

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045667.D
 Acq On : 09 Apr 2025 11:49
 Operator : JC/MD
 Sample : VX0409WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 10 01:33:49 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	94074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92053	53.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.020%			
35) Dibromofluoromethane	5.379	113	63174	54.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.020%			
50) Toluene-d8	8.647	98	214655	53.060	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.120%			
62) 4-Bromofluorobenzene	11.079	95	77473	52.574	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28296	20.113	ug/l	99
3) Chloromethane	1.301	50	27094	18.746	ug/l	96
4) Vinyl Chloride	1.374	62	24425	18.466	ug/l	98
5) Bromomethane	1.593	94	11395	18.169	ug/l	98
6) Chloroethane	1.672	64	14346	20.443	ug/l	100
7) Trichlorofluoromethane	1.880	101	38861	19.702	ug/l	96
8) Diethyl Ether	2.130	74	12161	18.364	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	23620	20.436	ug/l	95
10) Methyl Iodide	2.447	142	26699	18.520	ug/l	98
11) Tert butyl alcohol	2.965	59	22380	96.798	ug/l	97
12) 1,1-Dichloroethene	2.313	96	20770	18.391	ug/l	96
13) Acrolein	2.233	56	25659	80.591	ug/l	99
14) Allyl chloride	2.660	41	41579	19.404	ug/l	98
15) Acrylonitrile	3.062	53	68147	93.374	ug/l	99
16) Acetone	2.380	43	65896	93.280	ug/l	95
17) Carbon Disulfide	2.508	76	46029	16.502	ug/l	99
18) Methyl Acetate	2.703	43	32926	20.244	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	76110	19.265	ug/l	100
20) Methylene Chloride	2.782	84	24229	18.320	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	21257	18.424	ug/l	97
22) Diisopropyl ether	3.757	45	79613	18.861	ug/l #	83
23) Vinyl Acetate	3.721	43	345218	94.659	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45684	19.137	ug/l	99
25) 2-Butanone	4.556	43	97809	94.586	ug/l	98
26) 2,2-Dichloropropane	4.471	77	32813	21.275	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26125	18.585	ug/l	97
28) Bromochloromethane	4.891	49	22802	19.766	ug/l	99
29) Tetrahydrofuran	5.007	42	62847	93.742	ug/l	99
30) Chloroform	5.086	83	47524	19.348	ug/l	98
31) Cyclohexane	5.458	56	39121	18.537	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	39802	19.150	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30850	19.713	ug/l	98
37) Ethyl Acetate	4.715	43	35720	18.112	ug/l	99
38) Carbon Tetrachloride	5.666	117	33982	20.092	ug/l	96
39) Methylcyclohexane	7.373	83	37396	19.494	ug/l	95
40) Benzene	6.031	78	92251	19.301	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21224	20.397	ug/l	97
42) 1,2-Dichloroethane	6.086	62	40264	20.397	ug/l	99
43) Isopropyl Acetate	6.336	43	57645	19.285	ug/l	100
44) Trichloroethene	7.123	130	21805	19.194	ug/l	97
45) 1,2-Dichloropropane	7.428	63	23339	19.571	ug/l	100
46) Dibromomethane	7.580	93	17802	19.446	ug/l	98
47) Bromodichloromethane	7.818	83	35828	19.598	ug/l	98
48) Methyl methacrylate	7.690	41	30321	19.647	ug/l	99
49) 1,4-Dioxane	7.659	88	11977	428.937	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	200067	100.967	ug/l	99
52) Toluene	8.714	92	55913	19.333	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30206	18.684	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	34931	20.333	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	22964	19.926	ug/l	96
56) Ethyl methacrylate	9.116	69	35297	19.790	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39607	19.736	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	88591	98.189	ug/l	100
59) 2-Hexanone	9.427	43	148084	100.919	ug/l	99
60) Dibromochloromethane	9.519	129	24830	19.763	ug/l	98
61) 1,2-Dibromoethane	9.604	107	23143	19.837	ug/l	99
64) Tetrachloroethene	9.269	164	20900	20.935	ug/l	98
65) Chlorobenzene	10.073	112	61480	20.348	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20527	19.568	ug/l	99
67) Ethyl Benzene	10.189	91	108358	20.024	ug/l	98
68) m/p-Xylenes	10.299	106	79752	40.521	ug/l	99
69) o-Xylene	10.640	106	39137	20.186	ug/l	99
70) Styrene	10.653	104	64826	20.258	ug/l	98
71) Bromoform	10.799	173	15275	19.502	ug/l #	100
73) Isopropylbenzene	10.957	105	104506	20.330	ug/l	99
74) N-amyl acetate	10.842	43	49023	19.937	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	35954	19.910	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31590m	20.180	ug/l	
77) Bromobenzene	11.195	156	24141	20.325	ug/l	98
78) n-propylbenzene	11.299	91	120369	20.329	ug/l	100
79) 2-Chlorotoluene	11.360	91	74998	19.813	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	88053	20.715	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8674	18.806	ug/l	95
82) 4-Chlorotoluene	11.451	91	86832	20.575	ug/l	100
83) tert-Butylbenzene	11.713	119	84807	20.152	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86160	20.195	ug/l	99
85) sec-Butylbenzene	11.890	105	106901	20.682	ug/l	100
86) p-Isopropyltoluene	12.006	119	86083	20.201	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42896	19.841	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	43700	19.938	ug/l	97
89) n-Butylbenzene	12.329	91	74429	20.141	ug/l	99
90) Hexachloroethane	12.536	117	14599	19.934	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	44205	20.565	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7722	20.447	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	22901	19.140	ug/l	99
94) Hexachlorobutadiene	13.725	225	10679	20.712	ug/l	98
95) Naphthalene	13.774	128	87230	19.591	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	24734	19.742	ug/l	99

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Instrument :
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ClientSampleId :
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QLast Update : Wed Apr 02 03:11:43 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

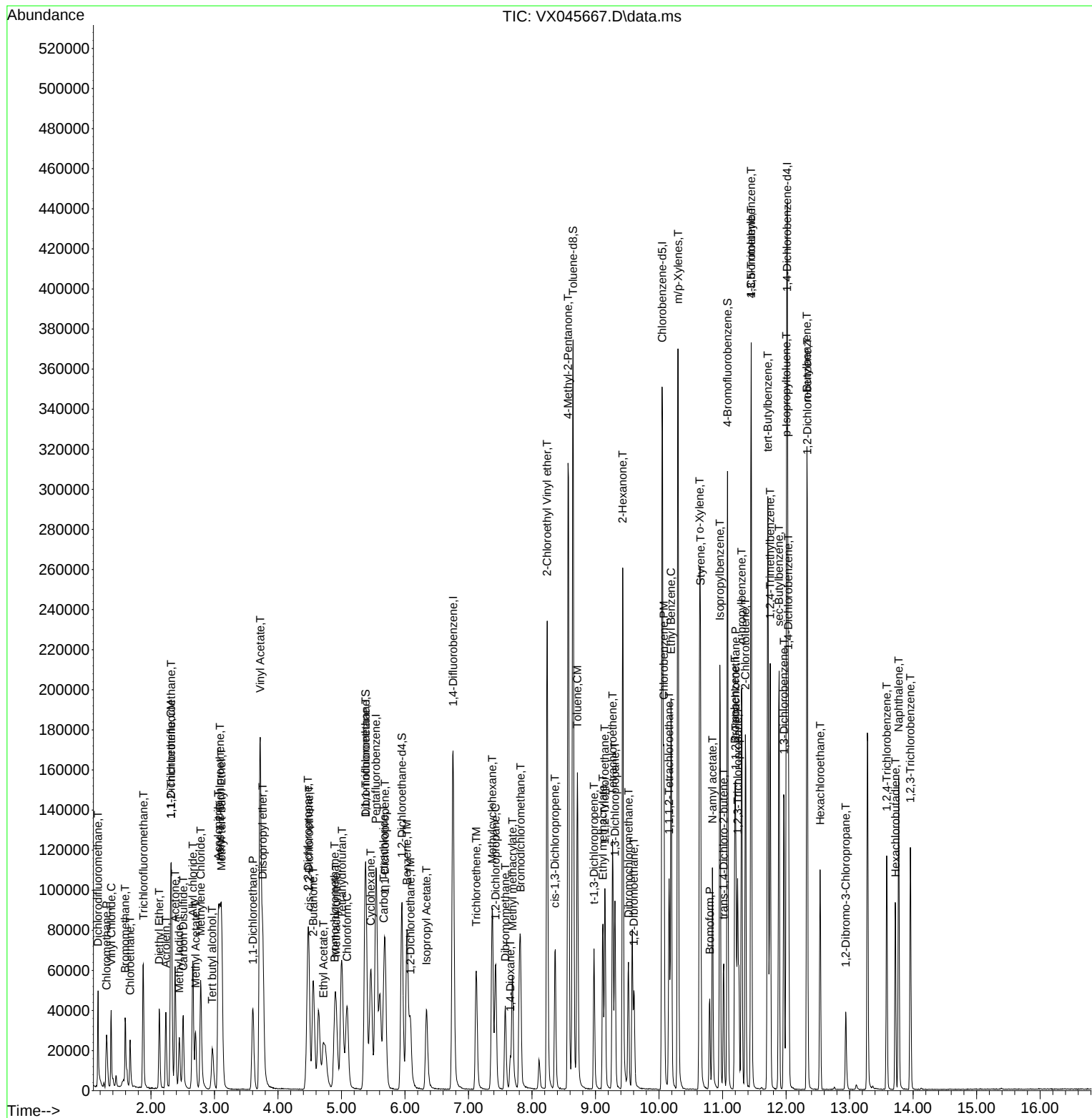
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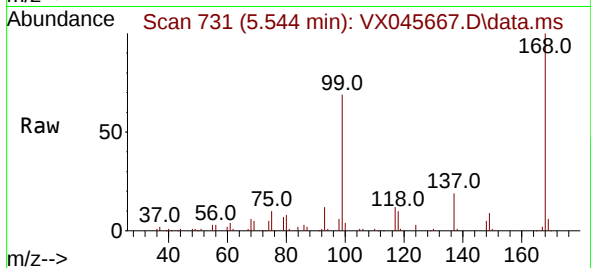
Reviewed By : John Carlone 04/10/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

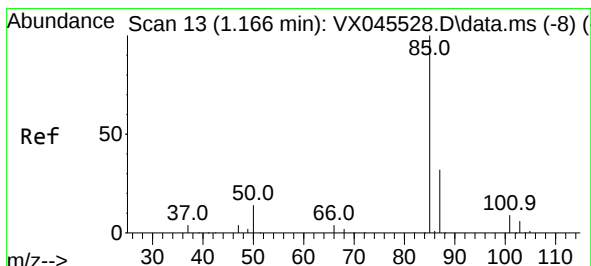
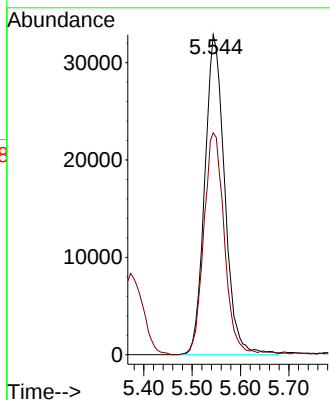
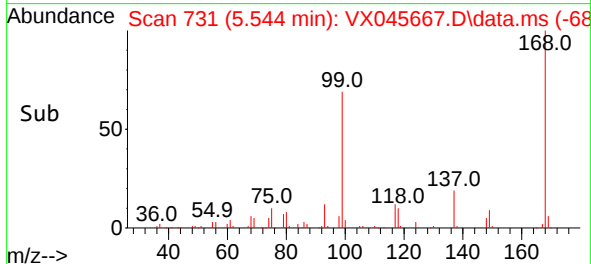
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion:168 Resp: 94074
Ion Ratio Lower Upper
168 100
99 69.4 52.3 78.5

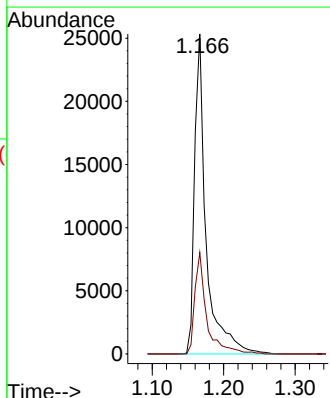
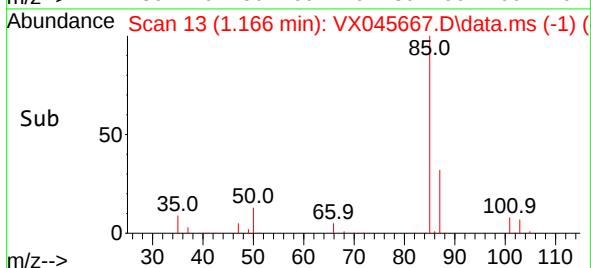
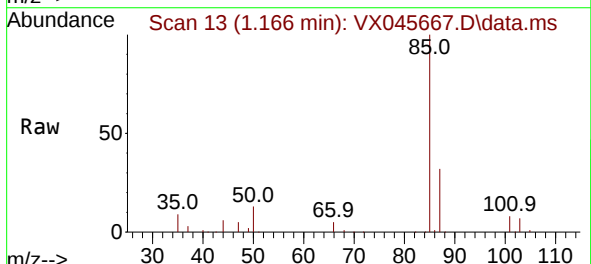
Manual Integrations
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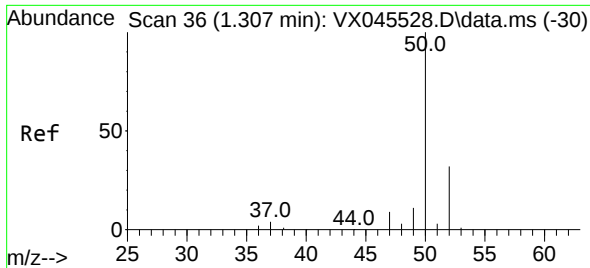
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#2
Dichlorodifluoromethane
Concen: 20.113 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Tgt Ion: 85 Resp: 28296
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2





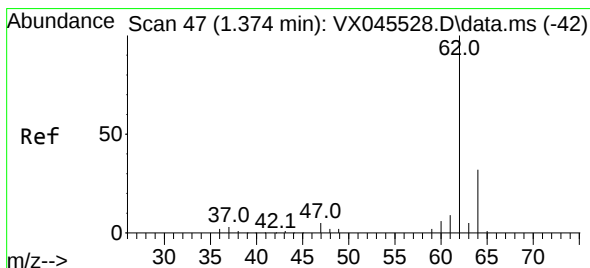
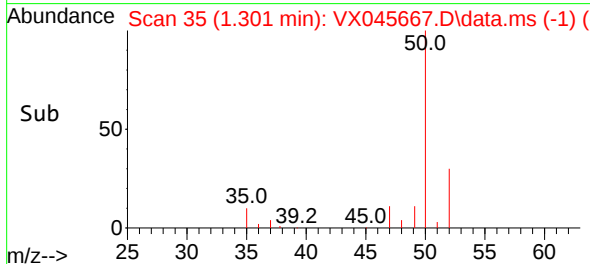
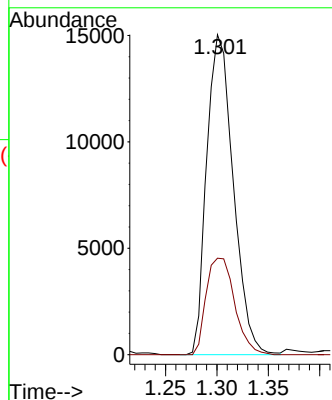
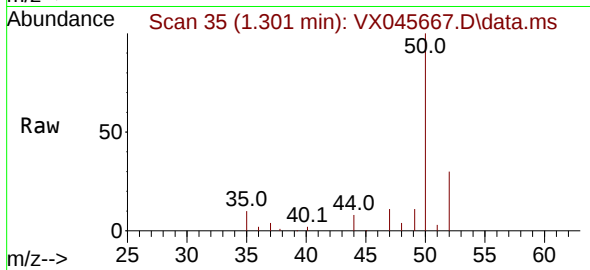
#3
Chloromethane
Concen: 18.746 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
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VX0409WBS01

Tgt Ion: 50 Resp: 27094
Ion Ratio Lower Upper
50 100
52 30.2 25.9 38.9

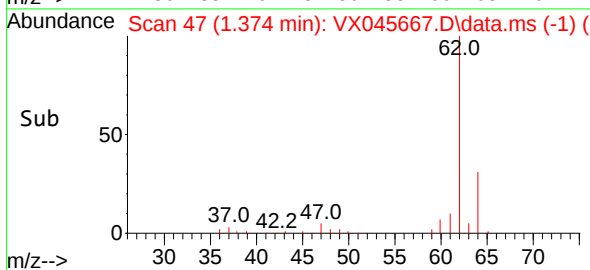
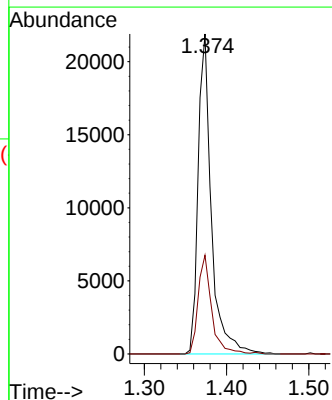
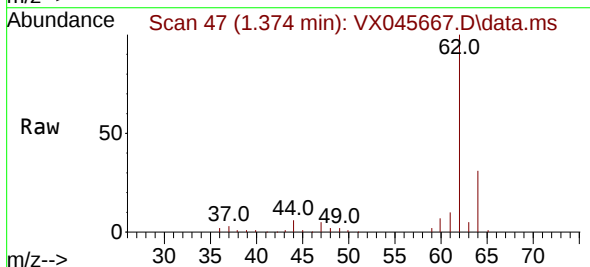
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
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#4
Vinyl Chloride
Concen: 18.466 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

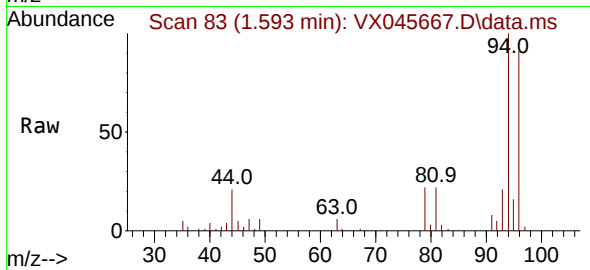
Tgt Ion: 62 Resp: 24425
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3





#5
Bromomethane
Concen: 18.169 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

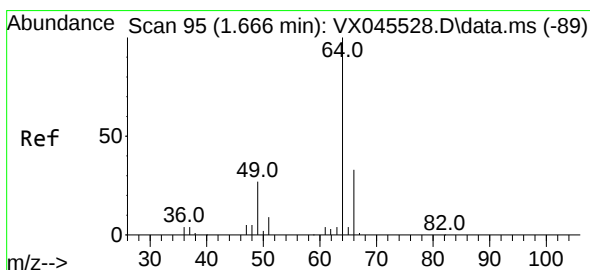
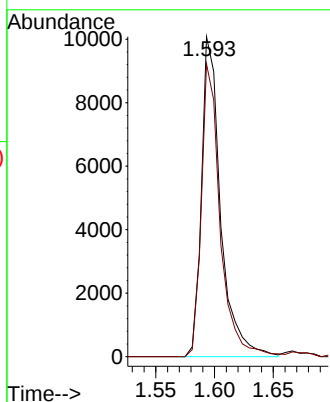
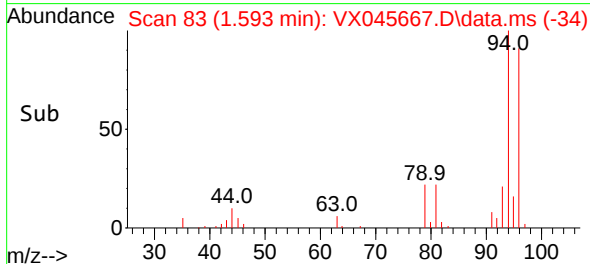
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 1139
Ion Ratio Lower Upper
94 100
96 91.5 74.8 112.2

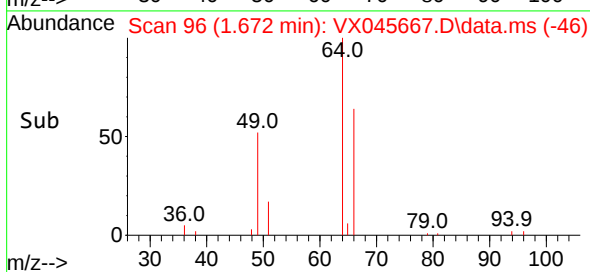
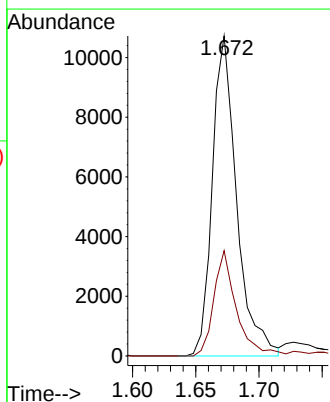
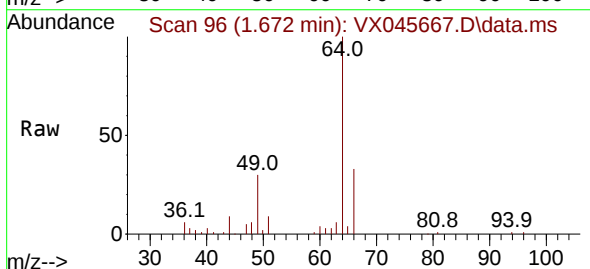
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#6
Chloroethane
Concen: 20.443 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

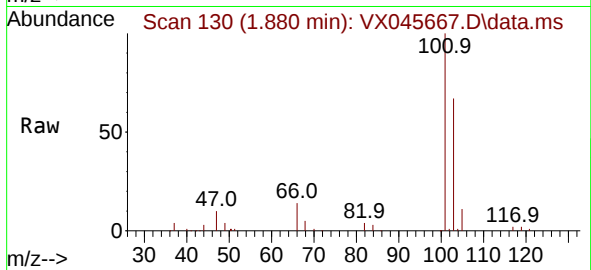
Tgt Ion: 64 Resp: 14346
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.702 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

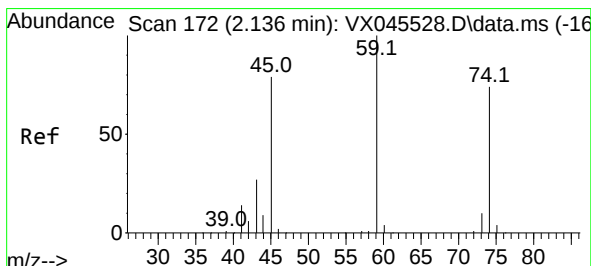
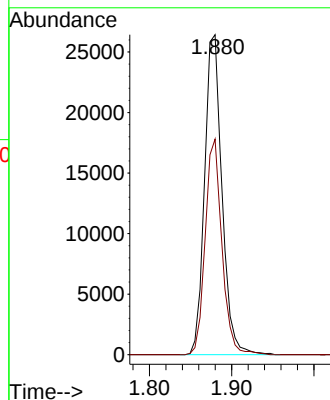
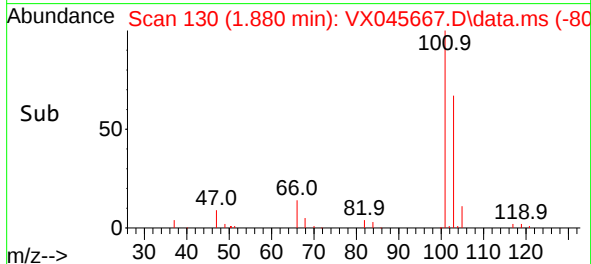
Instrument :
MSVOA_X
ClientSampleId :
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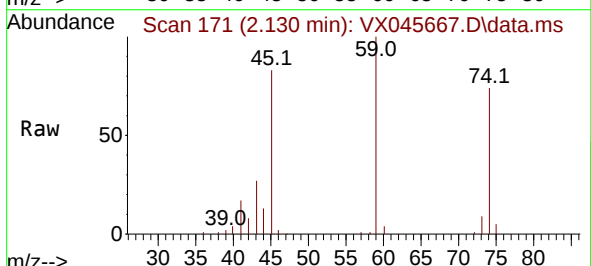
Tgt Ion:101 Resp: 3886
Ion Ratio Lower Upper
101 100
103 67.3 51.1 76.7

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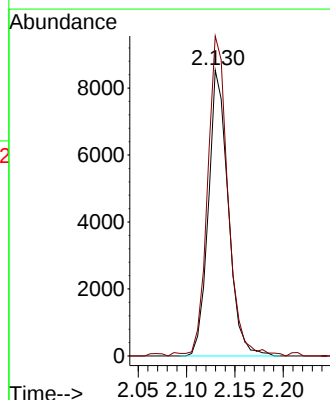
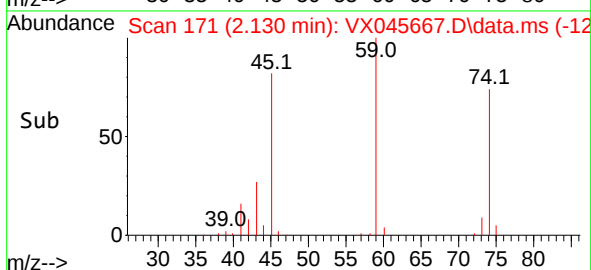
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#8
Diethyl Ether
Concen: 18.364 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



