

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048157.D
 Acq On : 14 Oct 2025 11:47
 Operator : JC/MD
 Sample : VX1014WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2025
 Supervised By : Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 02:41:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	130530	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	213217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	200566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	92038	44.298	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.600%		
35) Dibromofluoromethane	5.367	113	77345	54.089	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.180%		
50) Toluene-d8	8.635	98	258374	52.219	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.440%		
62) 4-Bromofluorobenzene	11.061	95	102670	54.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	29476	21.807	ug/l	94
3) Chloromethane	1.300	50	32046	18.039	ug/l	98
4) Vinyl Chloride	1.380	62	33071	19.018	ug/l	97
5) Bromomethane	1.617	94	20708	18.780	ug/l	99
6) Chloroethane	1.697	64	18547	15.958	ug/l	98
7) Trichlorofluoromethane	1.898	101	47096	18.240	ug/l	99
8) Diethyl Ether	2.136	74	14507	13.735	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	29464	19.516	ug/l	99
10) Methyl Iodide	2.453	142	33428	14.197	ug/l	99
11) Tert butyl alcohol	2.940	59	14374	62.117	ug/l	99
12) 1,1-Dichloroethene	2.325	96	28376	18.297	ug/l	95
13) Acrolein	2.233	56	13742	64.444	ug/l	97
14) Allyl chloride	2.666	41	47286	14.776	ug/l	96
15) Acrylonitrile	3.056	53	65253	76.130	ug/l	99
16) Acetone	2.373	43	56532	62.577	ug/l	95
17) Carbon Disulfide	2.514	76	84341	19.866	ug/l	99
18) Methyl Acetate	2.697	43	26071	12.967	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	89682	15.841	ug/l	100
20) Methylene Chloride	2.788	84	32653	17.076	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	30136	18.049	ug/l	93
22) Diisopropyl ether	3.751	45	102369	16.506	ug/l	99
23) Vinyl Acetate	3.709	43	375976	75.744	ug/l	98
24) 1,1-Dichloroethane	3.605	63	57257	17.369	ug/l	99
25) 2-Butanone	4.538	43	79711	70.737	ug/l	98
26) 2,2-Dichloropropane	4.458	77	47984	17.511	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	36523	17.862	ug/l	97
28) Bromochloromethane	4.885	49	26087	18.127	ug/l	91
29) Tetrahydrofuran	4.989	42	47915	70.682	ug/l	97
30) Chloroform	5.080	83	61094	18.340	ug/l	93
31) Cyclohexane	5.458	56	51644	18.810	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	53496	18.933	ug/l	99
36) 1,1-Dichloropropene	5.678	75	42143	20.169	ug/l	98
37) Ethyl Acetate	4.696	43	33480	14.965	ug/l #	96
38) Carbon Tetrachloride	5.666	117	48003	21.144	ug/l	96
39) Methylcyclohexane	7.366	83	50477	21.282	ug/l	94
40) Benzene	6.019	78	128511	20.250	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	17825	15.433	ug/l	96
42) 1,2-Dichloroethane	6.068	62	45254	18.741	ug/l	97
43) Isopropyl Acetate	6.318	43	57277	15.610	ug/l	97
44) Trichloroethene	7.110	130	32450	21.150	ug/l	94
45) 1,2-Dichloropropane	7.409	63	31425	19.338	ug/l	96
46) Dibromomethane	7.568	93	22506	19.032	ug/l	93
47) Bromodichloromethane	7.805	83	48507	19.878	ug/l	97
48) Methyl methacrylate	7.677	41	29284	16.022	ug/l	97
49) 1,4-Dioxane	7.641	88	6785	367.338	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	168280	82.718	ug/l	100
52) Toluene	8.702	92	81287	20.790	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	46963	18.867	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	51810	19.474	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	30344	20.127	ug/l	99
56) Ethyl methacrylate	9.098	69	41227	17.412	ug/l	95
57) 1,3-Dichloropropane	9.293	76	52323	20.203	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	89842	86.784	ug/l	96
59) 2-Hexanone	9.415	43	113847	77.919	ug/l	95
60) Dibromochloromethane	9.506	129	37625	21.659	ug/l	99
61) 1,2-Dibromoethane	9.592	107	31923	20.788	ug/l	99
64) Tetrachloroethene	9.256	164	29991	22.938	ug/l	96
65) Chlorobenzene	10.061	112	90122	19.779	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	31973	20.335	ug/l	98
67) Ethyl Benzene	10.177	91	151137	19.224	ug/l	100
68) m/p-Xylenes	10.287	106	116808	39.917	ug/l	97
69) o-Xylene	10.622	106	54569	19.280	ug/l	96
70) Styrene	10.640	104	95353	19.227	ug/l	98
71) Bromoform	10.780	173	24382	20.768	ug/l #	98
73) Isopropylbenzene	10.945	105	143591	17.711	ug/l	98
74) N-amyl acetate	10.823	43	50968	13.786	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	41095	16.754	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	39683m	18.379	ug/l	
77) Bromobenzene	11.183	156	36590	18.324	ug/l	93
78) n-propylbenzene	11.286	91	172966	18.047	ug/l	99
79) 2-Chlorotoluene	11.347	91	104052	17.726	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	120053	18.024	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	11963	14.130	ug/l	99
82) 4-Chlorotoluene	11.439	91	123395	17.799	ug/l	99
83) tert-Butylbenzene	11.695	119	119295	17.495	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	121604	18.007	ug/l	99
85) sec-Butylbenzene	11.872	105	148790	18.371	ug/l	100
86) p-Isopropyltoluene	11.994	119	127115	18.539	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	67962	18.324	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	69178	18.173	ug/l	98
89) n-Butylbenzene	12.317	91	114516	18.049	ug/l	98
90) Hexachloroethane	12.518	117	24591	20.427	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	63752	18.042	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7433	14.967	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	38659	16.834	ug/l	98
94) Hexachlorobutadiene	13.707	225	15799	20.254	ug/l	98
95) Naphthalene	13.756	128	102780	14.698	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	36384	17.032	ug/l	99

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MSVOA_X
ClientSampleId :
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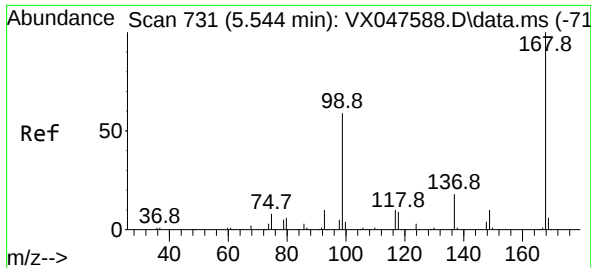
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

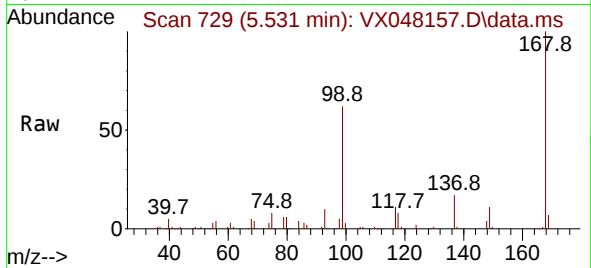
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
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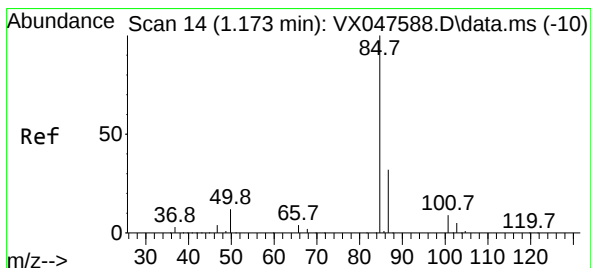
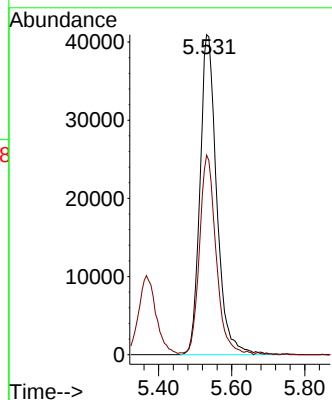
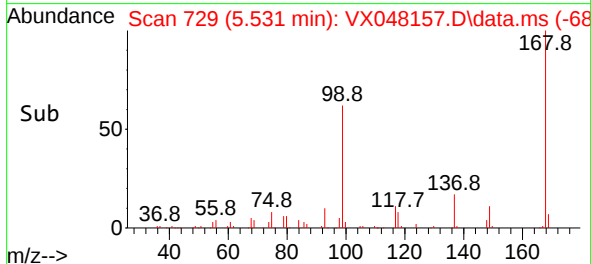
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion:168 Resp: 130530
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2

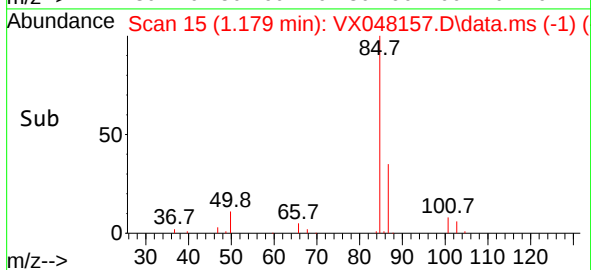
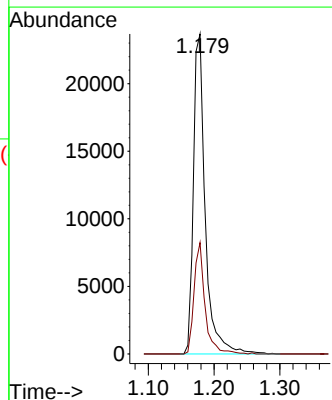
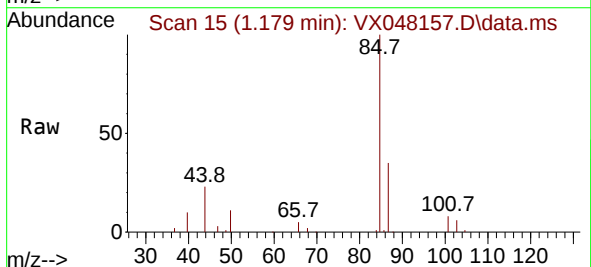
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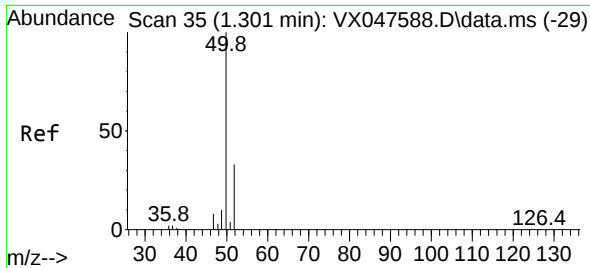
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#2
Dichlorodifluoromethane
Concen: 21.807 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

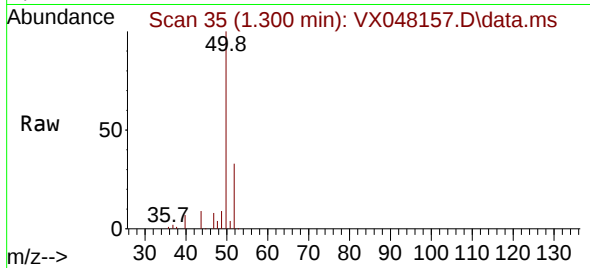
Tgt Ion: 85 Resp: 29476
Ion Ratio Lower Upper
85 100
87 34.8 15.8 47.3





#3
Chloromethane
Concen: 18.039 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

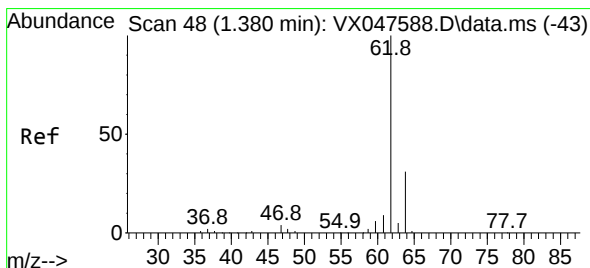
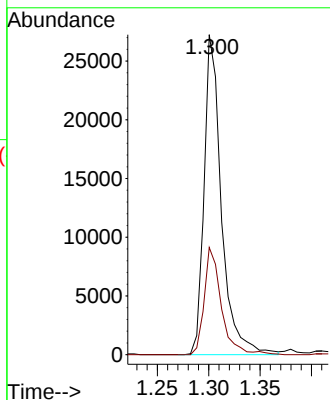
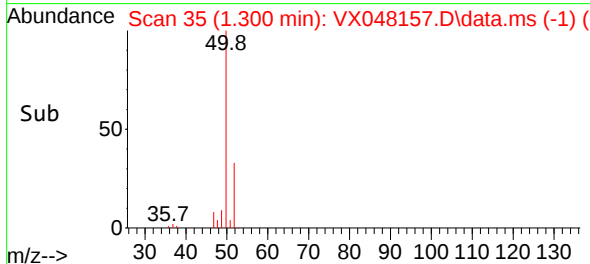
Instrument :
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Tgt Ion: 50 Resp: 32040
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1

