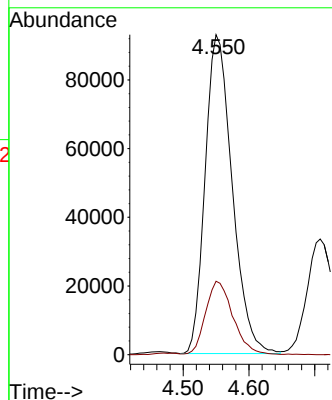
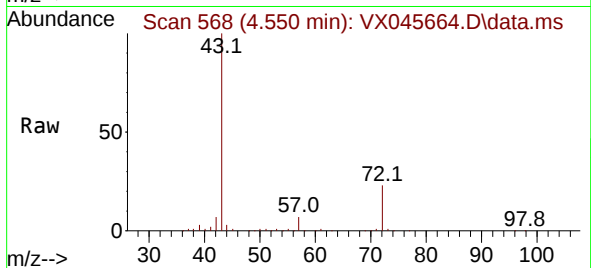
#25
2-Butanone
Concen: 244.882 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 265392
Ion Ratio Lower Upper
43 100
72 23.0 18.6 28.0

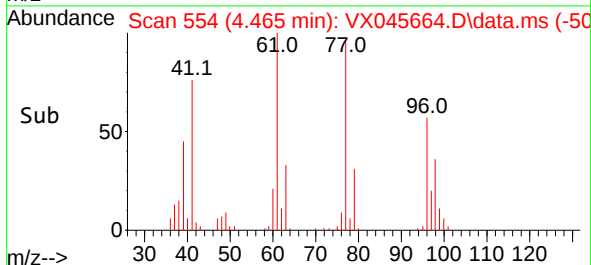
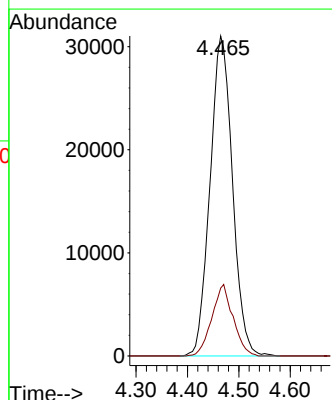
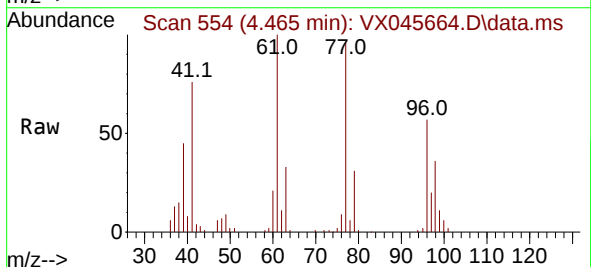
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#26
2,2-Dichloropropane
Concen: 58.169 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 77 Resp: 94027
Ion Ratio Lower Upper
77 100
97 21.1 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 49.093 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX045664.D
 Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

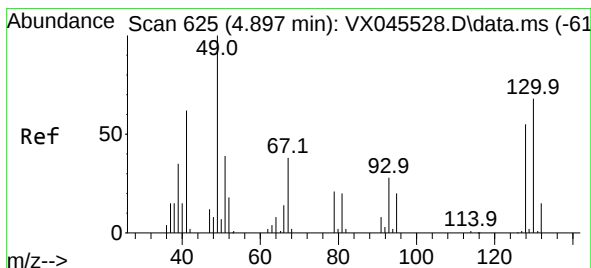
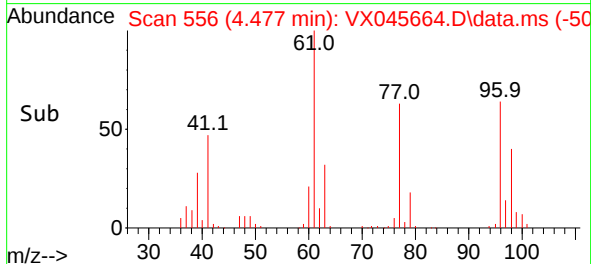
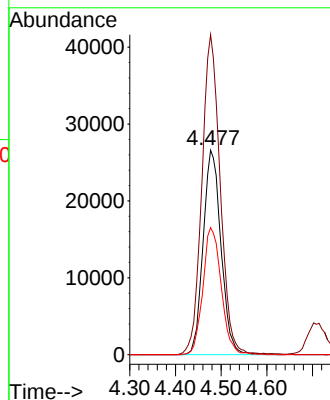
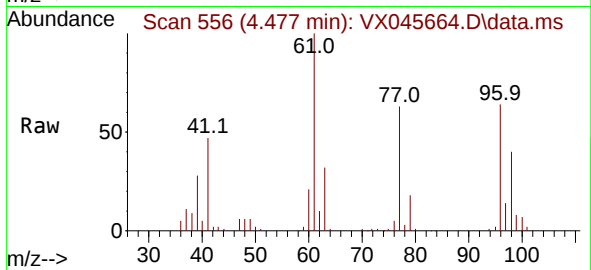
VSTDCCC050

Tgt Ion: 96 Resp: 7232
 Ion Ratio Lower Upper
 96 100
 61 160.7 0.0 313.2
 98 63.8 0.0 126.4

Manual Integrations

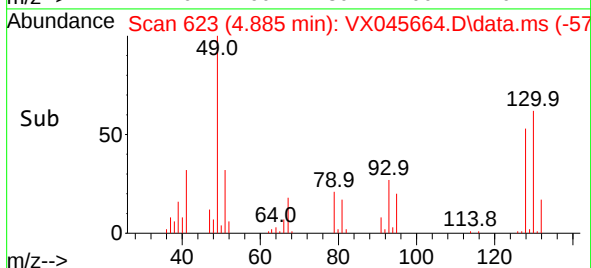
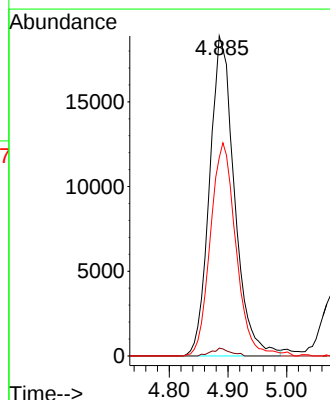
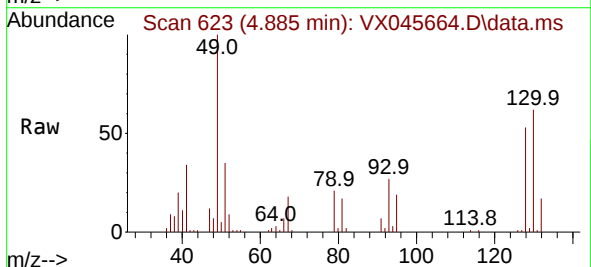
APPROVED

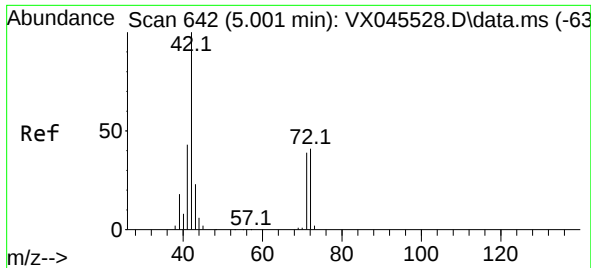
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#28
 Bromochloromethane
 Concen: 46.046 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX045664.D
 Acq: 09 Apr 2025 10:35

Tgt Ion: 49 Resp: 55670
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 68.4 54.6 81.8





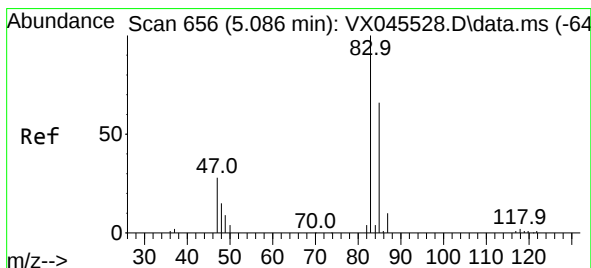
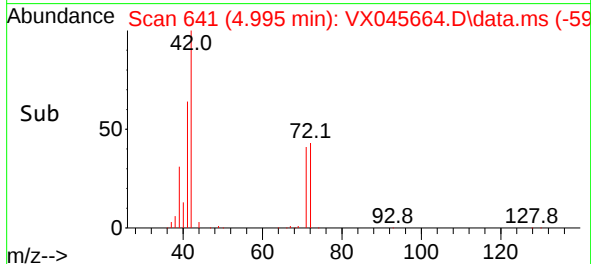
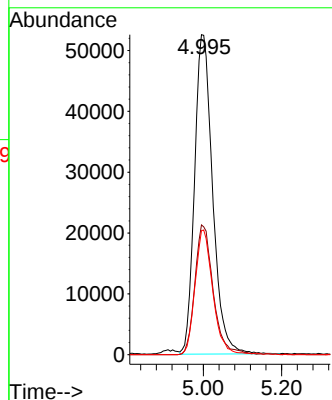
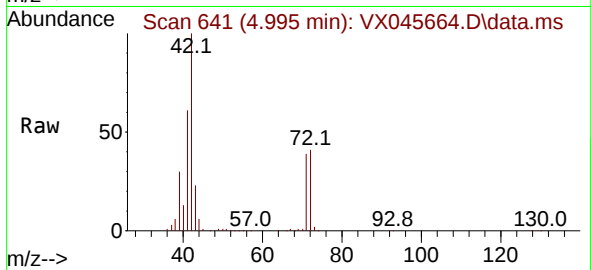
#29
Tetrahydrofuran
Concen: 240.083 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 16869
Ion Ratio Lower Upper
42 100
72 41.2 33.4 50.0
71 38.3 31.4 47.0

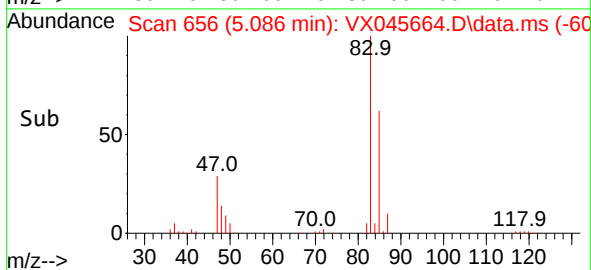
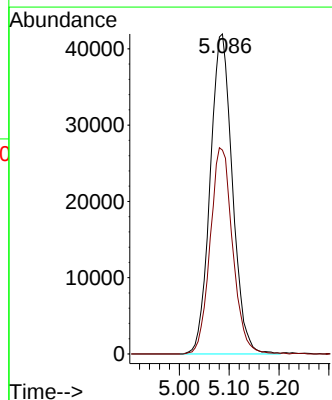
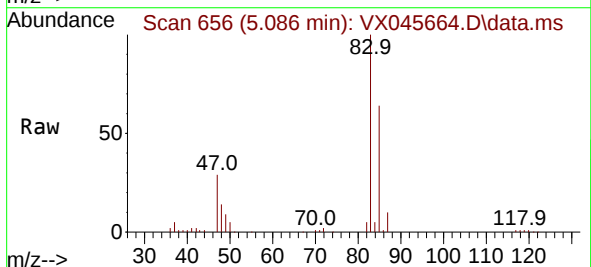
Manual Integrations
APPROVED

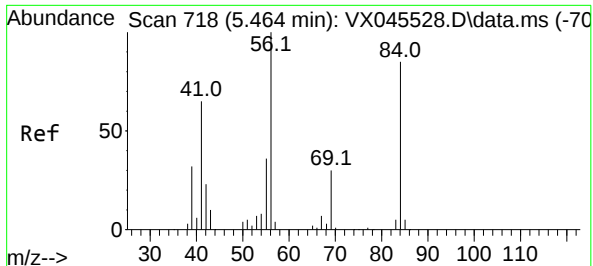
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#30
Chloroform
Concen: 50.443 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

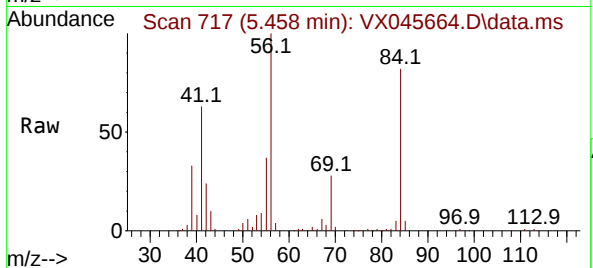
Tgt Ion: 83 Resp: 129858
Ion Ratio Lower Upper
83 100
85 63.7 52.8 79.2





#31
Cyclohexane
Concen: 48.695 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

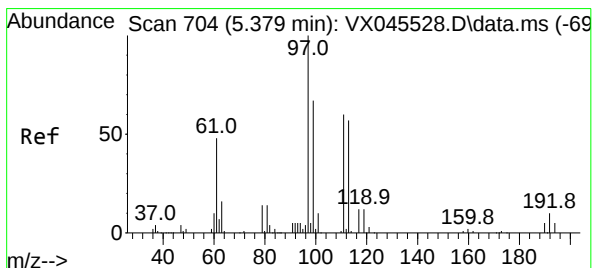
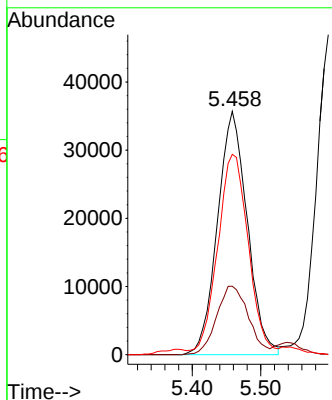
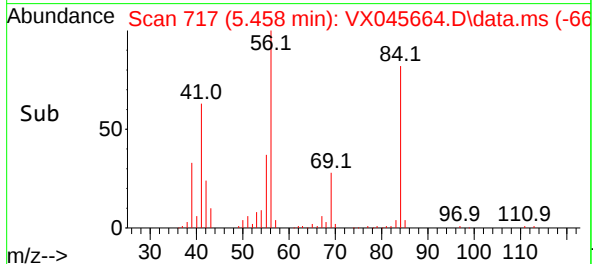
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



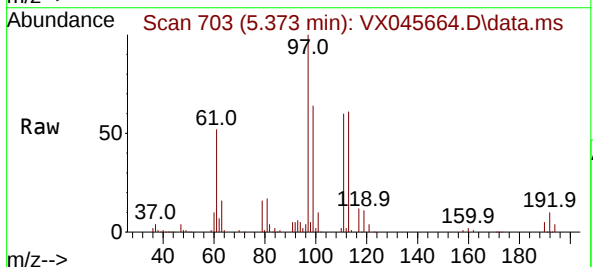
Tgt Ion: 56 Resp: 10770
Ion Ratio Lower Upper
56 100
69 28.1 23.6 35.4
84 80.0 67.7 101.5

Manual Integrations
APPROVED

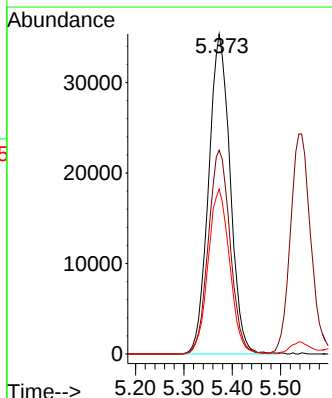
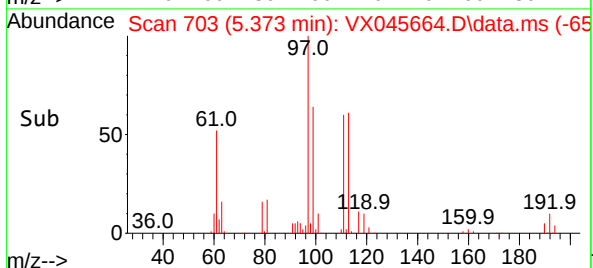
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

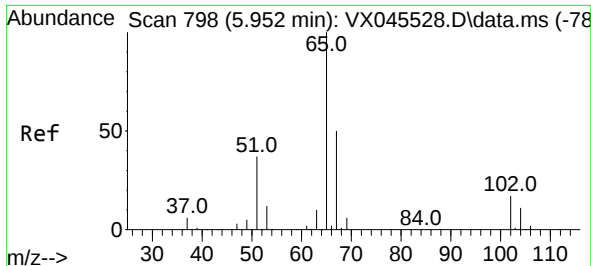


#32
1,1,1-Trichloroethane
Concen: 50.125 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35



Tgt Ion: 97 Resp: 109187
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 51.9 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 51.679 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 93178

Ion Ratio Lower Upper

65 100

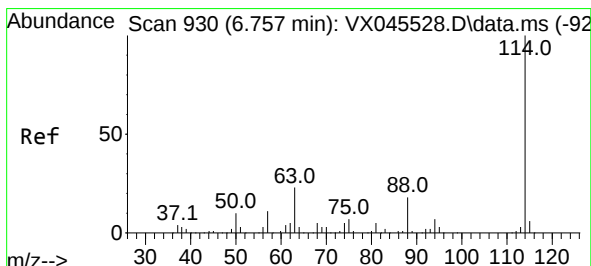
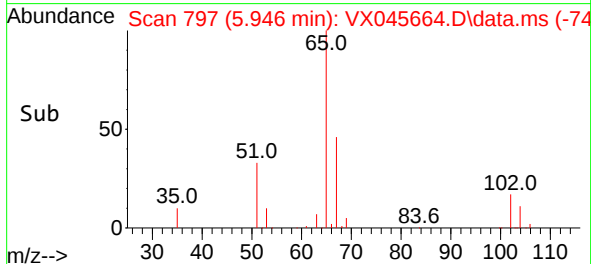
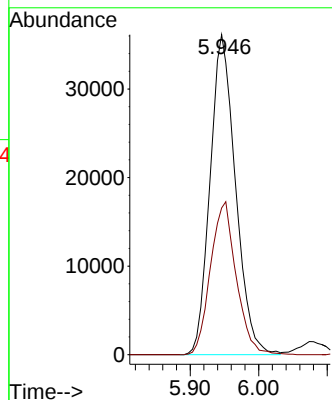
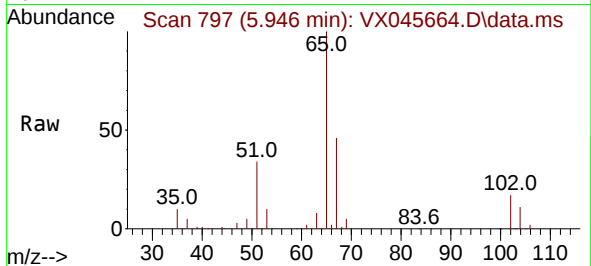
67 48.4 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