Tgt Ion: 74 Resp: 12161
Ion Ratio Lower Upper
74 100
45 115.4 53.0 159.1





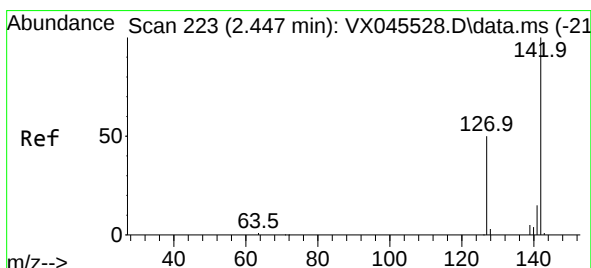
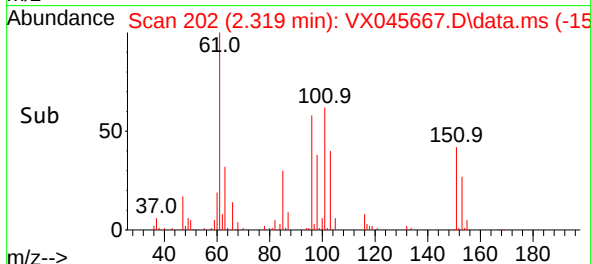
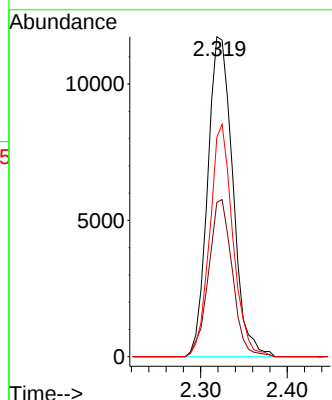
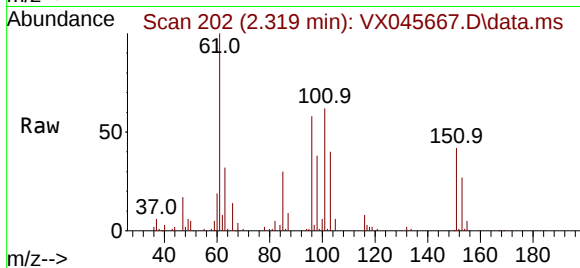
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.436 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion:101 Resp: 23620
Ion Ratio Lower Upper
101 100
85 46.5 38.9 58.3
151 67.0 57.5 86.3

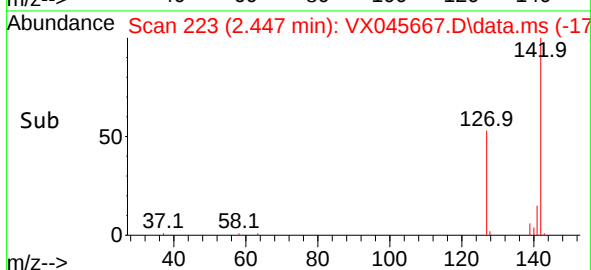
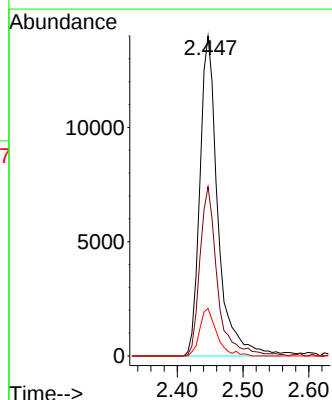
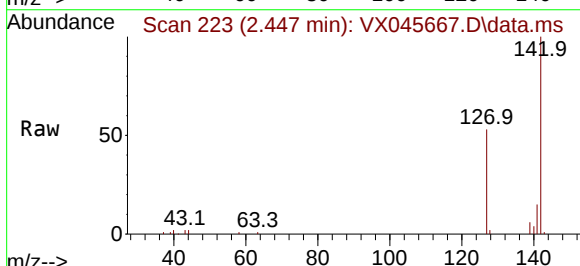
Manual Integrations
APPROVED

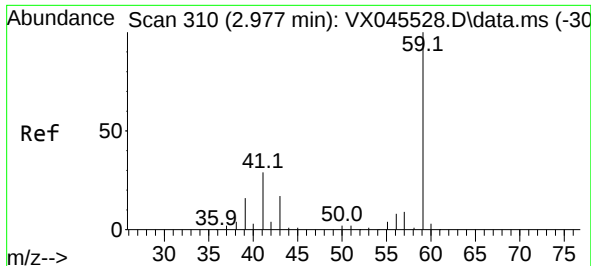
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#10
Methyl Iodide
Concen: 18.520 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

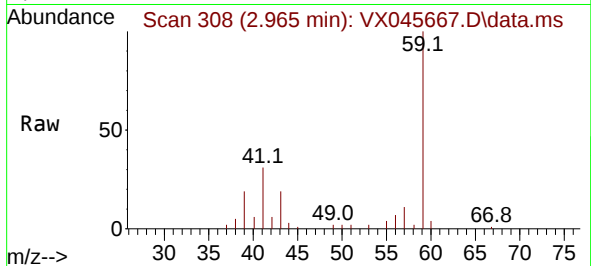
Tgt Ion:142 Resp: 26699
Ion Ratio Lower Upper
142 100
127 51.5 40.2 60.4
141 14.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 96.798 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

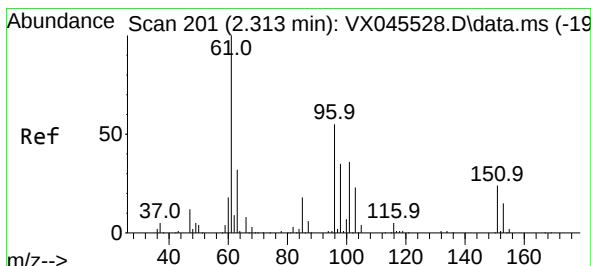
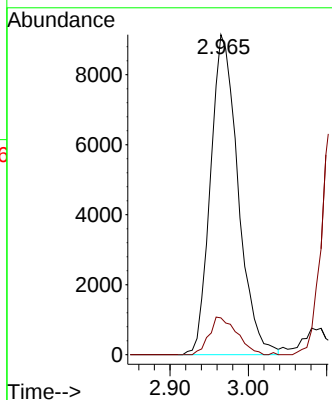
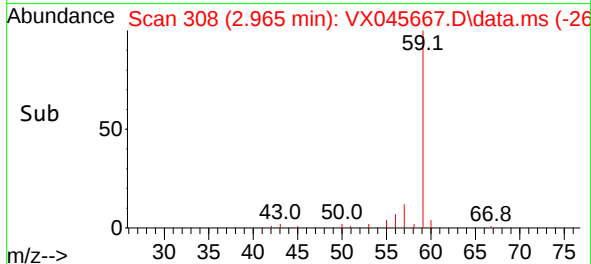
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 59 Resp: 22380
Ion Ratio Lower Upper
59 100
57 11.8 8.6 12.8

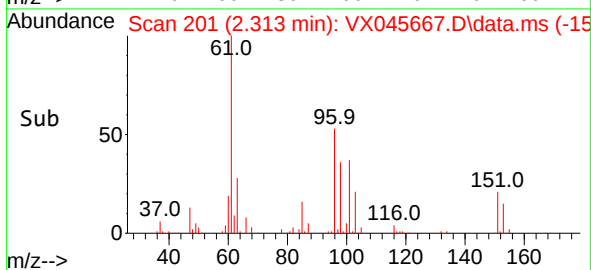
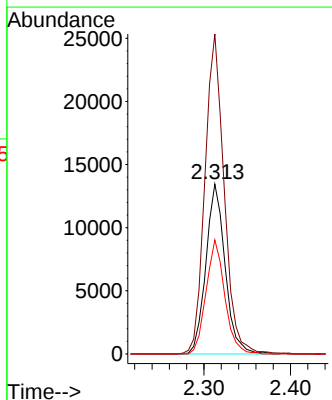
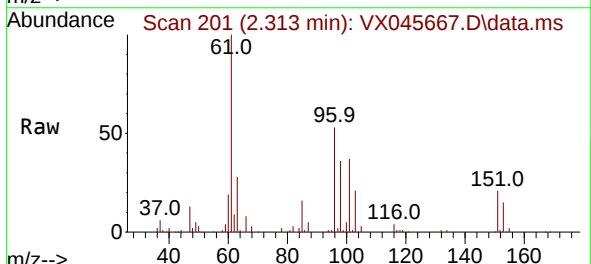
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 18.391 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

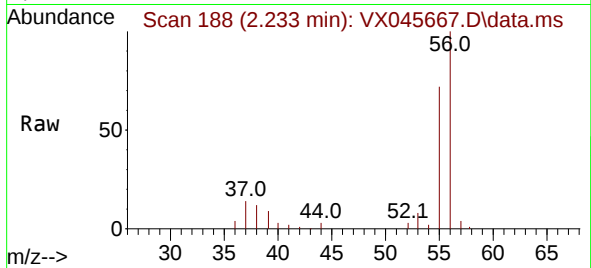
Tgt Ion: 96 Resp: 20770
Ion Ratio Lower Upper
96 100
61 188.3 145.7 218.5
98 67.2 51.6 77.4





#13
Acrolein
Concen: 80.591 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

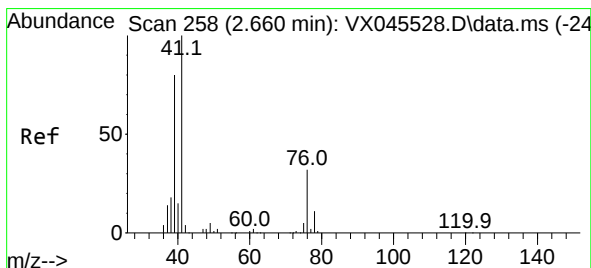
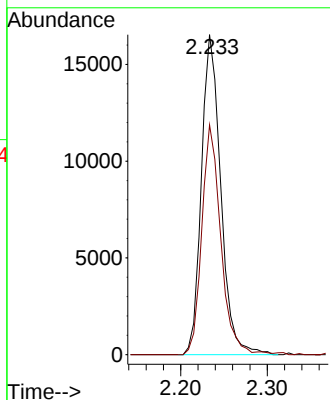
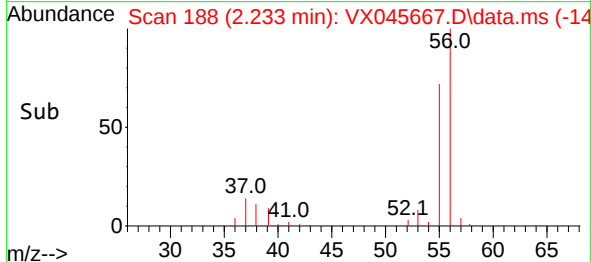
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 56 Resp: 25659
Ion Ratio Lower Upper
56 100
55 70.8 56.2 84.2

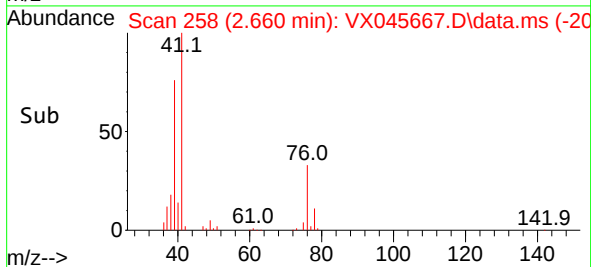
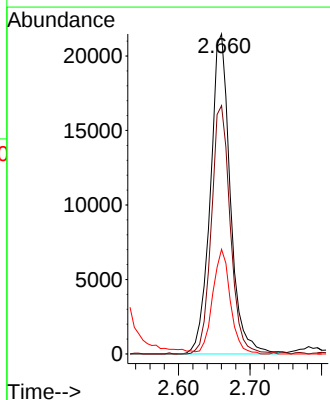
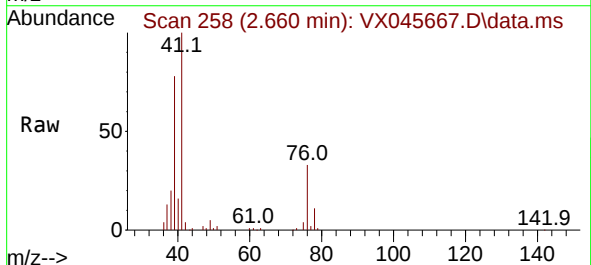
Manual Integrations
APPROVED

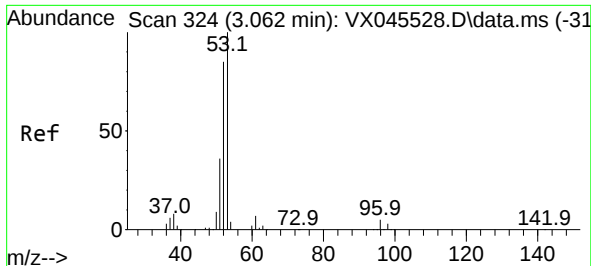
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#14
Allyl chloride
Concen: 19.404 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

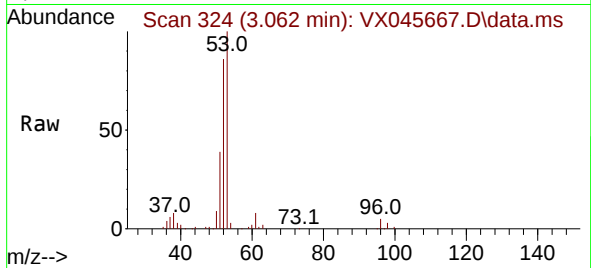
Tgt Ion: 41 Resp: 41579
Ion Ratio Lower Upper
41 100
39 73.5 60.2 90.2
76 29.0 24.6 36.8





#15
Acrylonitrile
Concen: 93.374 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

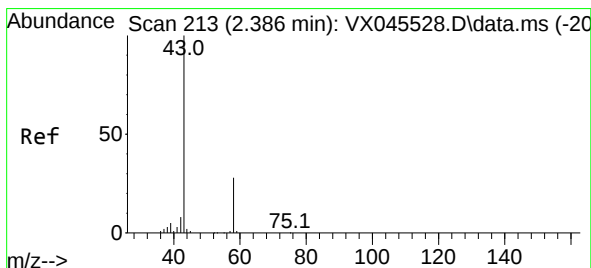
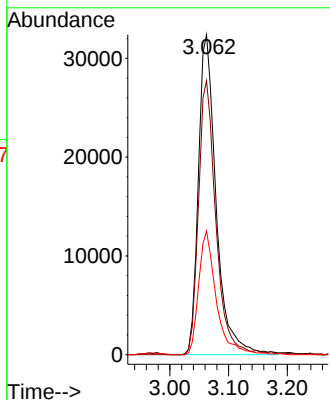
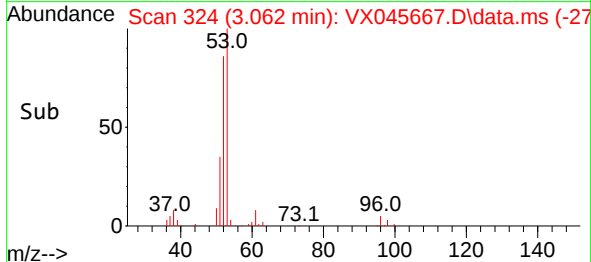
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 53 Resp: 6814
Ion Ratio Lower Upper
53 100
52 84.5 67.4 101.2
51 38.4 29.9 44.9

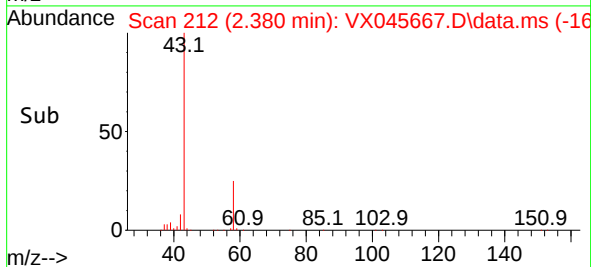
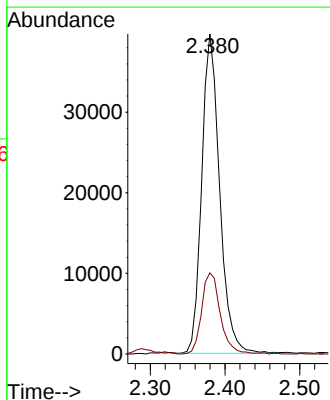
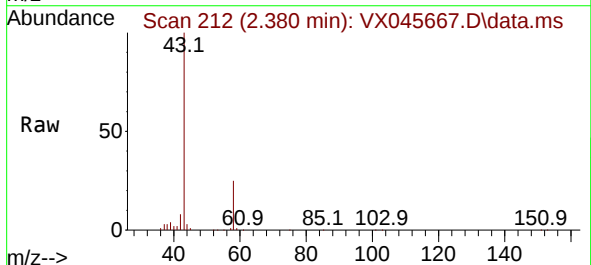
Manual Integrations
APPROVED

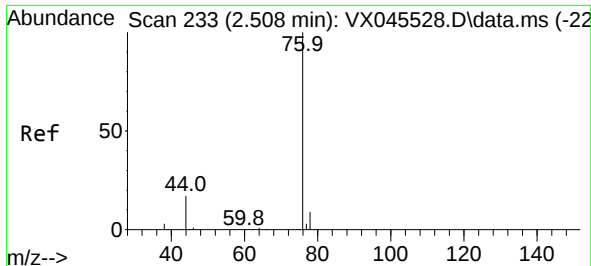
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#16
Acetone
Concen: 93.280 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Tgt Ion: 43 Resp: 65896
Ion Ratio Lower Upper
43 100
58 25.4 22.3 33.5





#17

Carbon Disulfide

Concen: 16.502 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tgt Ion: 76 Resp: 46029

Ion Ratio Lower Upper

76 100

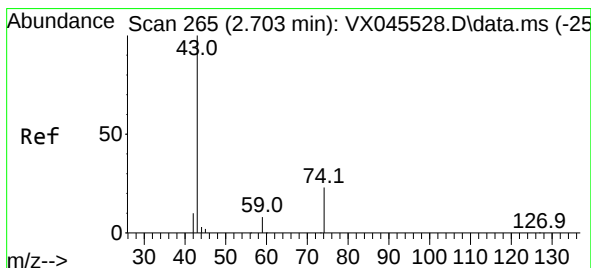
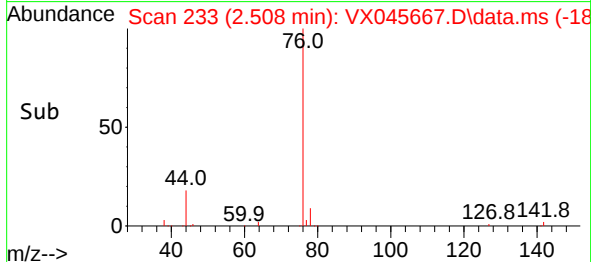
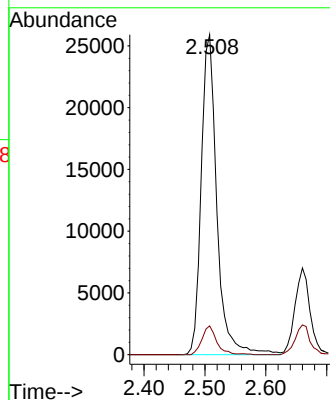
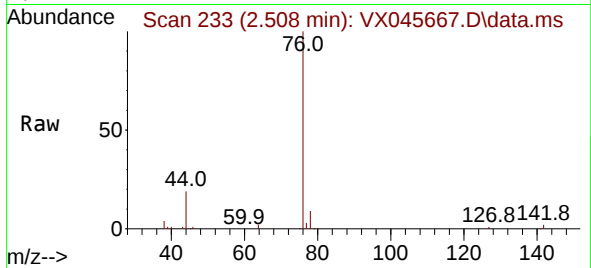
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#18

Methyl Acetate

Concen: 20.244 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045667.D

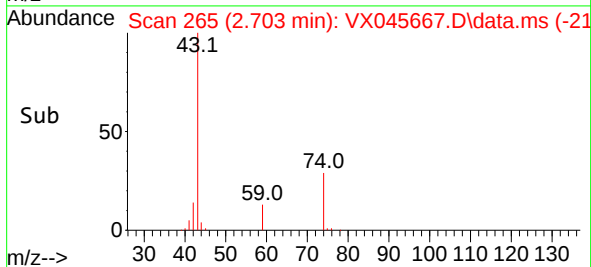
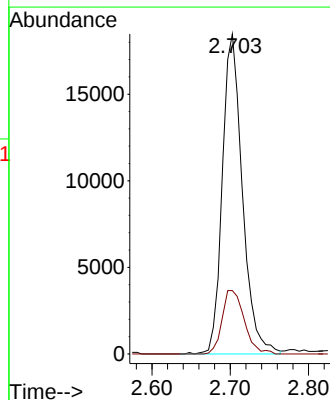
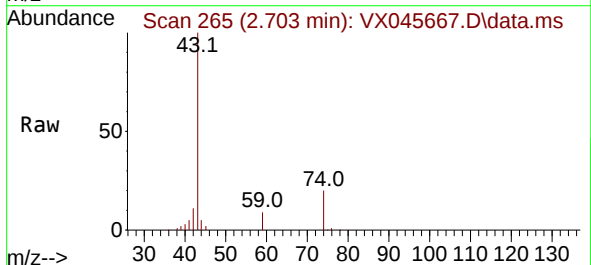
Acq: 09 Apr 2025 11:49

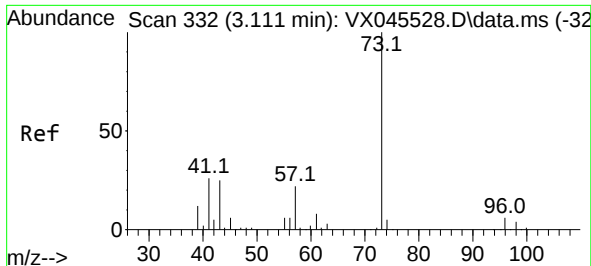
Tgt Ion: 43 Resp: 32926

Ion Ratio Lower Upper

43 100

74 21.9 17.5 26.3





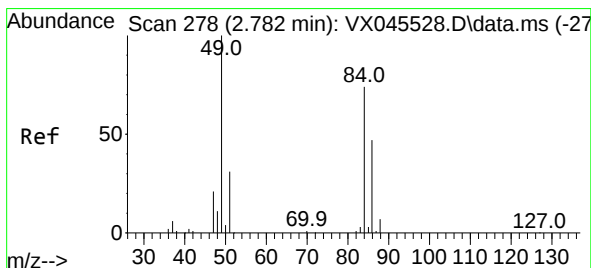
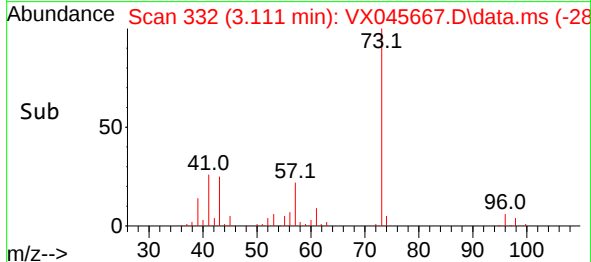
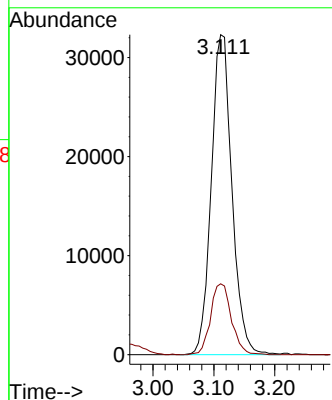
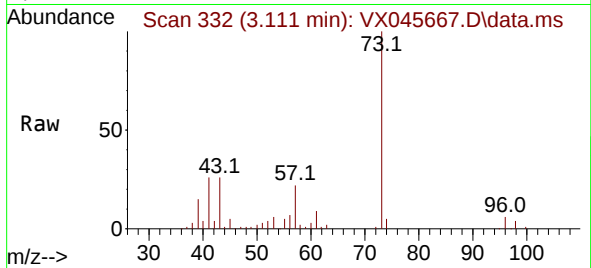
#19
Methyl tert-butyl Ether
Concen: 19.265 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion: 73 Resp: 76110
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

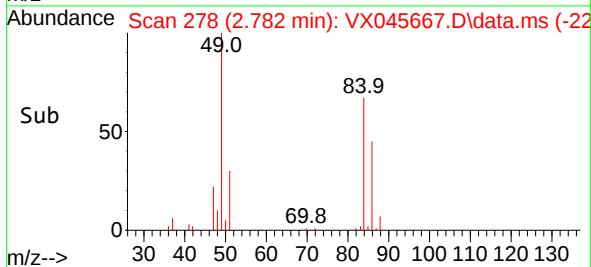
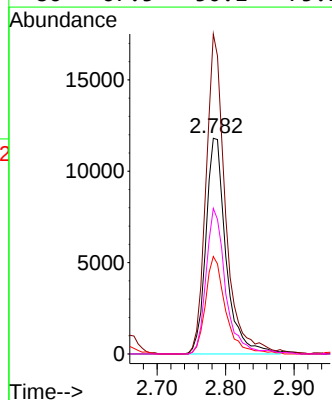
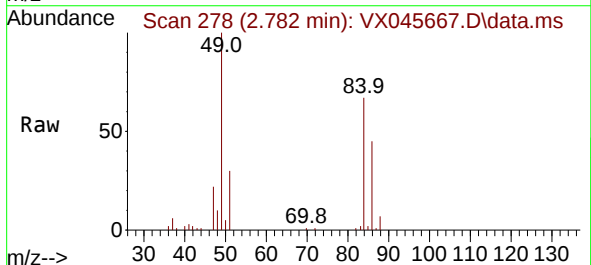
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 18.320 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

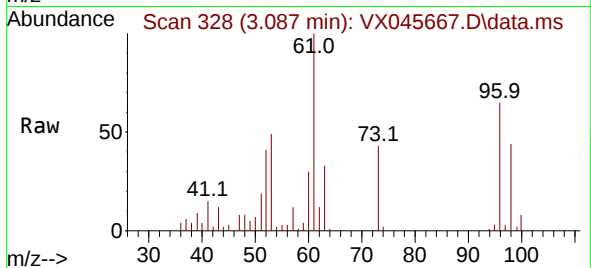
Tgt Ion: 84 Resp: 24229
Ion Ratio Lower Upper
84 100
49 148.4 107.5 161.3
51 45.2 33.0 49.6
86 67.5 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 18.424 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