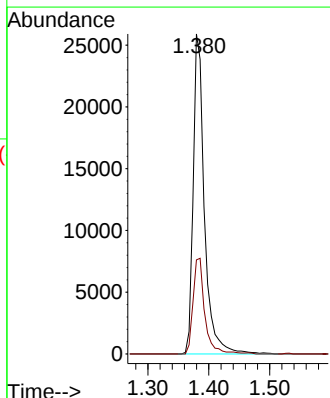
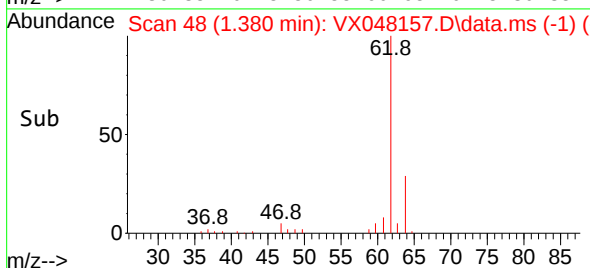
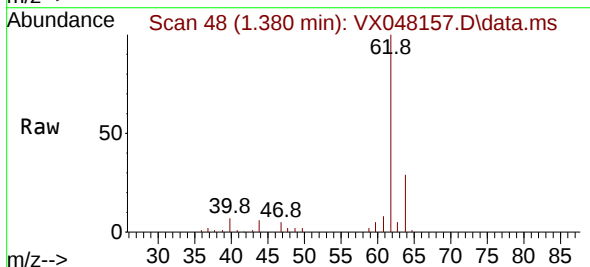
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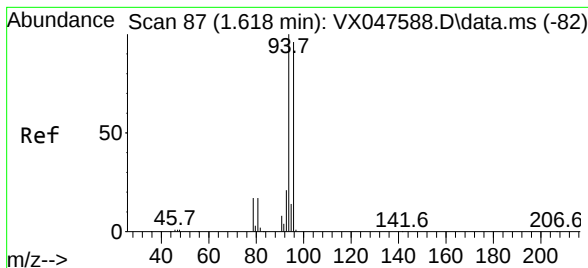
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#4
Vinyl Chloride
Concen: 19.018 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

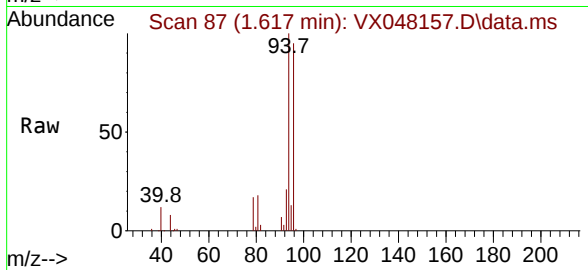
Tgt Ion: 62 Resp: 33071
Ion Ratio Lower Upper
62 100
64 29.4 24.9 37.3





#5
Bromomethane
Concen: 18.780 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

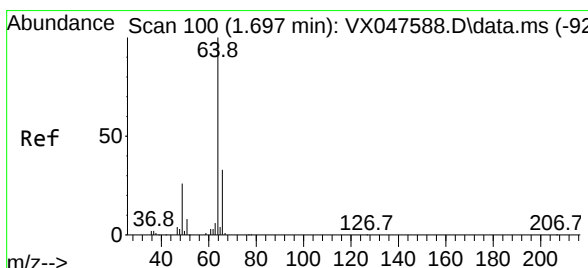
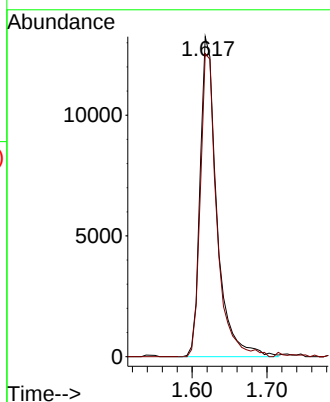
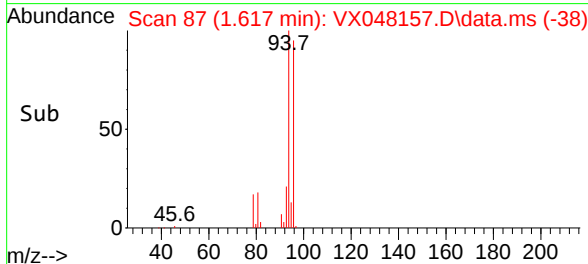
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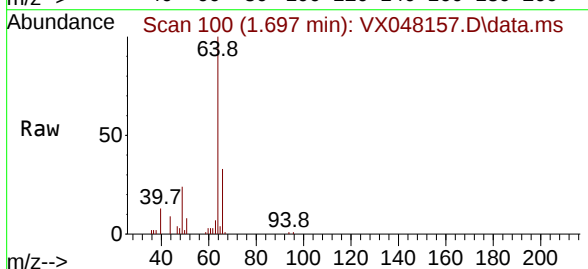
Tgt Ion: 94 Resp: 20708
Ion Ratio Lower Upper
94 100
96 94.7 76.6 115.0

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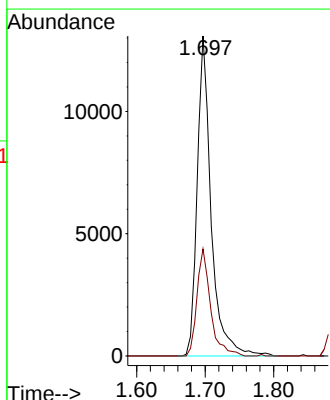
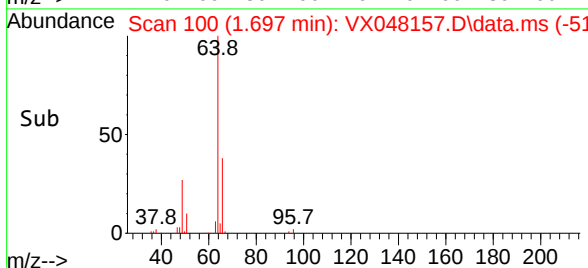
Reviewed By :John Carlone 10/15/2025
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#6
Chloroethane
Concen: 15.958 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048157.D
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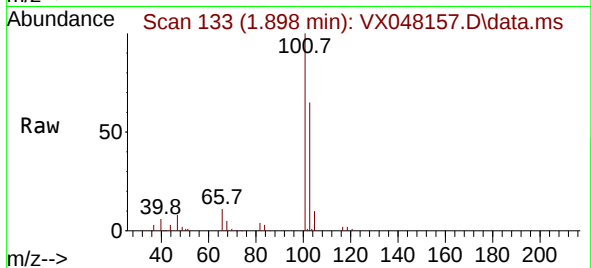
Tgt Ion: 64 Resp: 18547
Ion Ratio Lower Upper
64 100
66 33.4 26.1 39.1





#7
Trichlorofluoromethane
Concen: 18.240 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

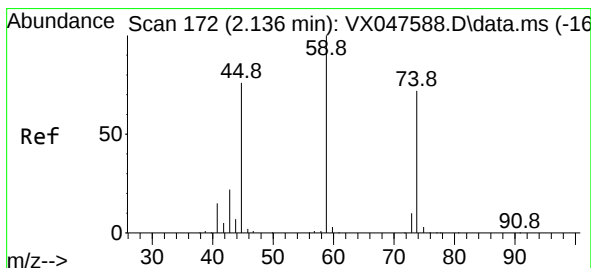
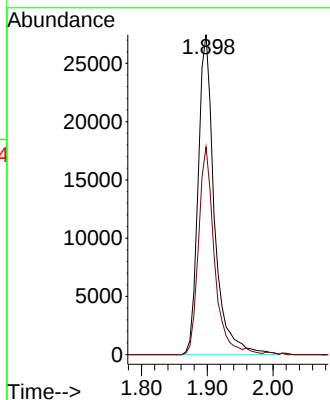
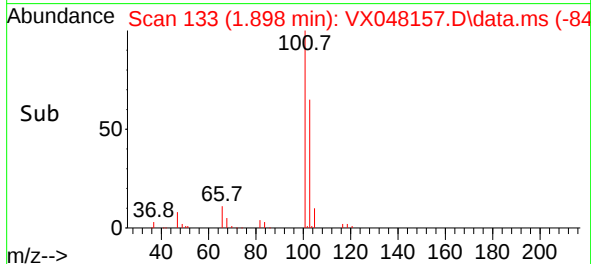
Instrument :
MSVOA_X
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VX1014WBSD01



Tgt Ion:101 Resp: 47090
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

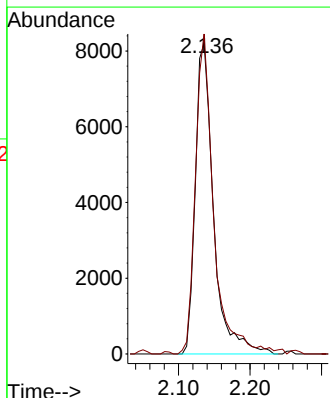
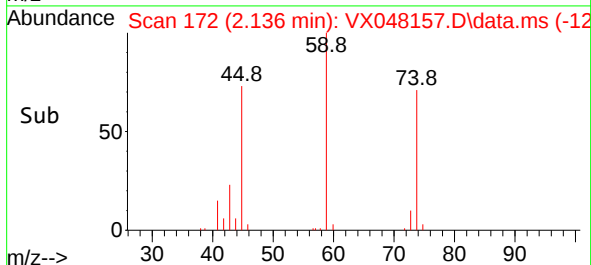
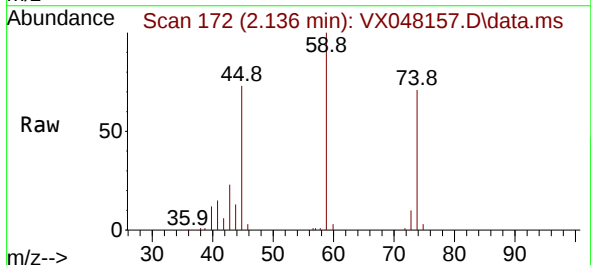
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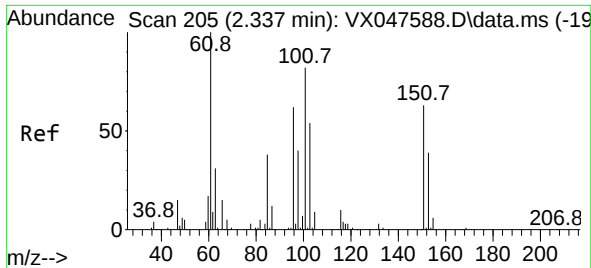
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#8
Diethyl Ether
Concen: 13.735 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048157.D
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Tgt Ion: 74 Resp: 14507
Ion Ratio Lower Upper
74 100
45 103.6 52.3 156.8