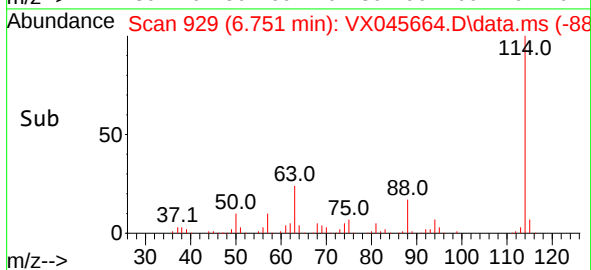
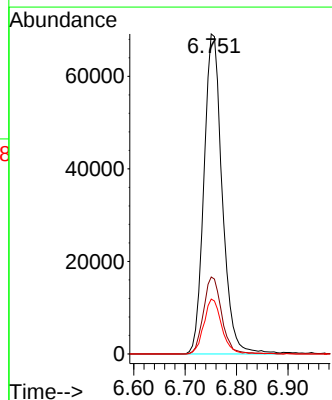
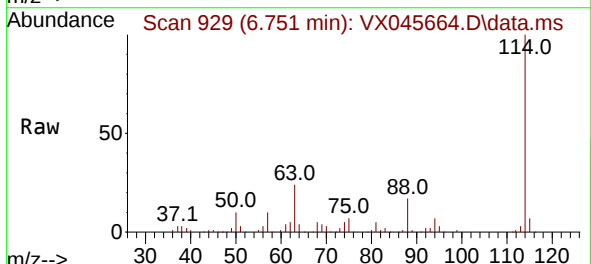
Tgt Ion:114 Resp: 170453

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

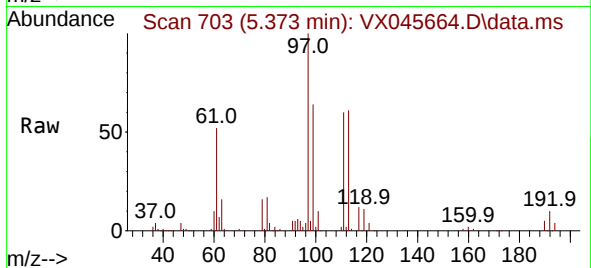
88 17.2 0.0 35.4





#35
Dibromofluoromethane
Concen: 53.479 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

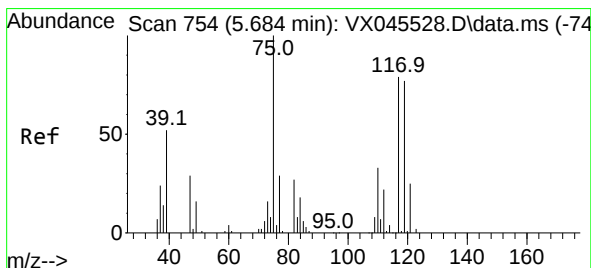
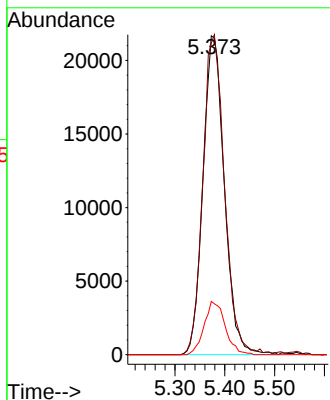
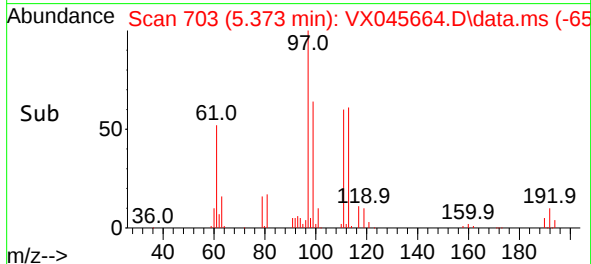
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 64670
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.6
192 16.4 13.8 20.6

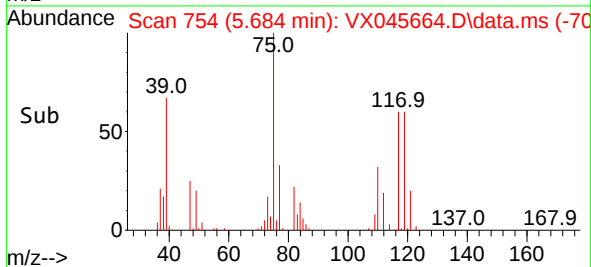
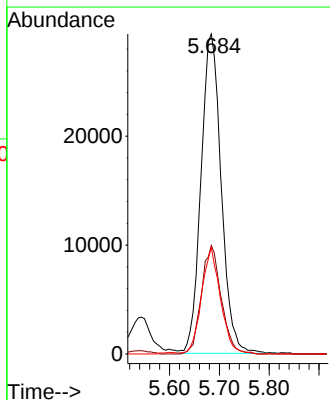
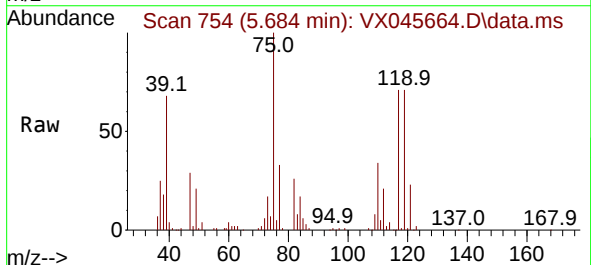
Manual Integrations
APPROVED

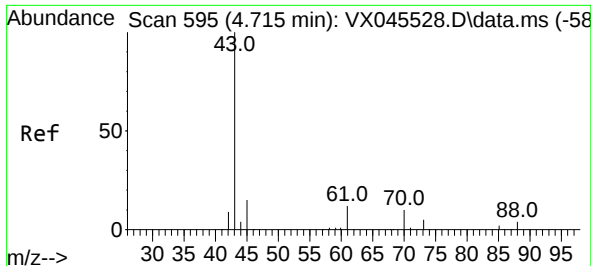
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#36
1,1-Dichloropropene
Concen: 50.649 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 75 Resp: 82704
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.6
77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 48.695 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 100204

Ion Ratio Lower Upper

43 100

61 12.5 9.9 14.9

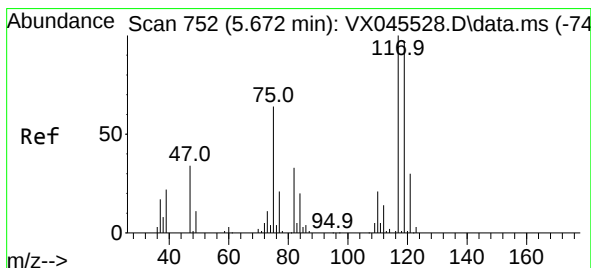
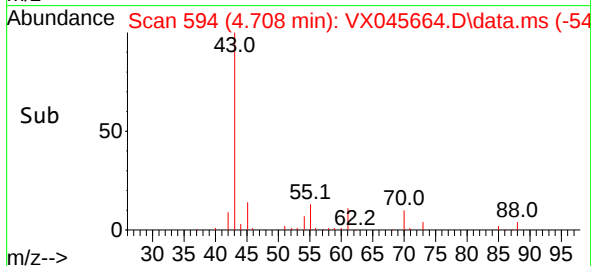
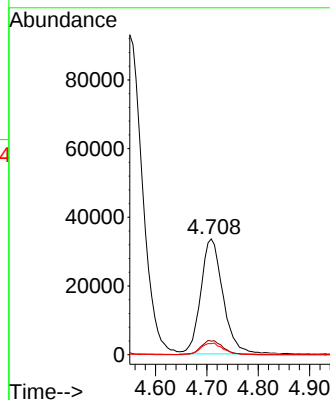
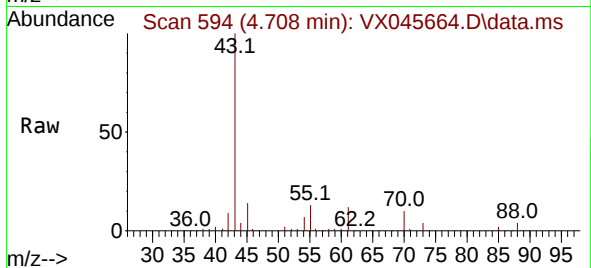
70 10.1 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#38

Carbon Tetrachloride

Concen: 53.397 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

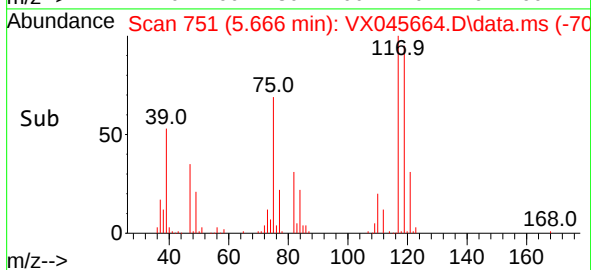
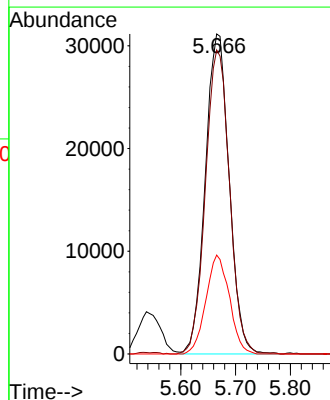
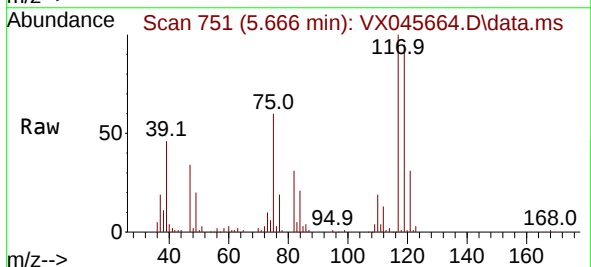
Tgt Ion:117 Resp: 94233

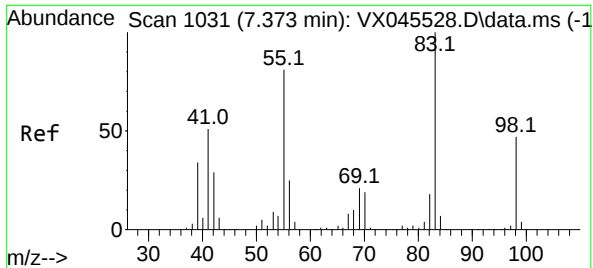
Ion Ratio Lower Upper

117 100

119 95.0 76.9 115.3

121 30.9 24.2 36.2





#39
Methylcyclohexane
Concen: 53.743 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

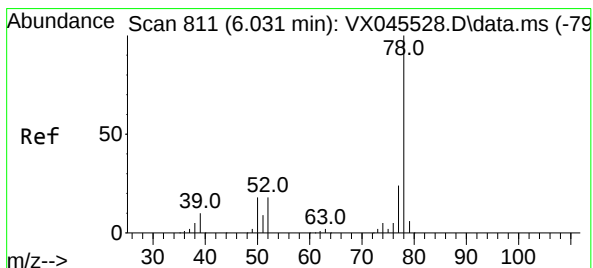
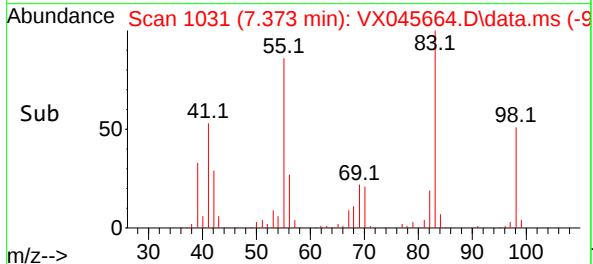
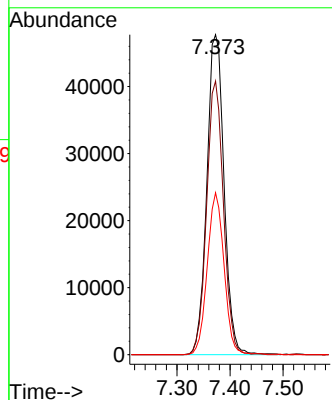
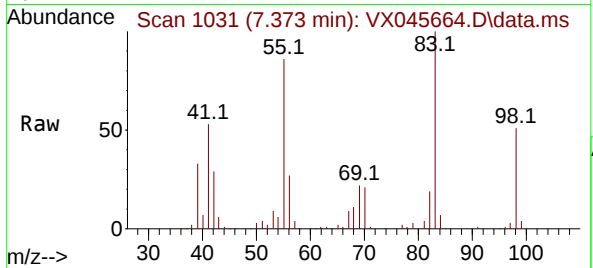
Tgt Ion: 83 Resp: 10757
Ion Ratio Lower Upper
83 100
55 85.5 64.9 97.3
98 50.6 37.4 56.0

Manual Integrations

APPROVED

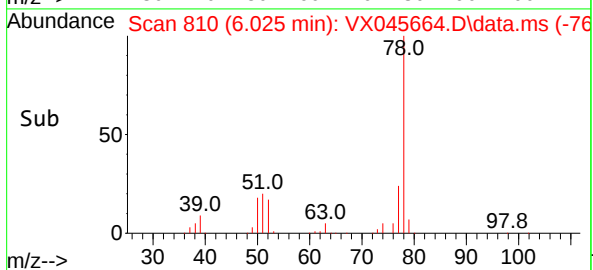
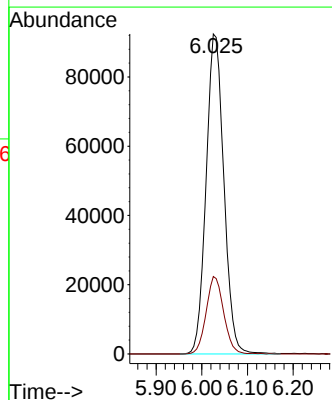
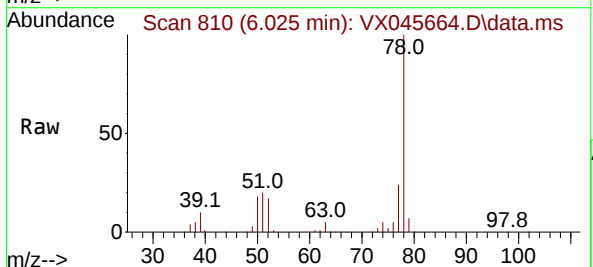
Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#40
Benzene
Concen: 49.925 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

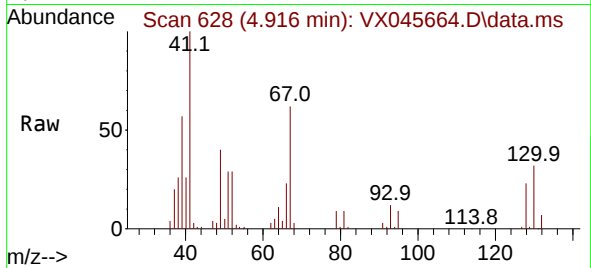
Tgt Ion: 78 Resp: 248974
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 53.585 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

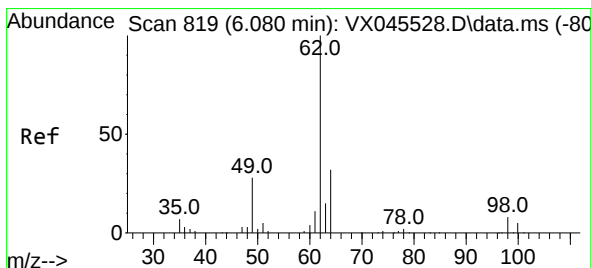
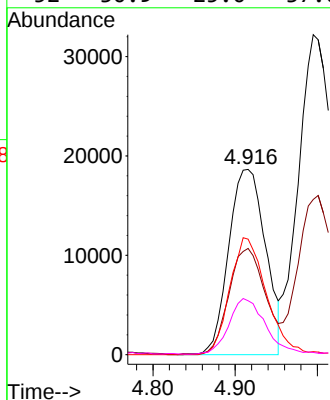
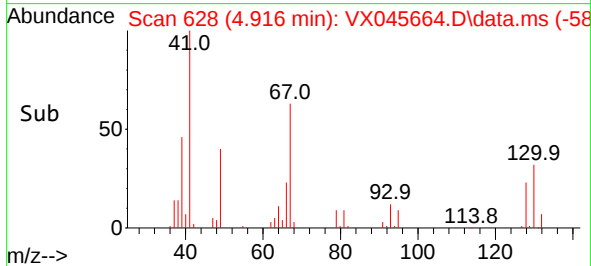
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 58179
Ion Ratio Lower Upper
41 100
39 55.8 47.0 70.6
67 63.2 53.2 79.8
52 30.9 25.0 37.6

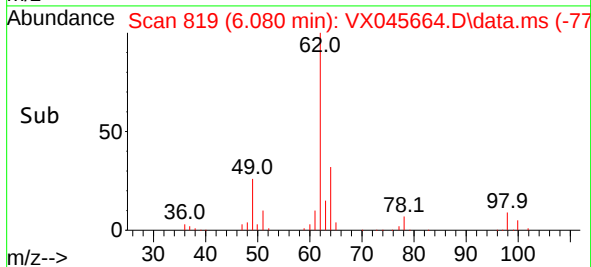
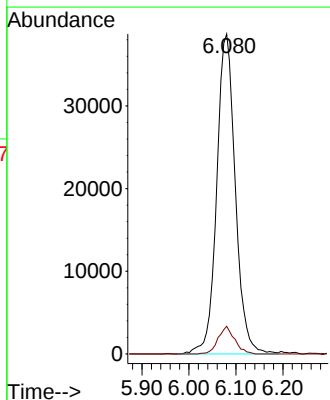
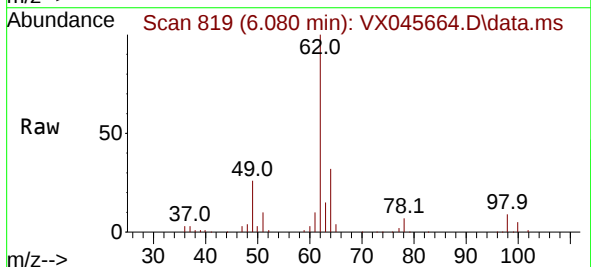
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#42
1,2-Dichloroethane
Concen: 51.791 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

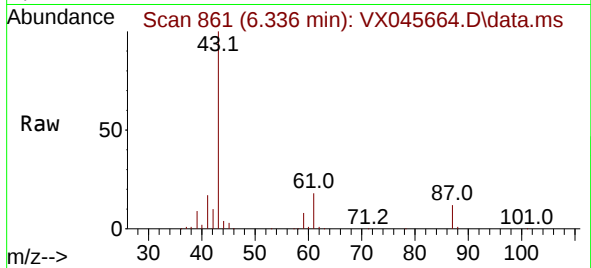
Tgt Ion: 62 Resp: 106676
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43
Isopropyl Acetate
Concen: 52.580 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