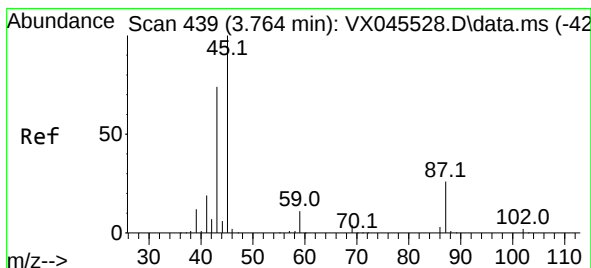
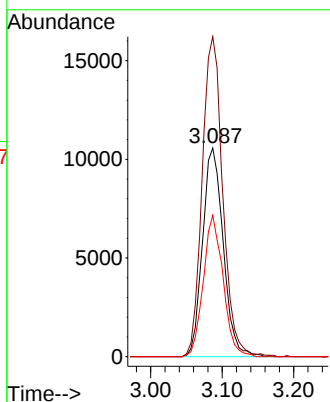
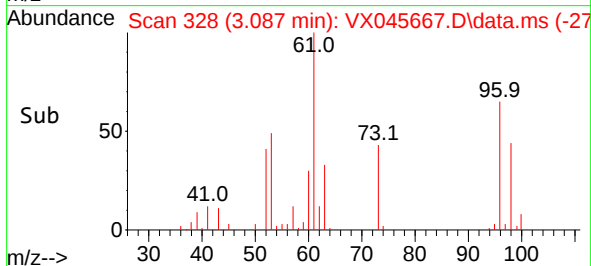
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



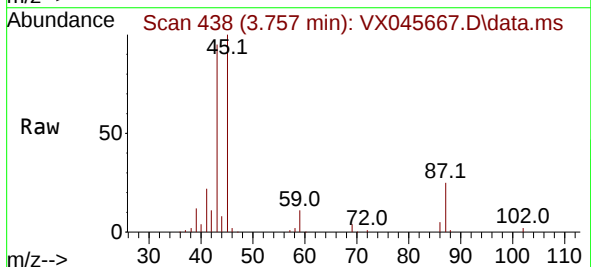
Tgt Ion: 96 Resp: 2125
Ion Ratio Lower Upper
96 100
61 153.4 121.0 181.6
98 67.7 49.7 74.5

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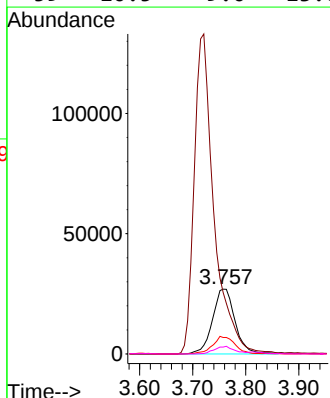
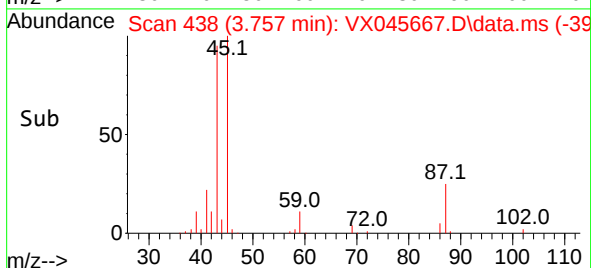
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#22
Diisopropyl ether
Concen: 18.861 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



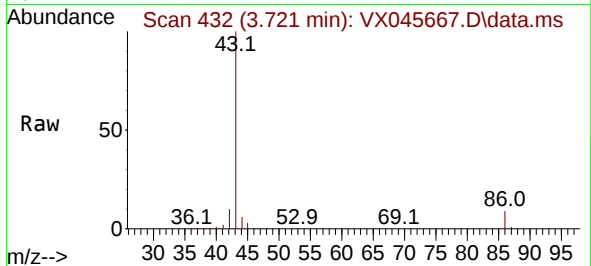
Tgt Ion: 45 Resp: 79613
Ion Ratio Lower Upper
45 100
43 94.7 59.3 88.9#
87 25.4 20.4 30.6
59 10.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 94.659 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49

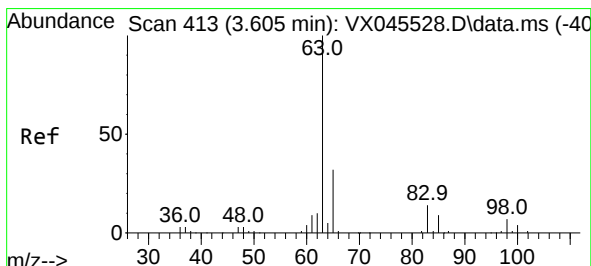
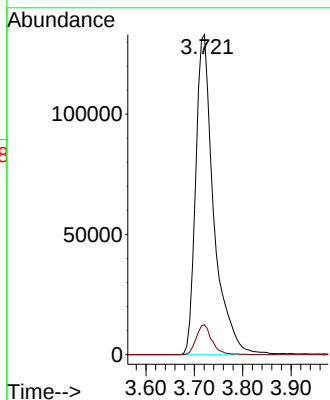
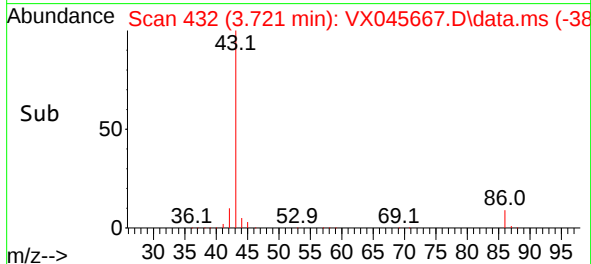
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01



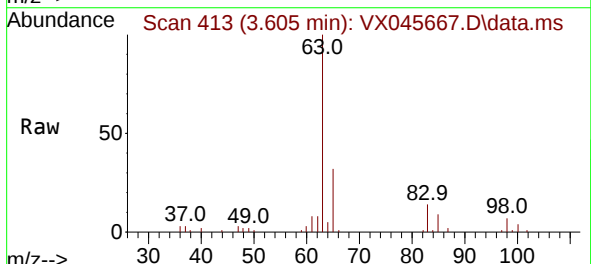
Tgt Ion: 43 Resp: 345218
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

Manual Integrations
 APPROVED

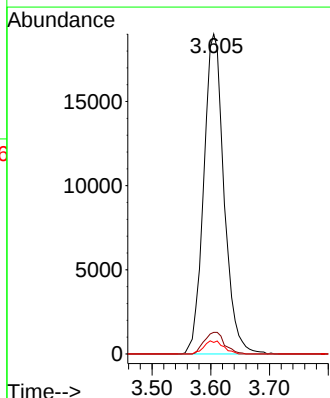
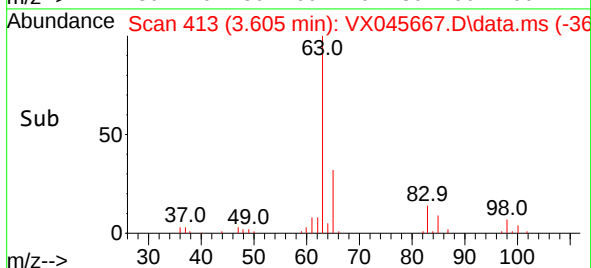
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

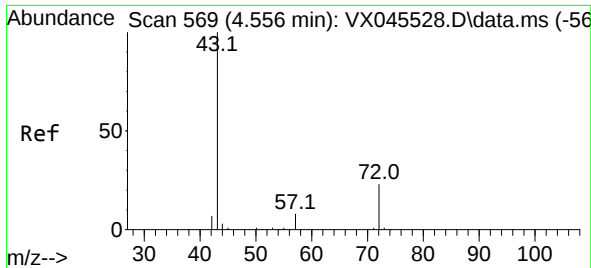


#24
 1,1-Dichloroethane
 Concen: 19.137 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49



Tgt Ion: 63 Resp: 45684
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 3.6 2.2 6.6





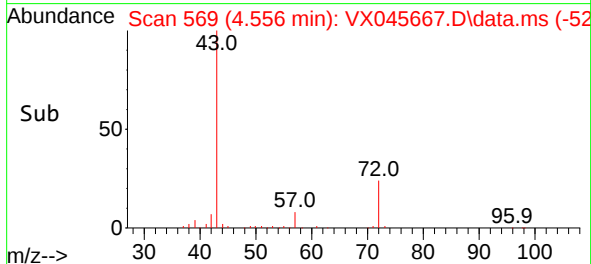
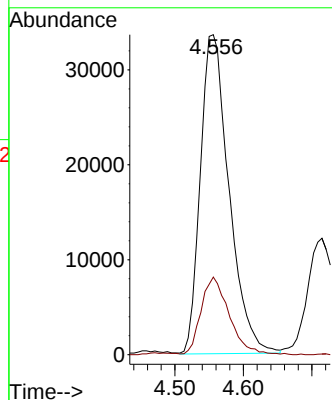
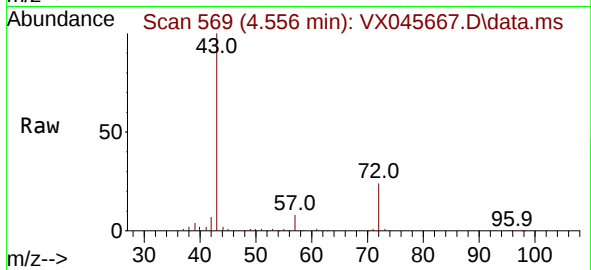
#25
2-Butanone
Concen: 94.586 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion: 43 Resp: 97809
Ion Ratio Lower Upper
43 100
72 24.2 18.6 28.0

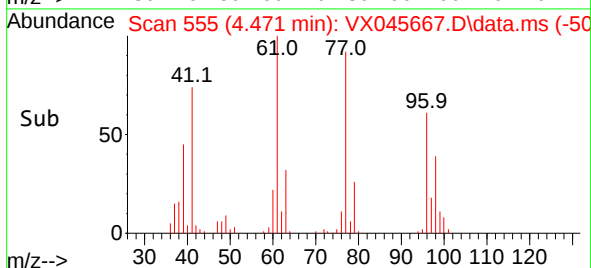
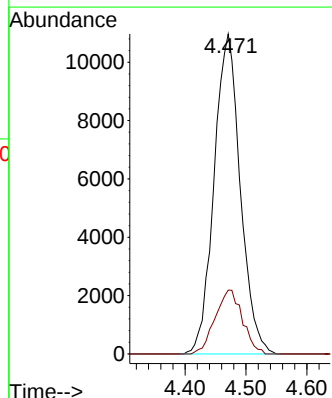
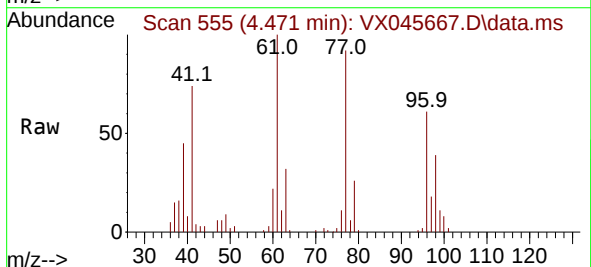
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 21.275 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

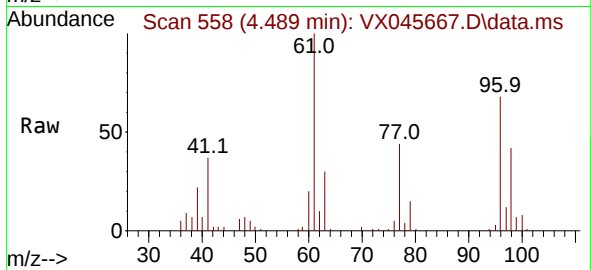
Tgt Ion: 77 Resp: 32813
Ion Ratio Lower Upper
77 100
97 20.8 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.585 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49

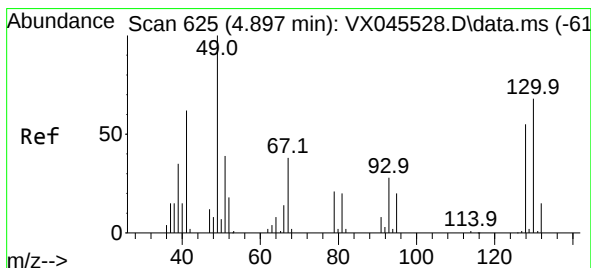
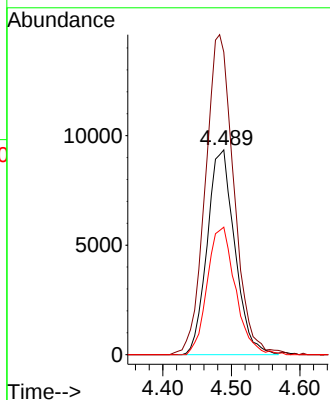
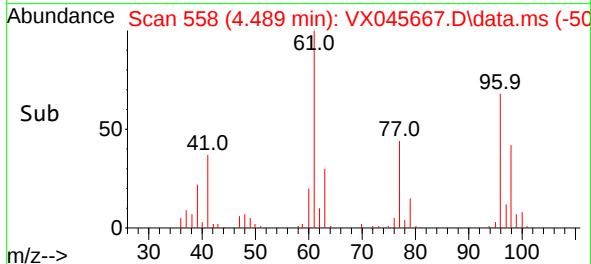
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01



Tgt Ion: 96 Resp: 2612
 Ion Ratio Lower Upper
 96 100
 61 161.7 0.0 313.2
 98 63.6 0.0 126.4

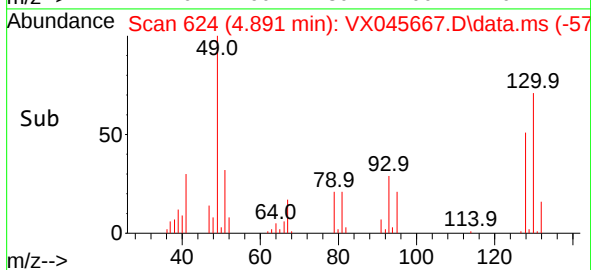
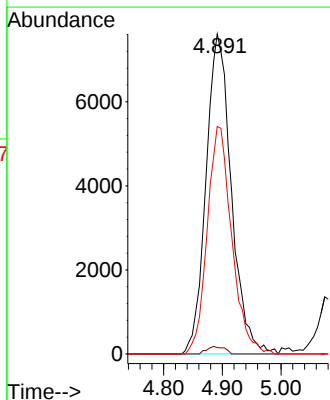
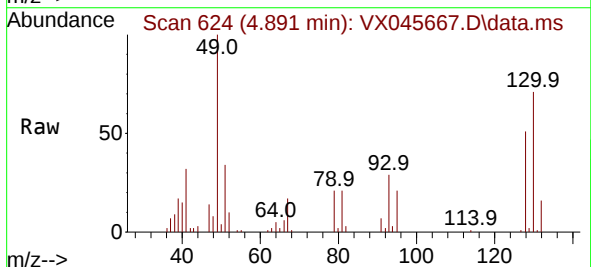
Manual Integrations
 APPROVED

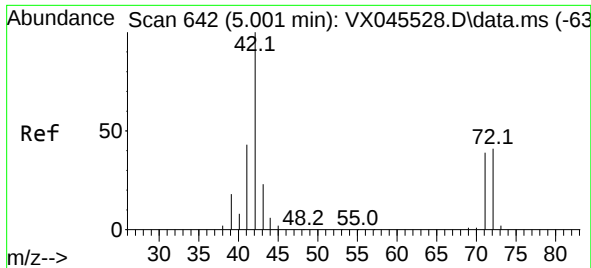
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#28
 Bromochloromethane
 Concen: 19.766 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49

Tgt Ion: 49 Resp: 22802
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 68.9 54.6 81.8





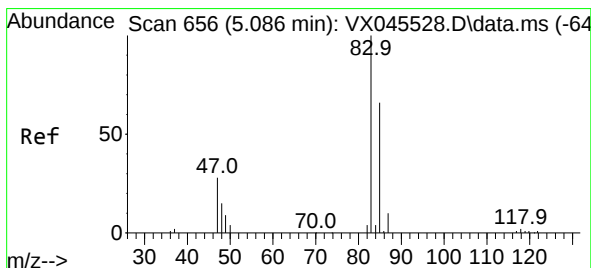
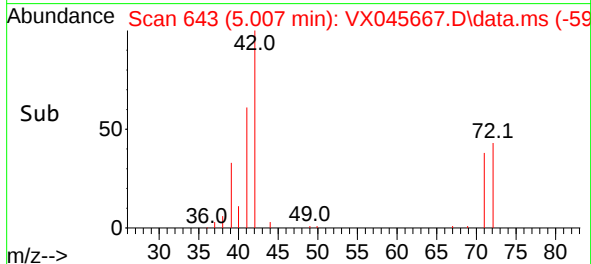
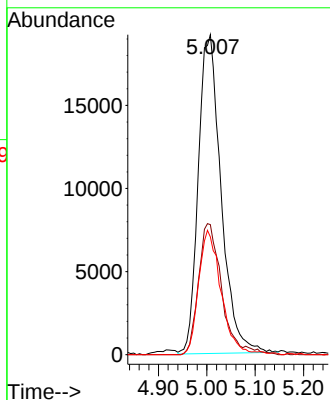
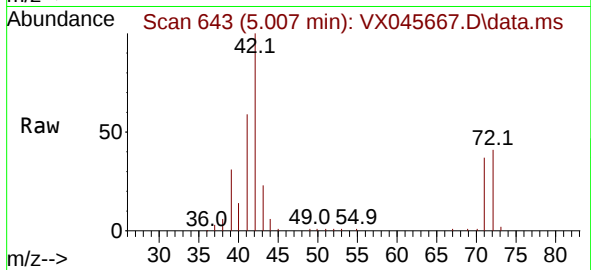
#29
Tetrahydrofuran
Concen: 93.742 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion: 42 Resp: 6284
Ion Ratio Lower Upper
42 100
72 42.0 33.4 50.0
71 38.5 31.4 47.0

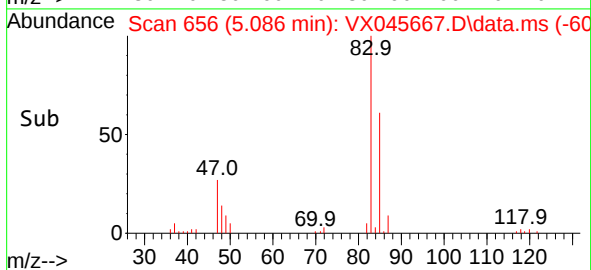
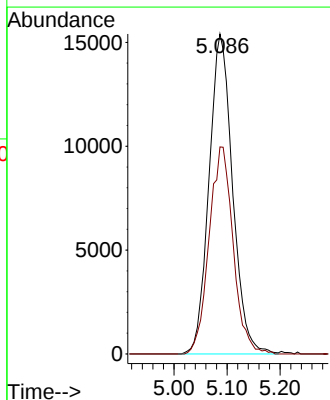
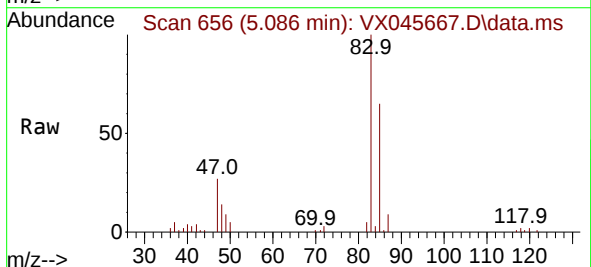
Manual Integrations
APPROVED

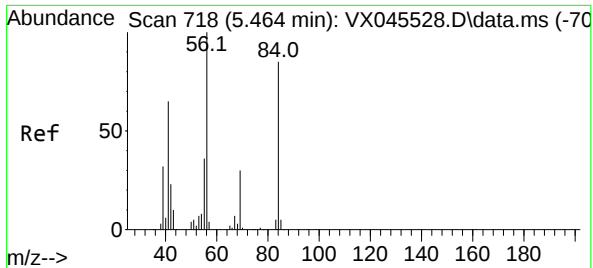
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#30
Chloroform
Concen: 19.348 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

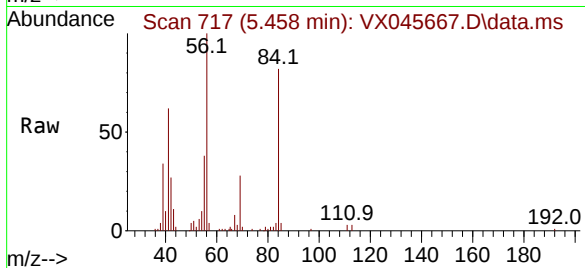
Tgt Ion: 83 Resp: 47524
Ion Ratio Lower Upper
83 100
85 64.7 52.8 79.2





#31
Cyclohexane
Concen: 18.537 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

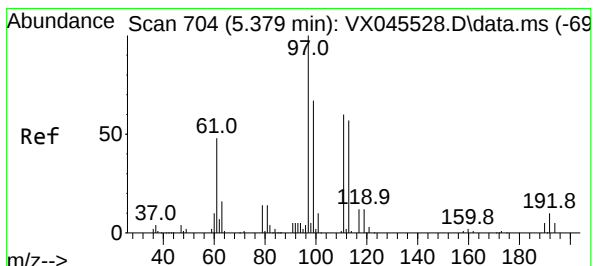
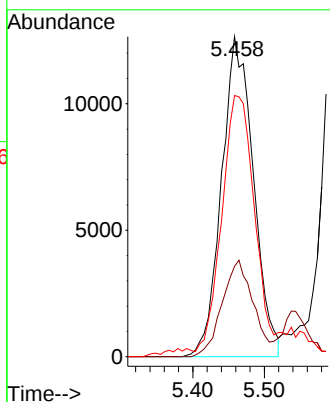
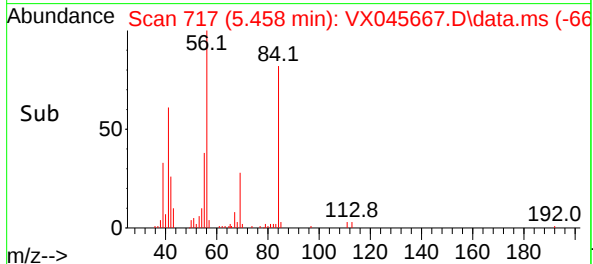
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 56 Resp: 3912
Ion Ratio Lower Upper
56 100
69 28.2 23.6 35.4
84 79.0 67.7 101.5

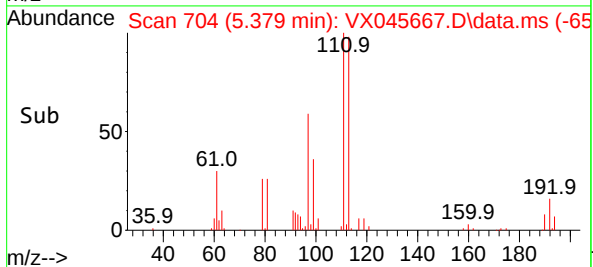
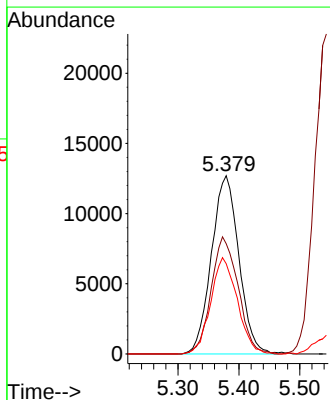
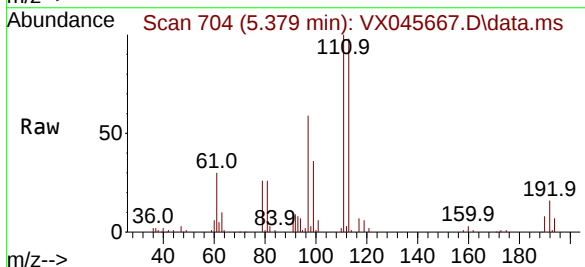
Manual Integrations
APPROVED

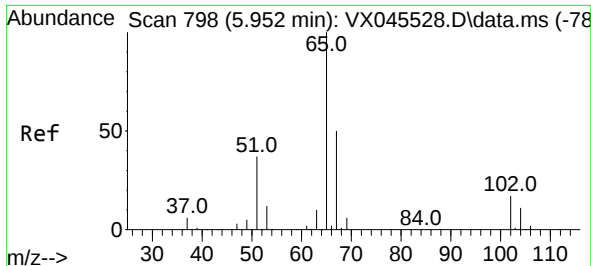
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#32
1,1,1-Trichloroethane
Concen: 19.150 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Tgt Ion: 97 Resp: 39802
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 52.5 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 53.508 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tgt Ion: 65 Resp: 9205

Ion Ratio Lower Upper

65 100

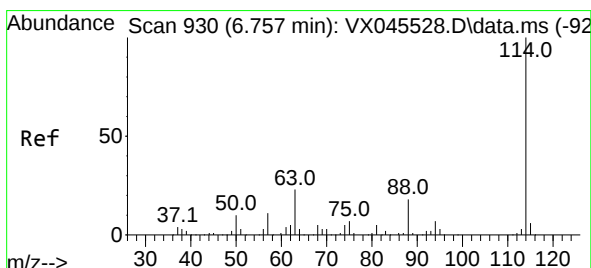
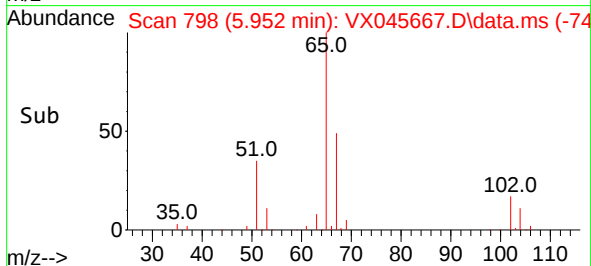
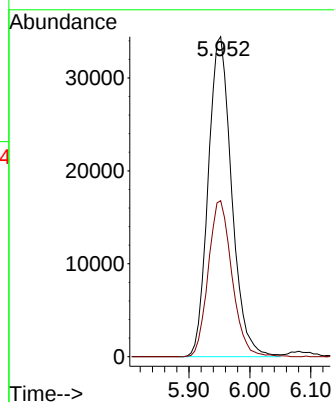
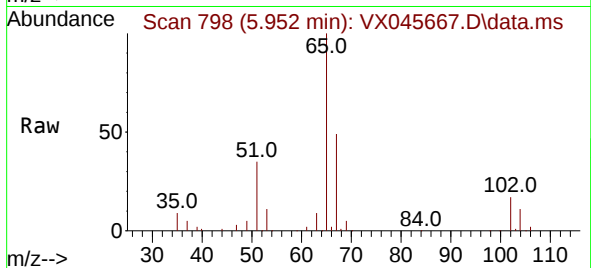
67 49.3 0.0 99.0