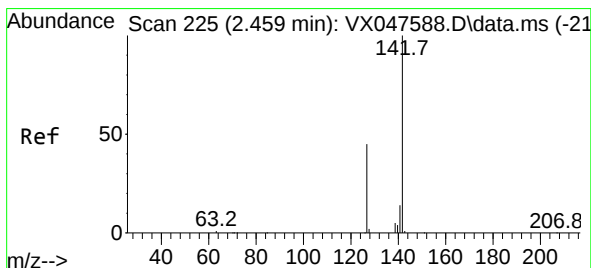
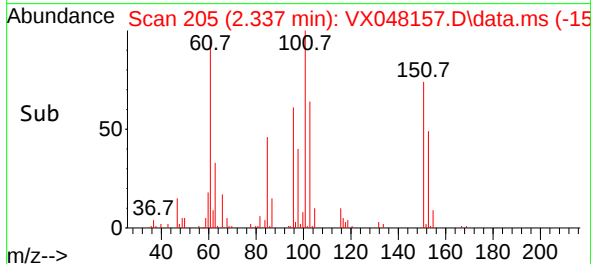
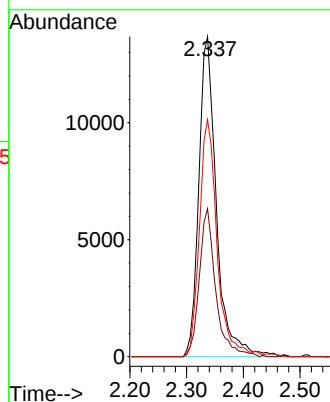
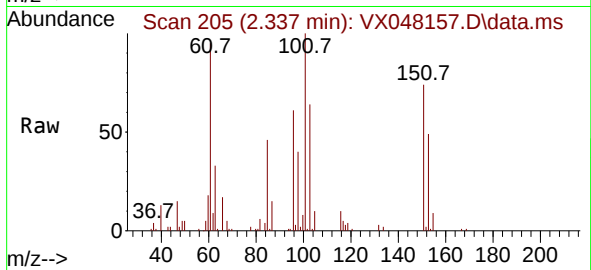
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.516 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion:101 Resp: 29464
Ion Ratio Lower Upper
101 100
85 43.2 35.5 53.3
151 74.7 59.4 89.0

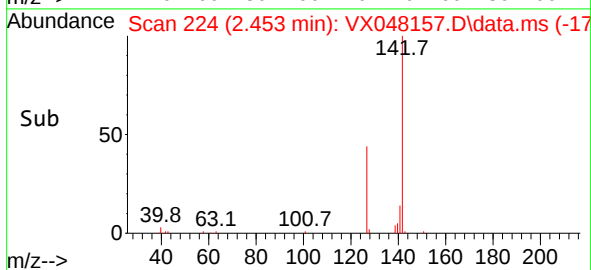
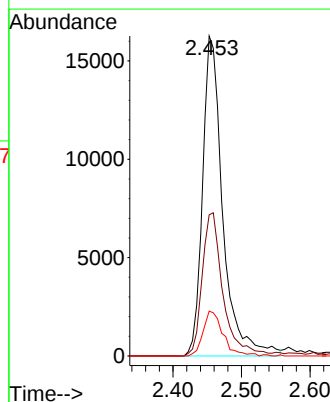
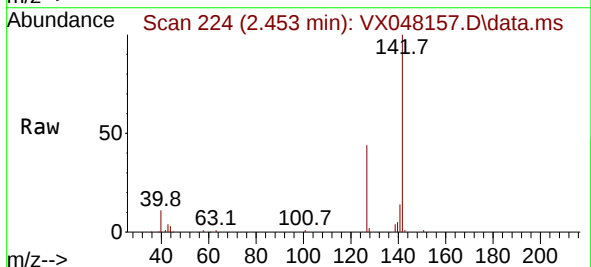
Manual Integrations
APPROVED

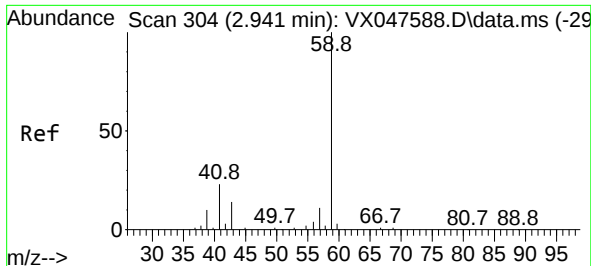
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#10
Methyl Iodide
Concen: 14.197 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

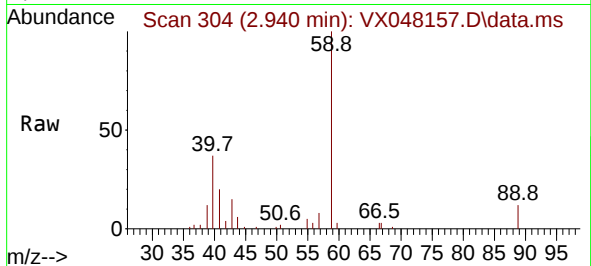
Tgt Ion:142 Resp: 33428
Ion Ratio Lower Upper
142 100
127 46.0 37.2 55.8
141 13.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 62.117 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

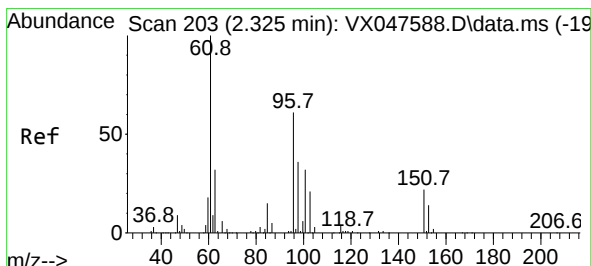
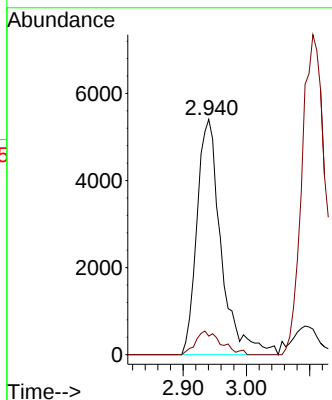
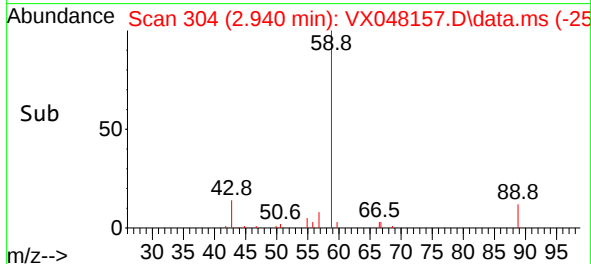
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



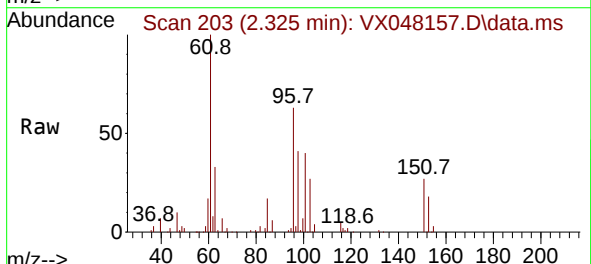
Tgt Ion: 59 Resp: 14374
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

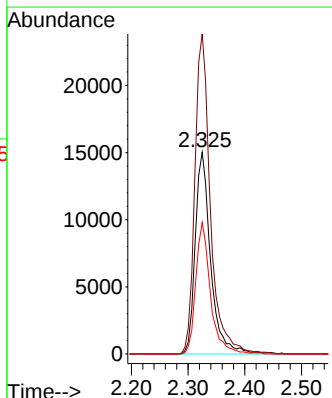
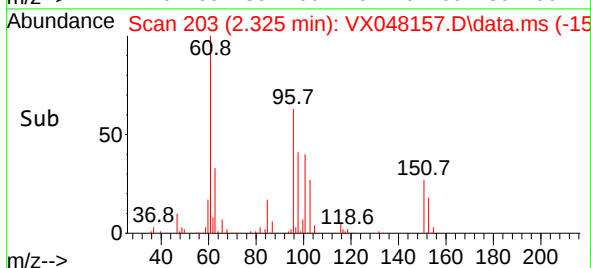
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

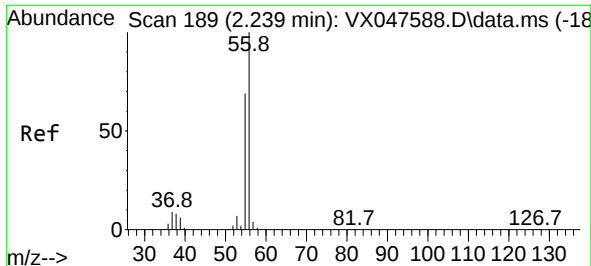


#12
1,1-Dichloroethene
Concen: 18.297 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47



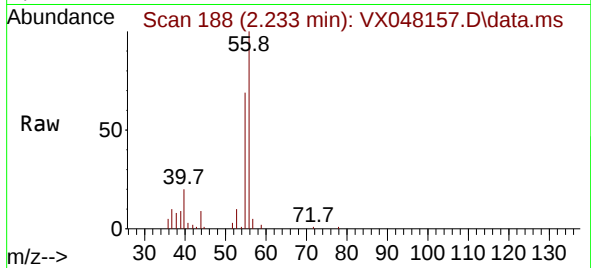
Tgt Ion: 96 Resp: 28376
Ion Ratio Lower Upper
96 100
61 158.7 131.0 196.6
98 65.2 47.7 71.5





#13
Acrolein
Concen: 64.444 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

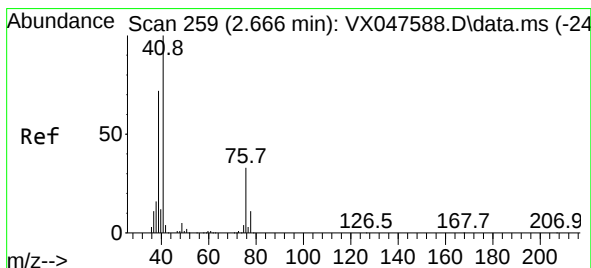
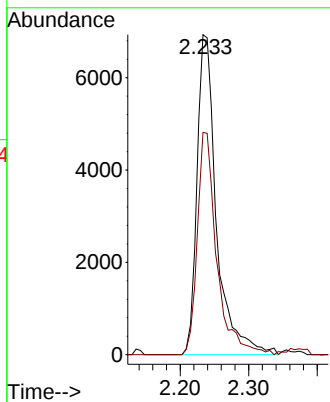
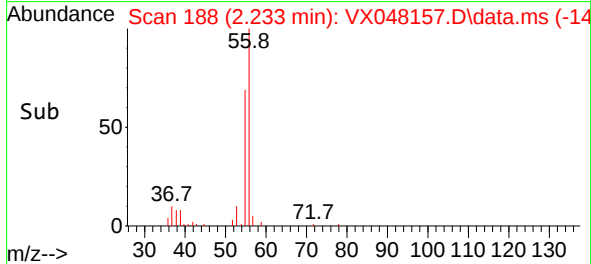
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion: 56 Resp: 1374
Ion Ratio Lower Upper
56 100
55 69.2 57.2 85.8

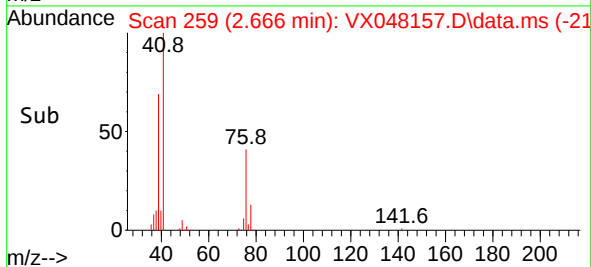
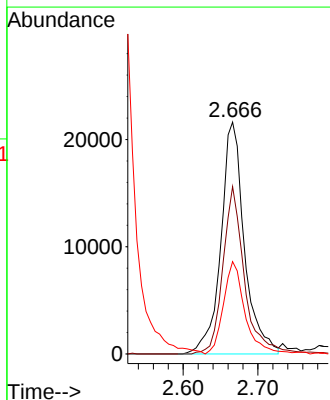
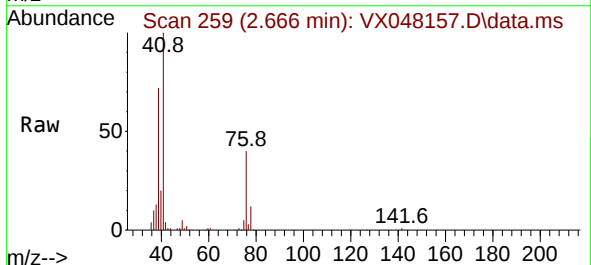
Manual Integrations
APPROVED

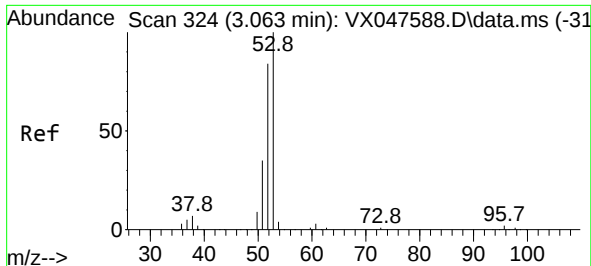
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#14
Allyl chloride
Concen: 14.776 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