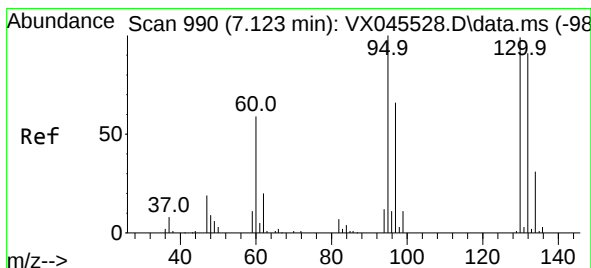
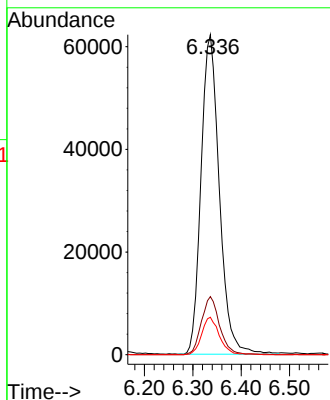
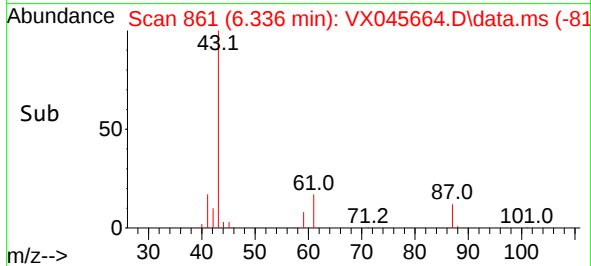
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16398
Ion Ratio Lower Upper
43 100
61 18.0 14.1 21.1
87 11.3 9.2 13.8

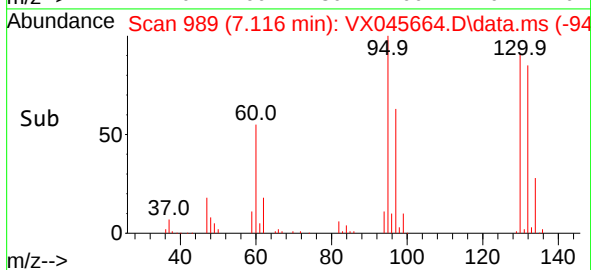
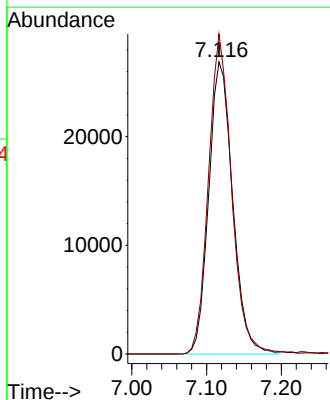
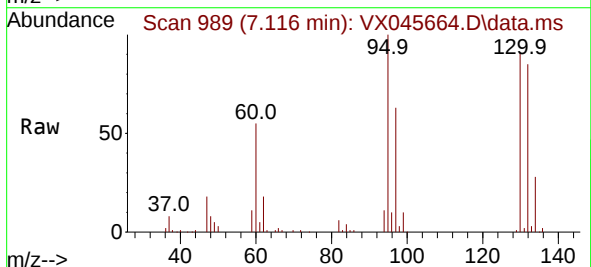
Manual Integrations
APPROVED

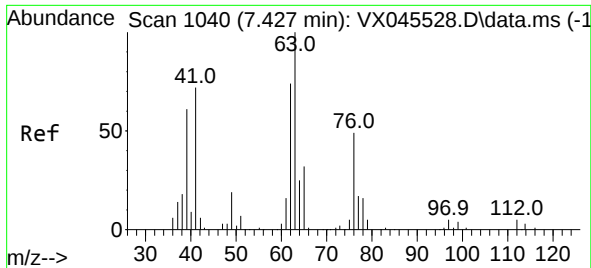
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#44
Trichloroethene
Concen: 50.518 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion:130 Resp: 59881
Ion Ratio Lower Upper
130 100
95 109.6 0.0 202.0





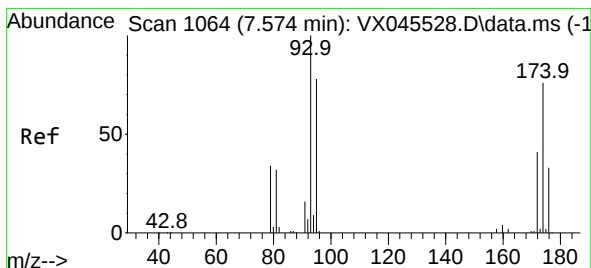
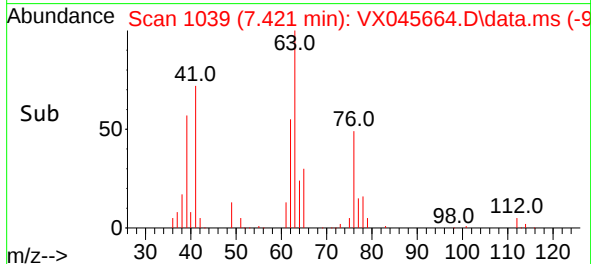
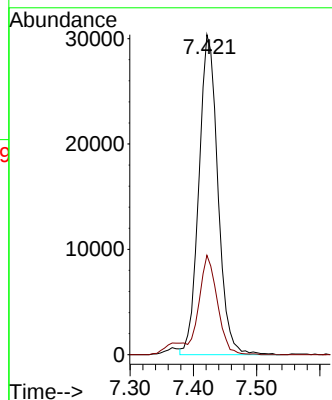
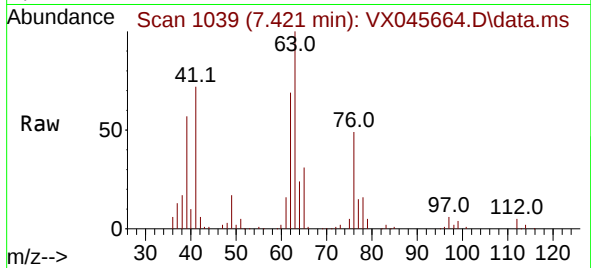
#45
1,2-Dichloropropane
Concen: 51.125 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6361
Ion Ratio Lower Upper
63 100
65 31.0 25.8 38.6

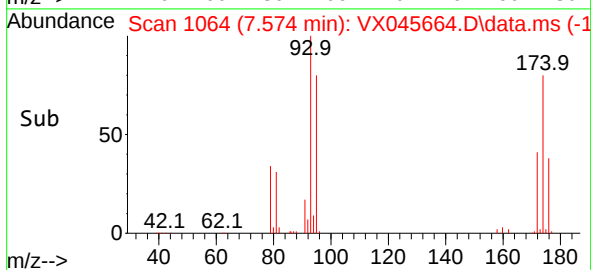
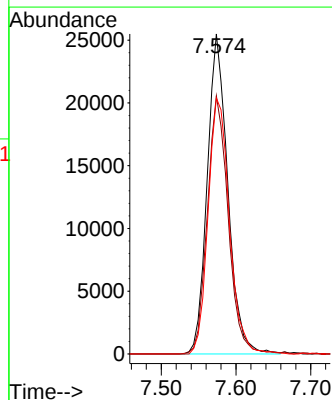
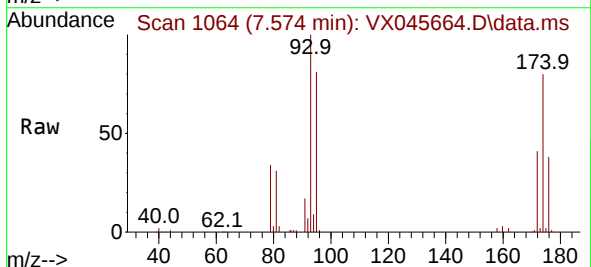
Manual Integrations
APPROVED

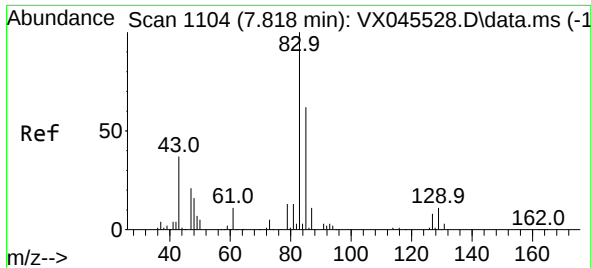
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#46
Dibromomethane
Concen: 51.004 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

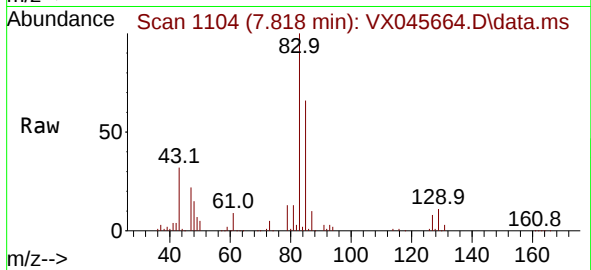
Tgt Ion: 93 Resp: 48718
Ion Ratio Lower Upper
93 100
95 81.9 64.8 97.2
174 83.2 65.4 98.0





#47
Bromodichloromethane
Concen: 52.121 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

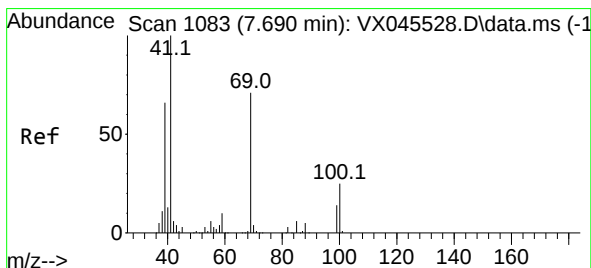
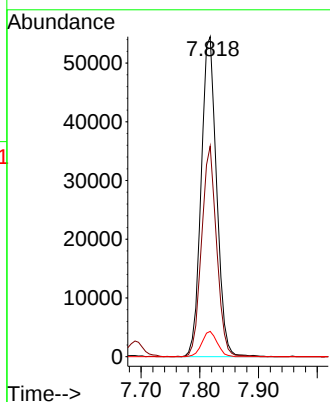
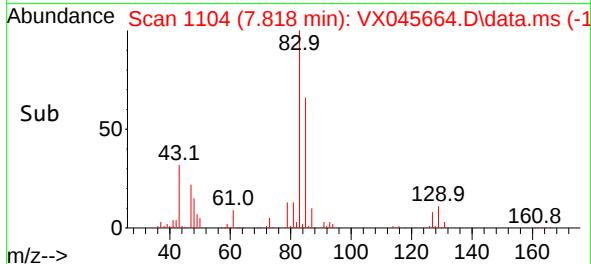
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 99424
Ion Ratio Lower Upper
83 100
85 65.8 49.7 74.5
127 7.9 6.1 9.1

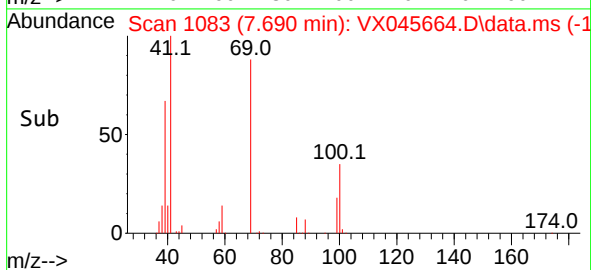
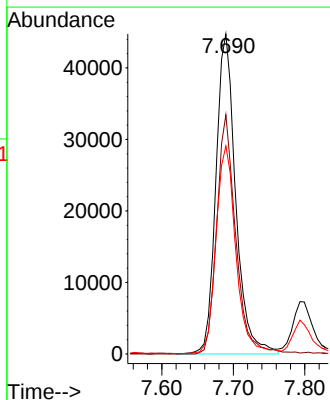
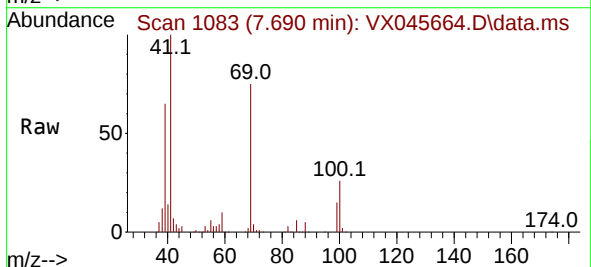
Manual Integrations
APPROVED

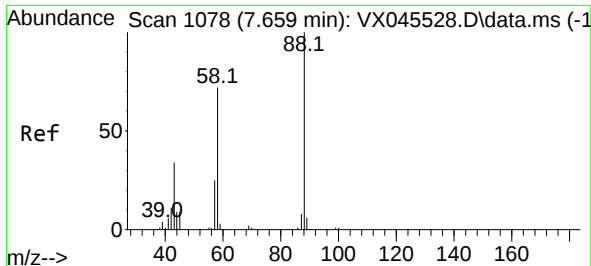
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#48
Methyl methacrylate
Concen: 53.362 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 41 Resp: 85929
Ion Ratio Lower Upper
41 100
69 71.7 58.2 87.2
39 66.0 53.6 80.4





#49

1,4-Dioxane

Concen: 1067.317 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

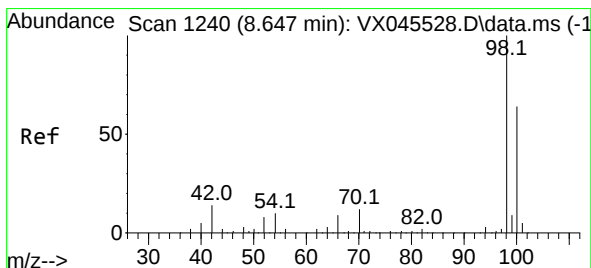
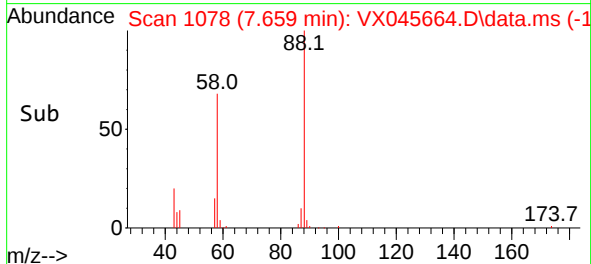
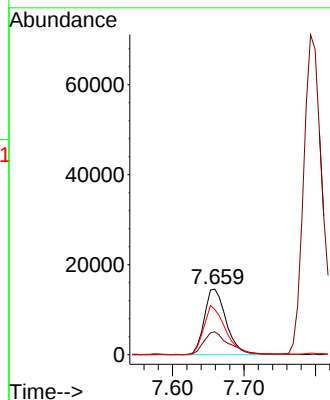
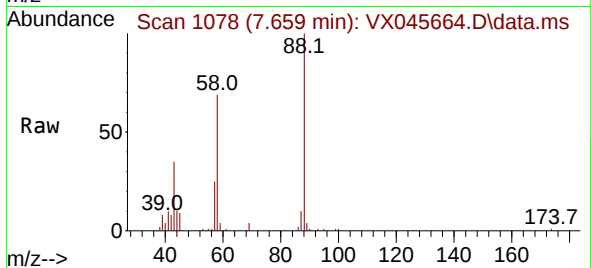
Tgt Ion:	88	Resp:	31090
Ion	Ratio	Lower	Upper
88	100		
43	40.7	32.2	48.4
58	74.5	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#50

Toluene-d8

Concen: 51.382 ug/l

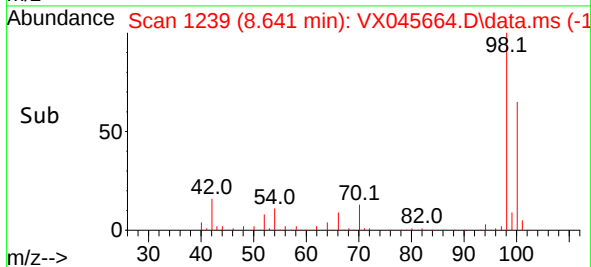
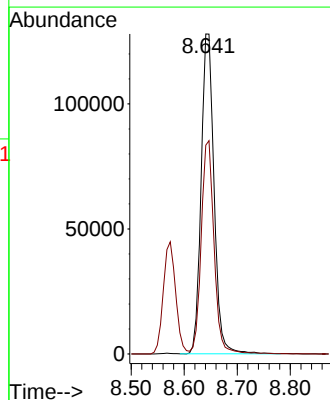
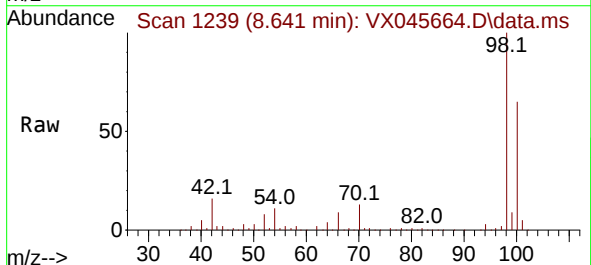
RT: 8.641 min Scan# 1239

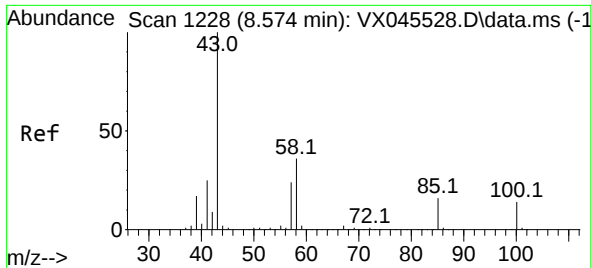
Delta R.T. -0.006 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Tgt Ion:	98	Resp:	216891
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.4





#51
4-Methyl-2-Pentanone
Concen: 259.961 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