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: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

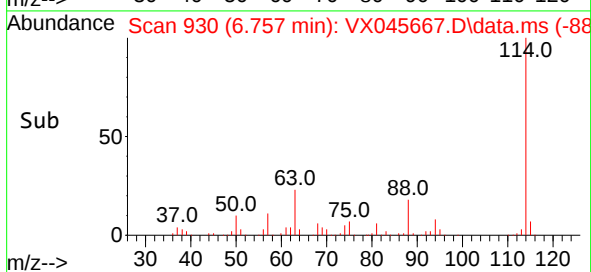
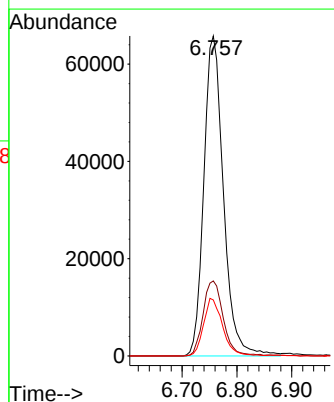
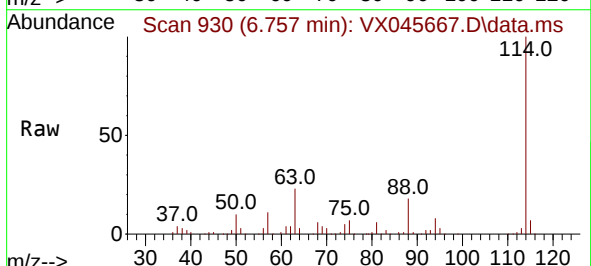
Tgt Ion:114 Resp: 163361

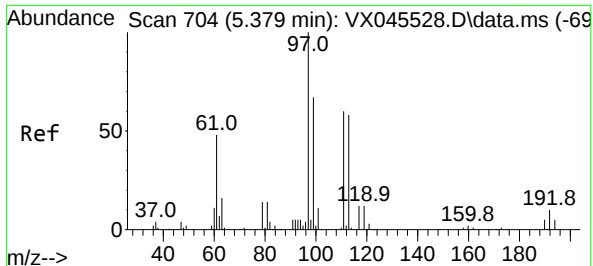
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.8

88 17.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 54.505 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

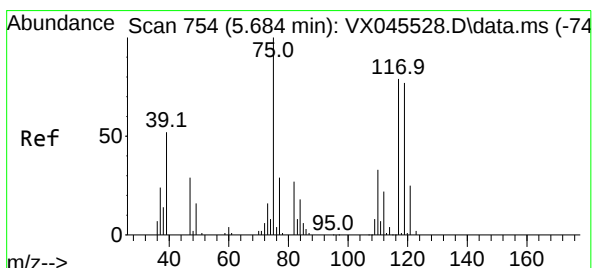
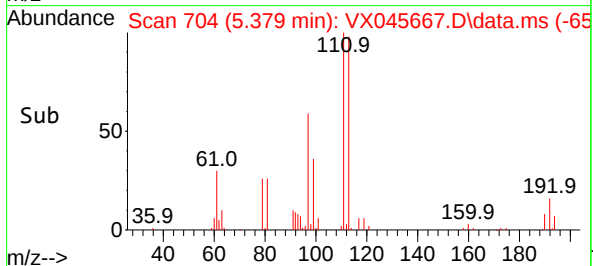
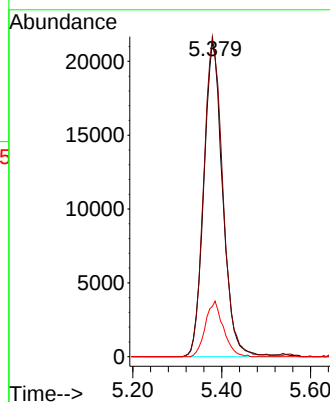
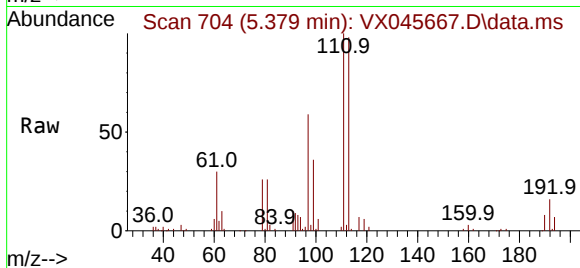
Tgt Ion:	113	Resp:	63174
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	16.7	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#36

1,1-Dichloropropene

Concen: 19.713 ug/l

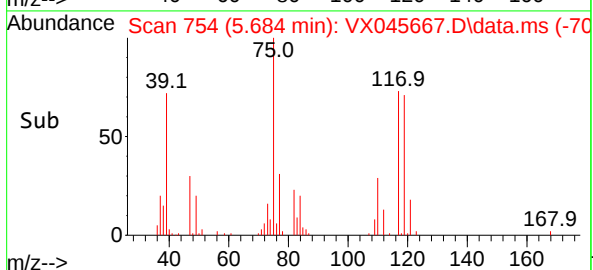
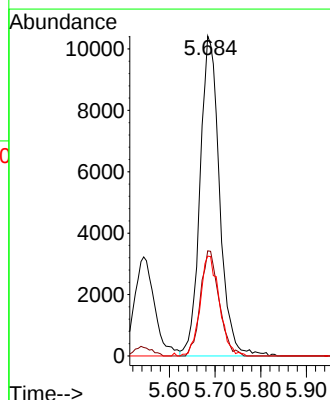
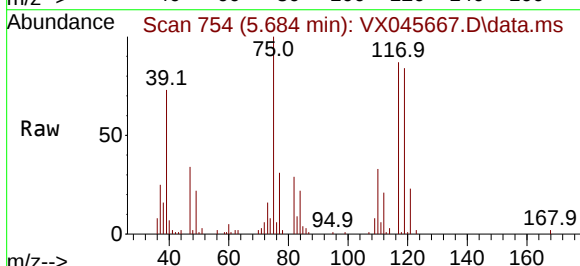
RT: 5.684 min Scan# 754

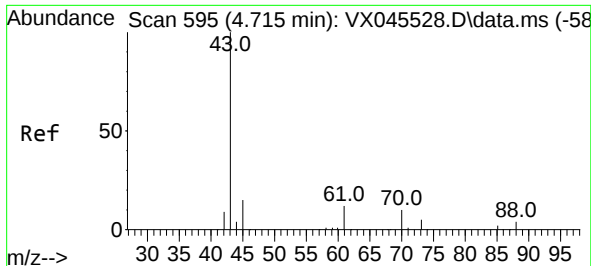
Delta R.T. 0.000 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

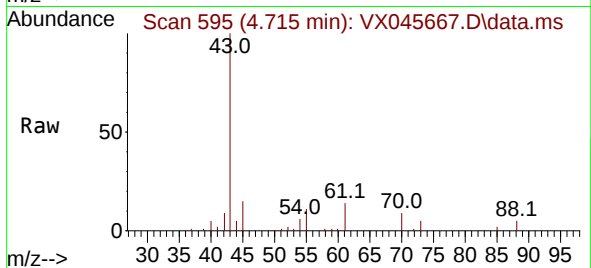
Tgt Ion:	75	Resp:	30850
Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.9	50.6
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 18.112 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

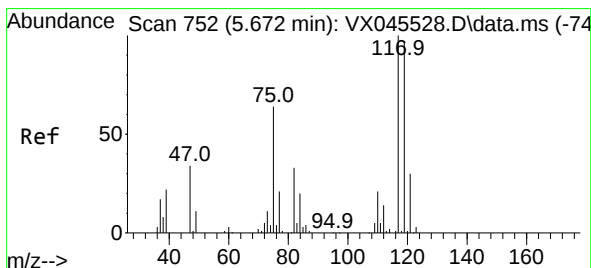
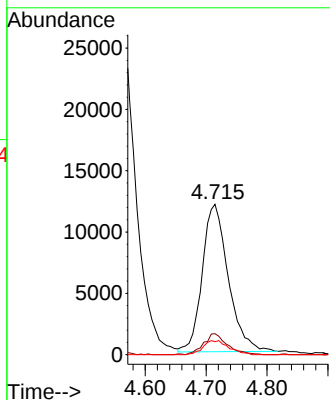
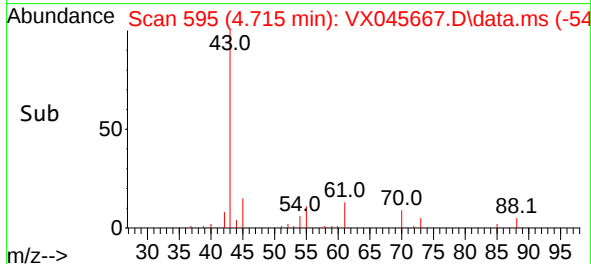
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 43 Resp: 35720
Ion Ratio Lower Upper
43 100
61 13.0 9.9 14.9
70 9.4 7.5 11.3

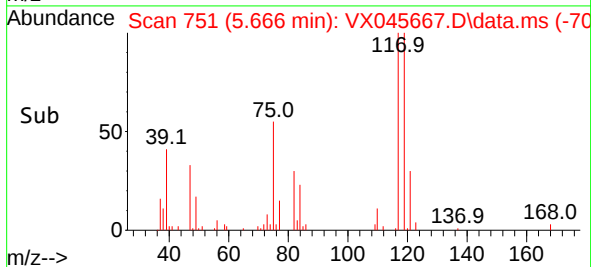
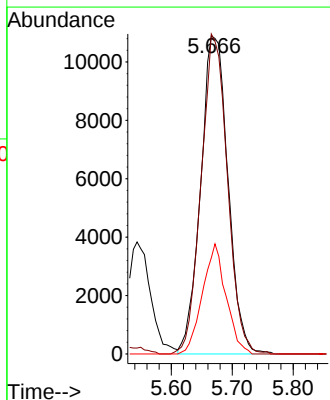
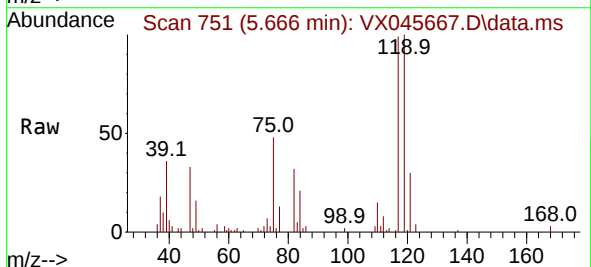
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 20.092 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

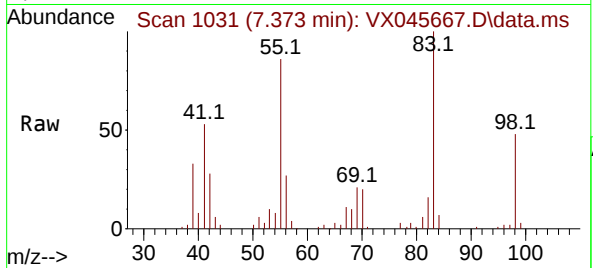
Tgt Ion:117 Resp: 33982
Ion Ratio Lower Upper
117 100
119 100.6 76.9 115.3
121 30.3 24.2 36.2





#39
Methylcyclohexane
Concen: 19.494 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

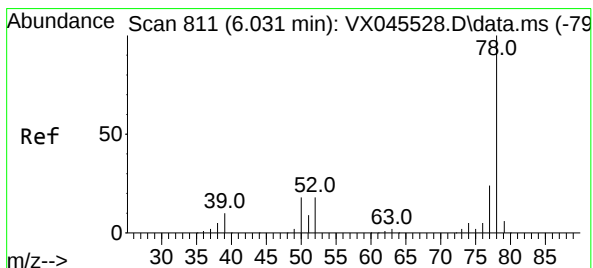
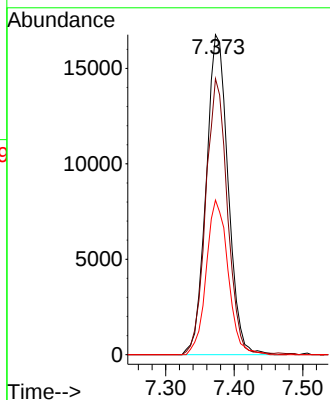
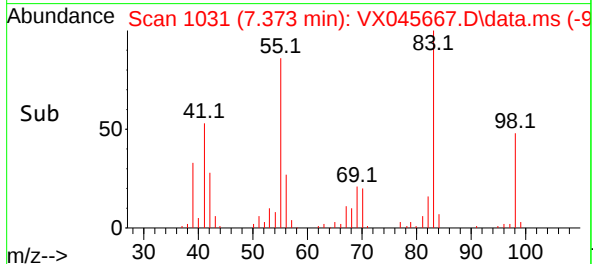
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 83 Resp: 37390
Ion Ratio Lower Upper
83 100
55 86.3 64.9 97.3
98 48.3 37.4 56.0

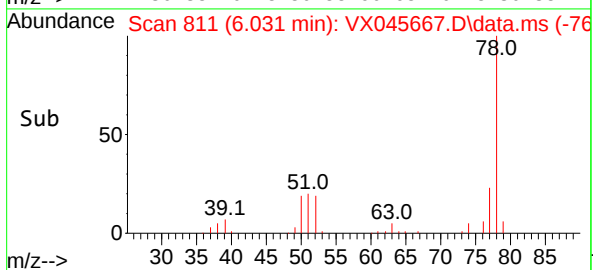
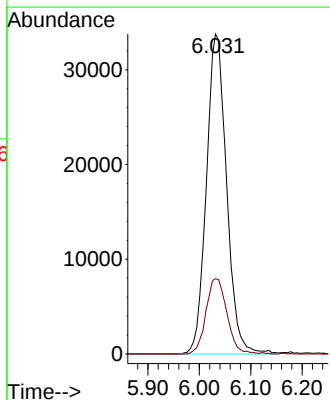
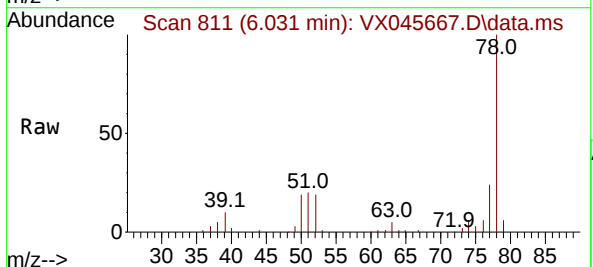
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 19.301 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

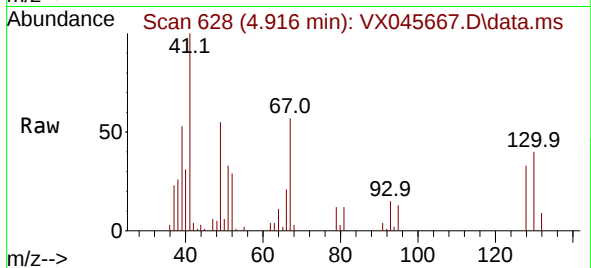
Tgt Ion: 78 Resp: 92251
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 20.397 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

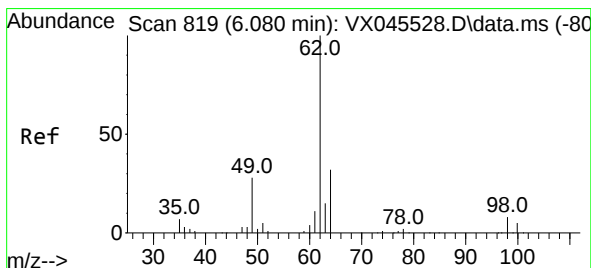
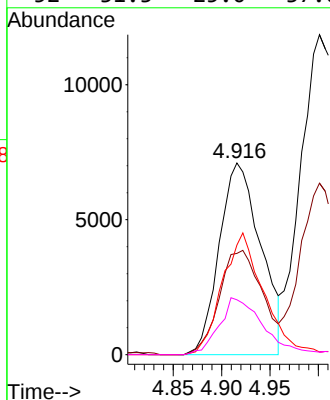
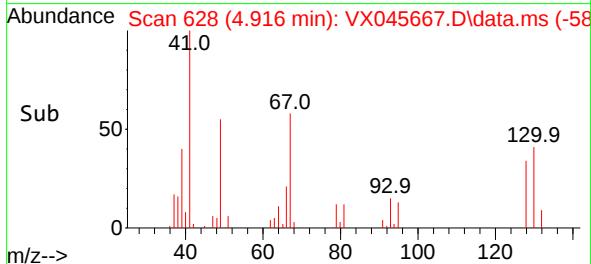
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 41 Resp: 21224
Ion Ratio Lower Upper
41 100
39 56.3 47.0 70.6
67 64.1 53.2 79.8
52 31.3 25.0 37.6

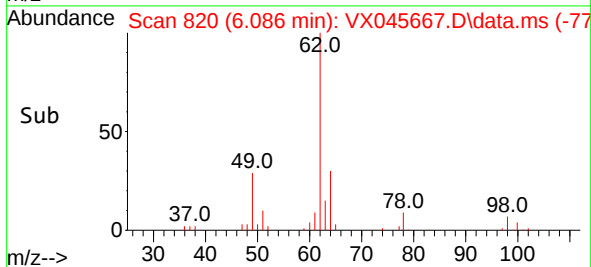
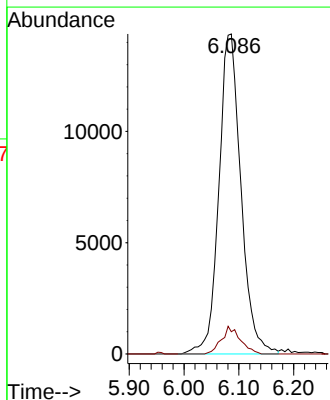
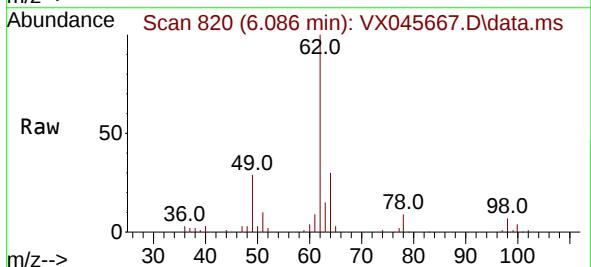
Manual Integrations
APPROVED

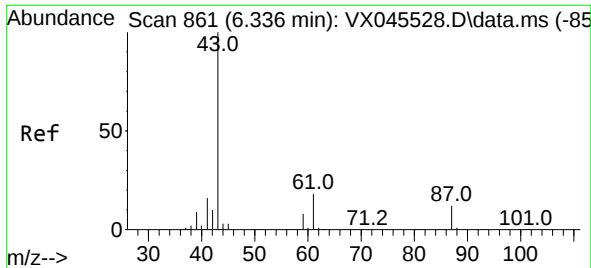
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#42
1,2-Dichloroethane
Concen: 20.397 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Tgt Ion: 62 Resp: 40264
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.2





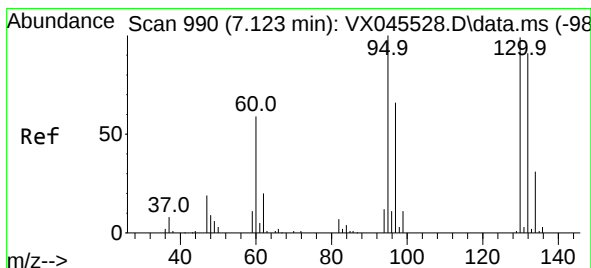
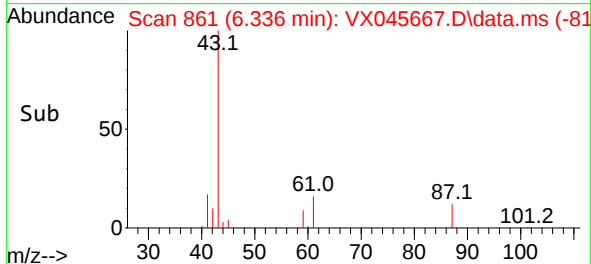
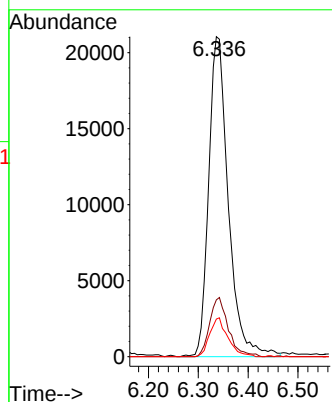
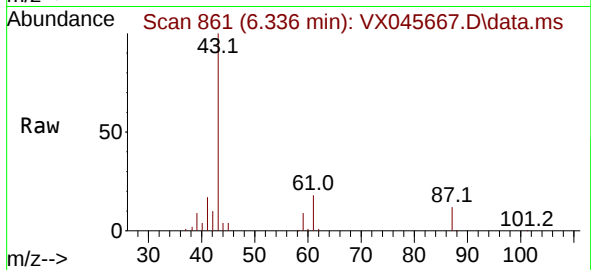
#43
Isopropyl Acetate
Concen: 19.285 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion: 43 Resp: 5764
Ion Ratio Lower Upper
43 100
61 17.5 14.1 21.1
87 11.2 9.2 13.8

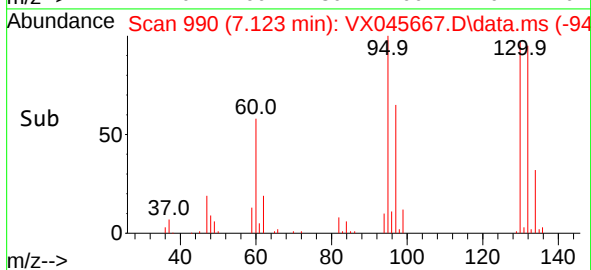
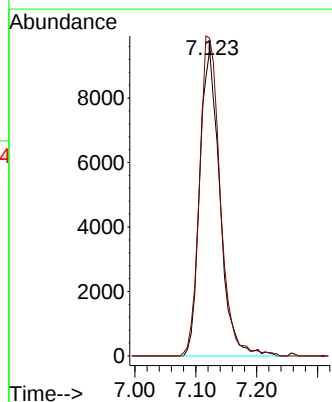
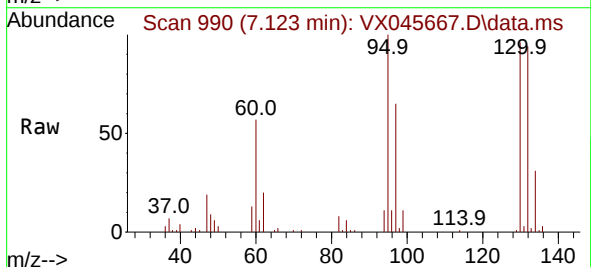
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 19.194 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Tgt Ion:130 Resp: 21805
Ion Ratio Lower Upper
130 100
95 104.0 0.0 202.0





#45

1,2-Dichloropropane

Concen: 19.571 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tgt Ion: 63 Resp: 23339

Ion Ratio Lower Upper

63 100

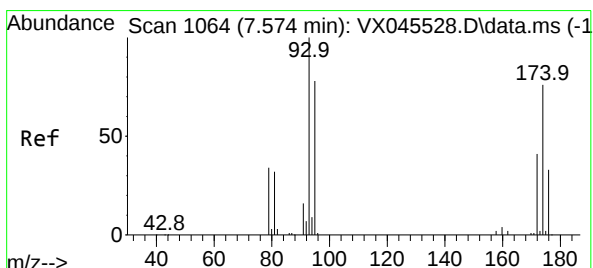
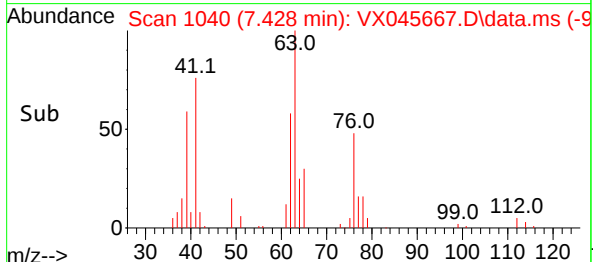
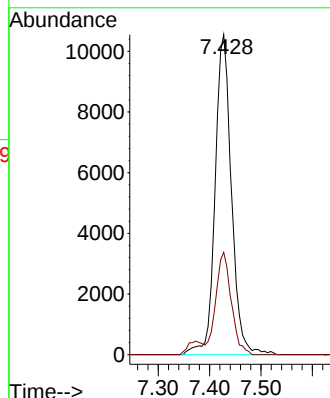
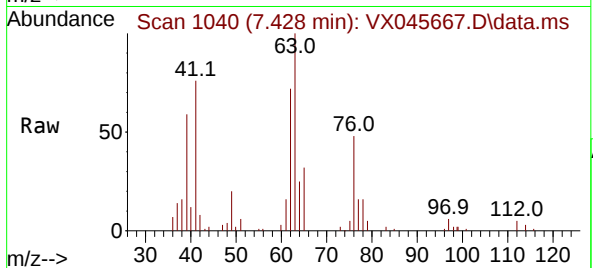
65 32.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#46