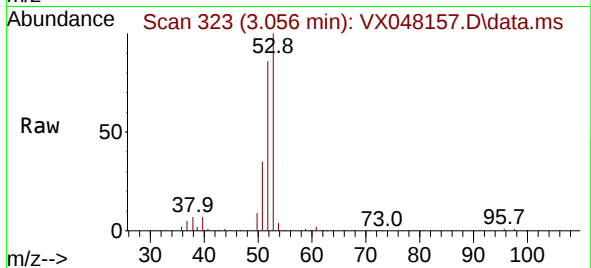
Tgt Ion: 41 Resp: 47286
Ion Ratio Lower Upper
41 100
39 66.6 54.7 82.1
76 36.3 25.7 38.5





#15
Acrylonitrile
Concen: 76.130 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

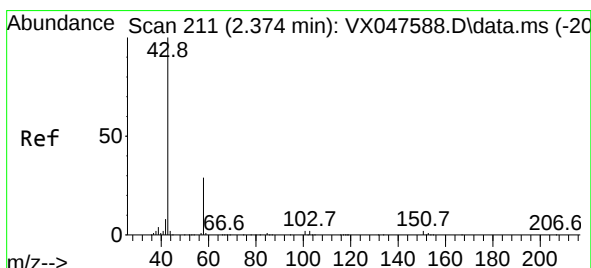
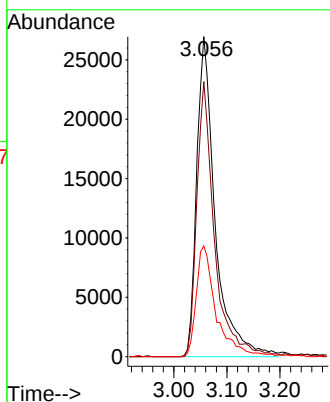
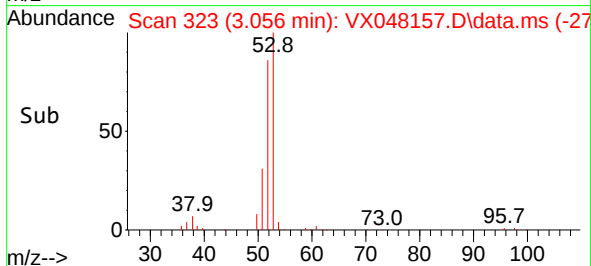
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion: 53 Resp: 6525
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 37.6 29.5 44.3

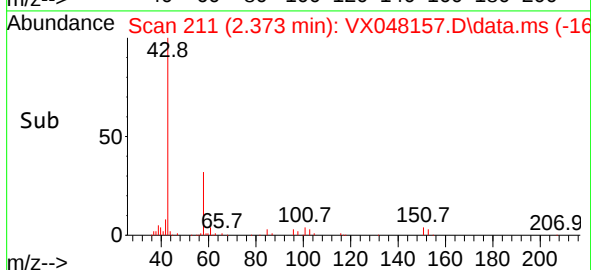
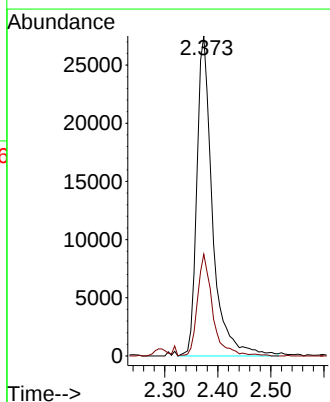
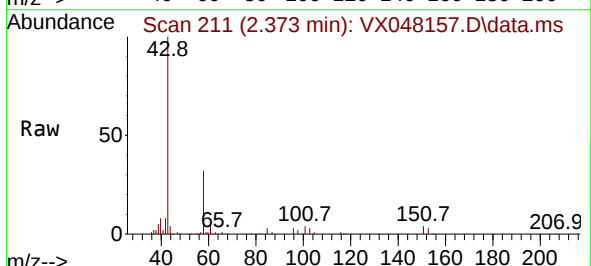
Manual Integrations
APPROVED

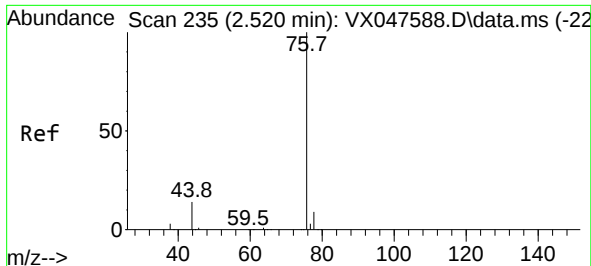
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#16
Acetone
Concen: 62.577 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion: 43 Resp: 56532
Ion Ratio Lower Upper
43 100
58 32.0 23.4 35.0





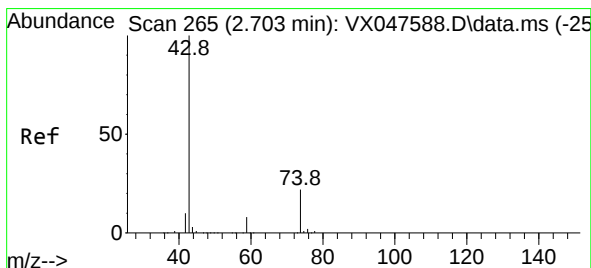
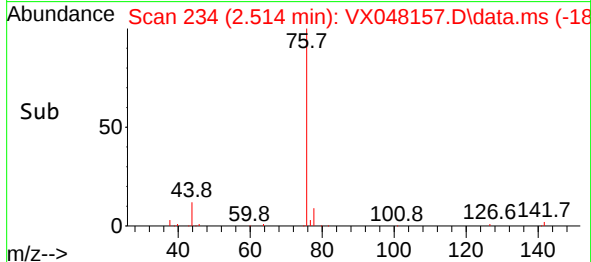
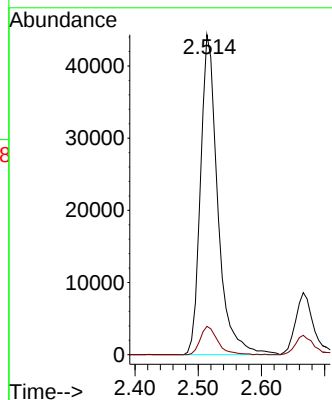
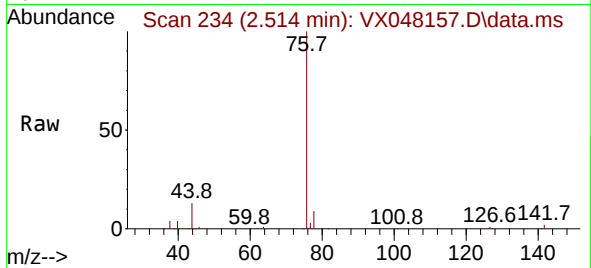
#17
Carbon Disulfide
Concen: 19.866 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion: 76 Resp: 8434
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

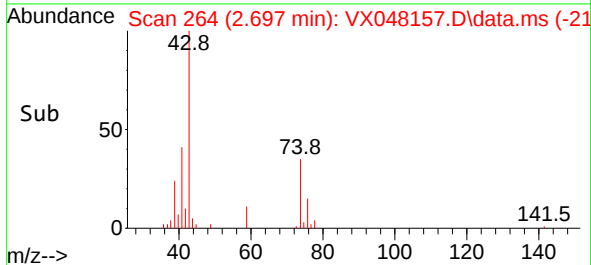
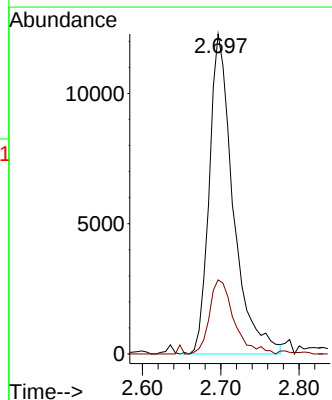
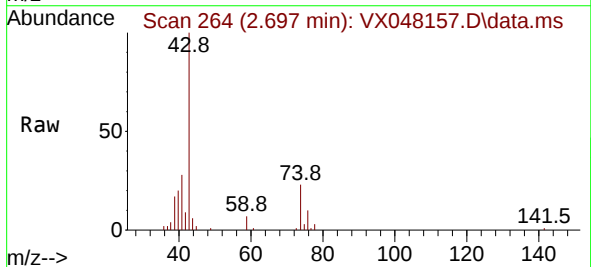
Manual Integrations
APPROVED

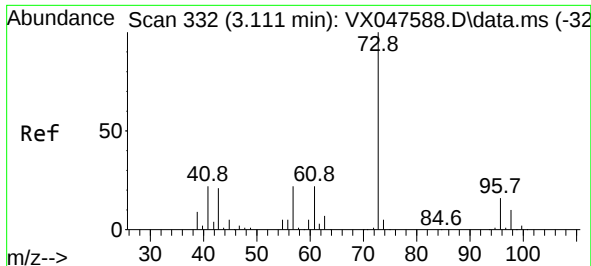
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#18
Methyl Acetate
Concen: 12.967 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

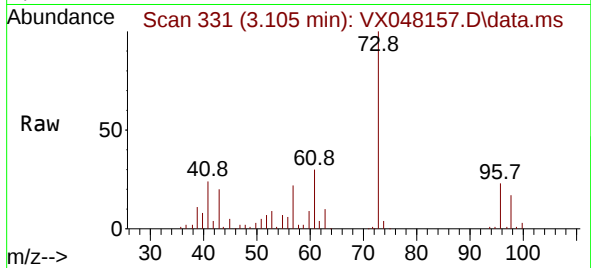
Tgt Ion: 43 Resp: 26071
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 15.841 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

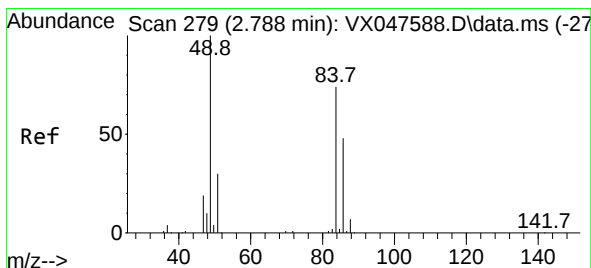
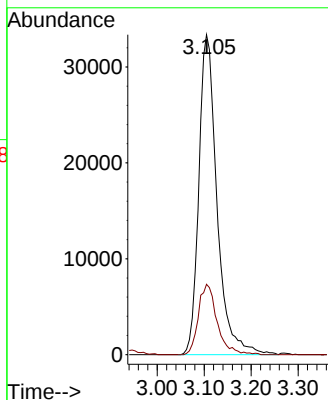
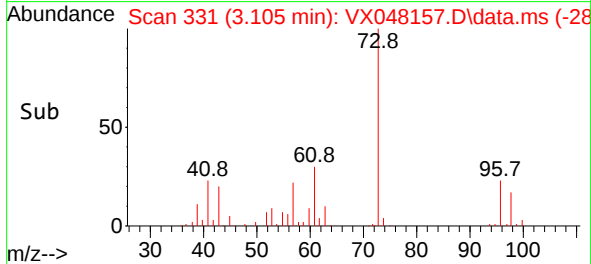
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion: 73 Resp: 8968
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2

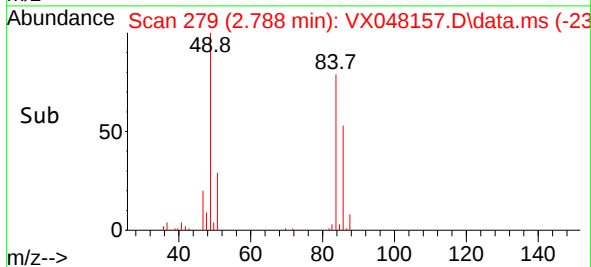
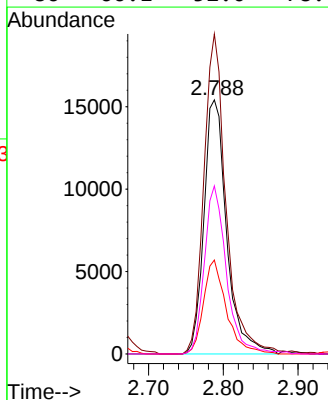
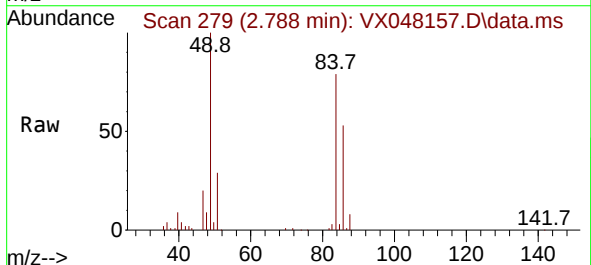
Manual Integrations
APPROVED