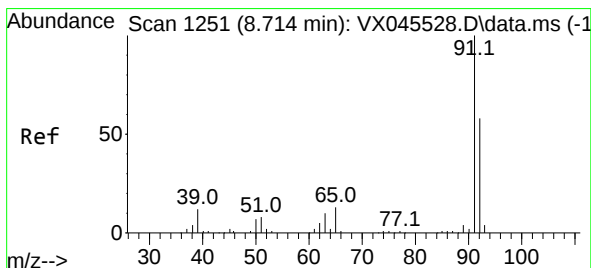
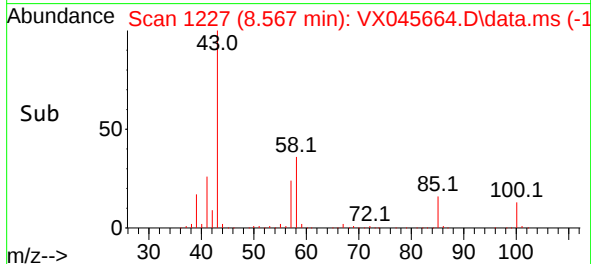
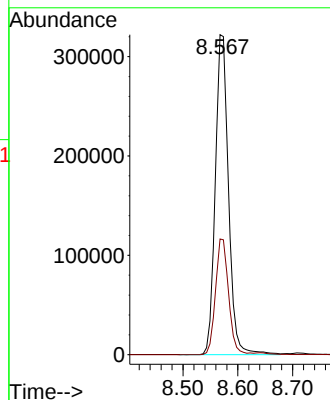
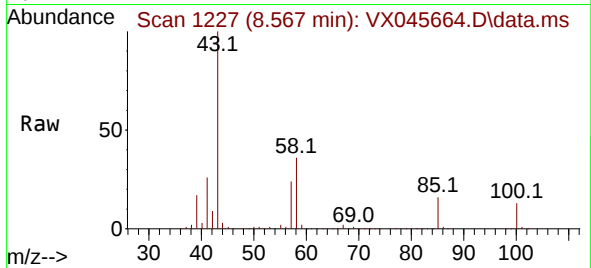
VSTDCCC050

Tgt Ion: 43 Resp: 53747
Ion Ratio Lower Upper
43 100
58 35.8 28.5 42.7

Manual Integrations

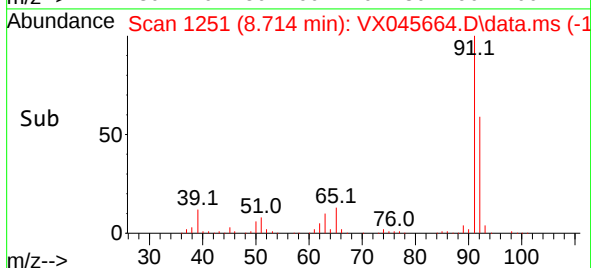
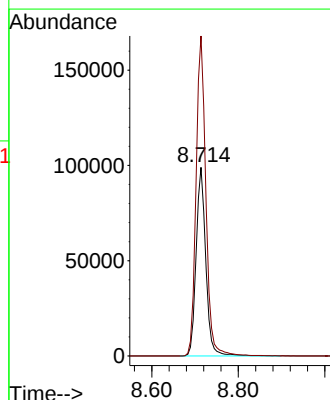
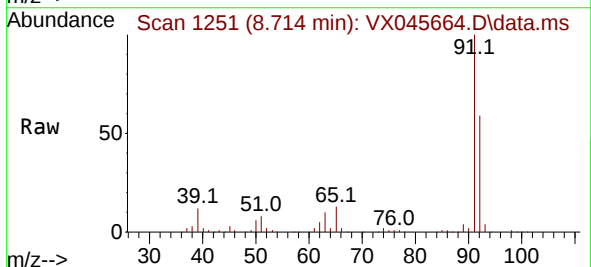
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#52
Toluene
Concen: 50.790 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 92 Resp: 153268
Ion Ratio Lower Upper
92 100
91 172.3 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 49.048 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 89889

Ion Ratio Lower Upper

75 100

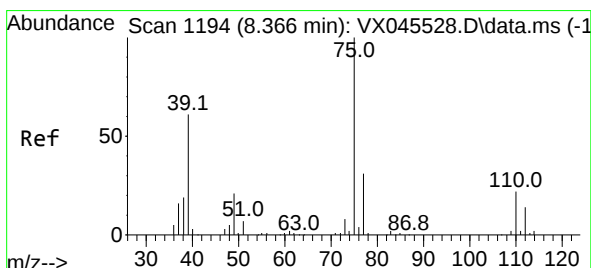
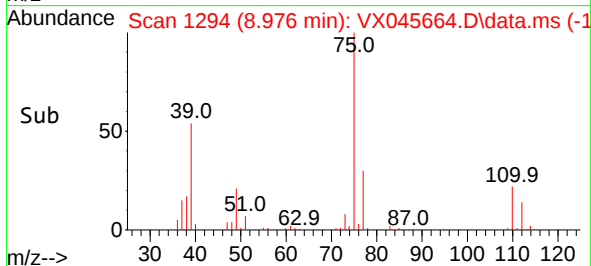
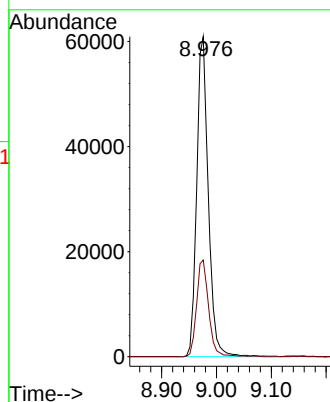
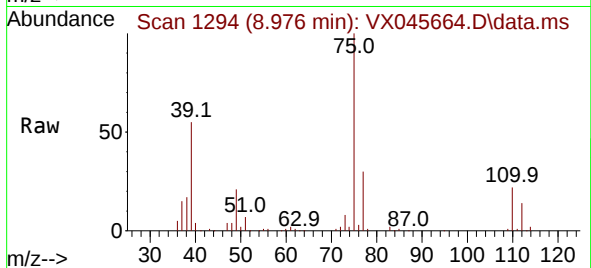
77 30.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#54

cis-1,3-Dichloropropene

Concen: 55.664 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

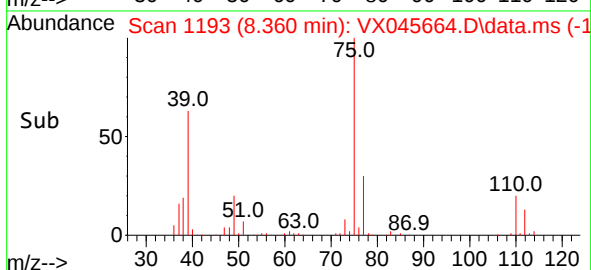
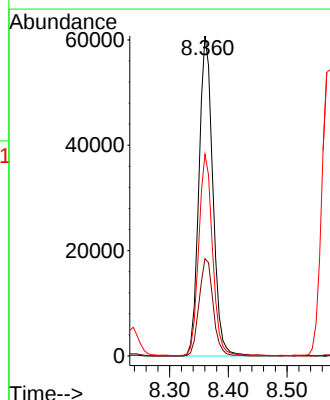
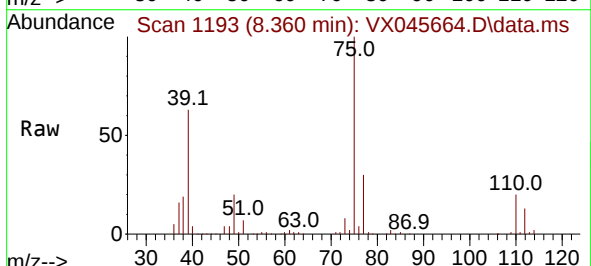
Tgt Ion: 75 Resp: 99782

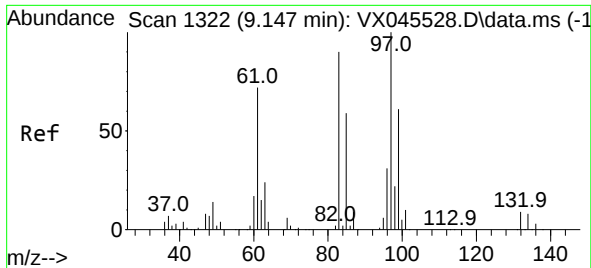
Ion Ratio Lower Upper

75 100

77 30.4 24.6 36.8

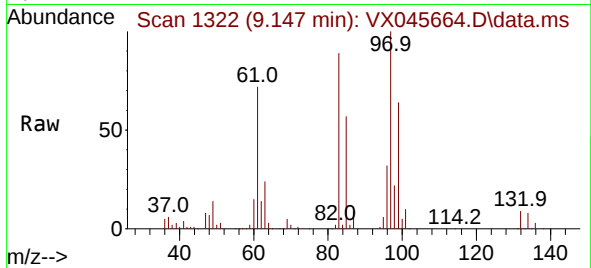
39 62.9 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 51.068 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

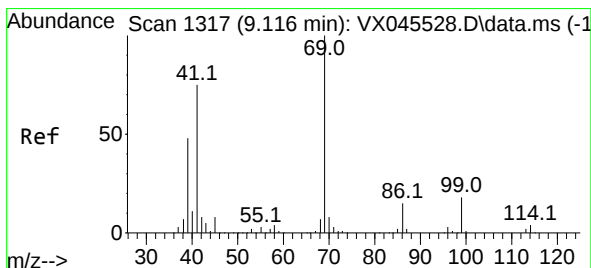
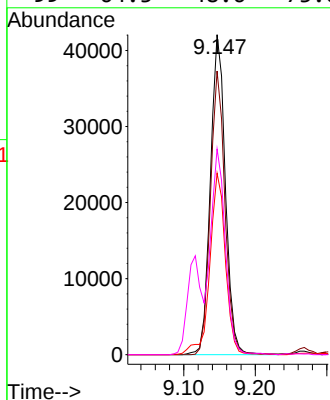
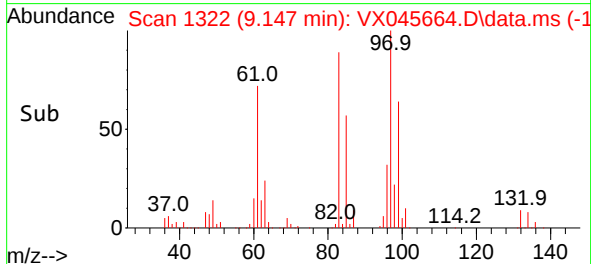
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



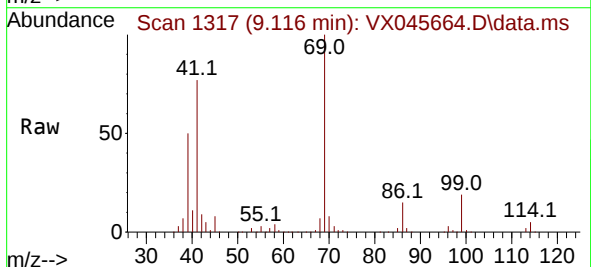
Tgt Ion: 97 Resp: 61409
Ion Ratio Lower Upper
97 100
83 88.6 71.8 107.8
85 56.7 47.0 70.6
99 64.3 48.6 73.0

Manual Integrations
APPROVED

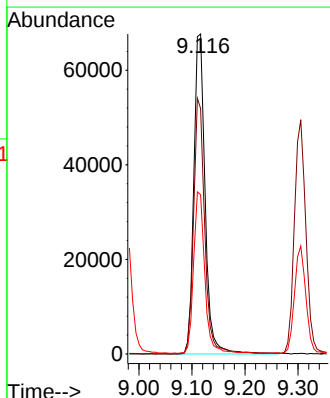
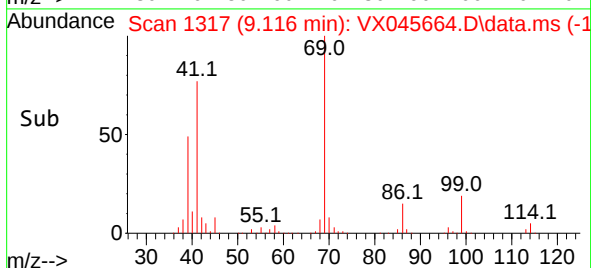
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

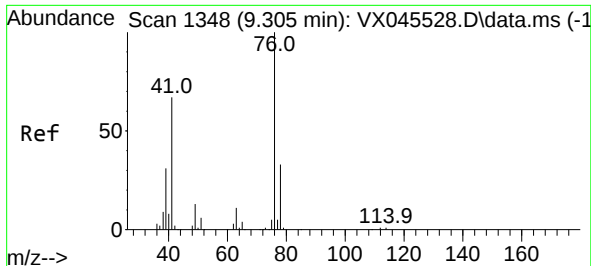


#56
Ethyl methacrylate
Concen: 54.073 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35



Tgt Ion: 69 Resp: 100629
Ion Ratio Lower Upper
69 100
41 78.5 61.3 91.9
39 49.5 40.2 60.2





#57

1,3-Dichloropropane

Concen: 51.377 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10758

Ion Ratio Lower Upper

76 100

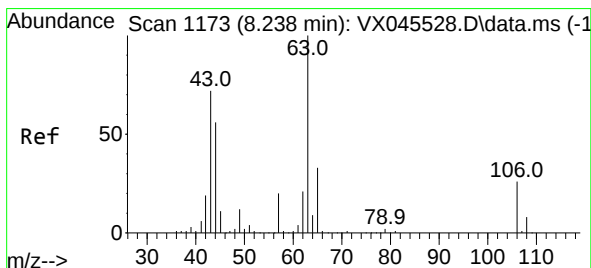
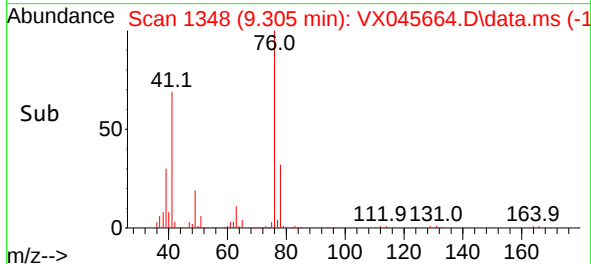
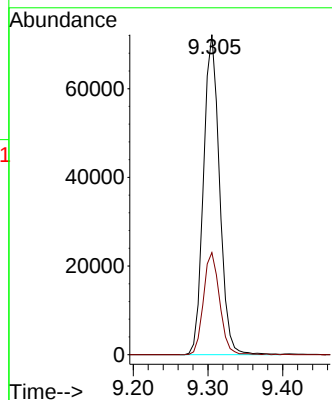
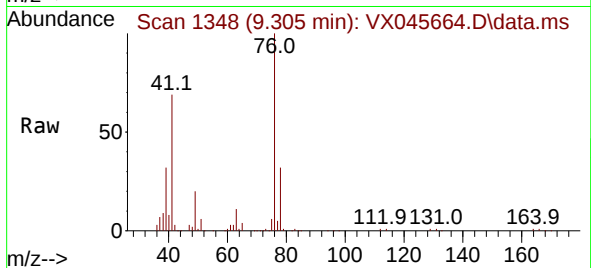
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 323.406 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045664.D

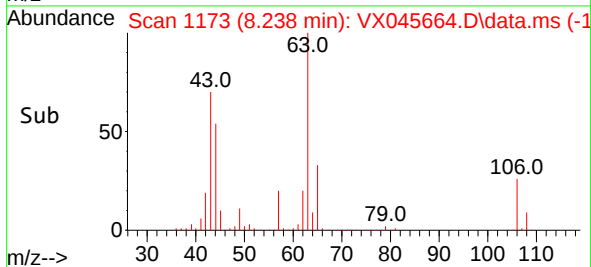
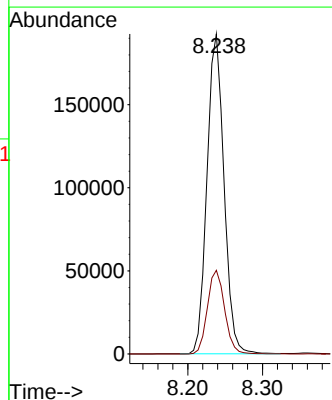
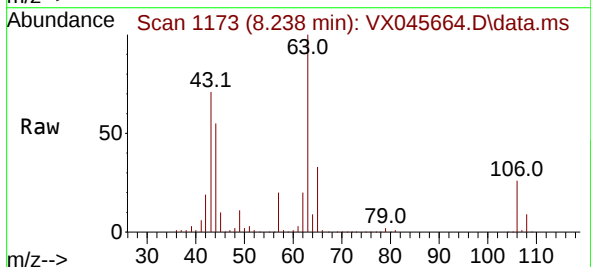
Acq: 09 Apr 2025 10:35

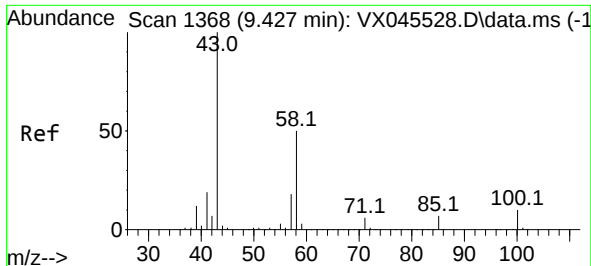
Tgt Ion: 63 Resp: 304462

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.6





#59

2-Hexanone

Concen: 261.752 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 40075

Ion Ratio Lower Upper

43 100

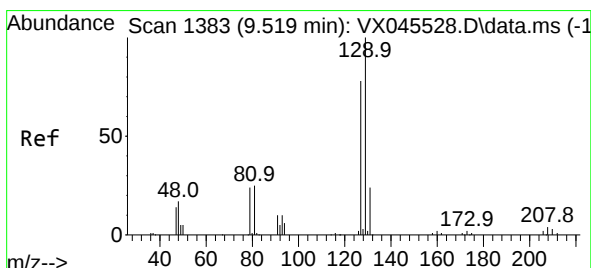
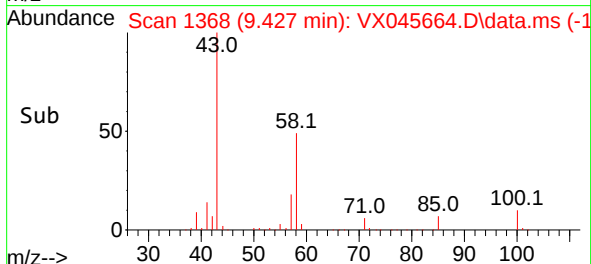
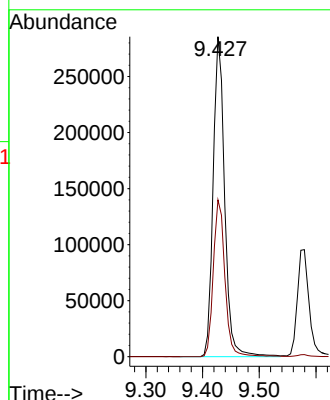
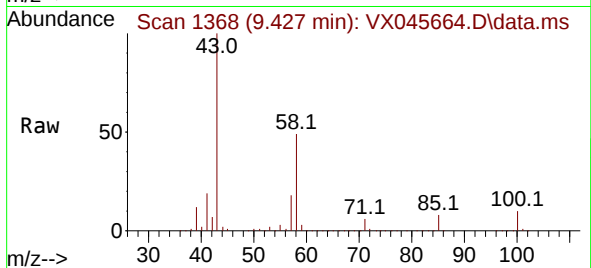
58 49.8 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#60