Dibromomethane

Concen: 19.446 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

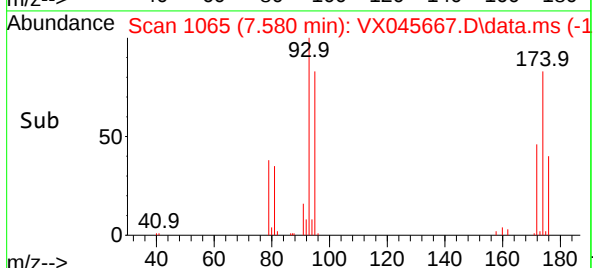
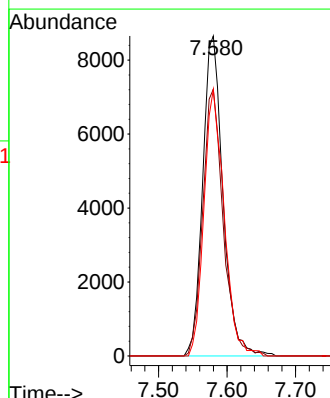
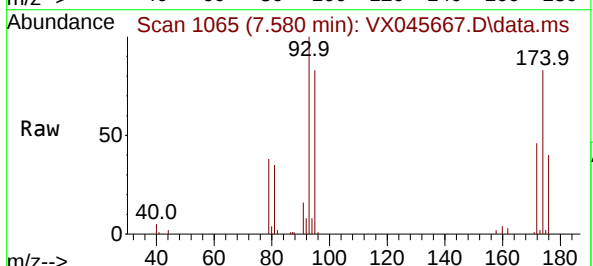
Tgt Ion: 93 Resp: 17802

Ion Ratio Lower Upper

93 100

95 84.1 64.8 97.2

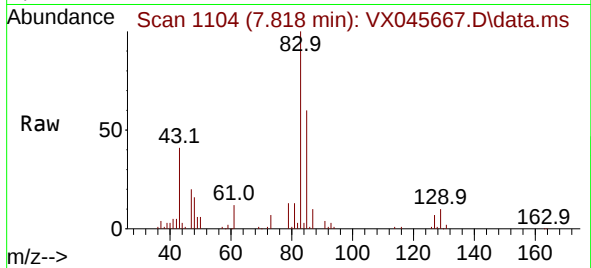
174 82.9 65.4 98.0





#47
Bromodichloromethane
Concen: 19.598 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

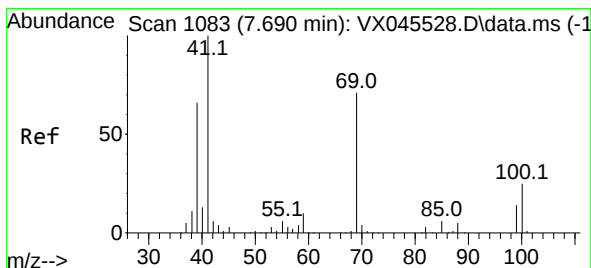
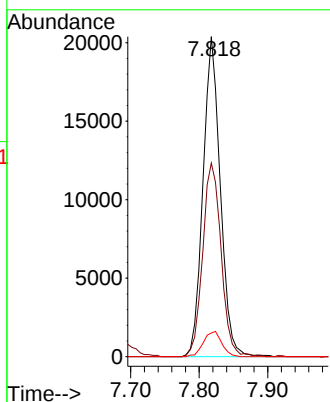
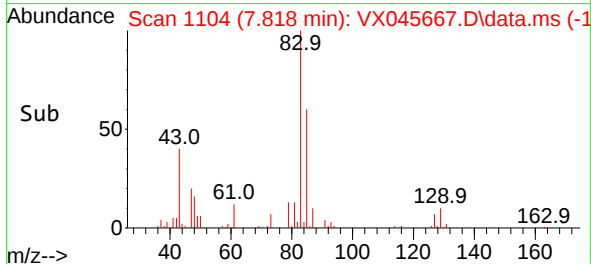
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



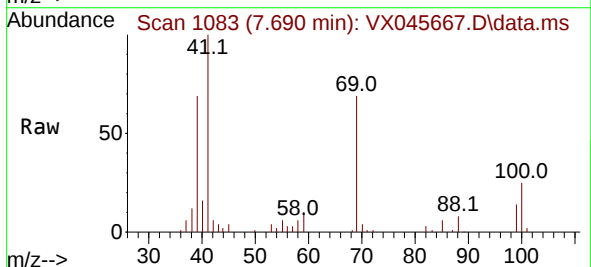
Tgt Ion: 83 Resp: 35828
Ion Ratio Lower Upper
83 100
85 60.5 49.7 74.5
127 7.4 6.1 9.1

Manual Integrations
APPROVED

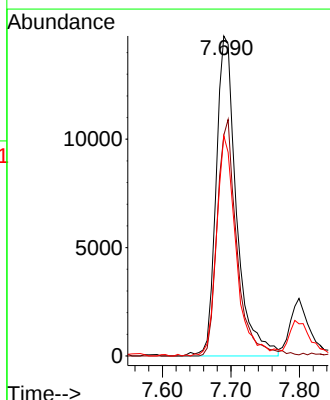
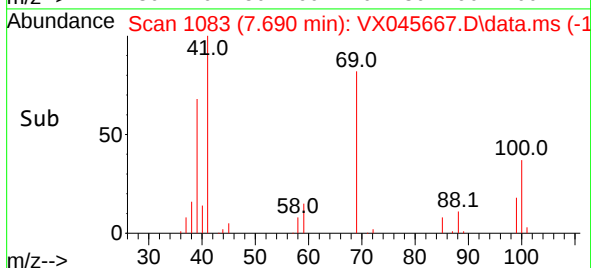
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

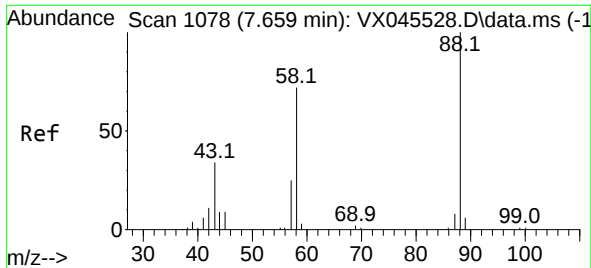


#48
Methyl methacrylate
Concen: 19.647 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



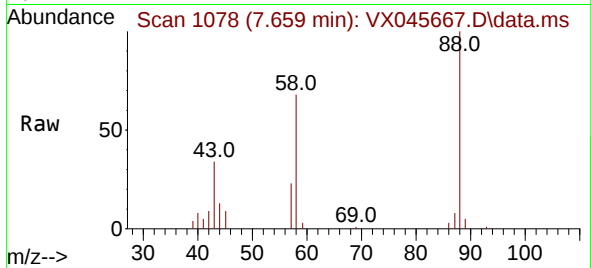
Tgt Ion: 41 Resp: 30321
Ion Ratio Lower Upper
41 100
69 71.5 58.2 87.2
39 66.9 53.6 80.4





#49
1,4-Dioxane
Concen: 428.937 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

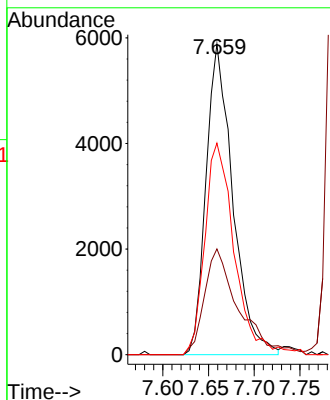
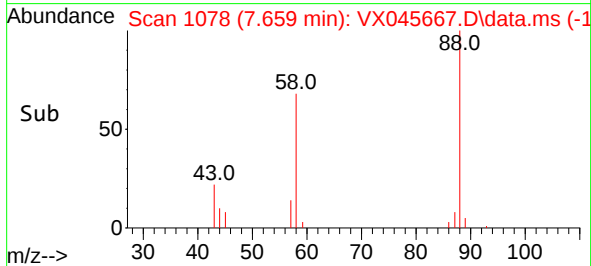
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 88 Resp: 1197
Ion Ratio Lower Upper
88 100
43 43.3 32.2 48.4
58 75.3 58.6 88.0

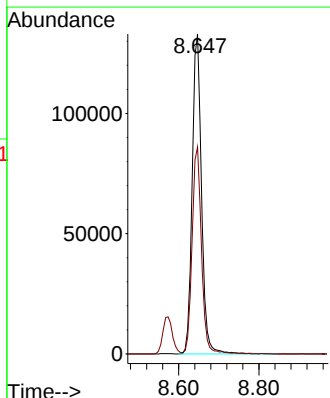
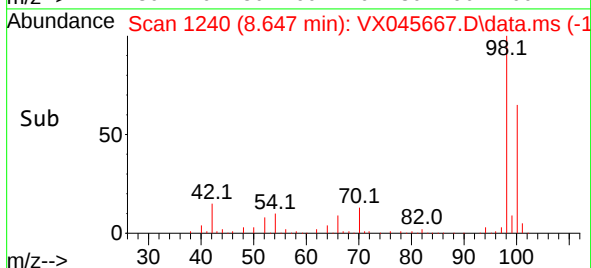
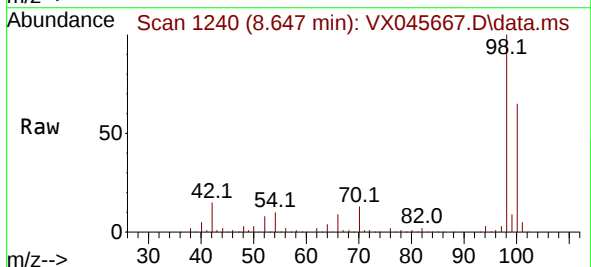
Manual Integrations
APPROVED

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



#50
Toluene-d8
Concen: 53.060 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Tgt Ion: 98 Resp: 214655
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





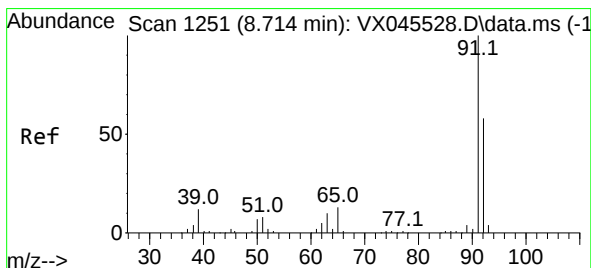
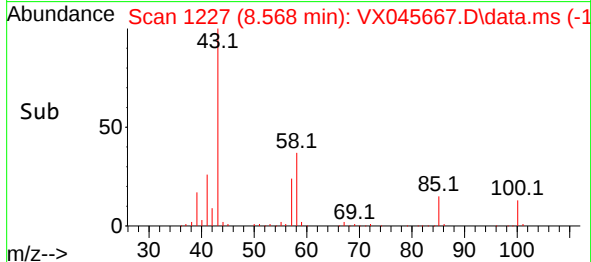
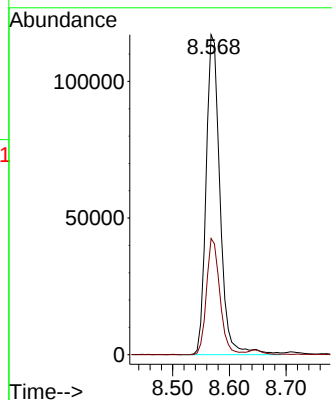
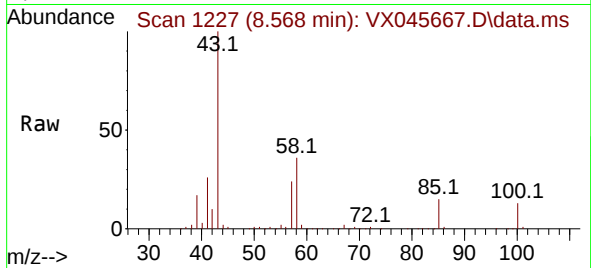
#51
4-Methyl-2-Pentanone
Concen: 100.967 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion: 43 Resp: 20006
Ion Ratio Lower Upper
43 100
58 35.1 28.5 42.7

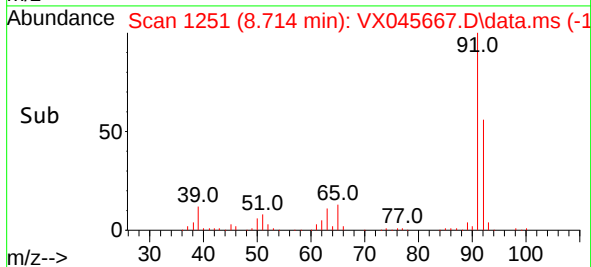
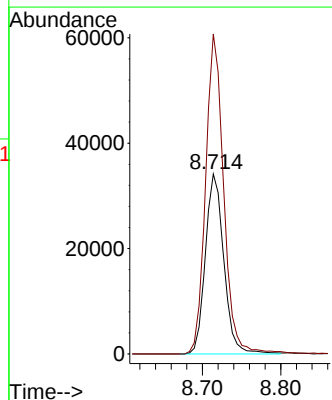
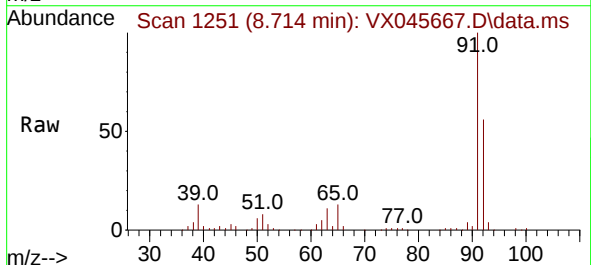
Manual Integrations
APPROVED

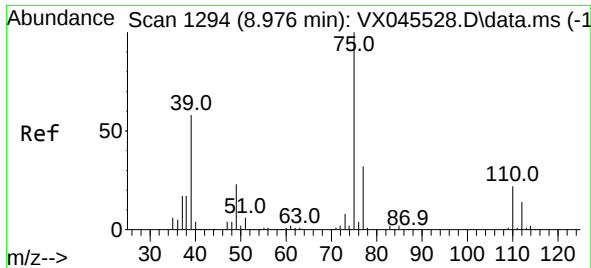
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#52
Toluene
Concen: 19.333 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

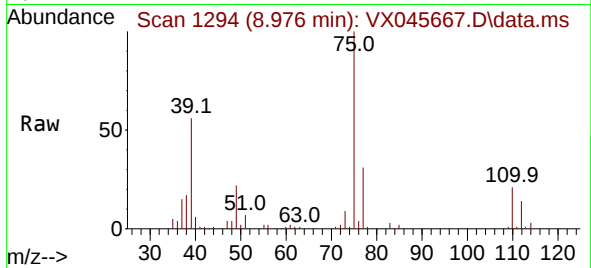
Tgt Ion: 92 Resp: 55913
Ion Ratio Lower Upper
92 100
91 174.8 138.7 208.1





#53
 t-1,3-Dichloropropene
 Concen: 18.684 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49

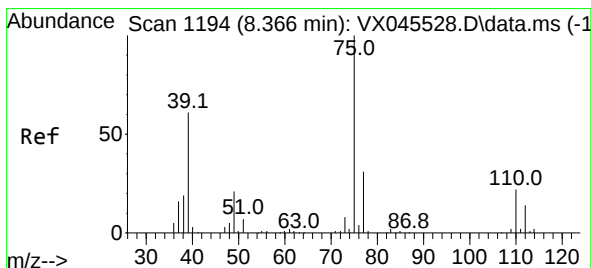
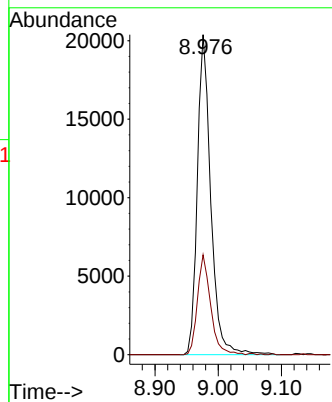
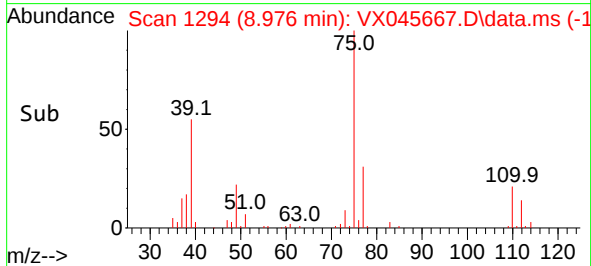
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01



Tgt Ion: 75 Resp: 30200
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0

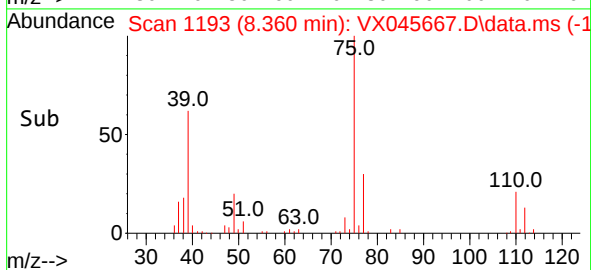
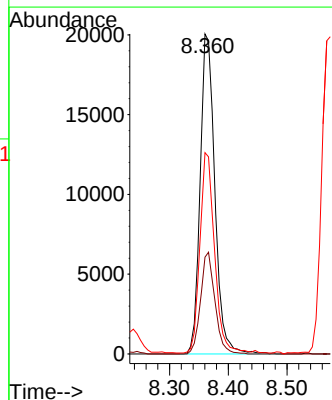
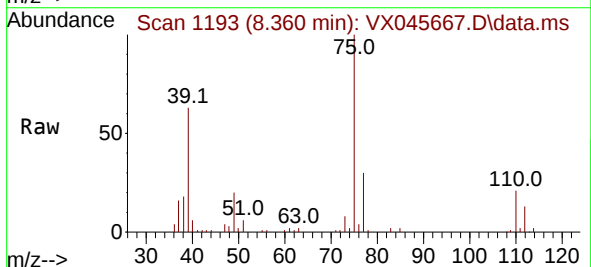
Manual Integrations
 APPROVED

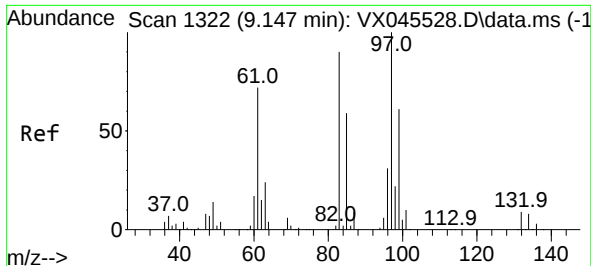
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#54
 cis-1,3-Dichloropropene
 Concen: 20.333 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49

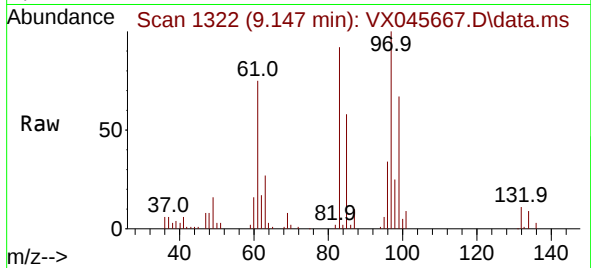
Tgt Ion: 75 Resp: 34931
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8
 39 62.6 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 19.926 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

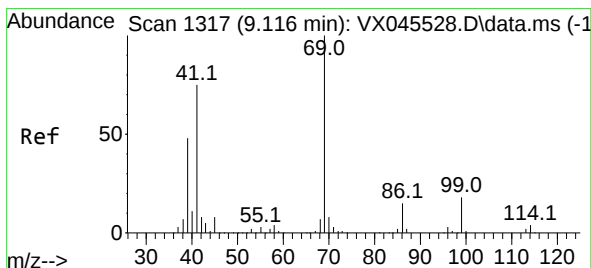
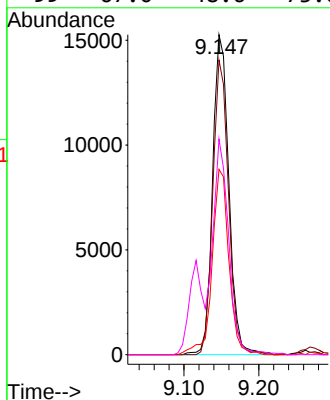
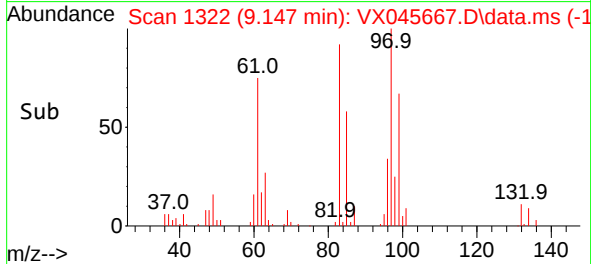
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



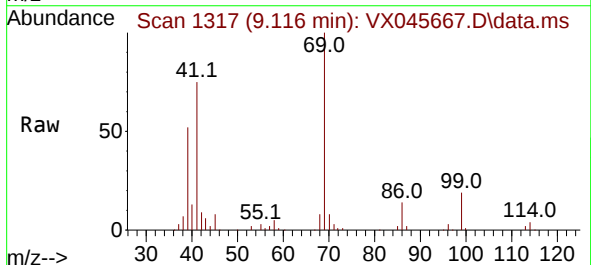
Tgt Ion: 97 Resp: 22964
Ion Ratio Lower Upper
97 100
83 92.0 71.8 107.8
85 57.9 47.0 70.6
99 67.0 48.6 73.0

Manual Integrations
APPROVED

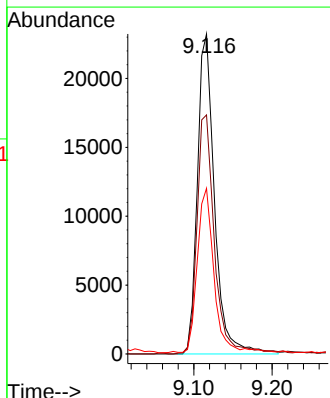
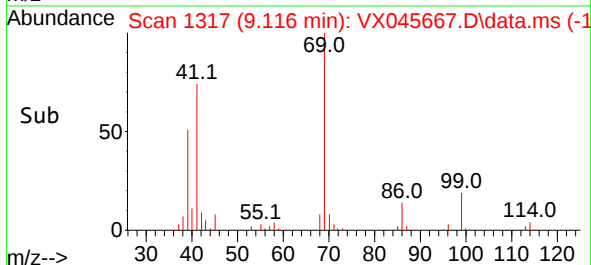
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

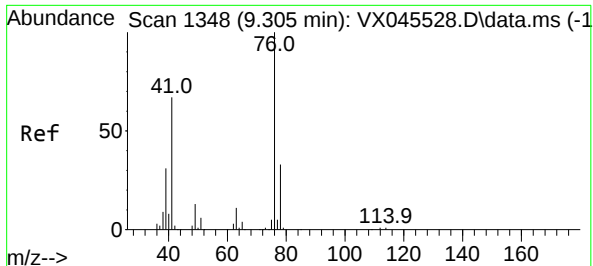


#56
Ethyl methacrylate
Concen: 19.790 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



Tgt Ion: 69 Resp: 35297
Ion Ratio Lower Upper
69 100
41 77.1 61.3 91.9
39 50.6 40.2 60.2





#57

1,3-Dichloropropane

Concen: 19.736 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tgt Ion: 76 Resp: 3960

Ion Ratio Lower Upper

76 100

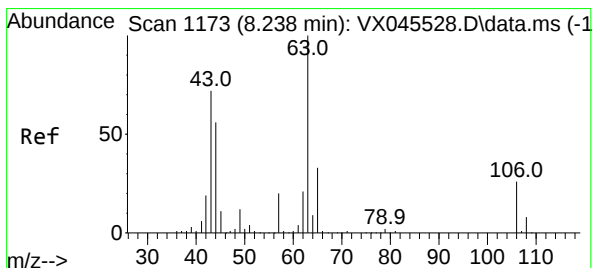
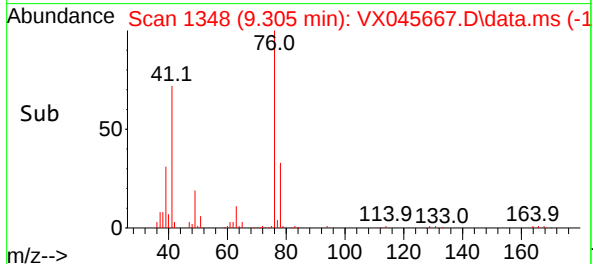
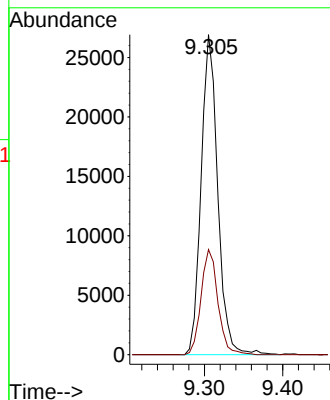
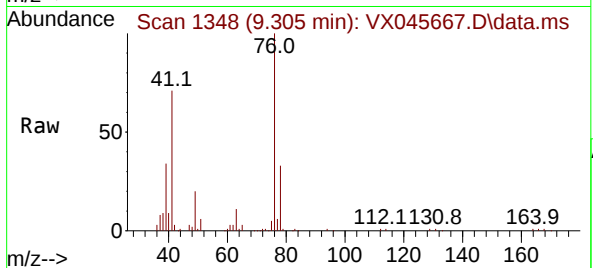
78 33.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.189 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045667.D

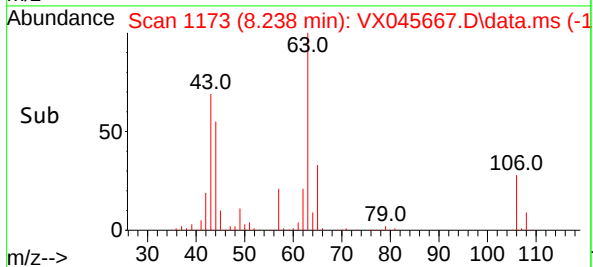
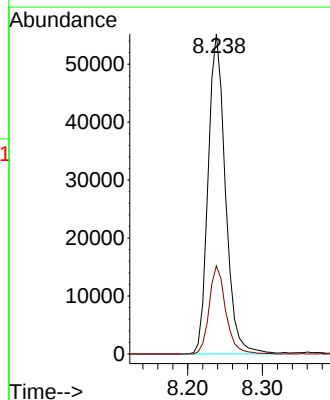
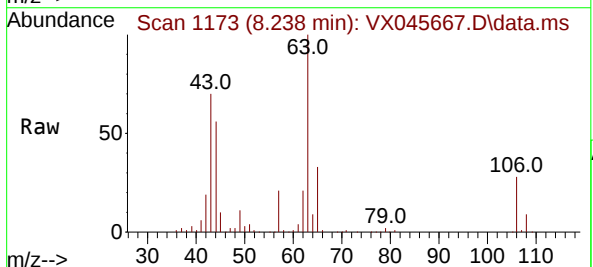
Acq: 09 Apr 2025 11:49