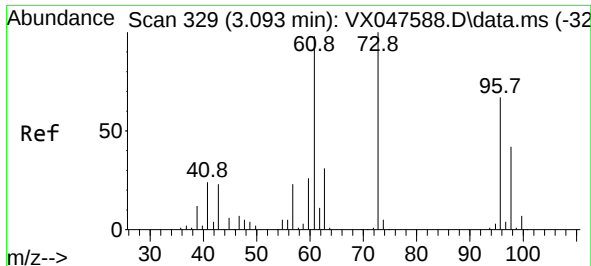
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#20
Methylene Chloride
Concen: 17.076 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

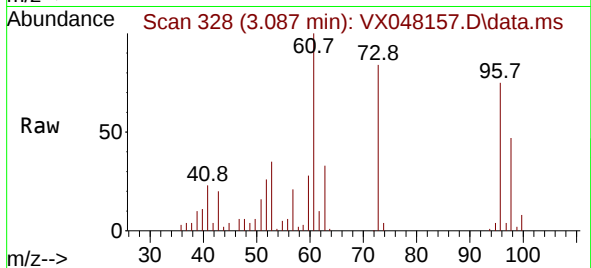
Tgt Ion: 84 Resp: 32653
Ion Ratio Lower Upper
84 100
49 125.9 108.6 162.8
51 37.0 32.6 48.8
86 66.1 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 18.049 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

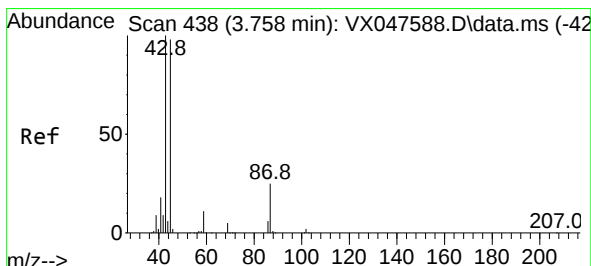
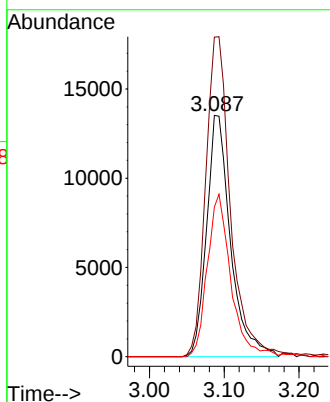
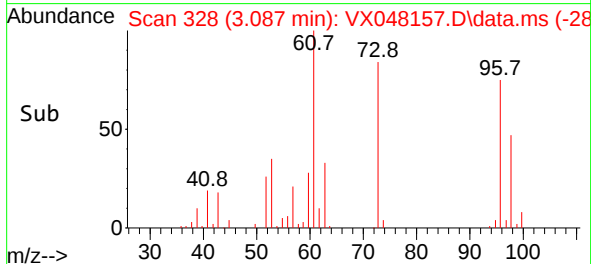
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



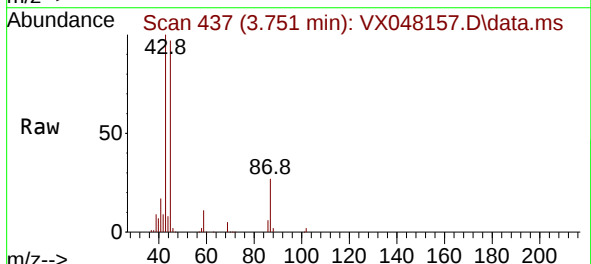
Tgt Ion: 96 Resp: 30130
Ion Ratio Lower Upper
96 100
61 132.5 116.2 174.2
98 62.0 49.3 73.9

Manual Integrations
APPROVED

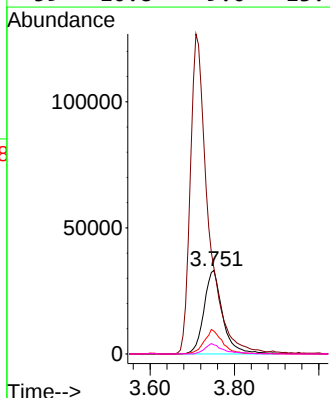
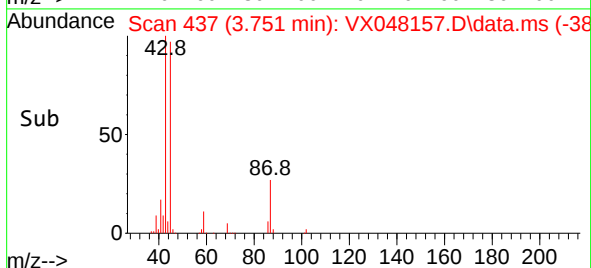
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

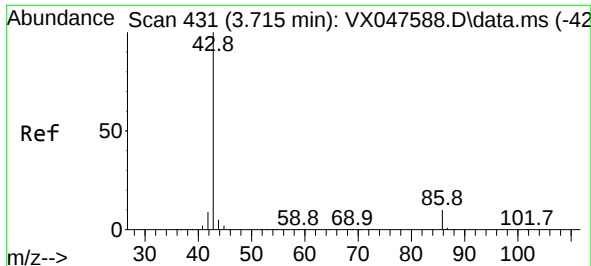


#22
Diisopropyl ether
Concen: 16.506 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47



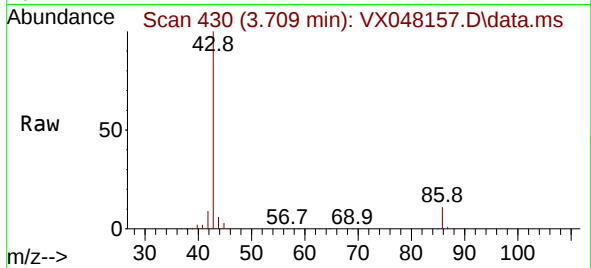
Tgt Ion: 45 Resp: 102369
Ion Ratio Lower Upper
45 100
43 101.6 81.0 121.4
87 27.4 20.3 30.5
59 10.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 75.744 ug/l
 RT: 3.709 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX048157.D
 Acq: 14 Oct 2025 11:47

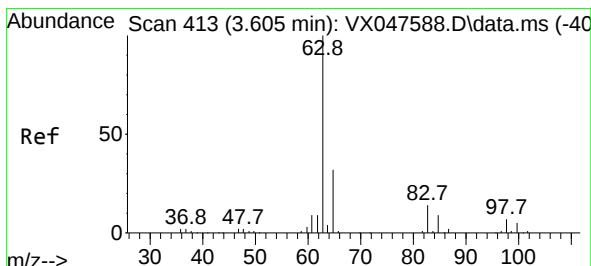
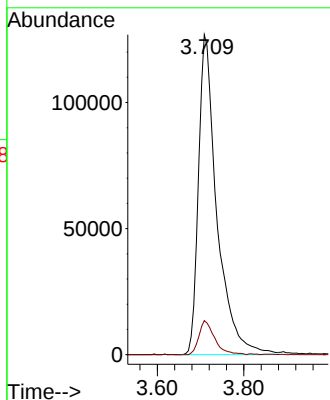
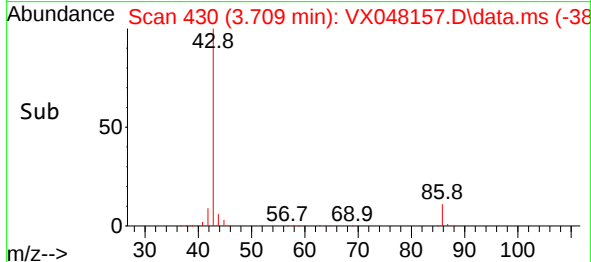
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01



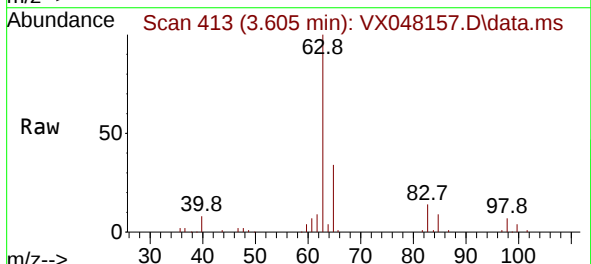
Tgt Ion: 43 Resp: 375970
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

Manual Integrations
 APPROVED

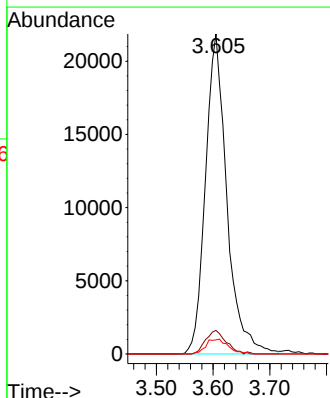
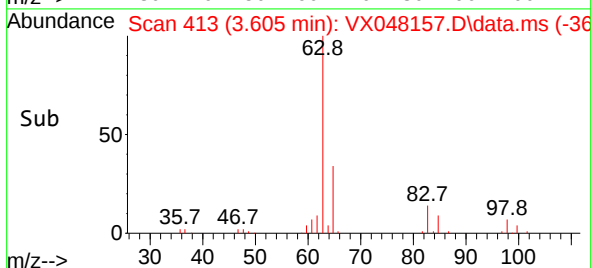
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025

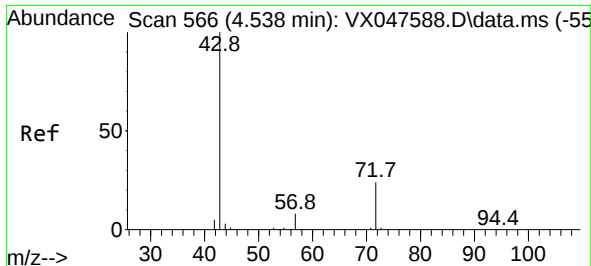


#24
 1,1-Dichloroethane
 Concen: 17.369 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048157.D
 Acq: 14 Oct 2025 11:47



Tgt Ion: 63 Resp: 57257
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.4 2.3 6.9





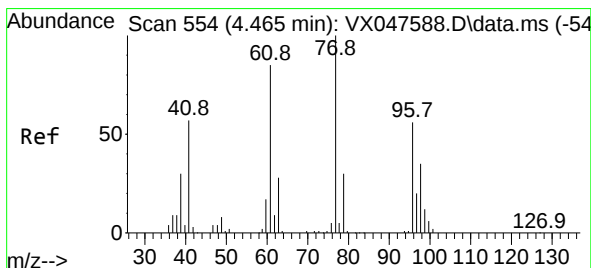
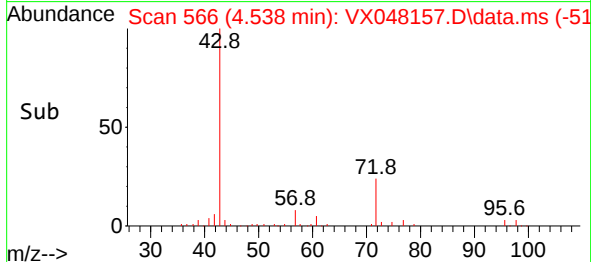
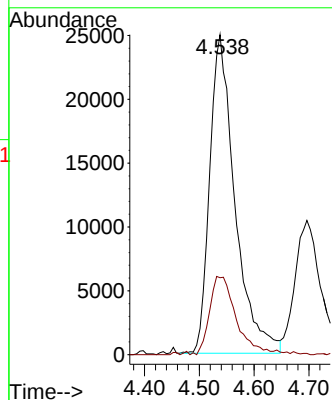
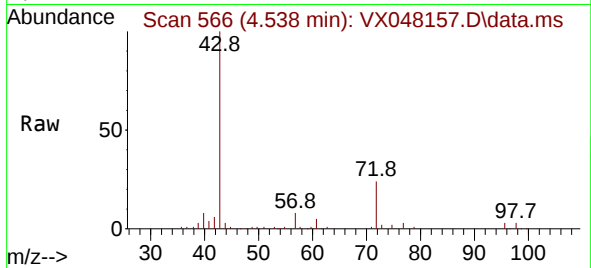
#25
2-Butanone
Concen: 70.737 ug/l
RT: 4.538 min Scan# 501
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion: 43 Resp: 7971
Ion Ratio Lower Upper
43 100
72 24.2 20.1 30.1