Dibromochloromethane

Concen: 53.243 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045664.D

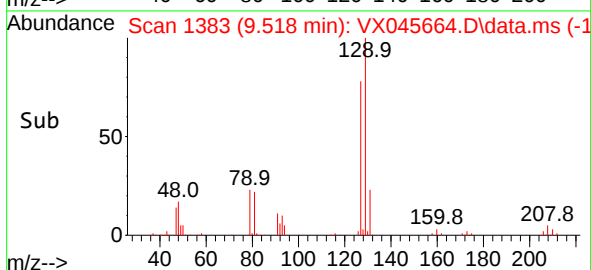
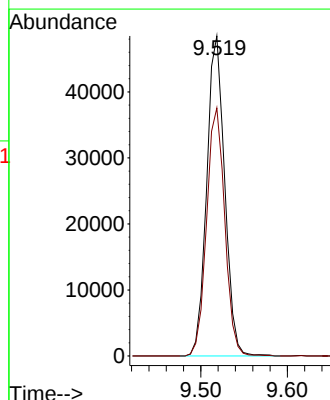
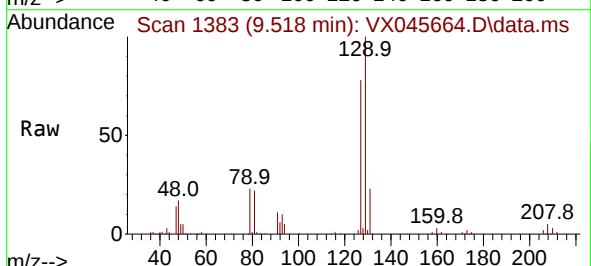
Acq: 09 Apr 2025 10:35

Tgt Ion:129 Resp: 69798

Ion Ratio Lower Upper

129 100

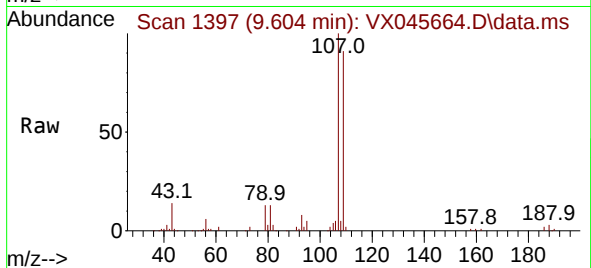
127 78.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 51.914 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

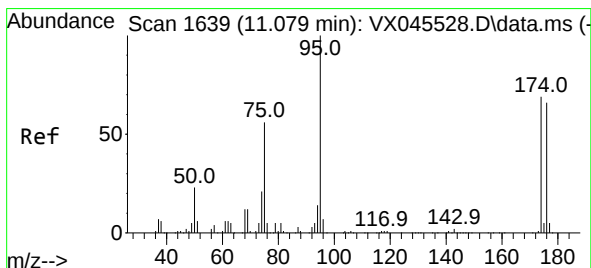
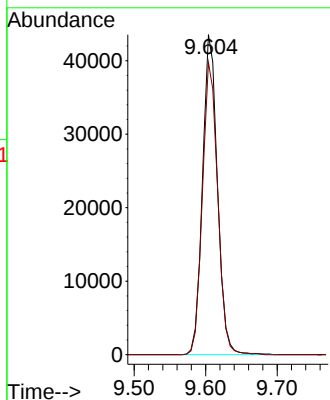
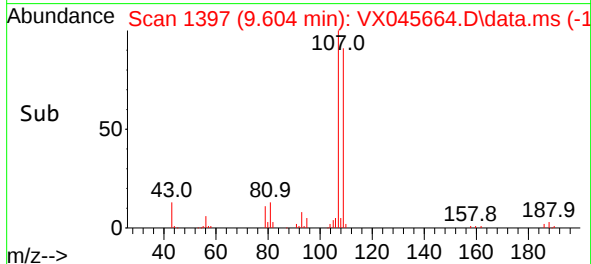
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 63194
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5

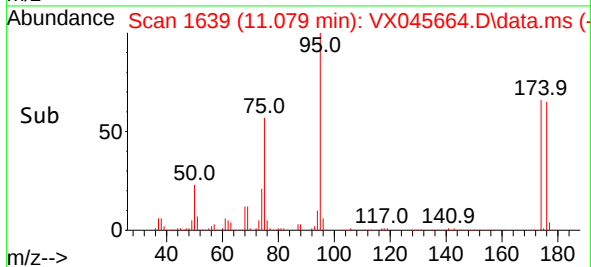
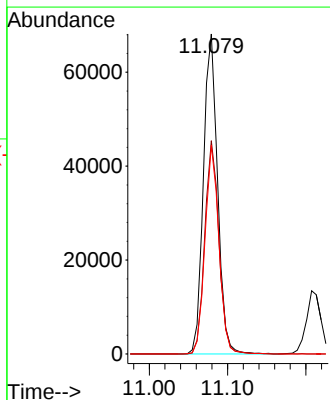
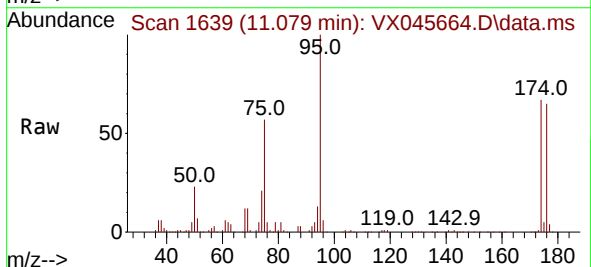
Manual Integrations
APPROVED

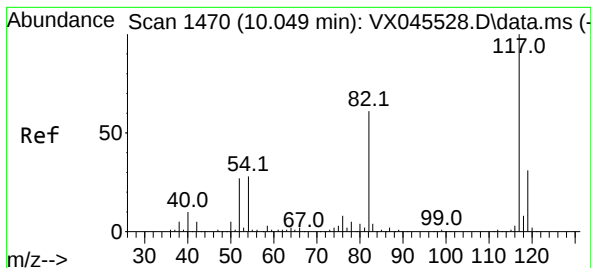
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#62
4-Bromofluorobenzene
Concen: 55.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

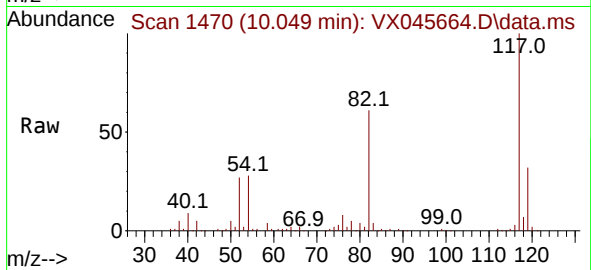
Tgt Ion: 95 Resp: 85383
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 63.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

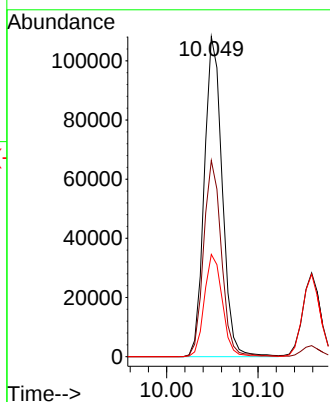
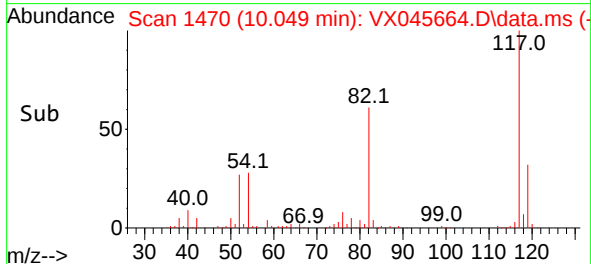
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 147839
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 32.0 25.1 37.7

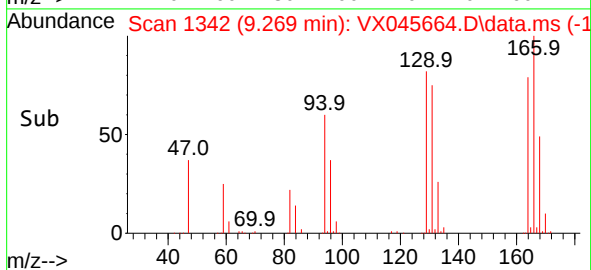
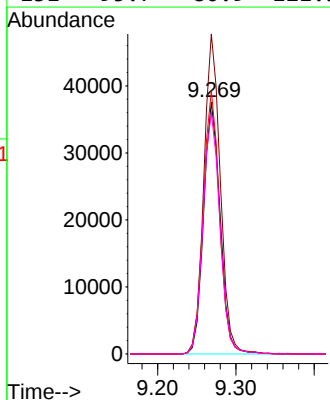
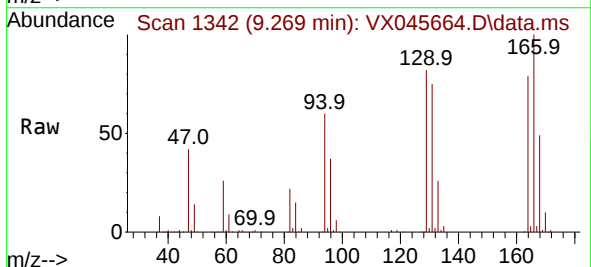
Manual Integrations
APPROVED

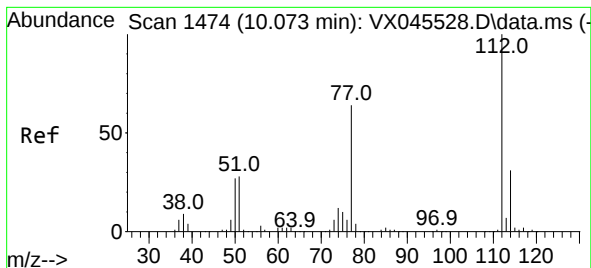
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#64
Tetrachloroethene
Concen: 52.870 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

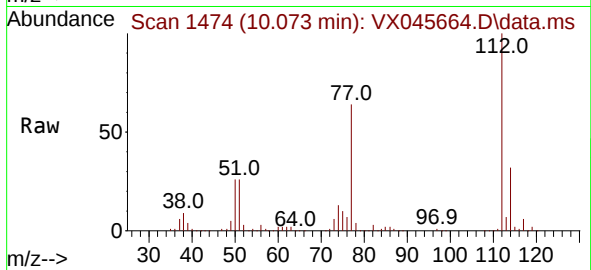
Tgt Ion:164 Resp: 55185
Ion Ratio Lower Upper
164 100
166 127.0 103.8 155.8
129 104.4 84.3 126.5
131 95.7 80.9 121.3





#65
Chlorobenzene
Concen: 52.332 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

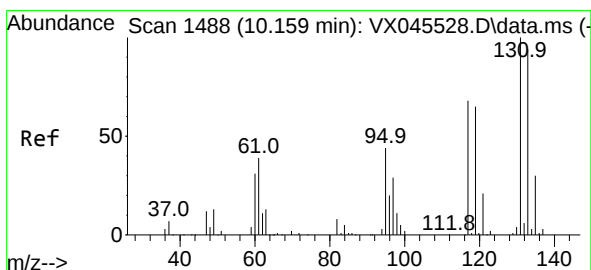
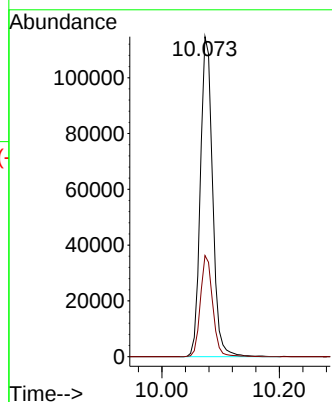
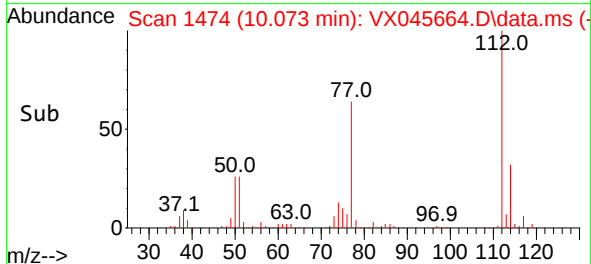
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



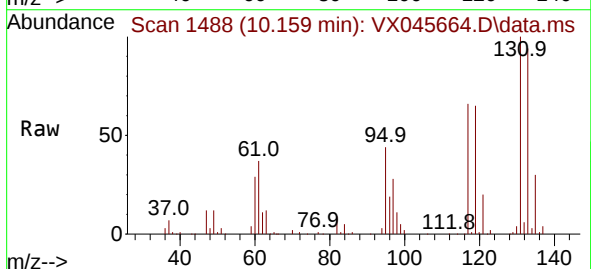
Tgt Ion:112 Resp: 165320
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1

Manual Integrations
APPROVED

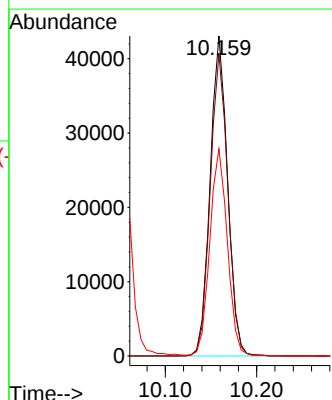
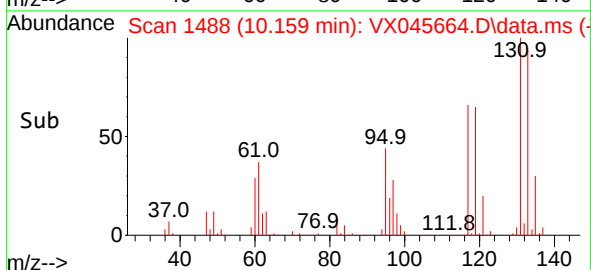
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

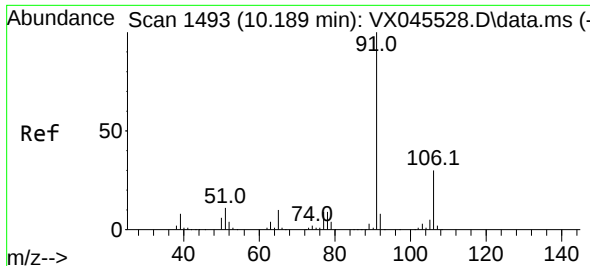


#66
1,1,1,2-Tetrachloroethane
Concen: 51.972 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35



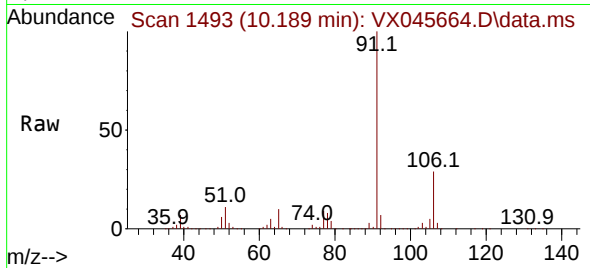
Tgt Ion:131 Resp: 57001
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 65.0 32.9 98.6





#67
Ethyl Benzene
Concen: 53.143 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

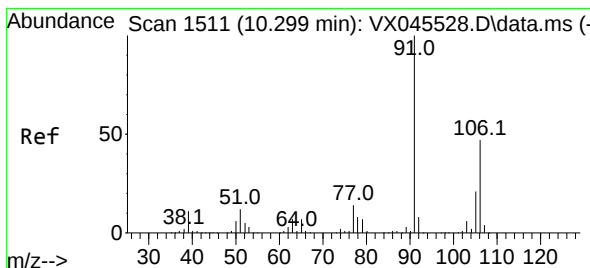
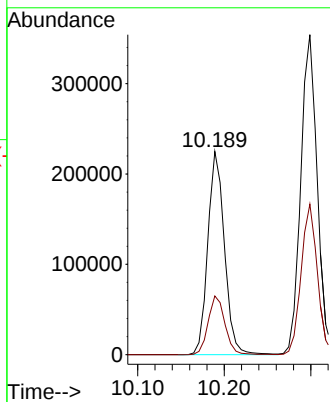
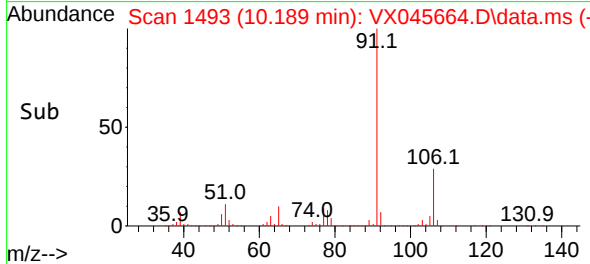
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



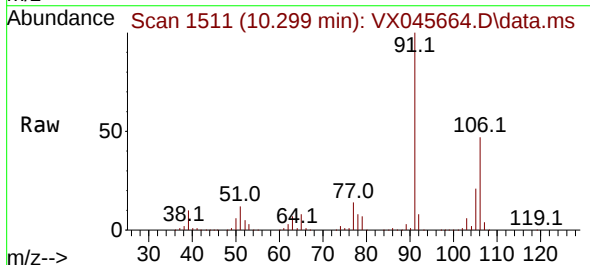
Tgt Ion: 91 Resp: 300672
Ion Ratio Lower Upper
91 100
106 28.9 23.7 35.5

Manual Integrations
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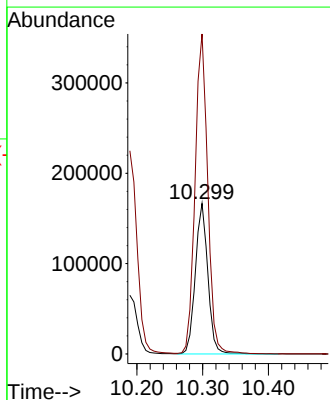
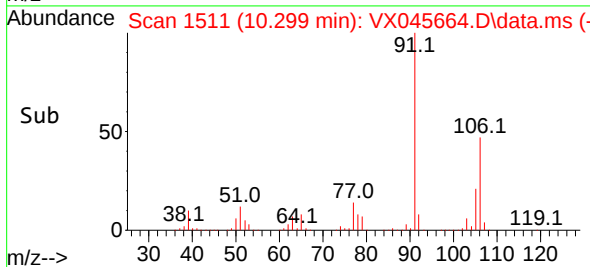
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

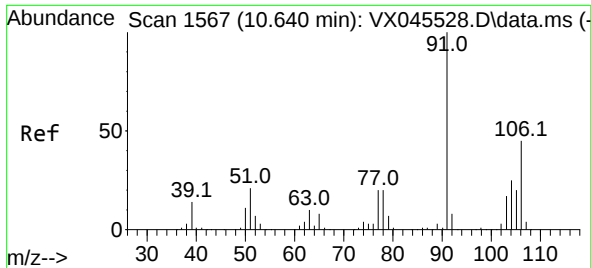


#68
m/p-Xylenes
Concen: 106.594 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35