Tgt Ion: 63 Resp: 88591

Ion Ratio Lower Upper

63 100

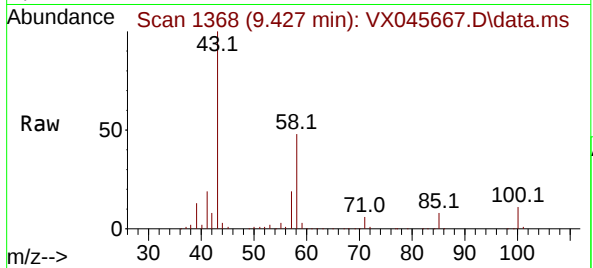
106 26.3 21.0 31.6





#59
2-Hexanone
Concen: 100.919 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

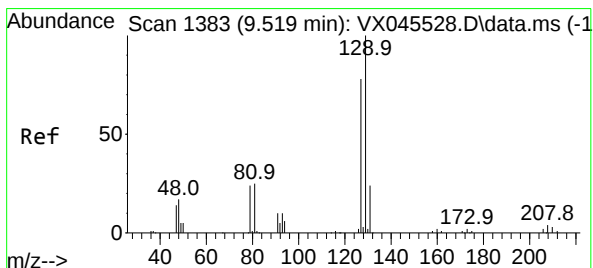
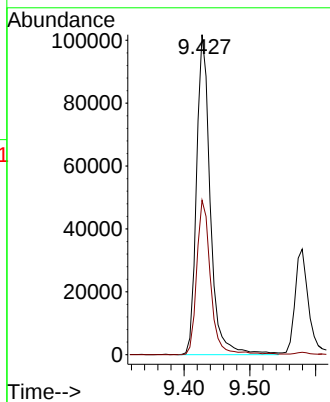
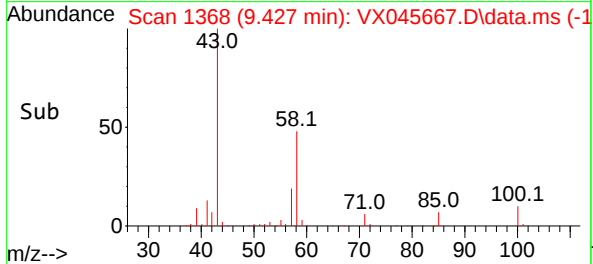
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 43 Resp: 148084
Ion Ratio Lower Upper
43 100
58 48.8 24.9 74.6

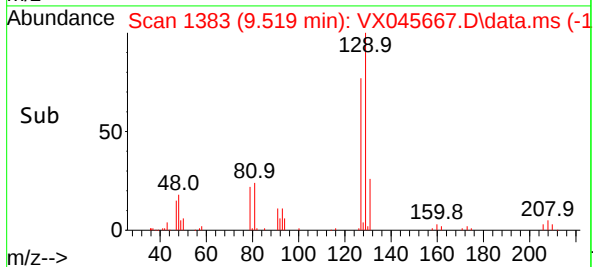
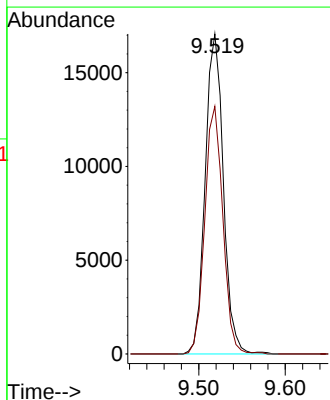
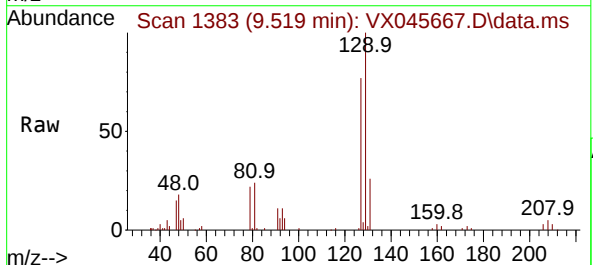
Manual Integrations
APPROVED

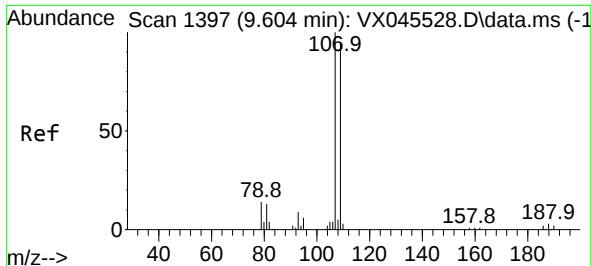
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#60
Dibromochloromethane
Concen: 19.763 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Tgt Ion:129 Resp: 24830
Ion Ratio Lower Upper
129 100
127 77.0 39.4 118.2





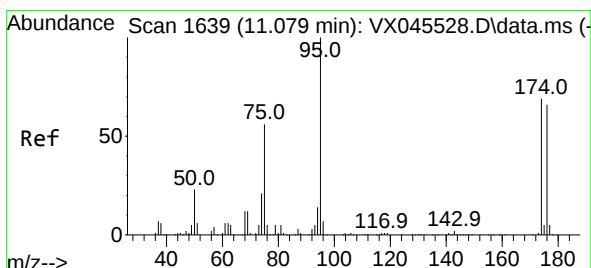
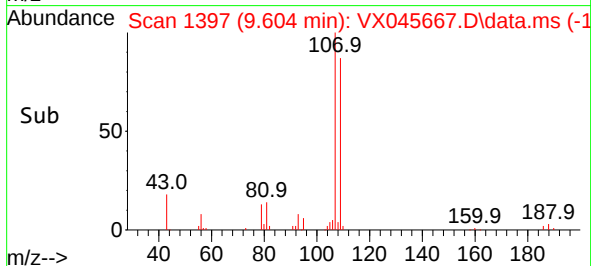
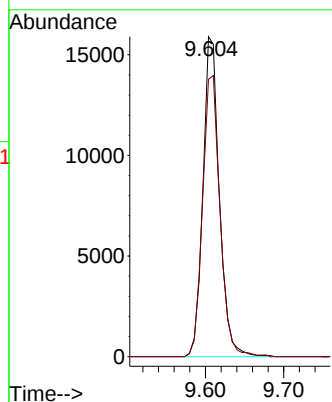
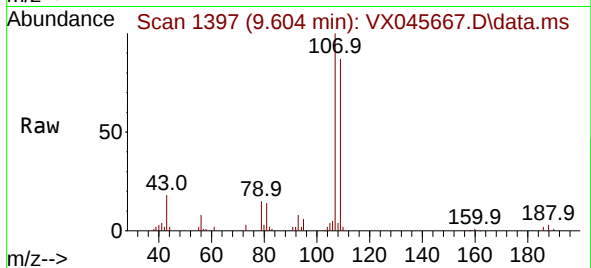
#61
1,2-Dibromoethane
Concen: 19.837 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion:107 Resp: 2314
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

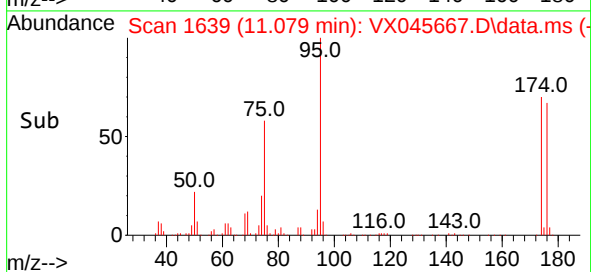
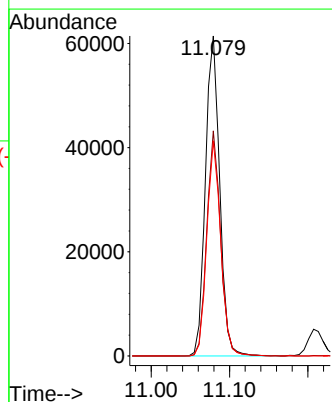
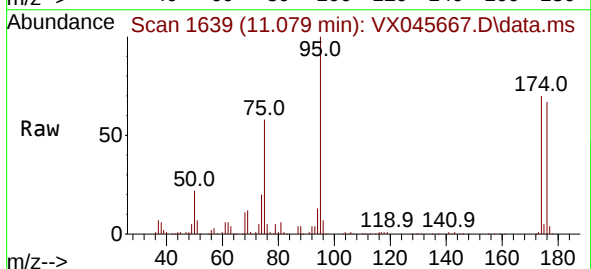
Manual Integrations
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 52.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

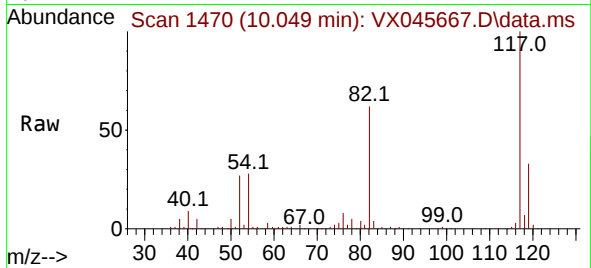
Tgt Ion: 95 Resp: 77473
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

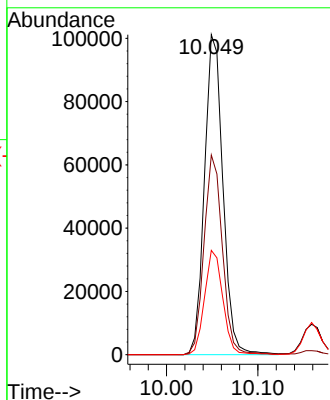
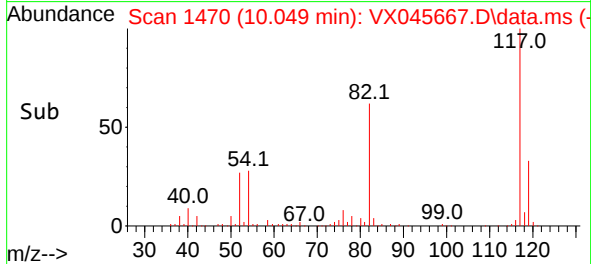
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion:117 Resp: 141398
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 32.6 25.1 37.7

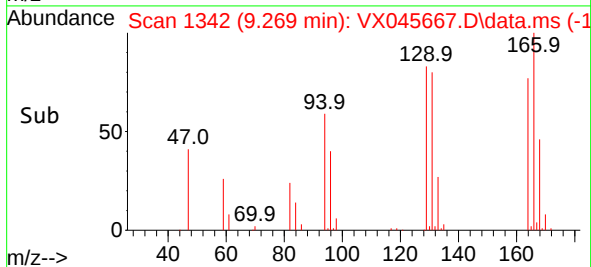
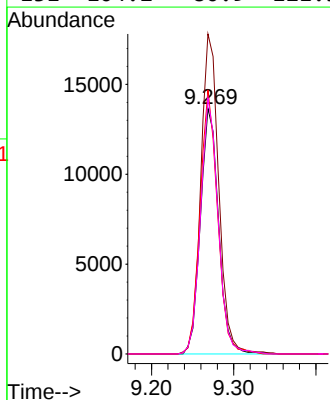
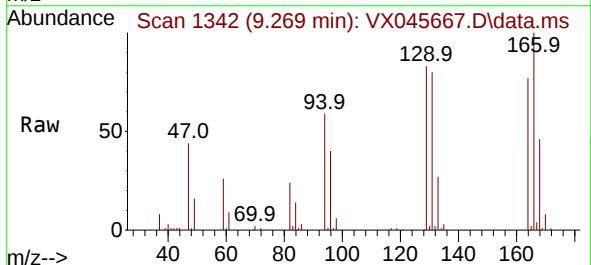
Manual Integrations
APPROVED

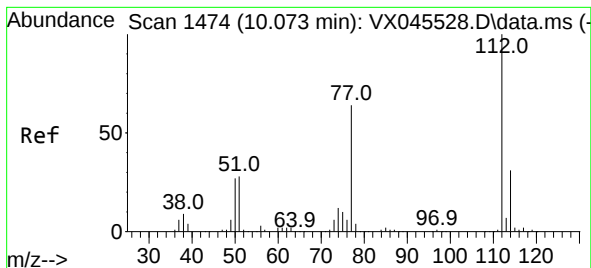
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#64
Tetrachloroethene
Concen: 20.935 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

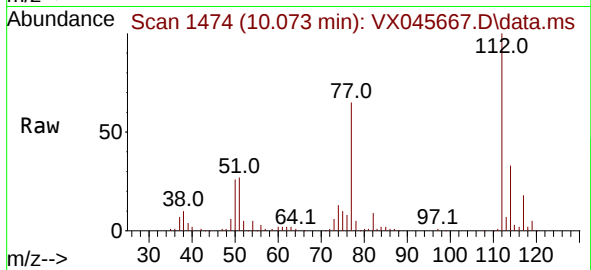
Tgt Ion:164 Resp: 20900
Ion Ratio Lower Upper
164 100
166 130.4 103.8 155.8
129 107.6 84.3 126.5
131 104.2 80.9 121.3





#65
Chlorobenzene
Concen: 20.348 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

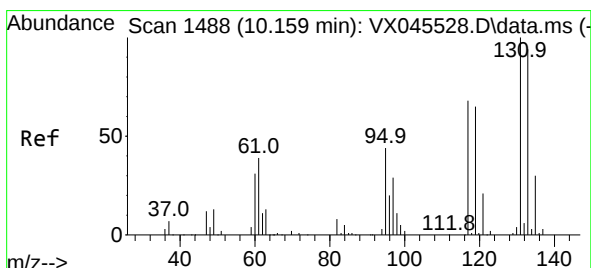
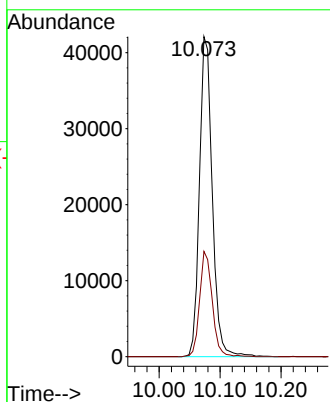
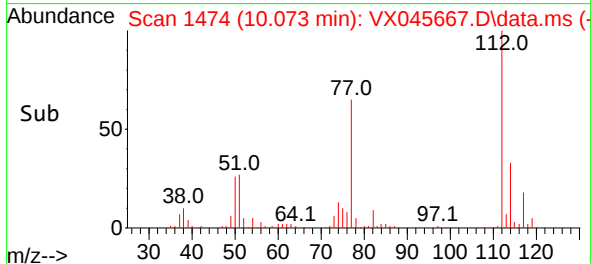
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



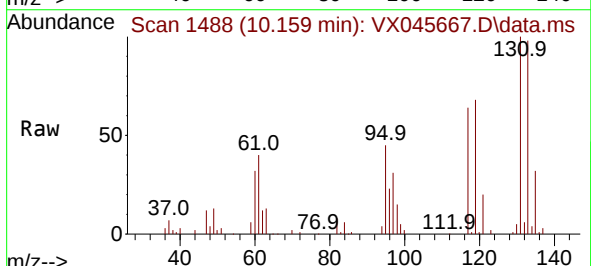
Tgt Ion:112 Resp: 61480
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1

Manual Integrations
APPROVED

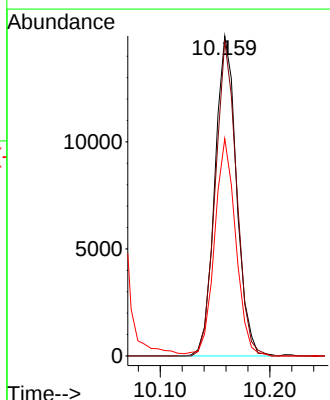
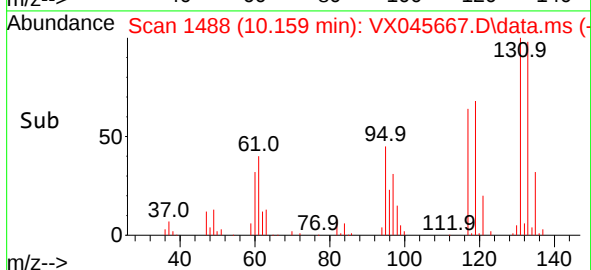
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

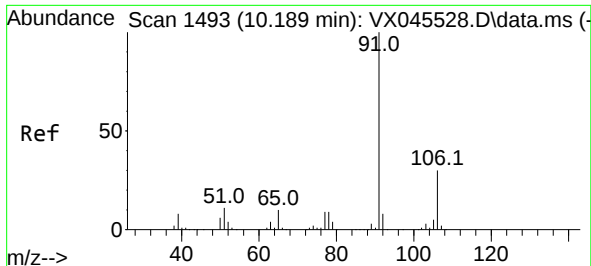


#66
1,1,1,2-Tetrachloroethane
Concen: 19.568 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



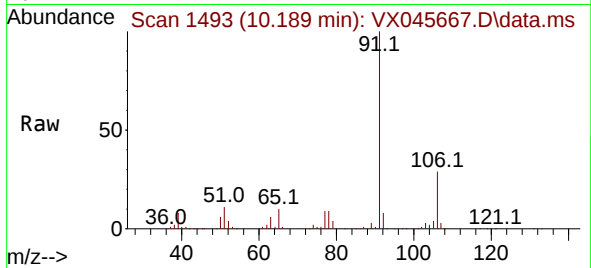
Tgt Ion:131 Resp: 20527
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 66.3 32.9 98.6





#67
Ethyl Benzene
Concen: 20.024 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

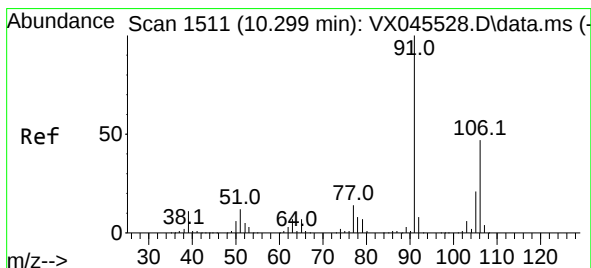
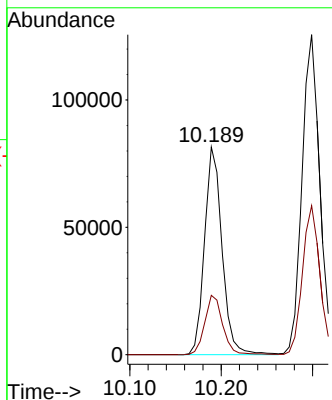
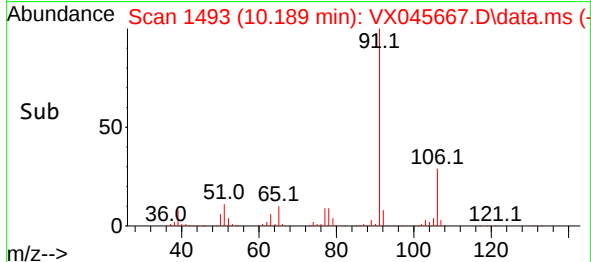
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 91 Resp: 108358
Ion Ratio Lower Upper
91 100
106 28.6 23.7 35.5

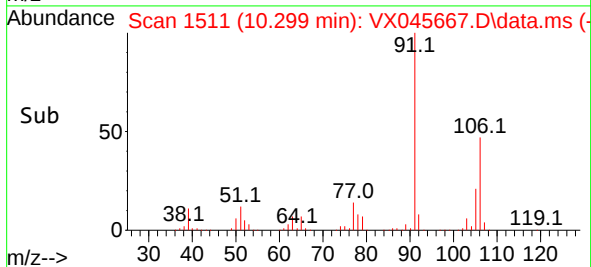
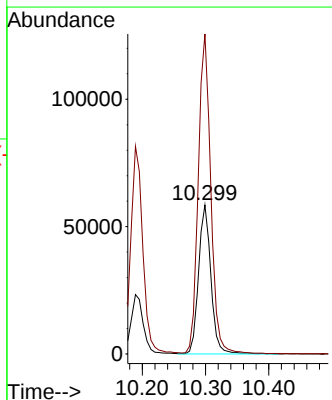
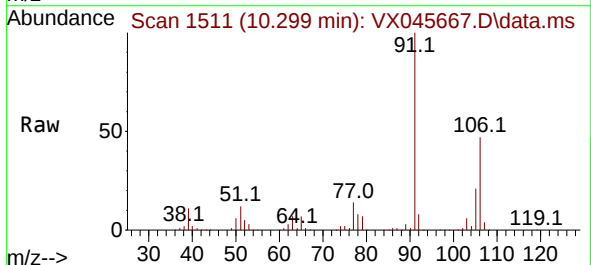
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 40.521 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Tgt Ion:106 Resp: 79752
Ion Ratio Lower Upper
106 100
91 217.6 172.6 258.8





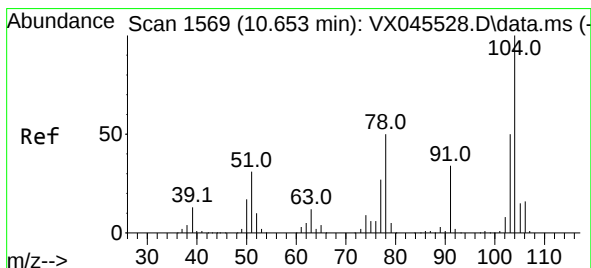
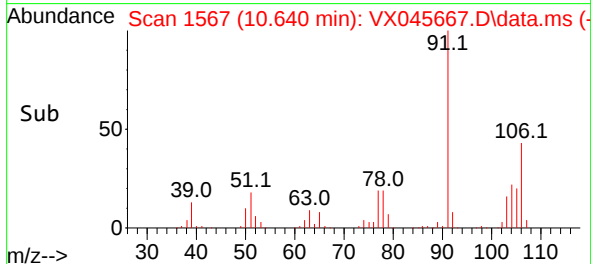
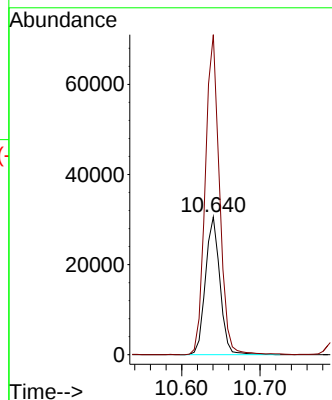
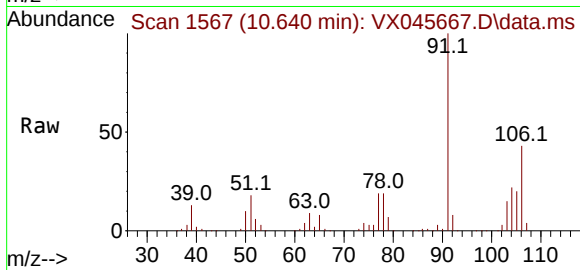
#69
o-Xylene
Concen: 20.186 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion:106 Resp: 3913
Ion Ratio Lower Upper
106 100
91 229.1 113.6 340.6

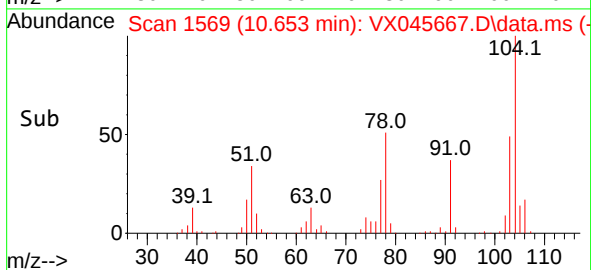
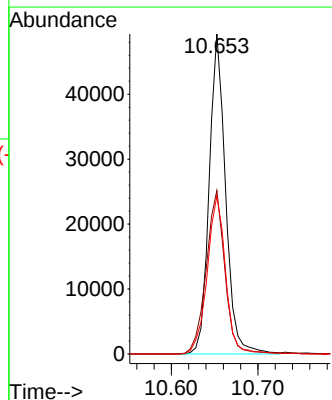
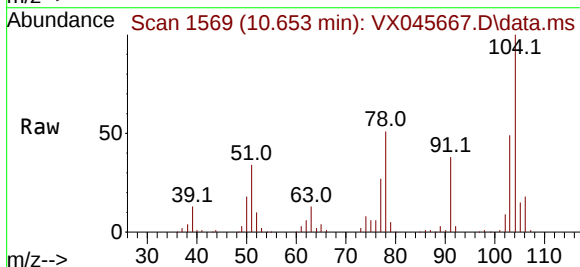
Manual Integrations
APPROVED

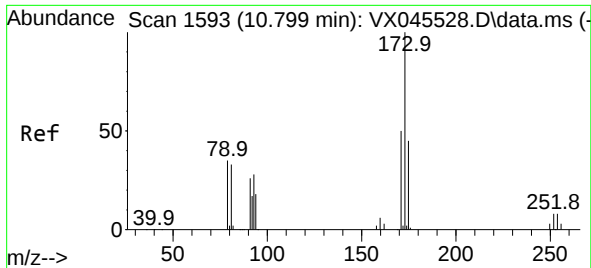
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#70
Styrene
Concen: 20.258 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