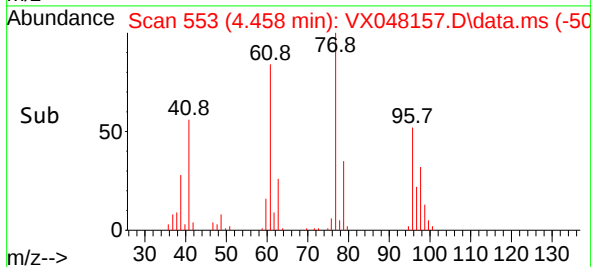
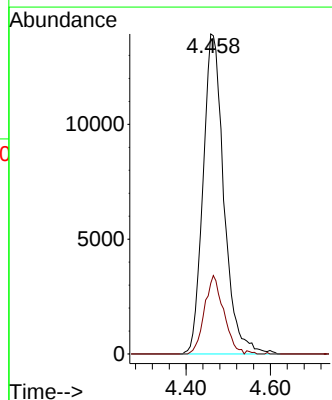
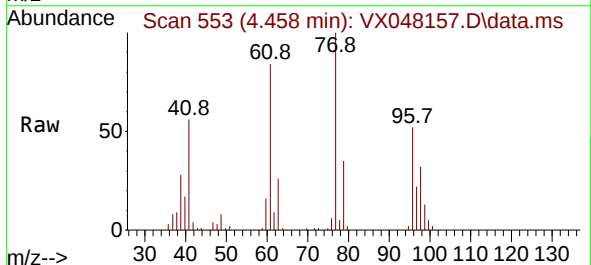
Manual Integrations
APPROVED

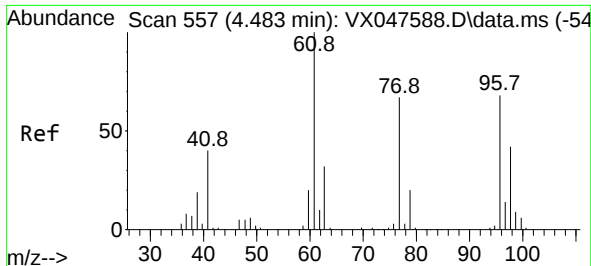
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#26
2,2-Dichloropropane
Concen: 17.511 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion: 77 Resp: 47984
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 17.862 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

Tgt Ion: 96 Resp: 3652

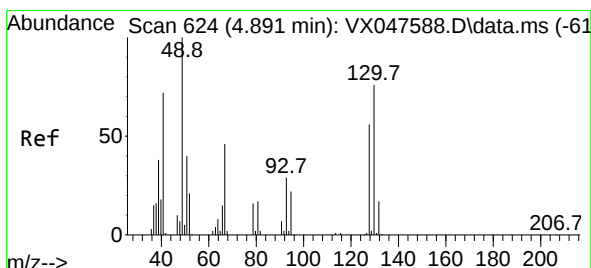
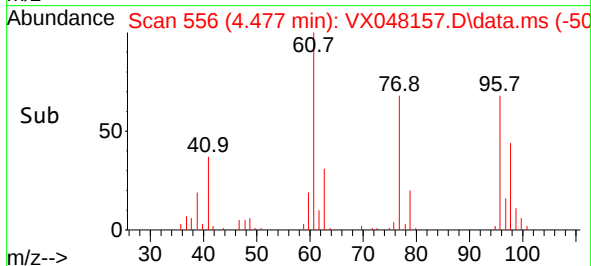
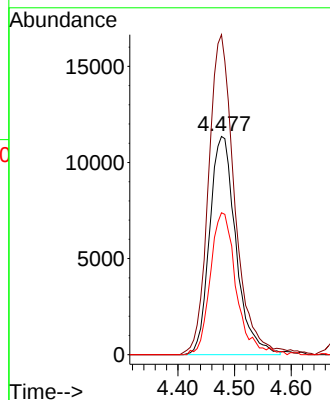
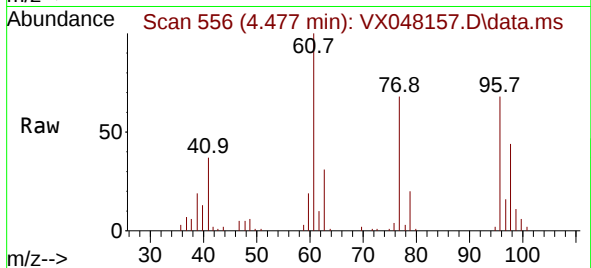
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	303.2
98	64.1	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#28

Bromochloromethane

Concen: 18.127 ug/l

RT: 4.885 min Scan# 623

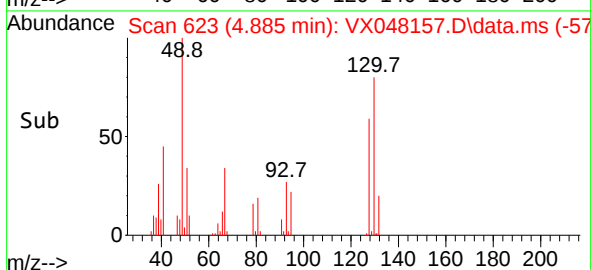
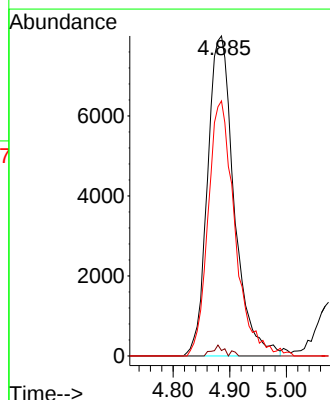
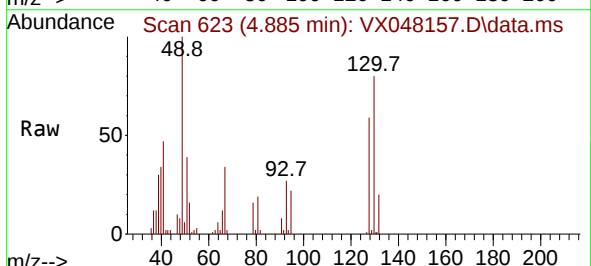
Delta R.T. -0.006 min

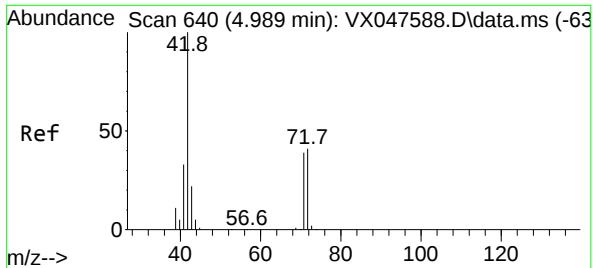
Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Tgt Ion: 49 Resp: 26087

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.2
130	79.9	57.8	86.8





#29

Tetrahydrofuran

Concen: 70.682 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

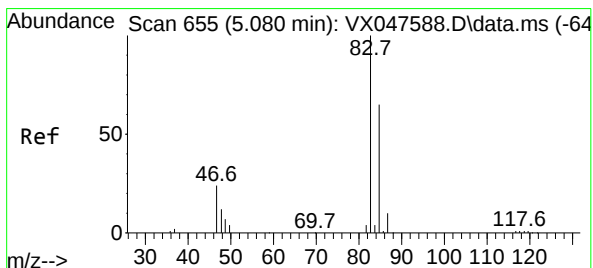
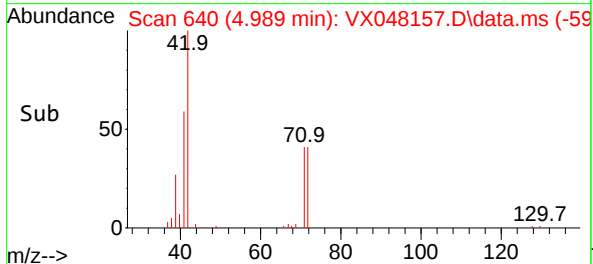
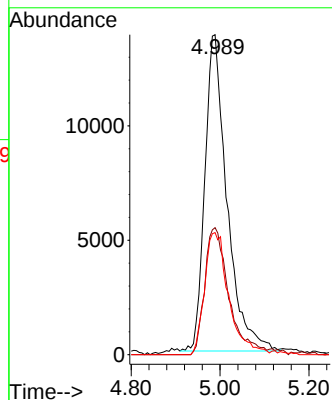
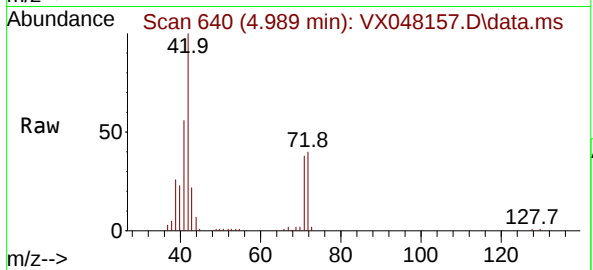
Tgt Ion: 42 Resp: 47915
 Ion Ratio Lower Upper
 42 100
 72 43.9 34.2 51.2
 71 42.1 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#30

Chloroform

Concen: 18.340 ug/l

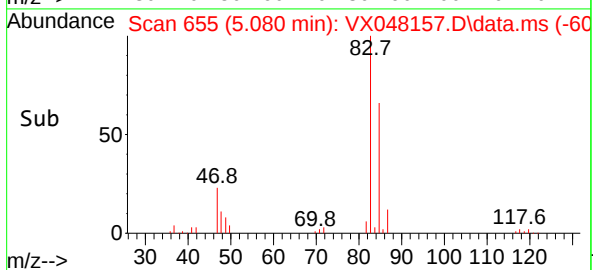
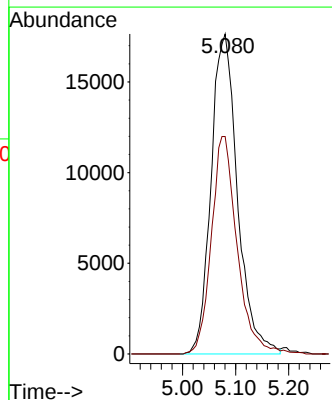
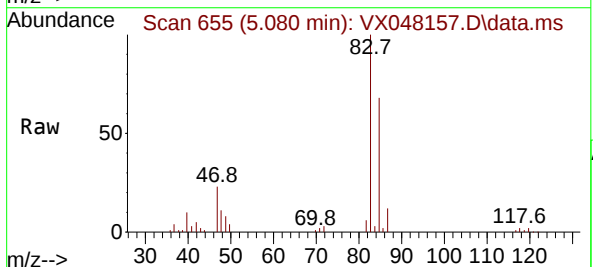
RT: 5.080 min Scan# 655

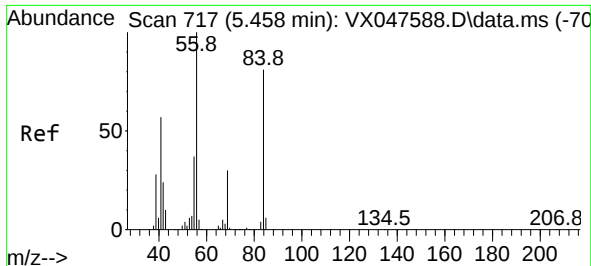
Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

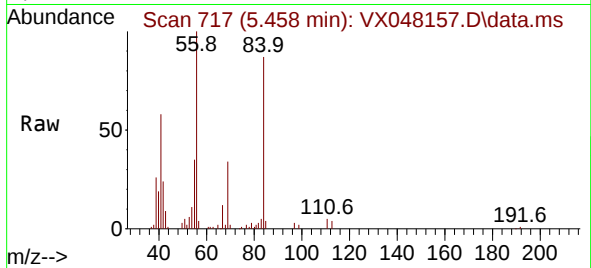
Tgt Ion: 83 Resp: 61094
 Ion Ratio Lower Upper
 83 100
 85 69.9 51.8 77.6





#31
Cyclohexane
Concen: 18.810 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