Tgt Ion:106 Resp: 219352
Ion Ratio Lower Upper
106 100
91 215.4 172.6 258.8





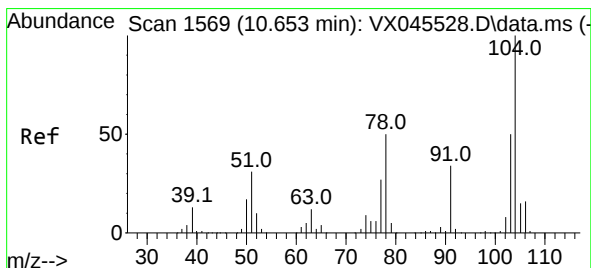
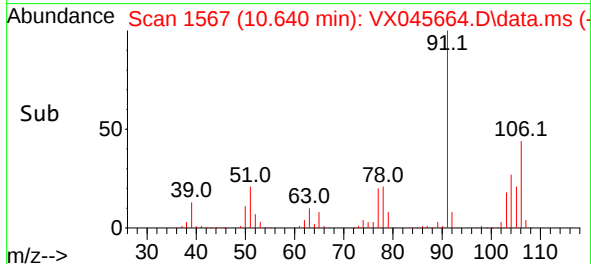
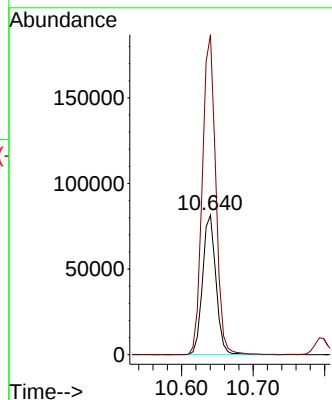
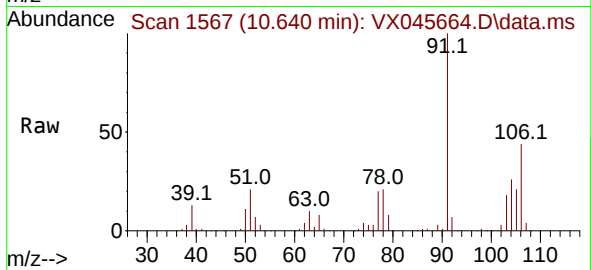
#69
o-Xylene
Concen: 52.190 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 105799
Ion Ratio Lower Upper
106 100
91 231.2 113.6 340.6

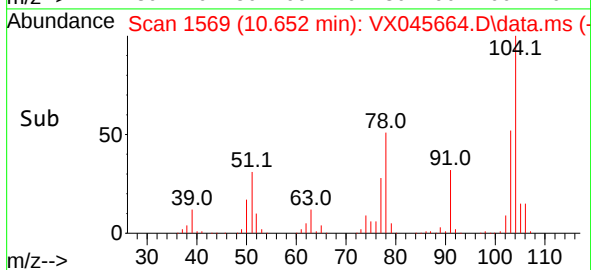
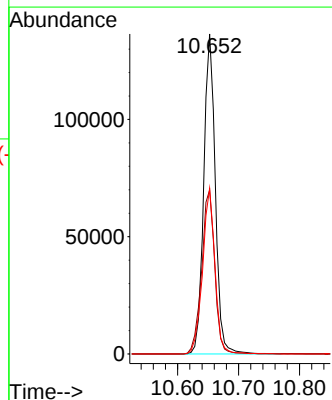
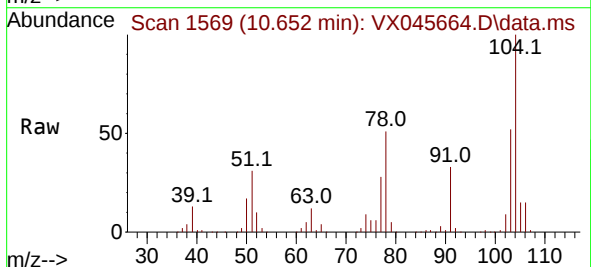
Manual Integrations
APPROVED

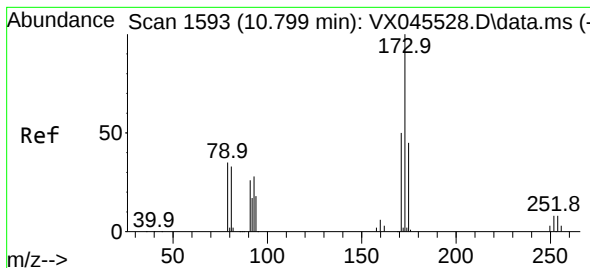
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#70
Styrene
Concen: 54.118 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion:104 Resp: 181071
Ion Ratio Lower Upper
104 100
78 57.7 45.4 68.2
103 55.5 43.8 65.8





#71

Bromoform

Concen: 54.578 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 4469

Ion Ratio Lower Upper

173 100

175 49.0 23.4 70.2

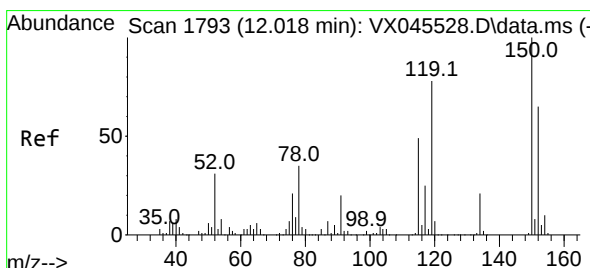
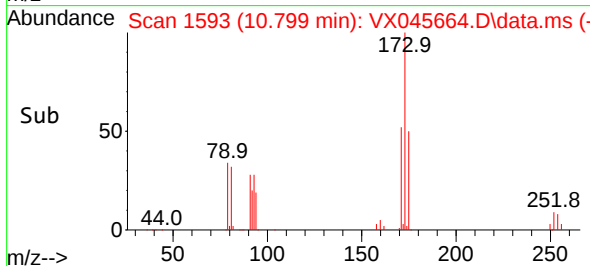
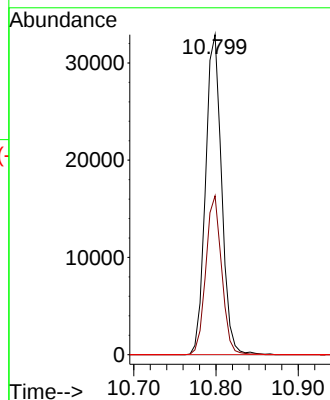
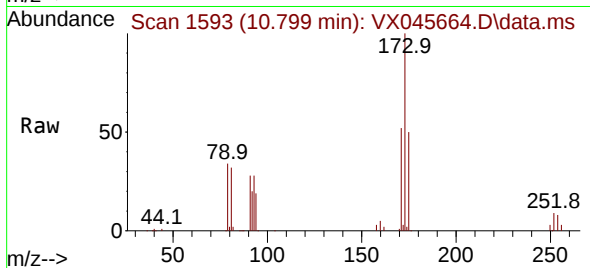
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

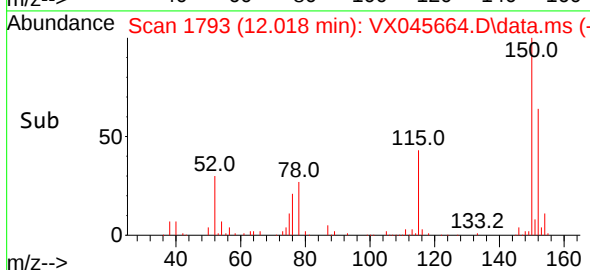
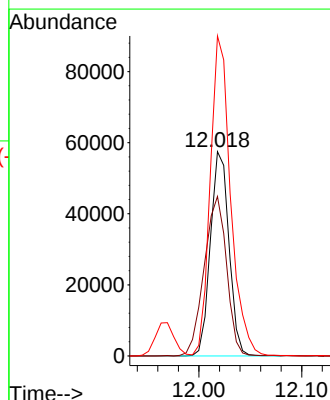
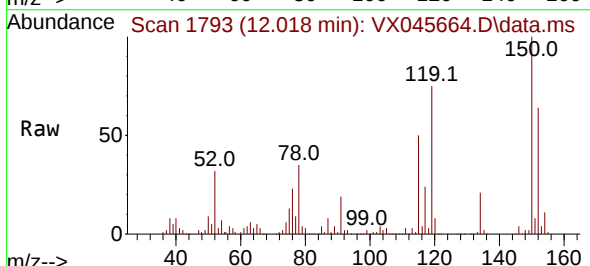
Tgt Ion:152 Resp: 71972

Ion Ratio Lower Upper

152 100

115 94.5 46.9 140.7

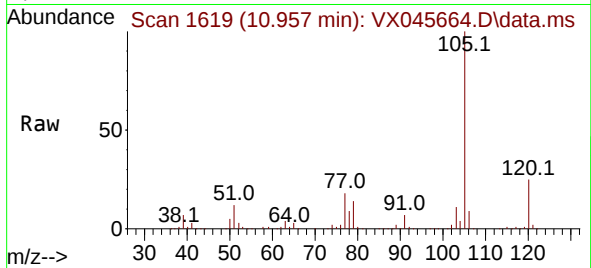
150 172.3 0.0 349.4





#73
Isopropylbenzene
Concen: 49.428 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

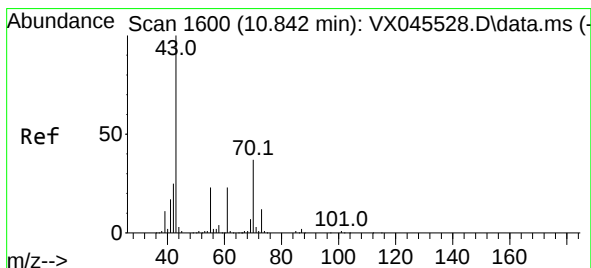
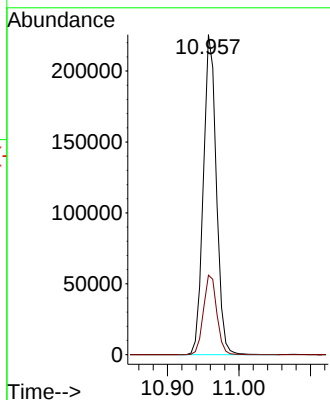
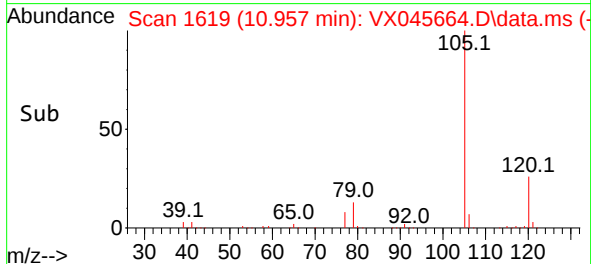
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



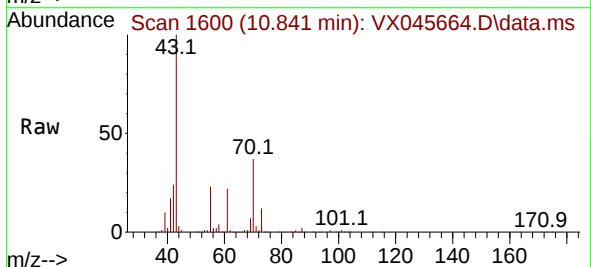
Tgt Ion:105 Resp: 28495
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.0

Manual Integrations
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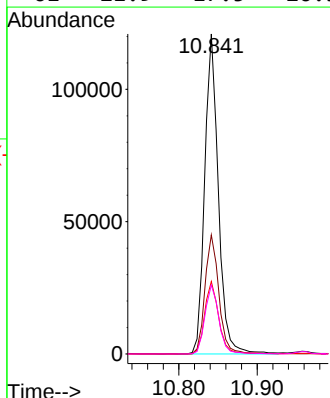
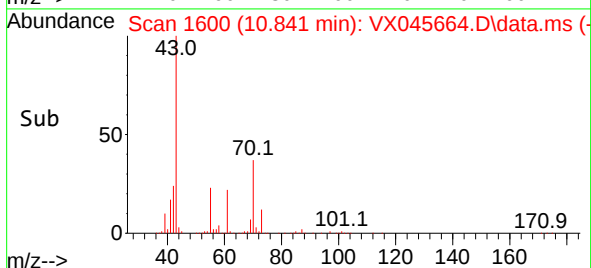
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#74
N-ethyl acetate
Concen: 52.979 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35



Tgt Ion: 43 Resp: 146100
Ion Ratio Lower Upper
43 100
70 37.9 30.1 45.1
55 23.5 18.3 27.5
61 21.9 17.5 26.3





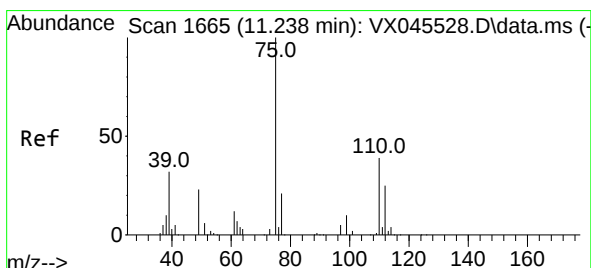
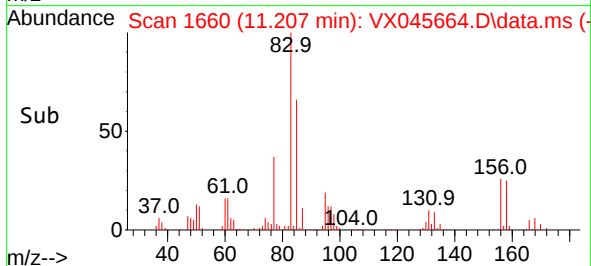
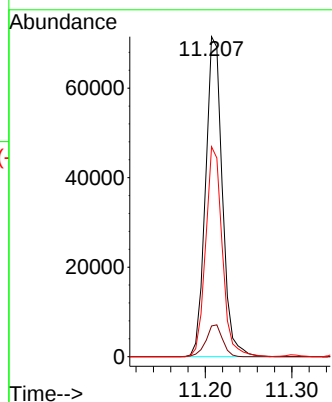
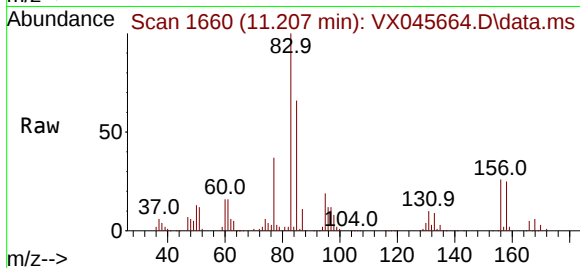
#75
1,1,2,2-Tetrachloroethane
Concen: 47.526 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 96249
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.1
85 64.7 32.4 97.2

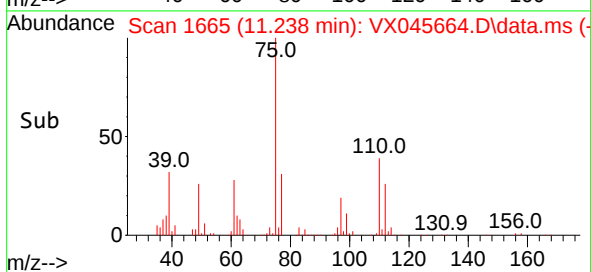
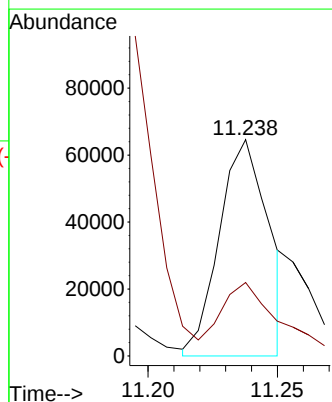
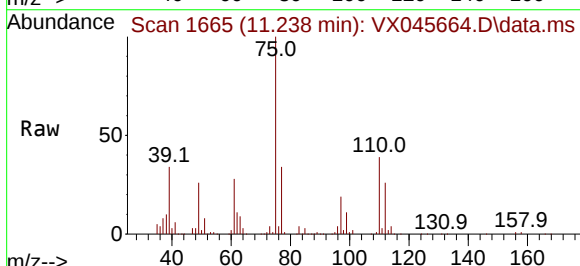
Manual Integrations
APPROVED

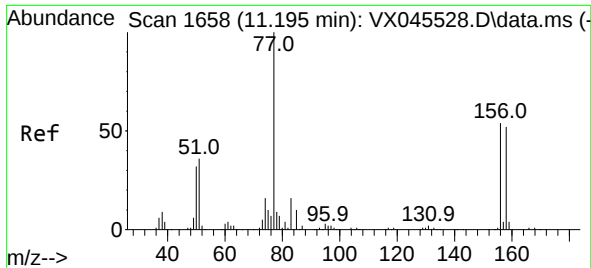
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#76
1,2,3-Trichloropropane
Concen: 48.651 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 75 Resp: 85411
Ion Ratio Lower Upper
75 100
77 40.8 20.0 59.9





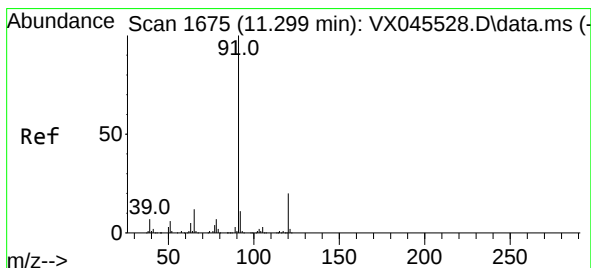
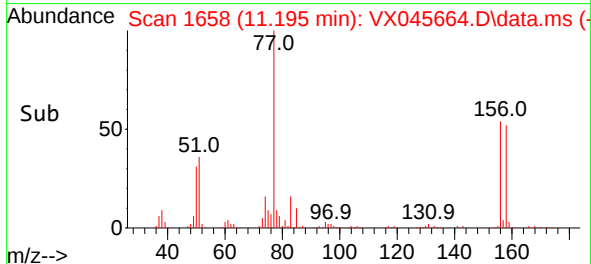
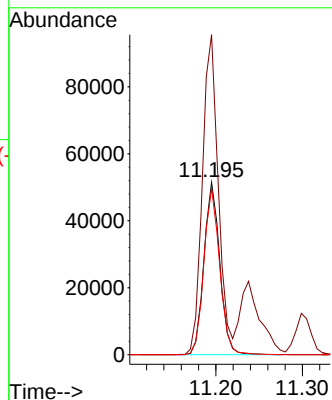
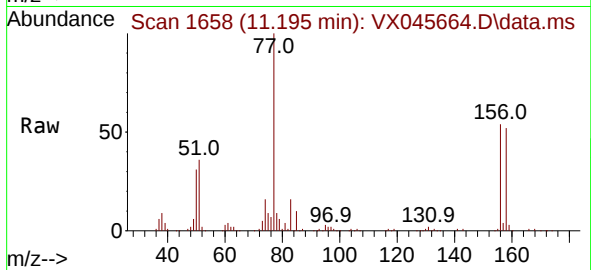
#77
Bromobenzene
Concen: 49.171 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 65498
Ion Ratio Lower Upper
156 100
77 186.1 92.6 277.8
158 96.4 48.1 144.4