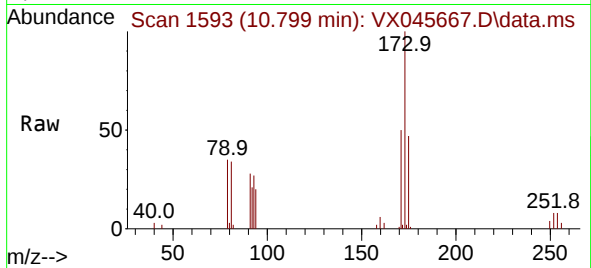
Tgt Ion:104 Resp: 64826
Ion Ratio Lower Upper
104 100
78 58.3 45.4 68.2
103 55.6 43.8 65.8





#71
Bromoform
Concen: 19.502 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

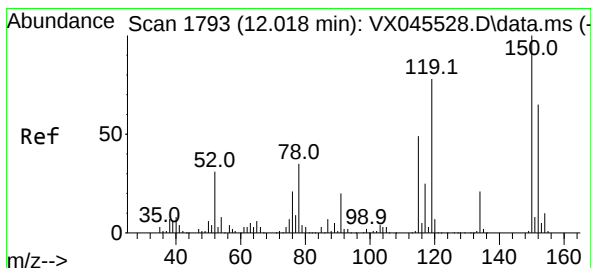
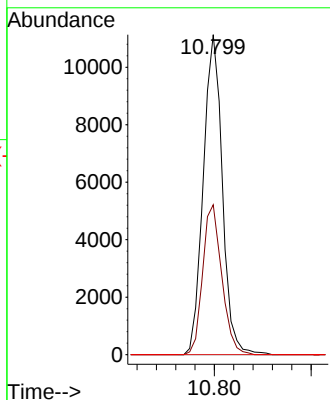
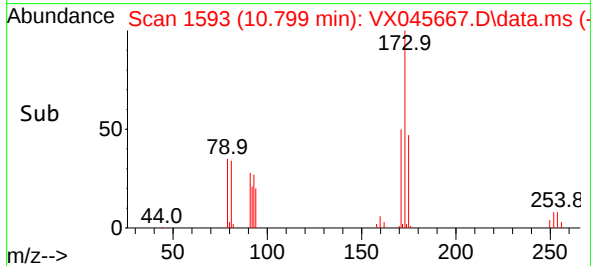
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion:173 Resp: 1527
Ion Ratio Lower Upper
173 100
175 46.9 23.4 70.2
254 0.0 0.0 0.0

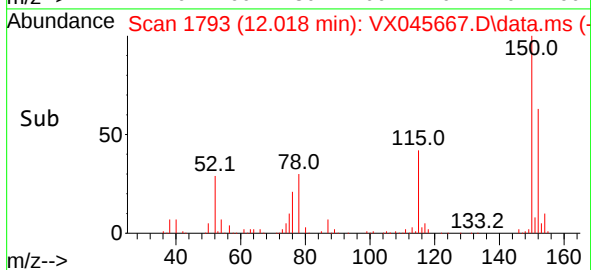
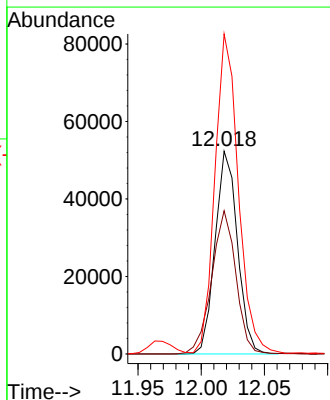
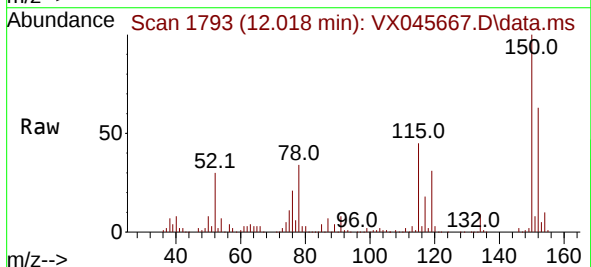
Manual Integrations
APPROVED

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: VX045667.D
Acq: 09 Apr 2025 11:49

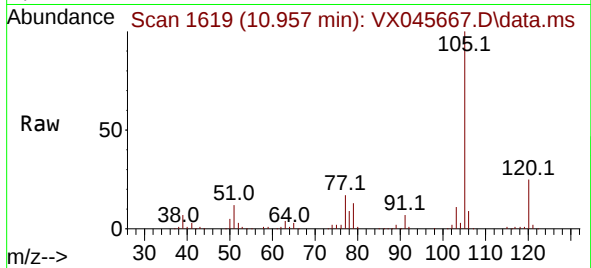
Tgt Ion:152 Resp: 64175
Ion Ratio Lower Upper
152 100
115 76.7 46.9 140.7
150 164.3 0.0 349.4





#73
Isopropylbenzene
Concen: 20.330 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

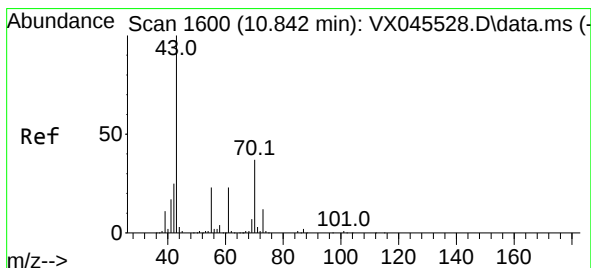
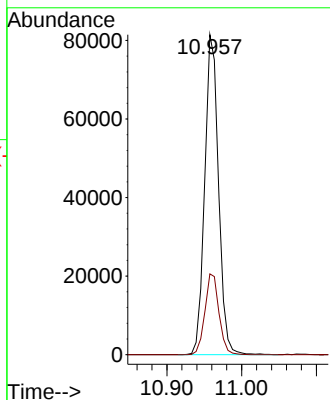
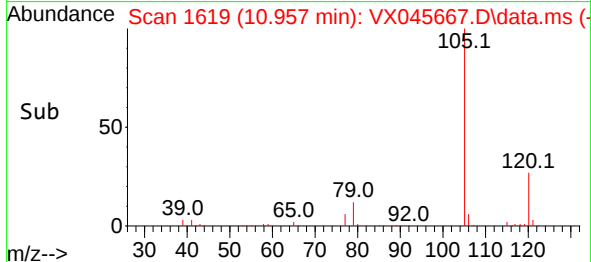
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



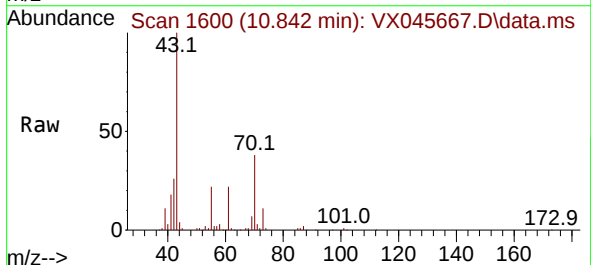
Tgt Ion:105 Resp: 104500
Ion Ratio Lower Upper
105 100
120 25.7 12.7 38.0

Manual Integrations
APPROVED

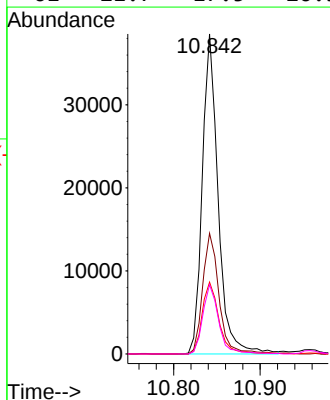
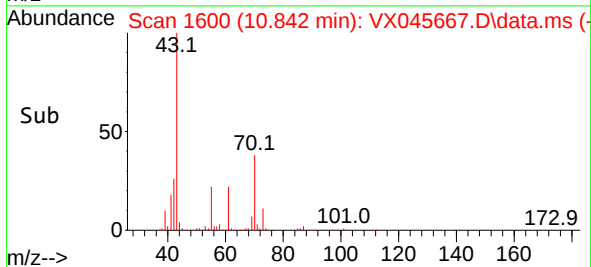
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

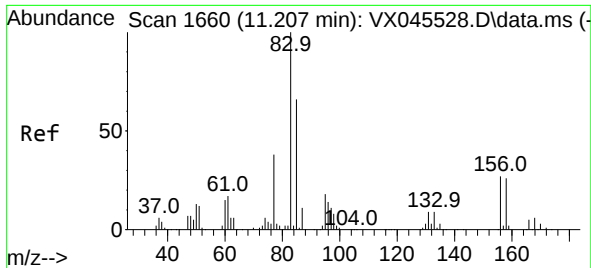


#74
N-ethyl acetate
Concen: 19.937 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



Tgt Ion: 43 Resp: 49023
Ion Ratio Lower Upper
43 100
70 38.9 30.1 45.1
55 23.9 18.3 27.5
61 21.7 17.5 26.3





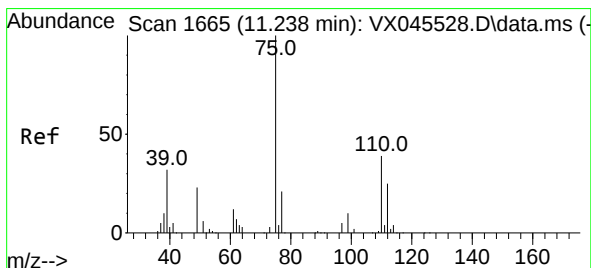
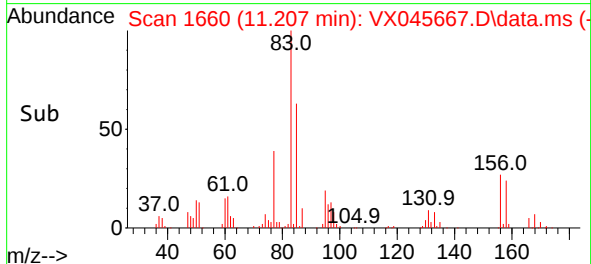
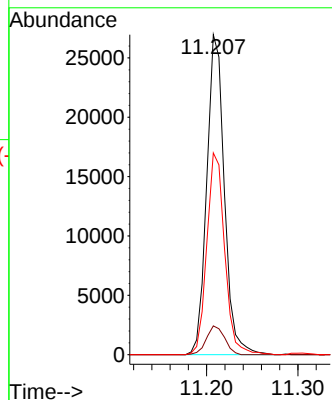
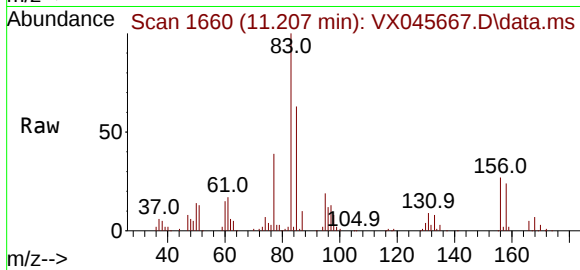
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.910 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tgt Ion: 83 Resp: 35954
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.7 14.1
 85 64.0 32.4 97.2

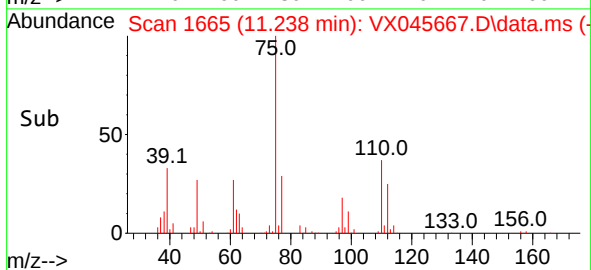
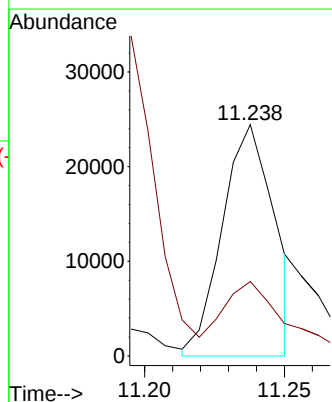
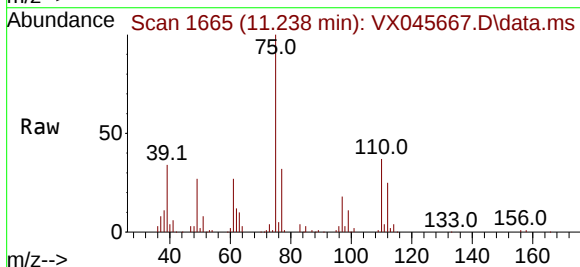
Manual Integrations
 APPROVED

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



#76
 1,2,3-Trichloropropane
 Concen: 20.180 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49

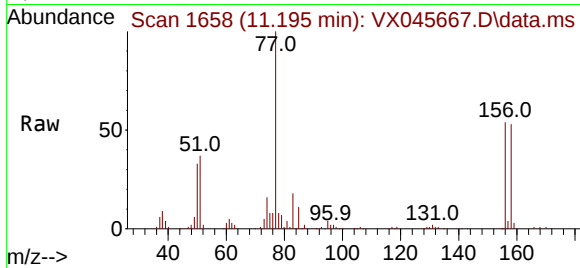
Tgt Ion: 75 Resp: 31590
 Ion Ratio Lower Upper
 75 100
 77 39.7 20.0 59.9





#77
Bromobenzene
Concen: 20.325 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

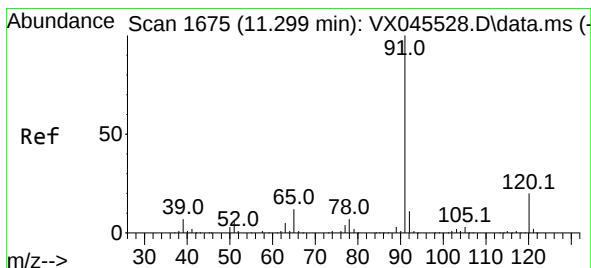
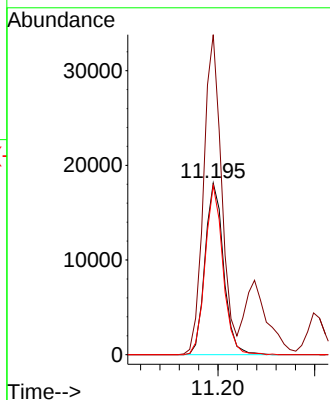
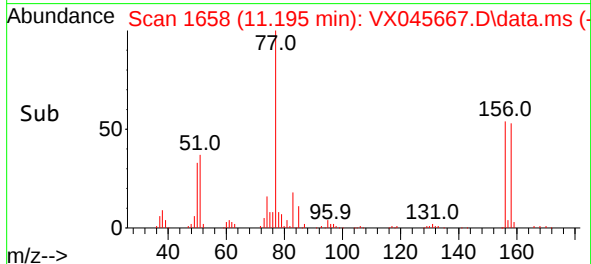
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



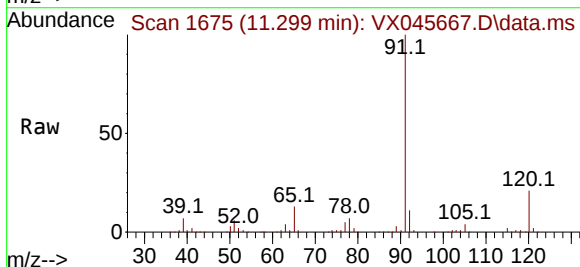
Tgt Ion:156 Resp: 2414
Ion Ratio Lower Upper
156 100
77 181.5 92.6 277.8
158 95.2 48.1 144.4

Manual Integrations
APPROVED

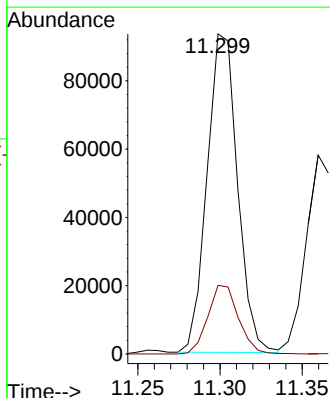
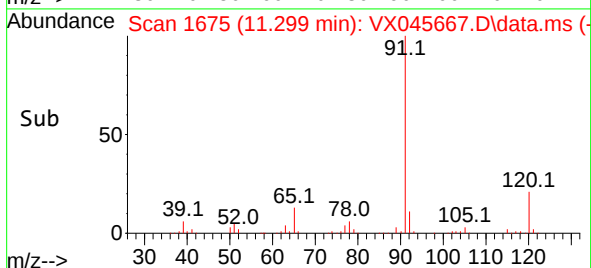
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#78
n-propylbenzene
Concen: 20.329 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



Tgt Ion: 91 Resp: 120369
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





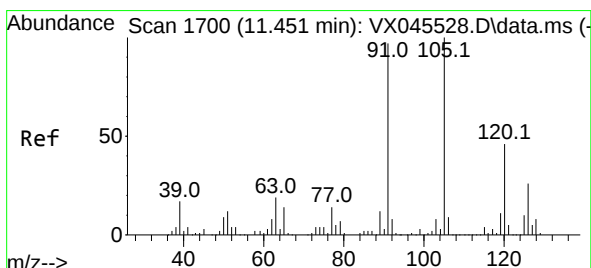
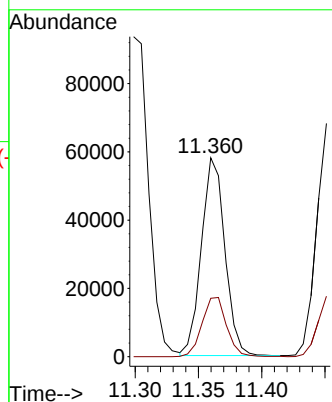
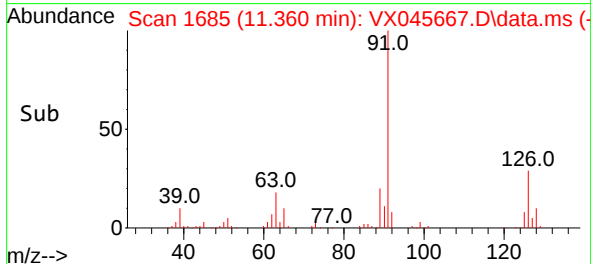
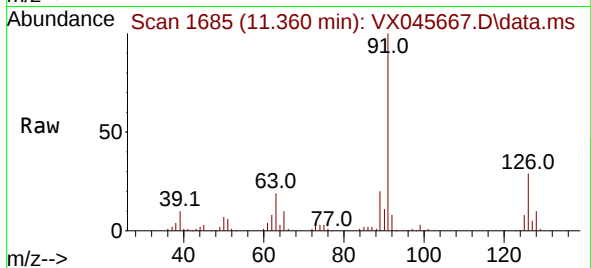
#79
2-Chlorotoluene
Concen: 19.813 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion: 91 Resp: 74998
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.4

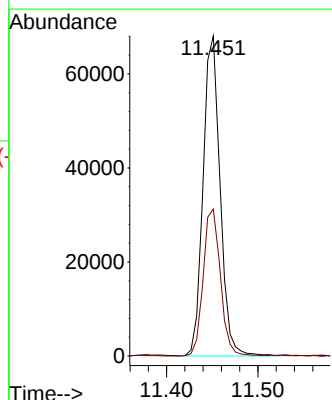
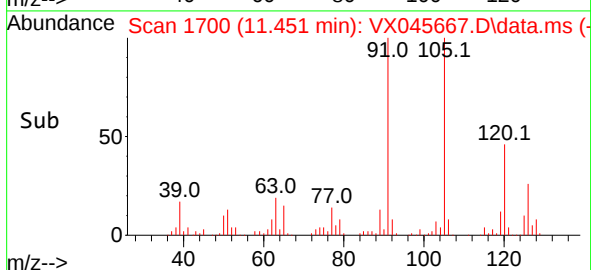
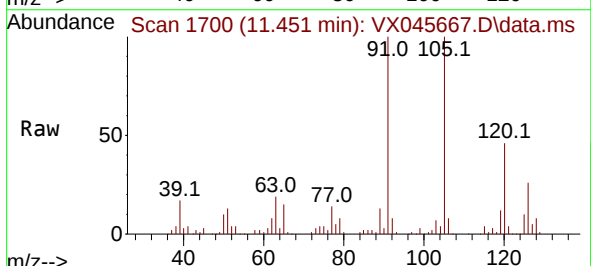
Manual Integrations
APPROVED

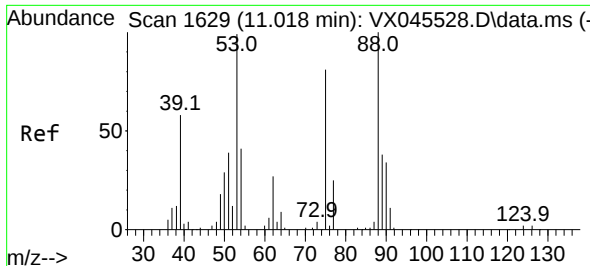
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.715 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

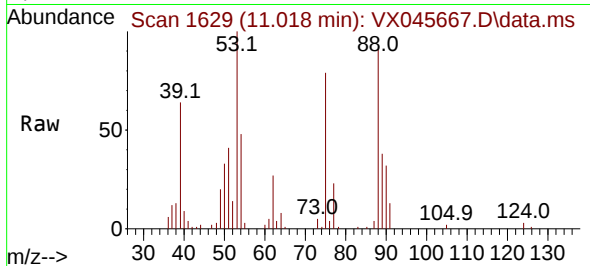
Tgt Ion:105 Resp: 88053
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.806 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

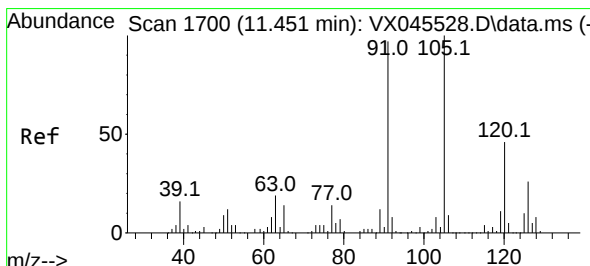
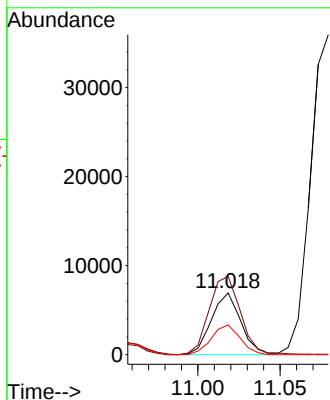
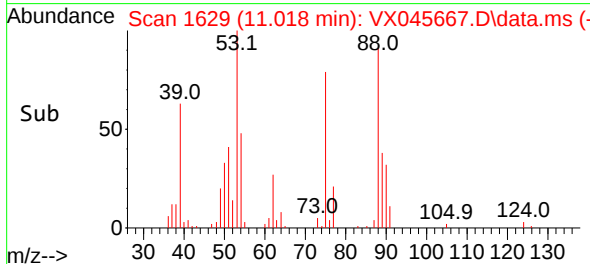
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



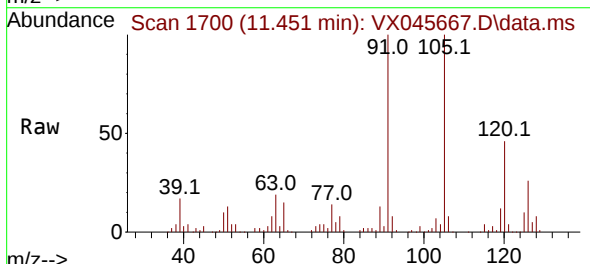
Tgt Ion: 75 Resp: 8674
Ion Ratio Lower Upper
75 100
53 134.5 101.8 152.6
89 46.8 37.2 55.8

Manual Integrations
APPROVED

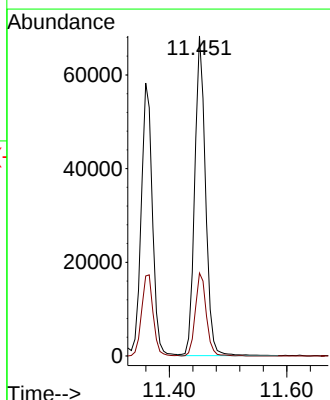
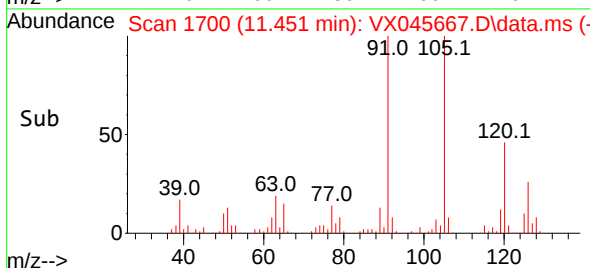
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

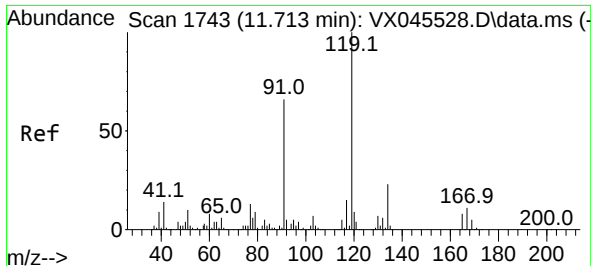


#82
4-Chlorotoluene
Concen: 20.575 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



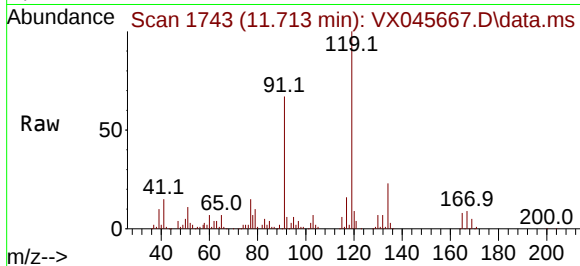
Tgt Ion: 91 Resp: 86832
Ion Ratio Lower Upper
91 100
126 26.4 13.3 39.9





#83
tert-Butylbenzene
Concen: 20.152 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