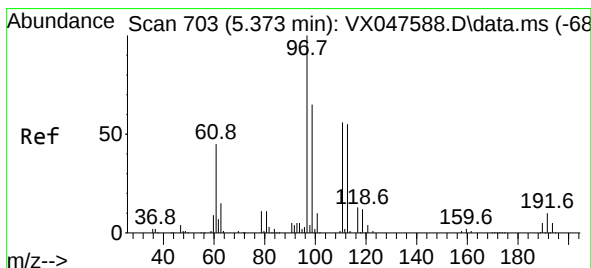
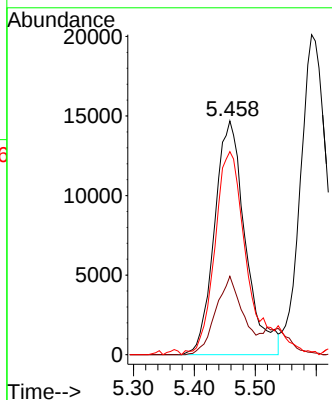
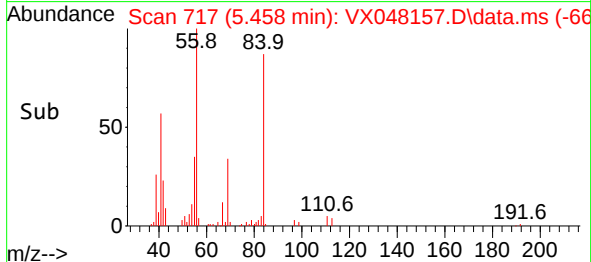
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion: 56 Resp: 51644
Ion Ratio Lower Upper
56 100
69 32.1 23.8 35.8
84 81.8 64.6 97.0

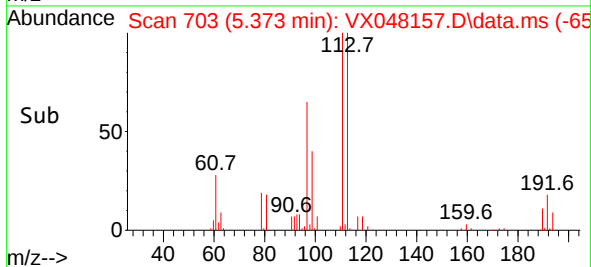
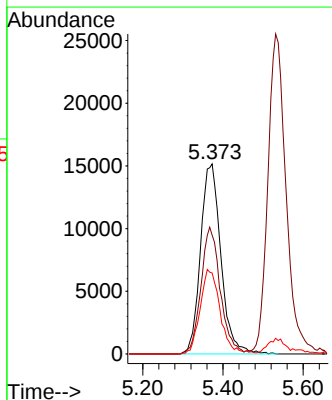
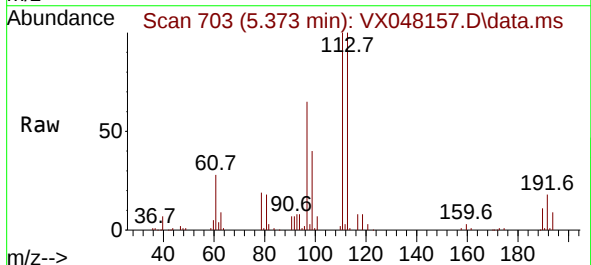
Manual Integrations
APPROVED

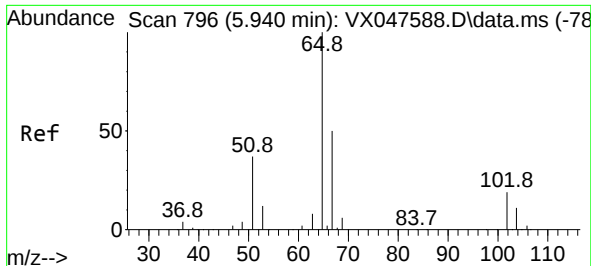
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#32
1,1,1-Trichloroethane
Concen: 18.933 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion: 97 Resp: 53496
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 43.4 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 44.298 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

Tgt Ion: 65 Resp: 92038

Ion Ratio Lower Upper

65 100

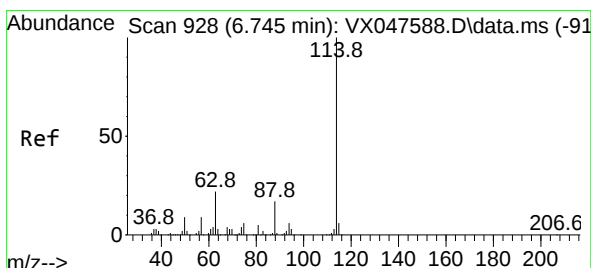
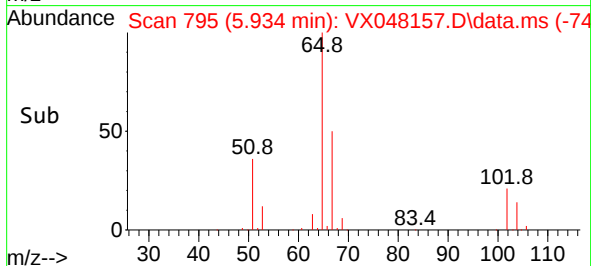
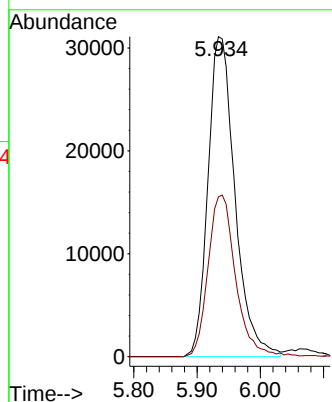
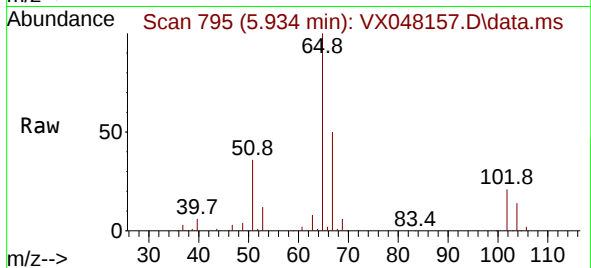
67 51.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

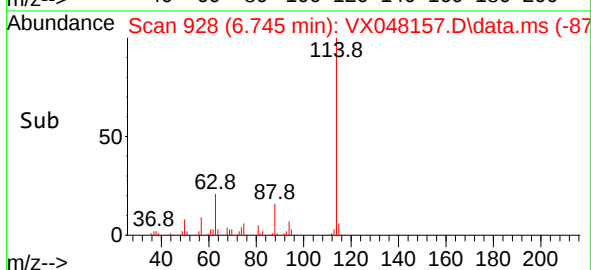
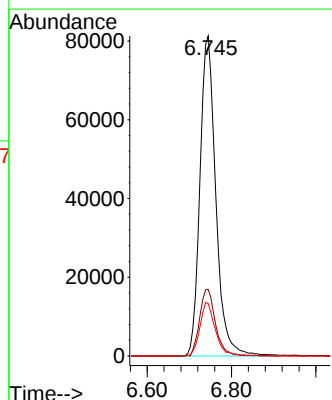
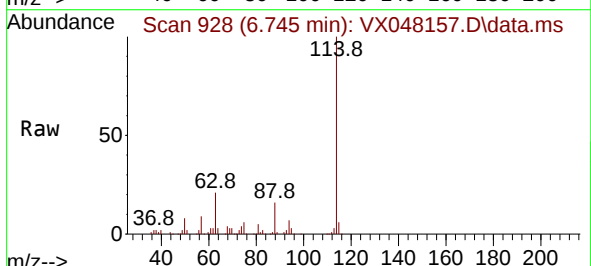
Tgt Ion:114 Resp: 213217

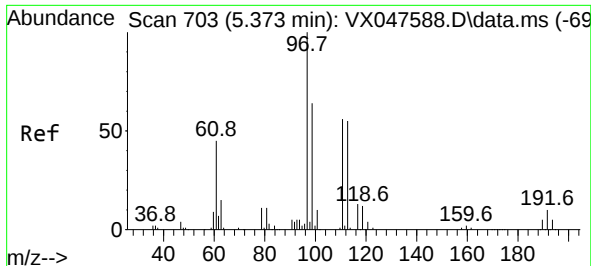
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

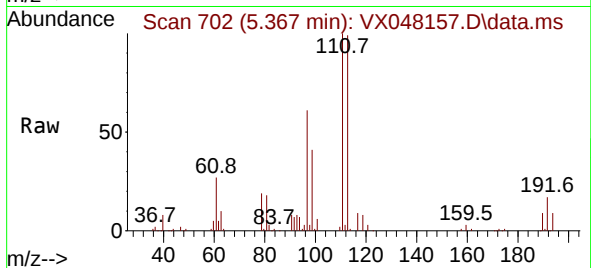
88 16.4 0.0 34.2





#35
Dibromofluoromethane
Concen: 54.089 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

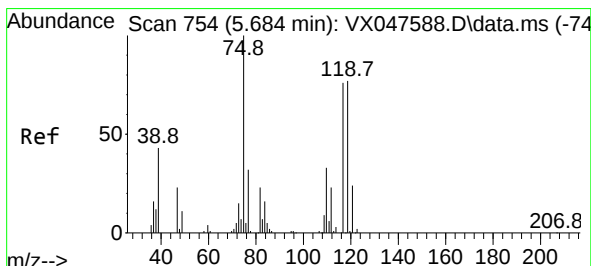
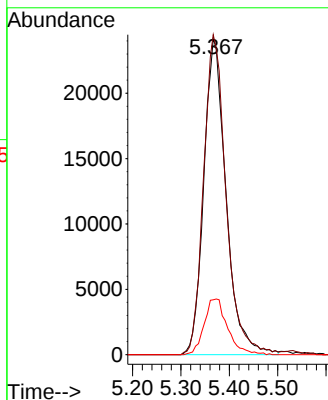
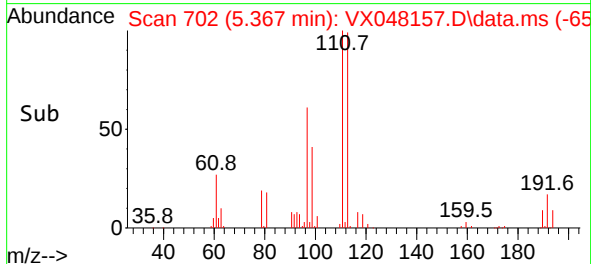
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion:113 Resp: 77349
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 18.6 14.2 21.4

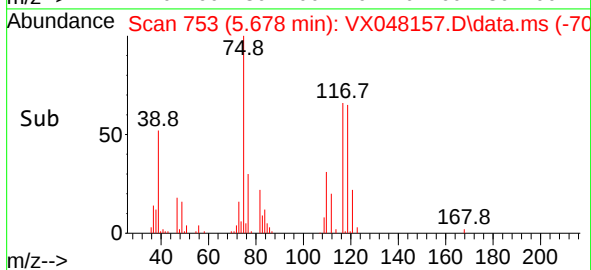
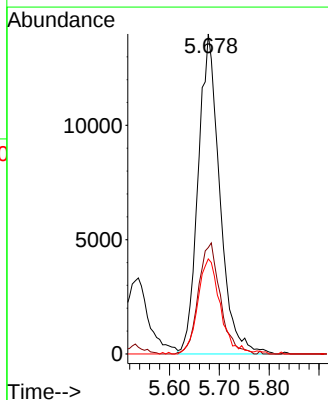
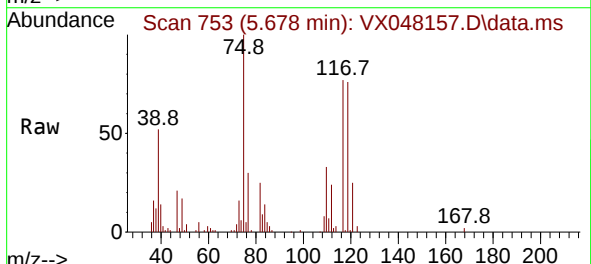
Manual Integrations
APPROVED

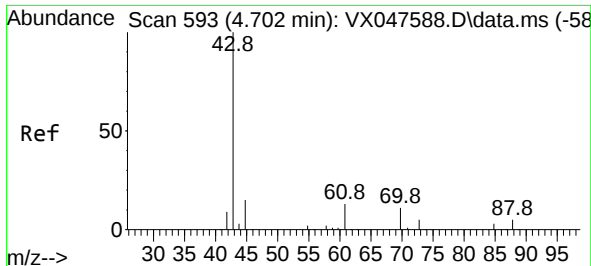
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#36
1,1-Dichloropropene
Concen: 20.169 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion: 75 Resp: 42143
Ion Ratio Lower Upper
75 100
110 35.2 16.7 50.1
77 30.8 24.3 36.5