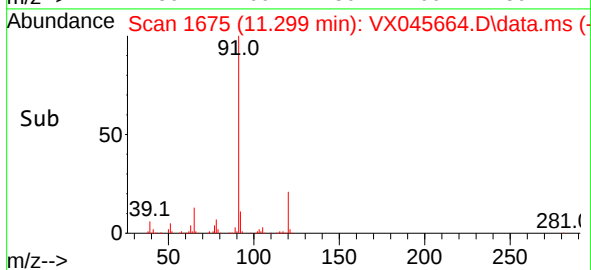
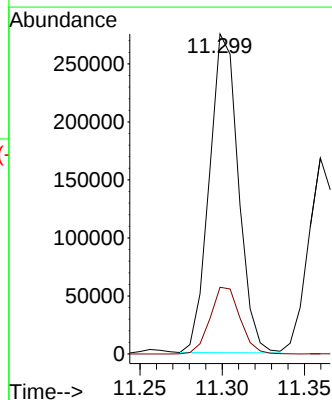
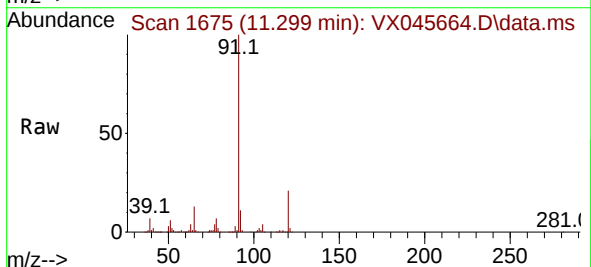
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#78
n-propylbenzene
Concen: 50.914 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 91 Resp: 338085
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





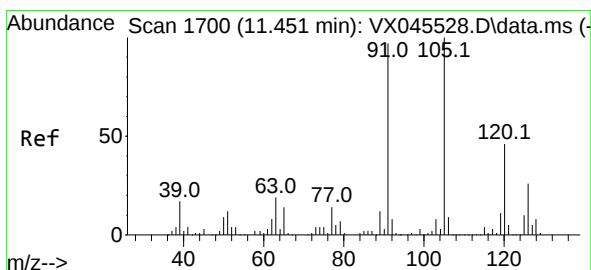
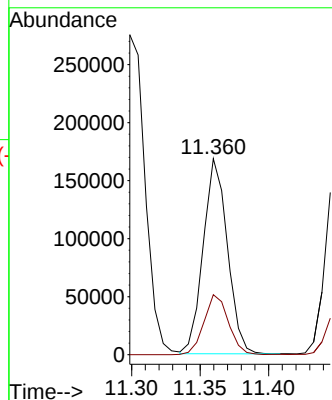
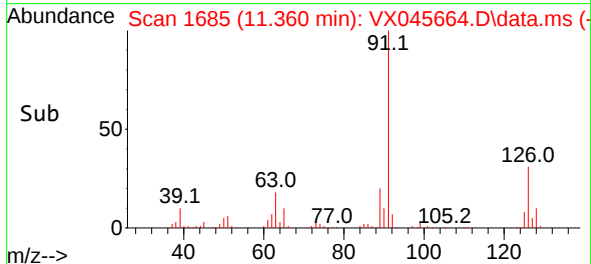
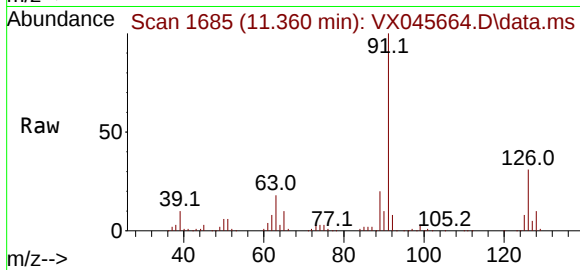
#79
2-Chlorotoluene
Concen: 48.724 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 206840
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4

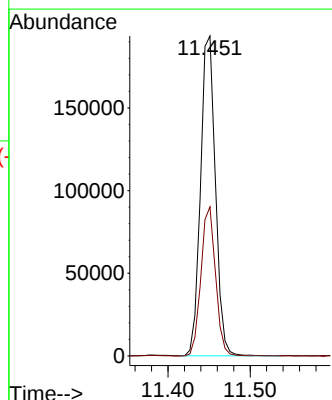
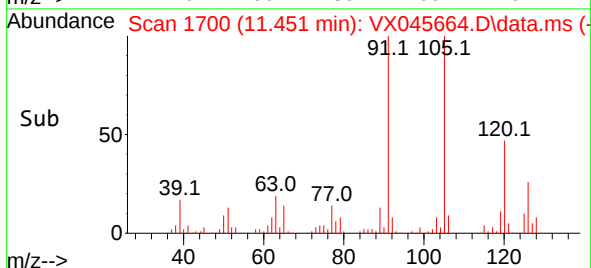
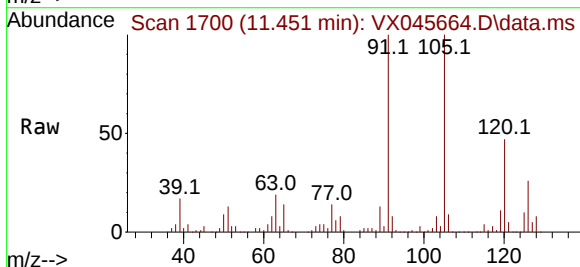
Manual Integrations
APPROVED

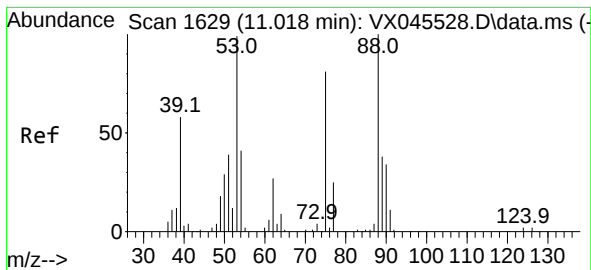
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.048 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion:105 Resp: 243354
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0





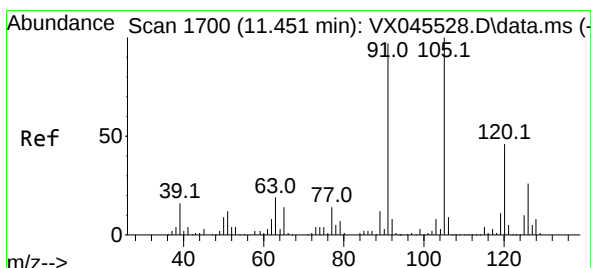
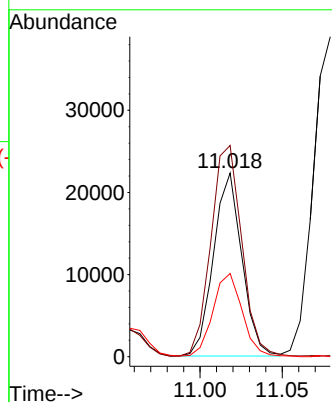
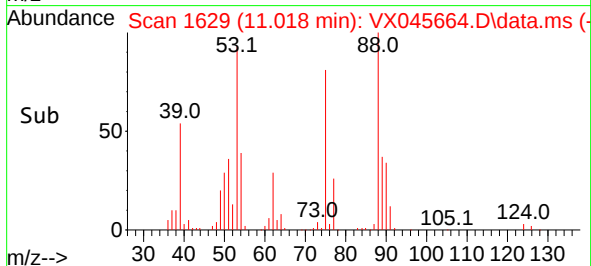
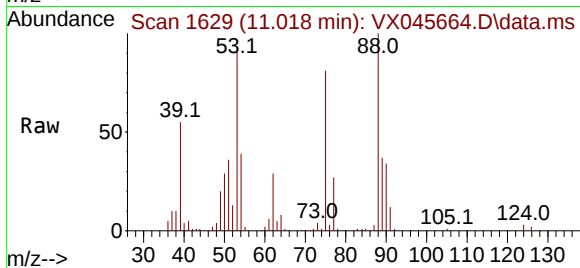
#81
trans-1,4-Dichloro-2-butene
Concen: 51.822 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 26800
Ion Ratio Lower Upper
75 100
53 125.0 101.8 152.6
89 47.0 37.2 55.8

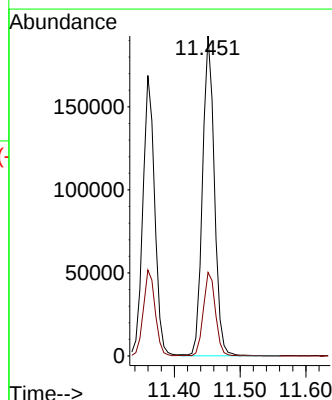
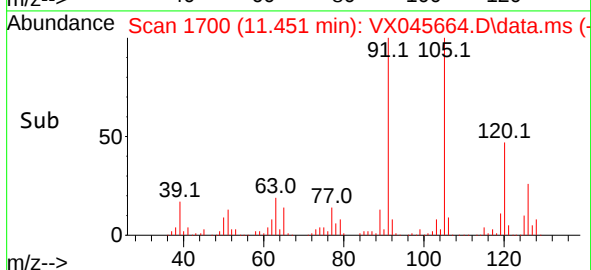
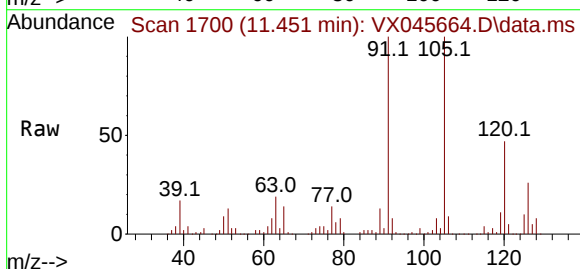
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#82
4-Chlorotoluene
Concen: 50.904 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Tgt Ion: 91 Resp: 240935
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.9





#83

tert-Butylbenzene

Concen: 50.257 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 237194

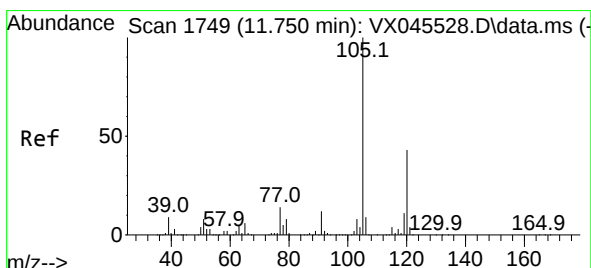
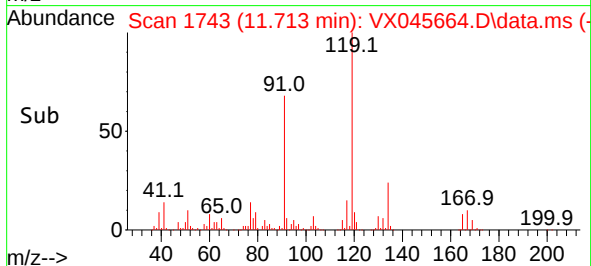
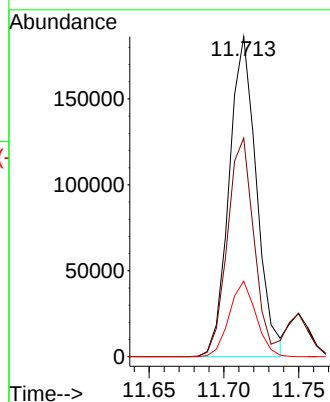
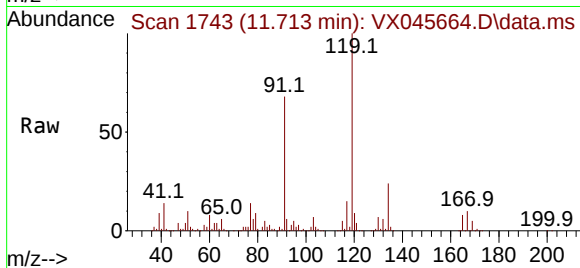
Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.4	97.2
134	23.0	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.990 ug/l

RT: 11.750 min Scan# 1749

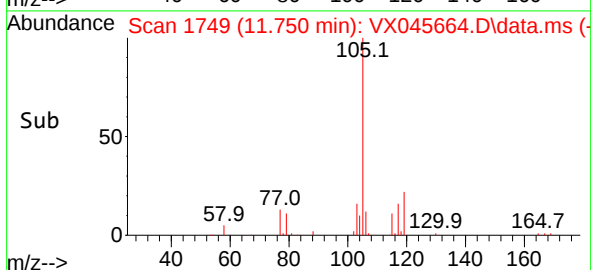
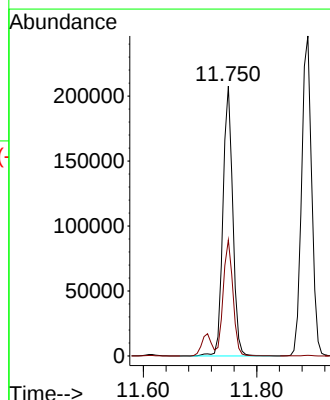
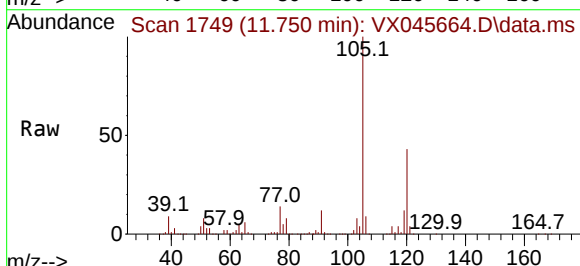
Delta R.T. -0.000 min

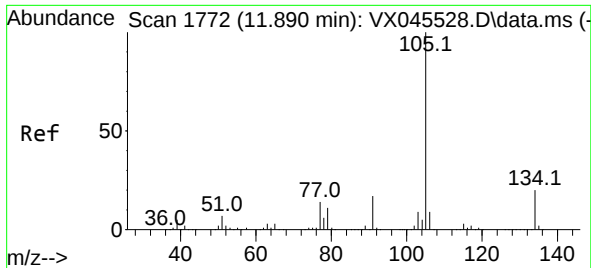
Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Tgt Ion:105 Resp: 248759

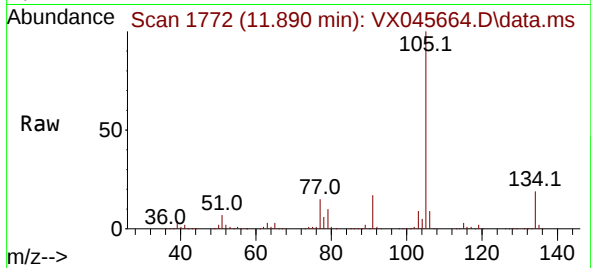
Ion	Ratio	Lower	Upper
105	100		
120	42.8	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 52.168 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045664.D
 Acq: 09 Apr 2025 10:35

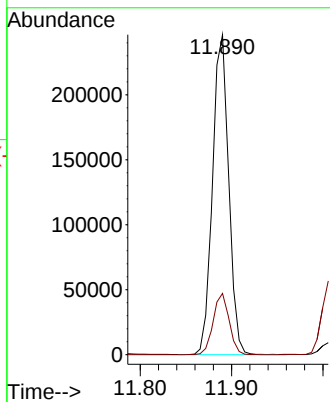
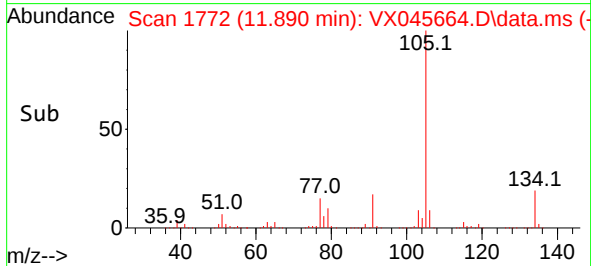
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



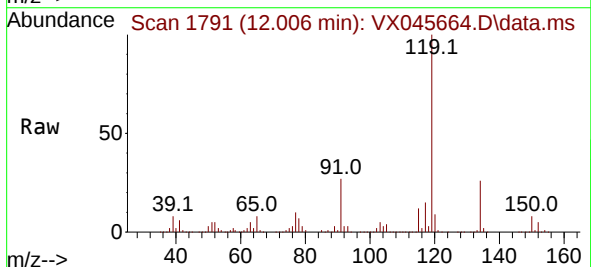
Tgt Ion:105 Resp: 302409
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

Manual Integrations
 APPROVED

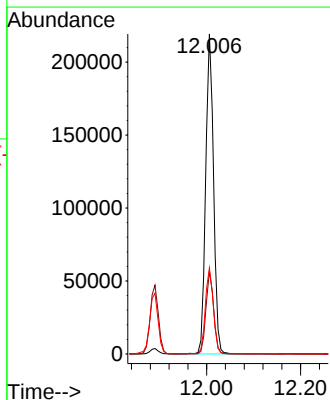
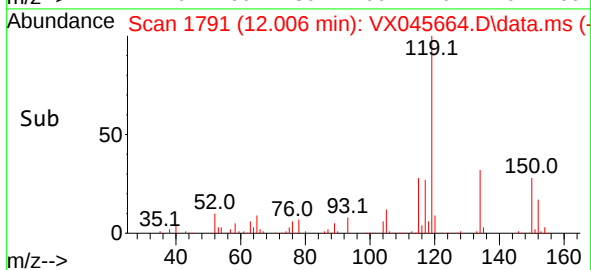
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#86
 p-Isopropyltoluene
 Concen: 52.986 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045664.D
 Acq: 09 Apr 2025 10:35



Tgt Ion:119 Resp: 253229
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.3 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 50.521 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 122497