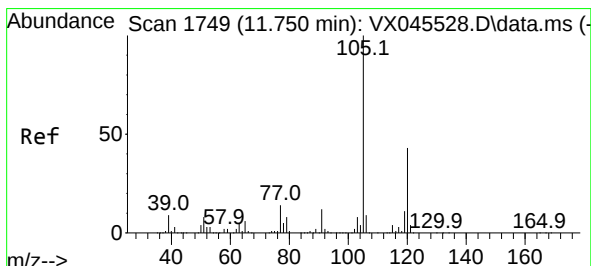
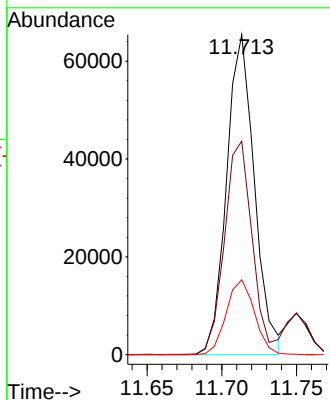
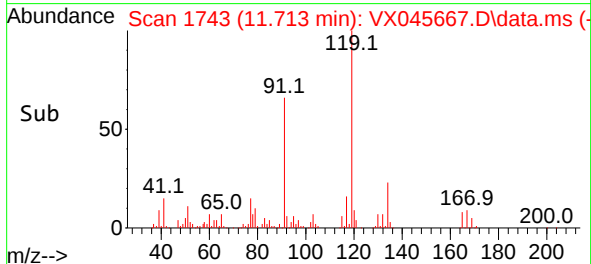
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



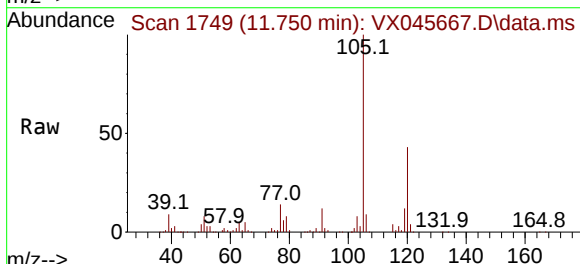
Tgt Ion:119 Resp: 8480
Ion Ratio Lower Upper
119 100
91 65.9 32.4 97.2
134 23.7 11.5 34.5

Manual Integrations
APPROVED

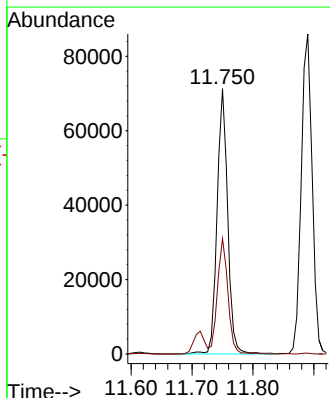
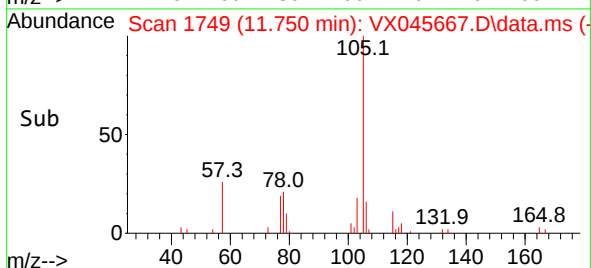
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.195 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



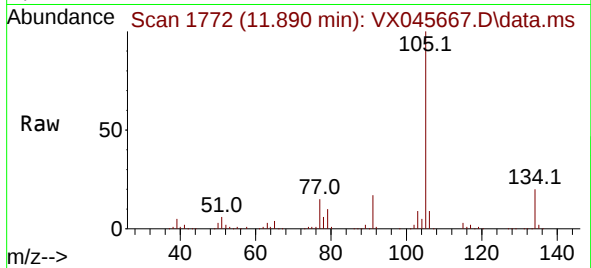
Tgt Ion:105 Resp: 86160
Ion Ratio Lower Upper
105 100
120 43.3 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 20.682 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49

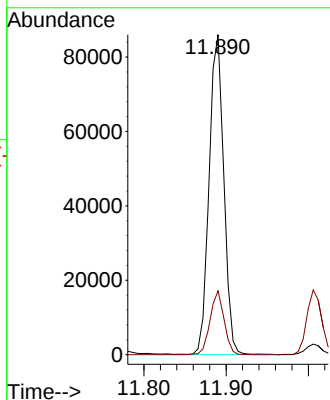
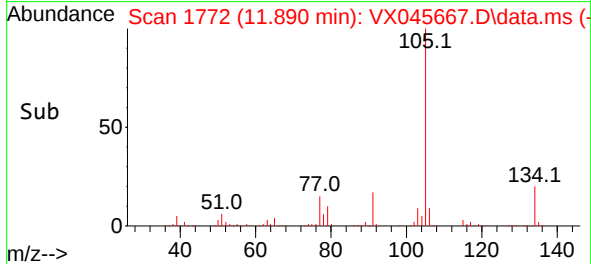
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01



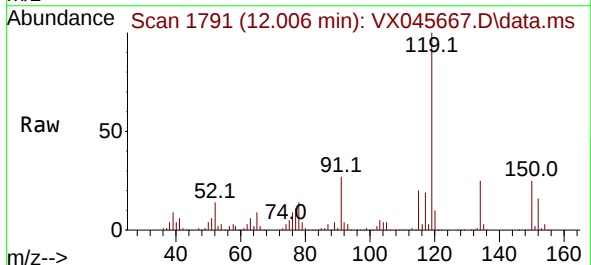
Tgt Ion:105 Resp: 10690
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6

Manual Integrations
 APPROVED

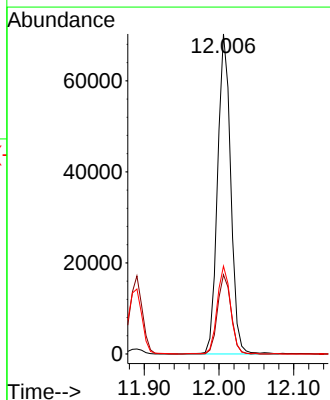
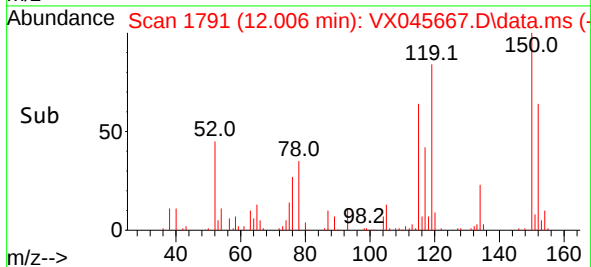
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#86
 p-Isopropyltoluene
 Concen: 20.201 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045667.D
 Acq: 09 Apr 2025 11:49



Tgt Ion:119 Resp: 86083
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 27.9 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 19.841 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

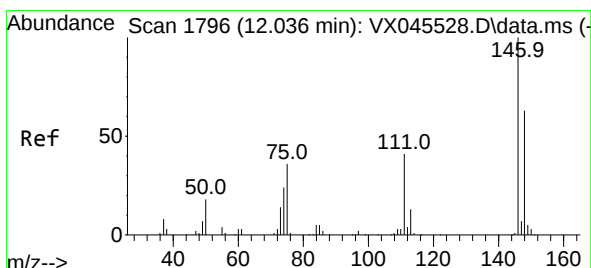
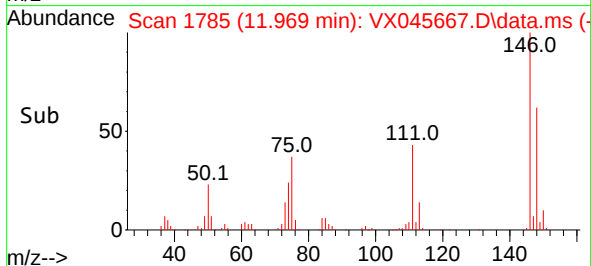
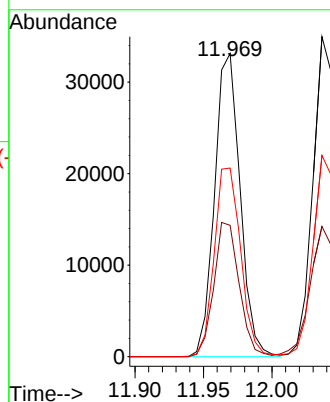
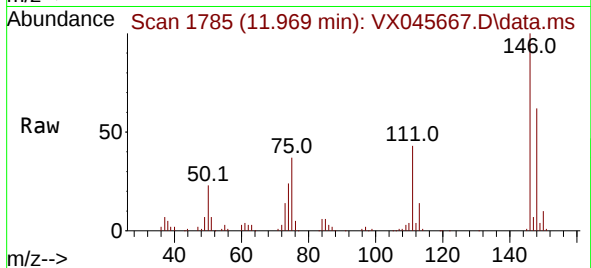
Tgt Ion:146 Resp: 42890
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.2 66.6
 148 64.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#88

1,4-Dichlorobenzene

Concen: 19.938 ug/l

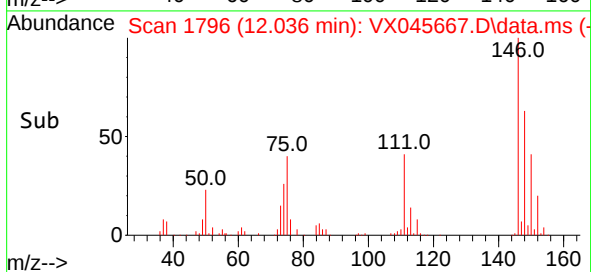
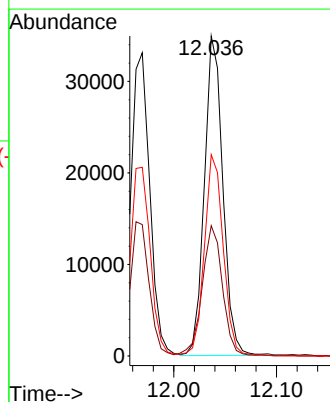
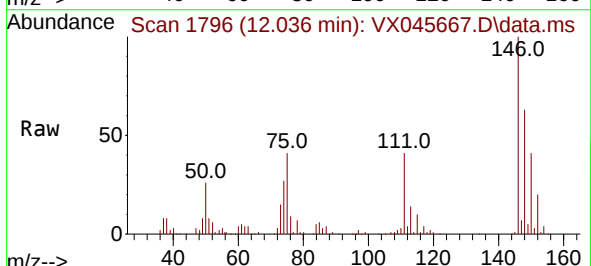
RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045667.D

Acq: 09 Apr 2025 11:49

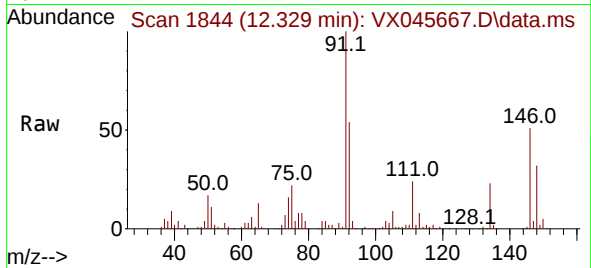
Tgt Ion:146 Resp: 43700
 Ion Ratio Lower Upper
 146 100
 111 44.4 20.9 62.8
 148 64.3 31.5 94.5





#89
n-Butylbenzene
Concen: 20.141 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

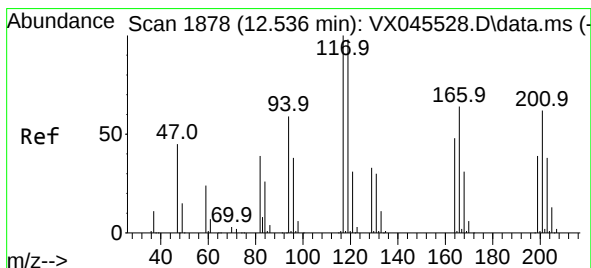
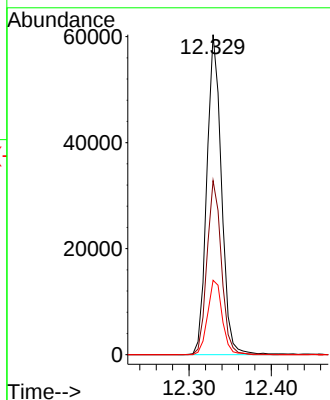
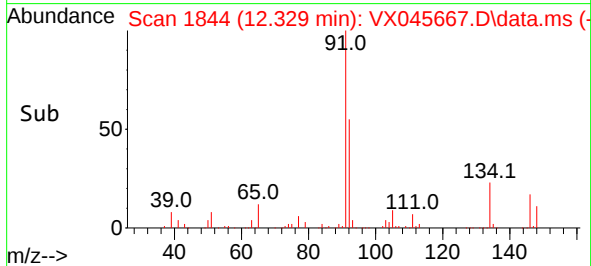
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



Tgt Ion: 91 Resp: 74429
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 23.3 11.9 35.7

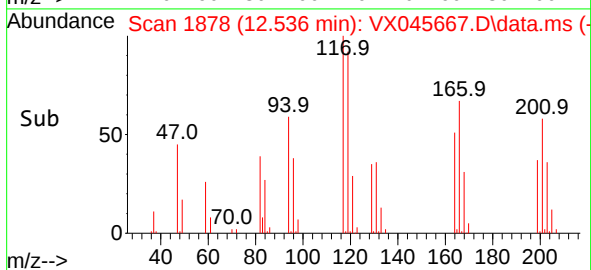
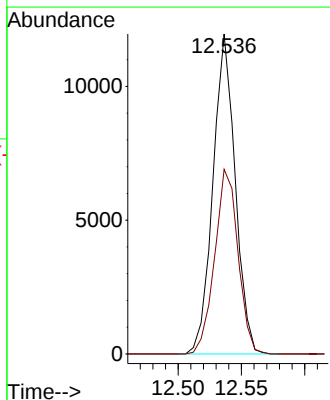
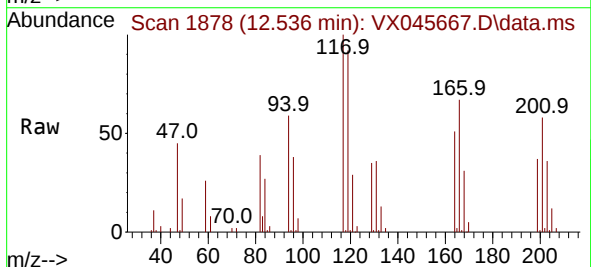
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 19.934 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

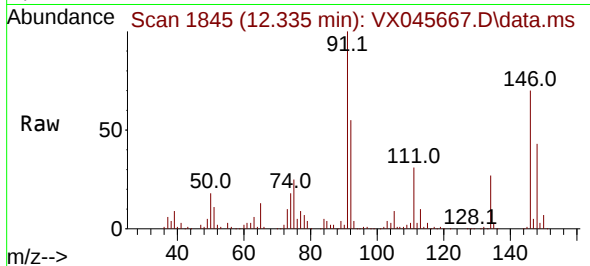
Tgt Ion:117 Resp: 14599
Ion Ratio Lower Upper
117 100
201 60.5 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 20.565 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

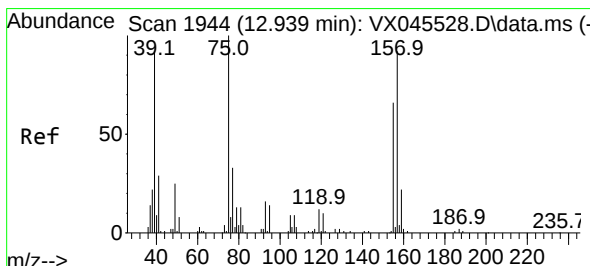
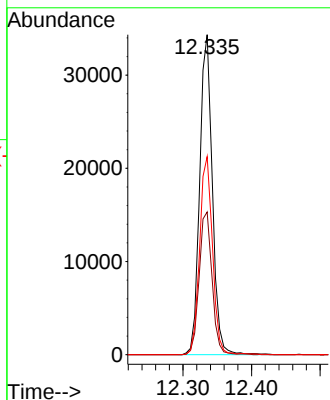
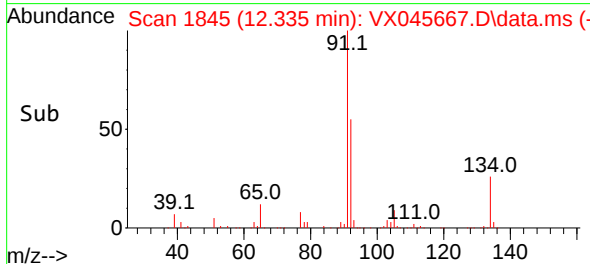
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



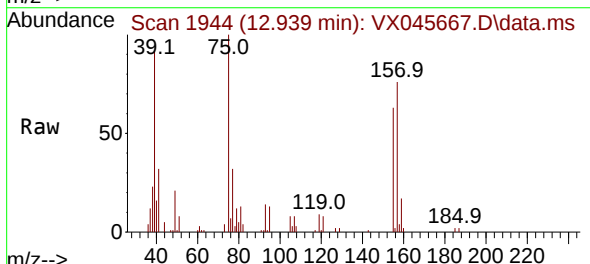
Tgt Ion: 146 Resp: 4420
Ion Ratio Lower Upper
146 100
111 45.7 22.9 68.8
148 62.9 31.9 95.5

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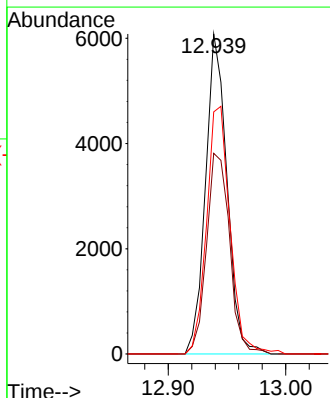
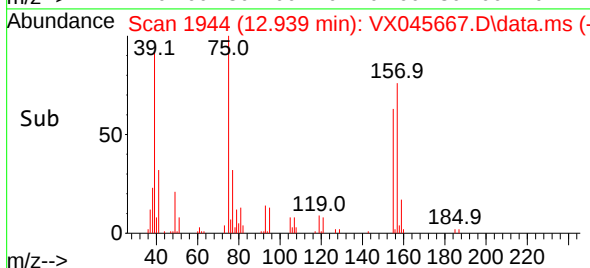
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

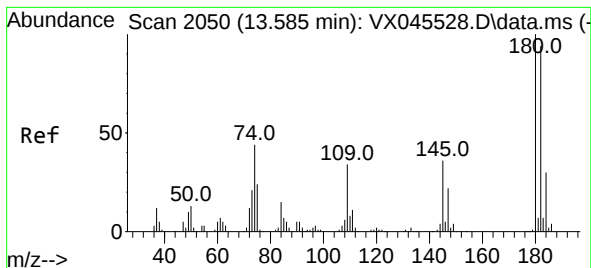


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.447 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



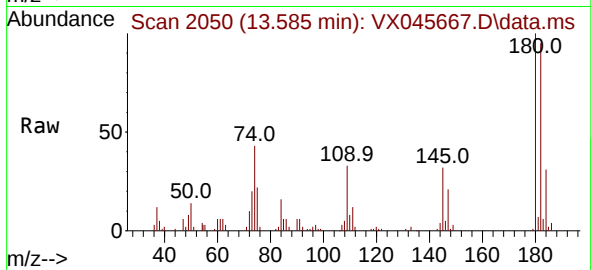
Tgt Ion: 75 Resp: 7722
Ion Ratio Lower Upper
75 100
155 67.4 34.9 104.7
157 84.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.140 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

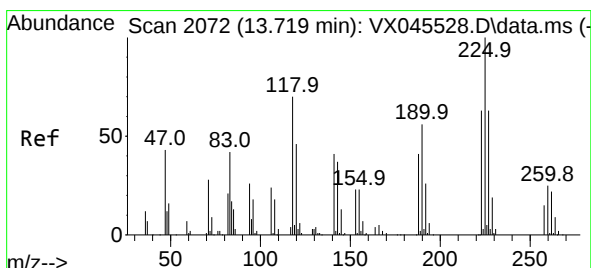
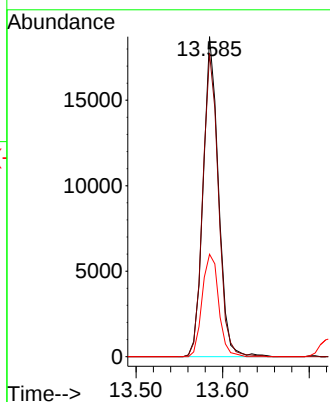
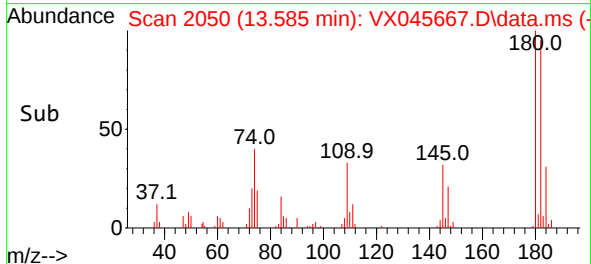
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



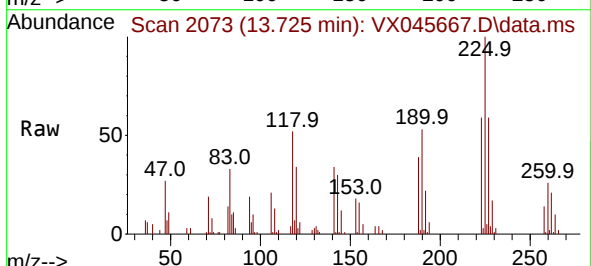
Tgt Ion:180 Resp: 2290
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.6
145 34.5 17.9 53.8

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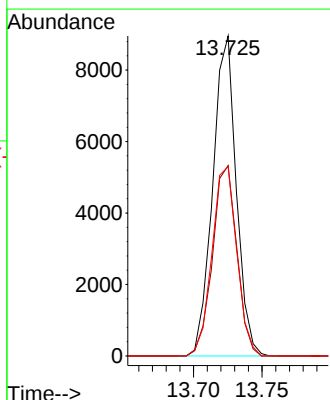
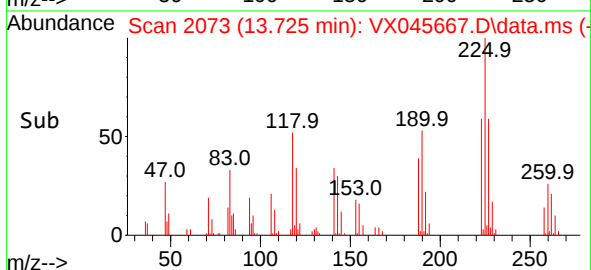
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

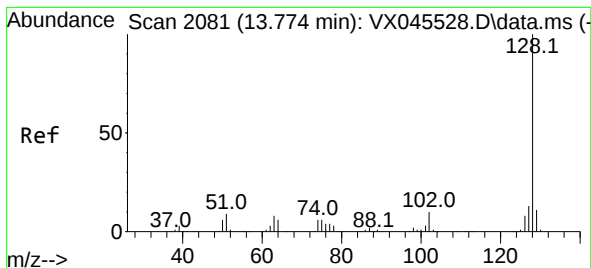


#94
Hexachlorobutadiene
Concen: 20.712 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



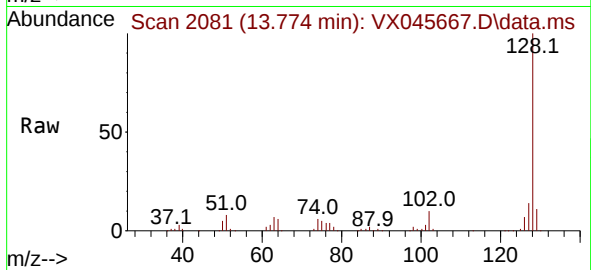
Tgt Ion:225 Resp: 10679
Ion Ratio Lower Upper
225 100
223 61.4 31.1 93.3
227 62.4 32.2 96.6





#95
Naphthalene
Concen: 19.591 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49

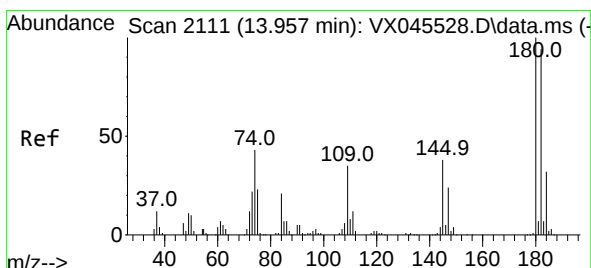
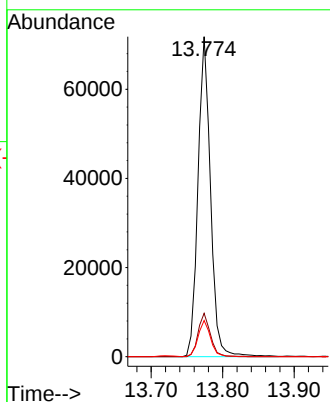
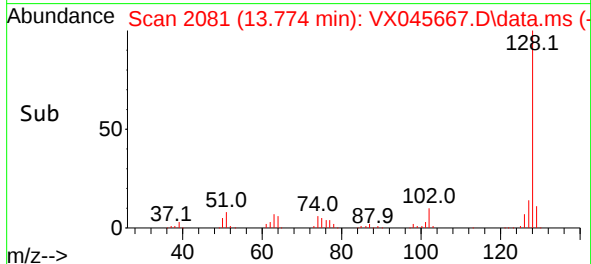
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01



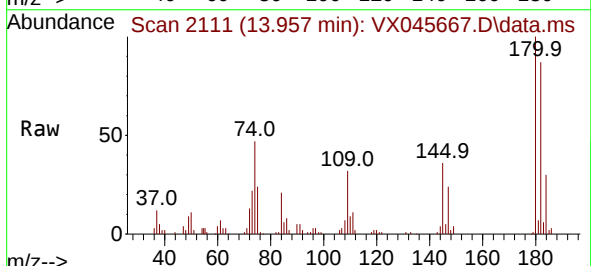
Tgt Ion:128 Resp: 87230
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.742 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045667.D
Acq: 09 Apr 2025 11:49



Tgt Ion:180 Resp: 24734
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.8
145 36.8 18.2 54.6