Ion Ratio Lower Upper

146 100

111 44.1 22.2 66.6

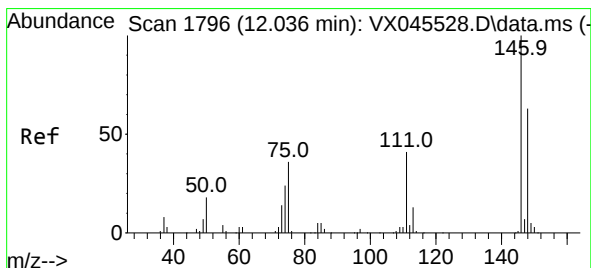
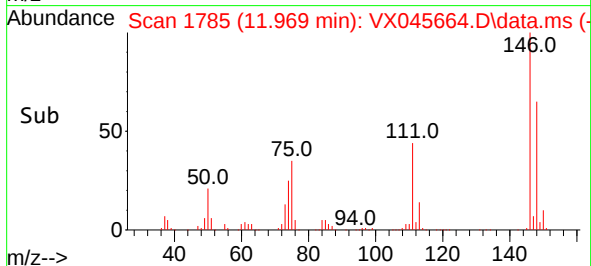
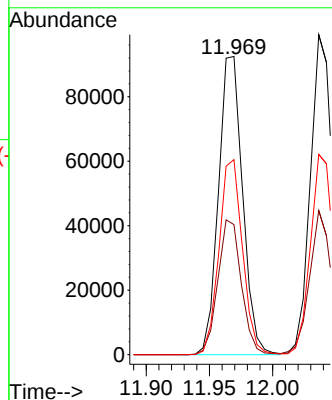
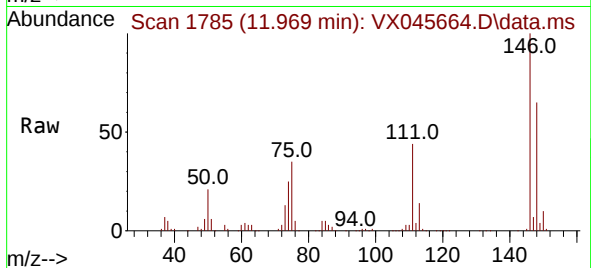
148 63.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#88

1,4-Dichlorobenzene

Concen: 49.477 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

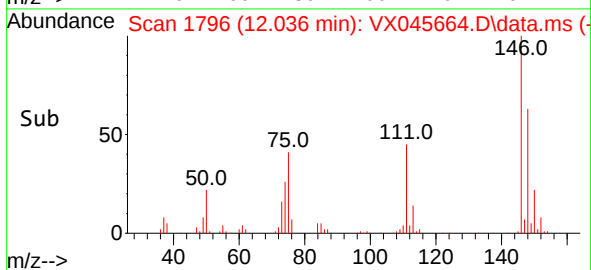
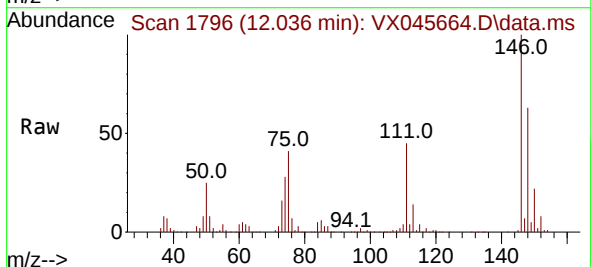
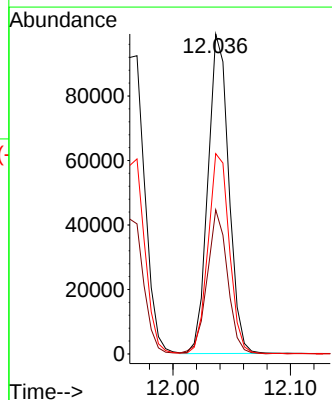
Tgt Ion:146 Resp: 121623

Ion Ratio Lower Upper

146 100

111 43.8 20.9 62.8

148 64.8 31.5 94.5





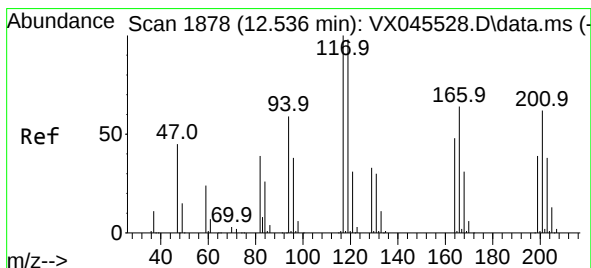
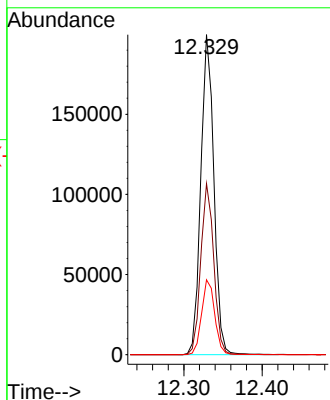
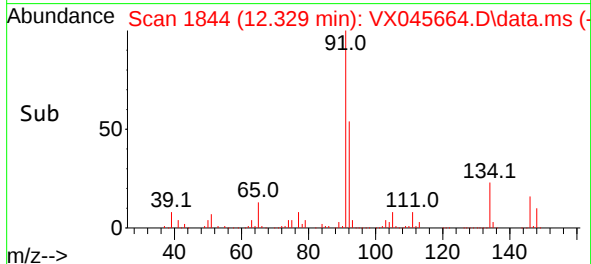
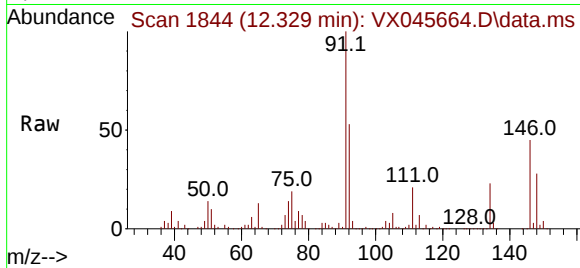
#89
n-Butylbenzene
Concen: 55.821 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 23133
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 23.6 11.9 35.7

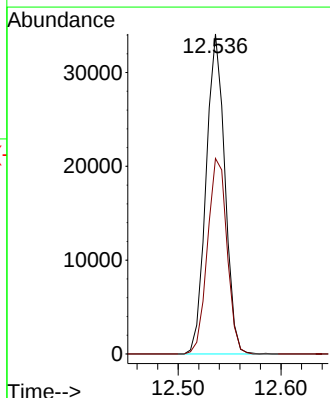
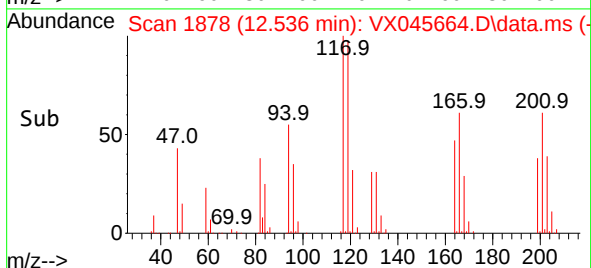
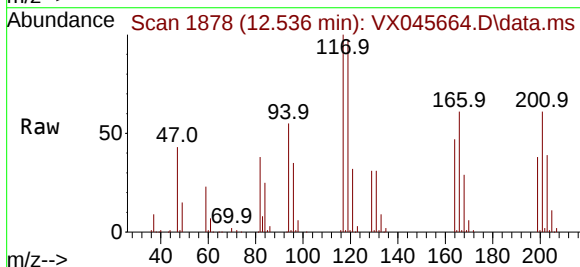
Manual Integrations
APPROVED

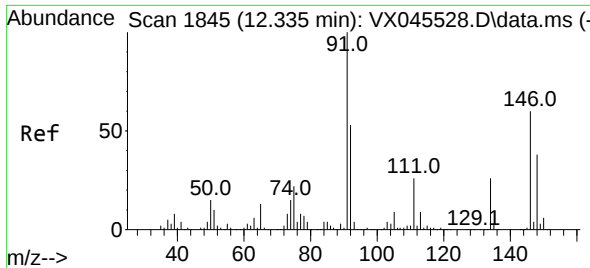
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#90
Hexachloroethane
Concen: 52.576 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

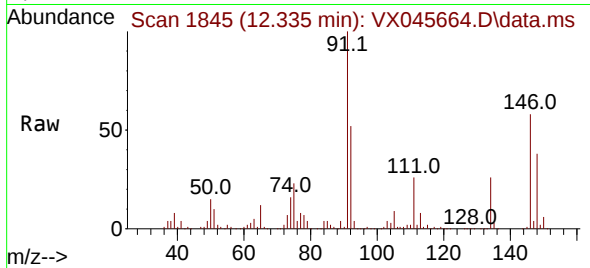
Tgt Ion:117 Resp: 43183
Ion Ratio Lower Upper
117 100
201 63.6 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 50.878 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

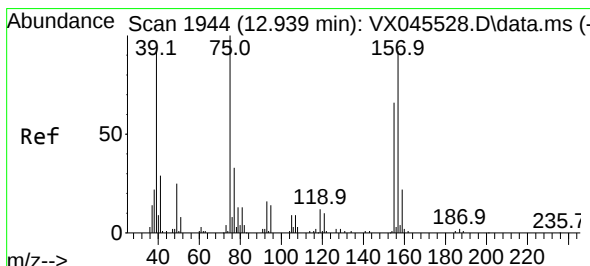
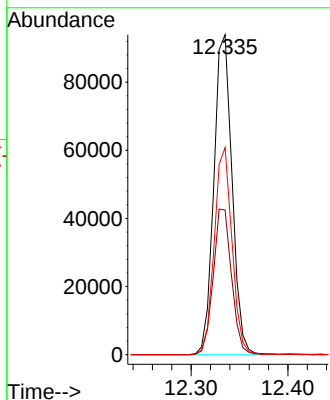
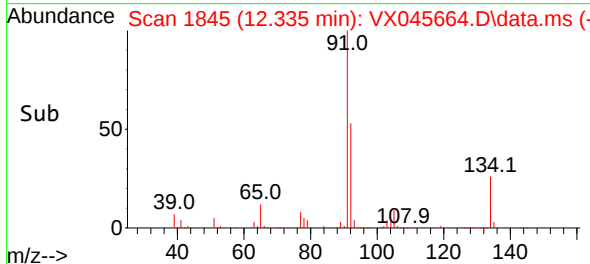
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



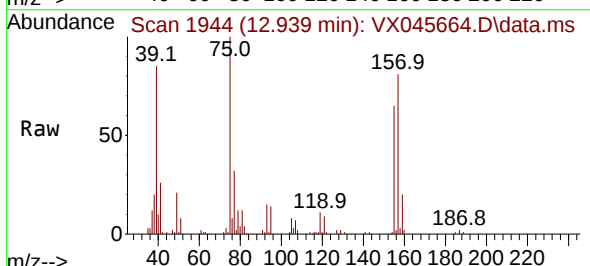
Tgt Ion:146 Resp: 122650
Ion Ratio Lower Upper
146 100
111 46.0 22.9 68.8
148 63.1 31.9 95.5

Manual Integrations
APPROVED

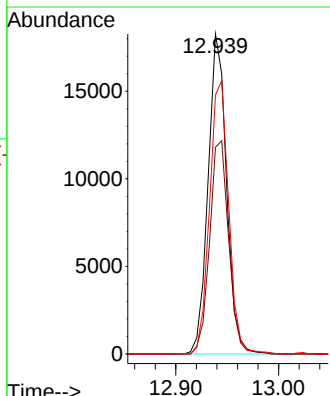
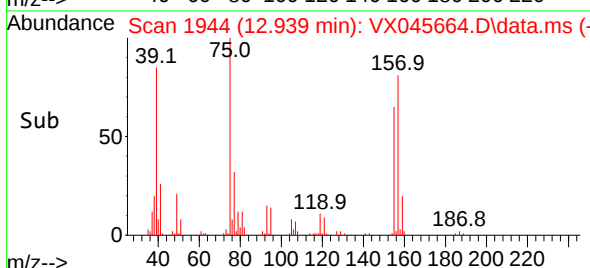
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.721 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35



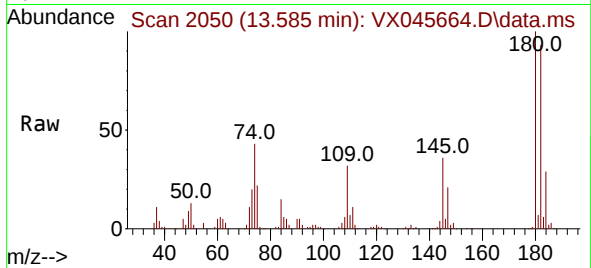
Tgt Ion: 75 Resp: 22753
Ion Ratio Lower Upper
75 100
155 69.0 34.9 104.7
157 88.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 54.462 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35

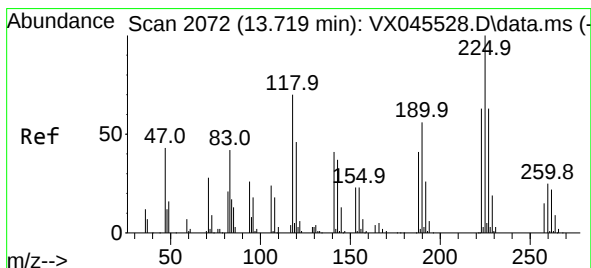
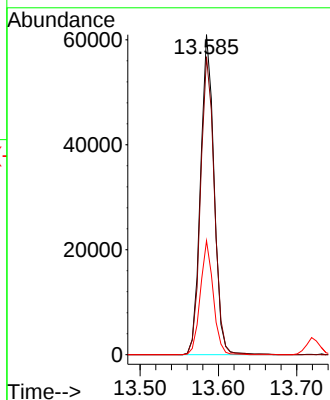
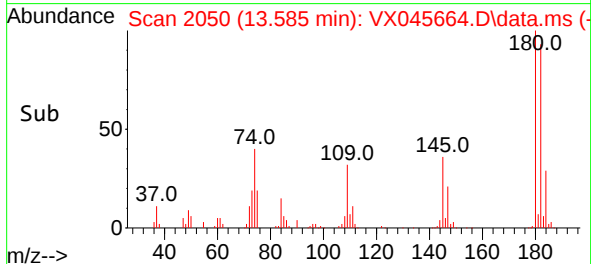
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



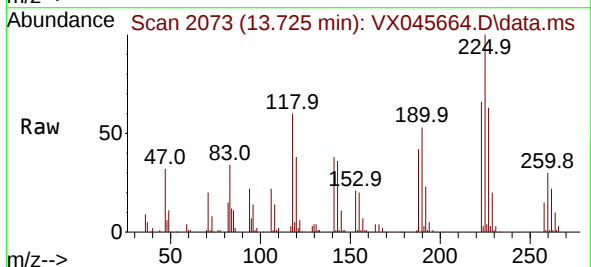
Tgt Ion:180 Resp: 73080
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 33.9 17.9 53.8

Manual Integrations
APPROVED

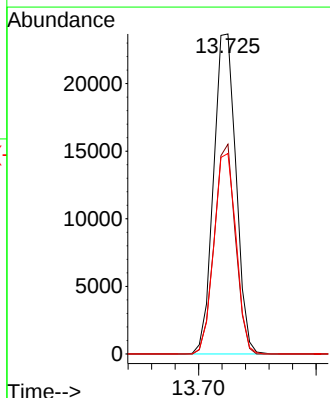
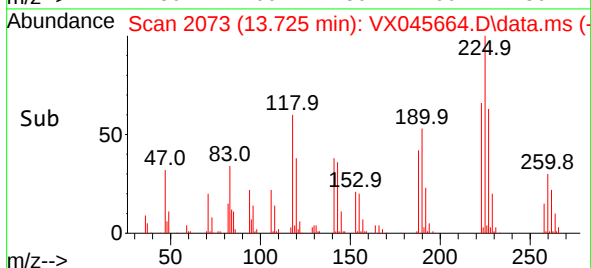
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

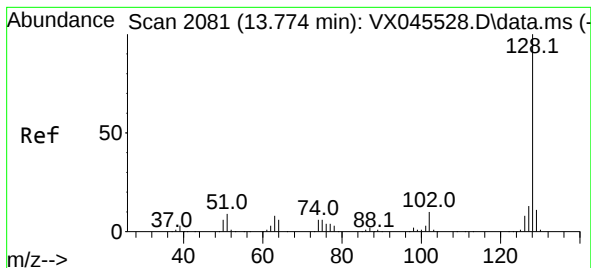


#94
Hexachlorobutadiene
Concen: 54.285 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045664.D
Acq: 09 Apr 2025 10:35



Tgt Ion:225 Resp: 31389
Ion Ratio Lower Upper
225 100
223 61.9 31.1 93.3
227 61.9 32.2 96.6





#95

Naphthalene

Concen: 53.094 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

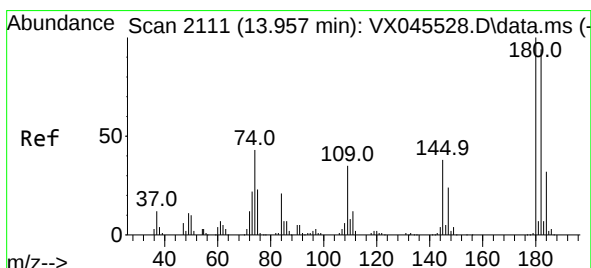
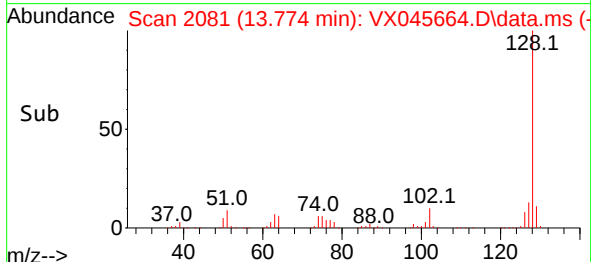
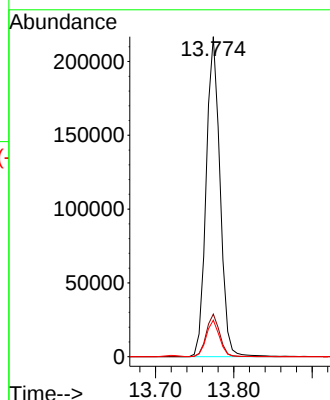
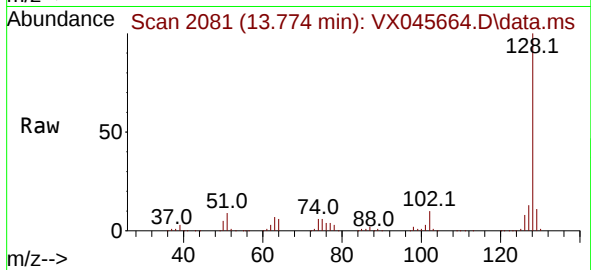
Tgt Ion:128 Resp: 26512
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.232 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045664.D

Acq: 09 Apr 2025 10:35

Tgt Ion:180 Resp: 73391
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 141.8
 145 36.7 18.2 54.6