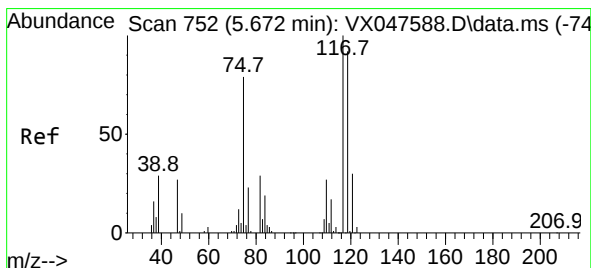
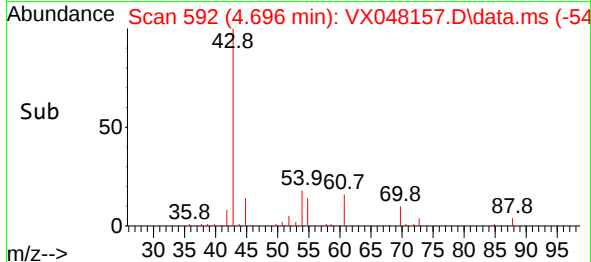
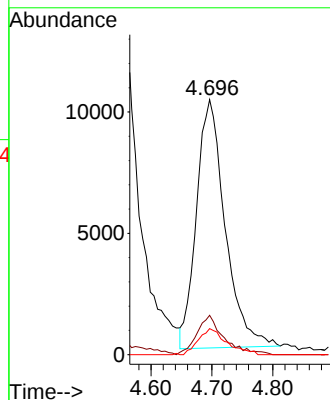
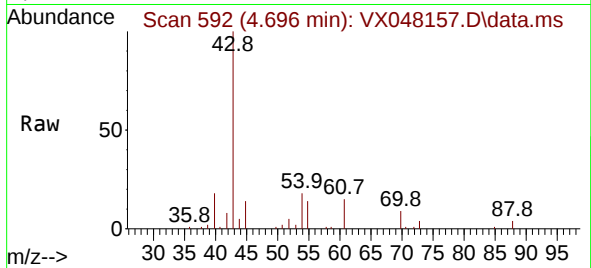
#37
Ethyl Acetate
Concen: 14.965 ug/l
RT: 4.696 min Scan# 591
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion: 43 Resp: 33480
Ion Ratio Lower Upper
43 100
61 14.9 9.8 14.8
70 10.3 7.9 11.9

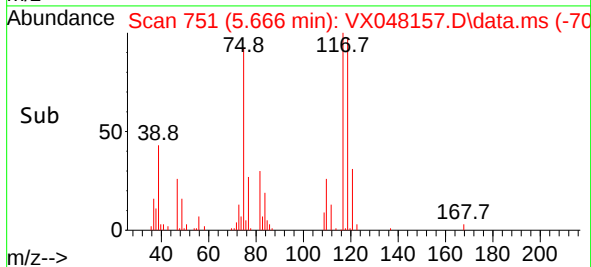
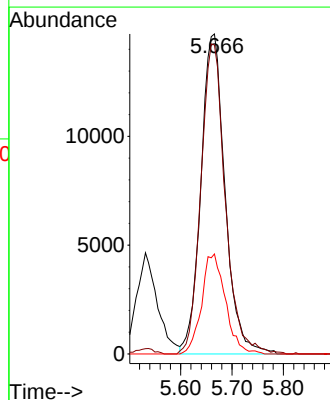
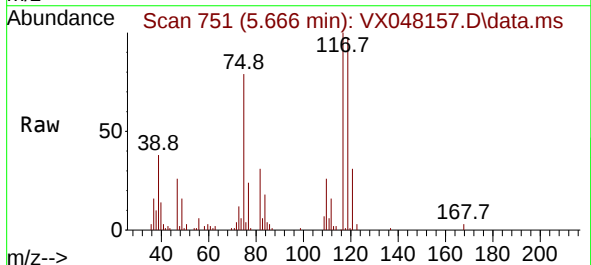
Manual Integrations
APPROVED

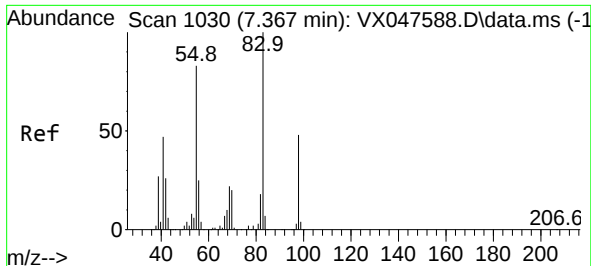
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#38
Carbon Tetrachloride
Concen: 21.144 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion:117 Resp: 48003
Ion Ratio Lower Upper
117 100
119 96.0 73.4 110.2
121 31.2 23.8 35.6





#39

Methylcyclohexane

Concen: 21.282 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048157.D

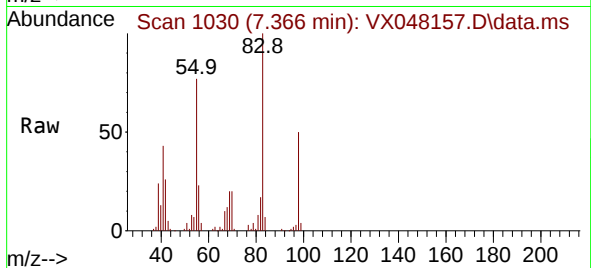
Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01



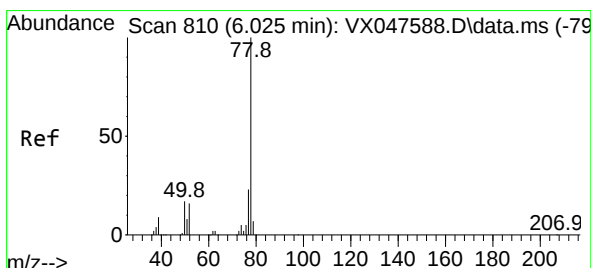
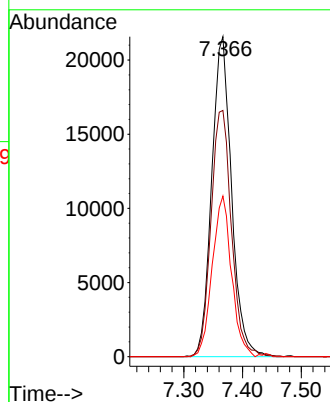
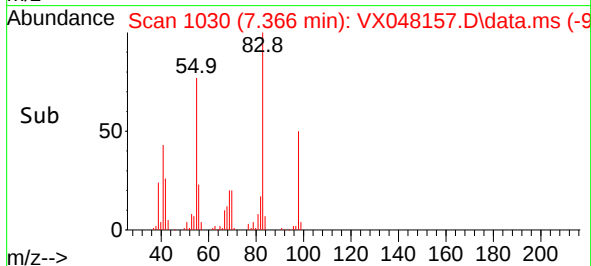
Tgt Ion:	83	Resp:	5047
Ion Ratio	Lower	Upper	
83	100		
55	76.9	66.4	99.6
98	50.2	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#40

Benzene

Concen: 20.250 ug/l

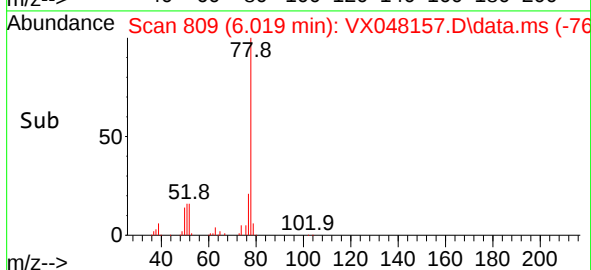
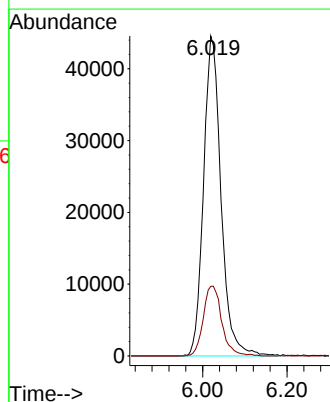
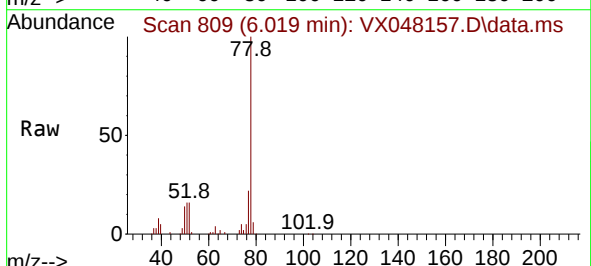
RT: 6.019 min Scan# 809

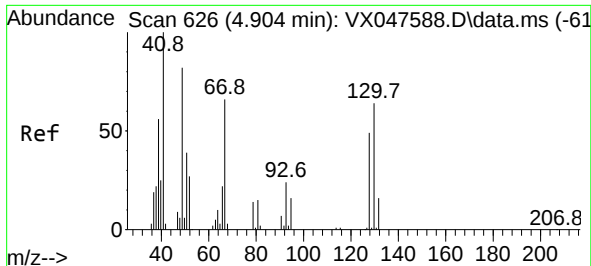
Delta R.T. -0.006 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Tgt Ion:	78	Resp:	128511
Ion Ratio	Lower	Upper	
78	100		
77	21.7	18.8	28.2





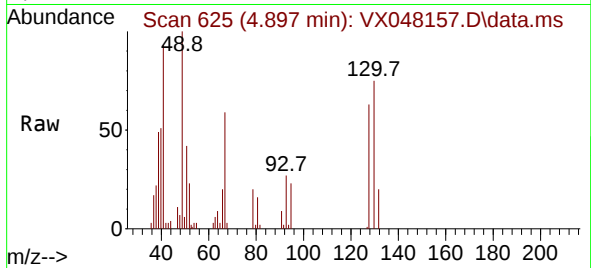
#41
Methacrylonitrile
Concen: 15.433 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01



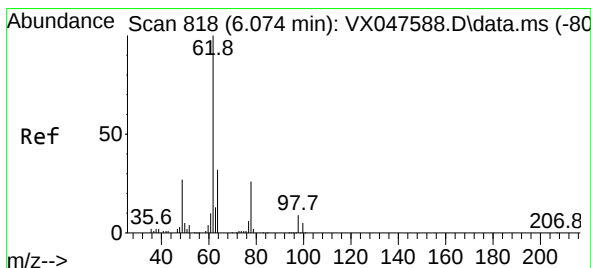
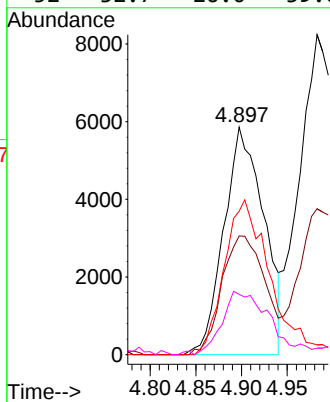
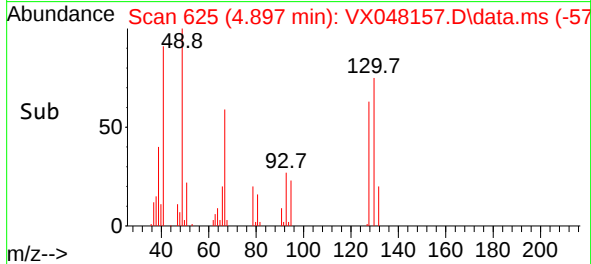
Tgt Ion:	41	Resp:	1782
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.3	64.9
67	77.8	58.6	87.8
52	32.7	26.0	39.0

Manual Integrations

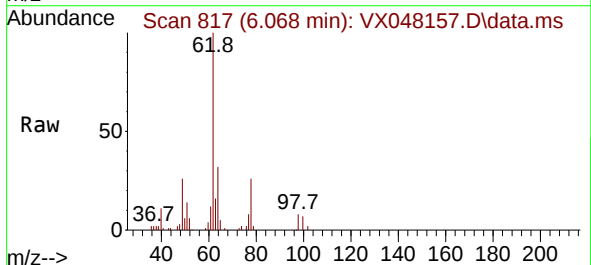
APPROVED

Reviewed By :John Carlone 10/15/2025

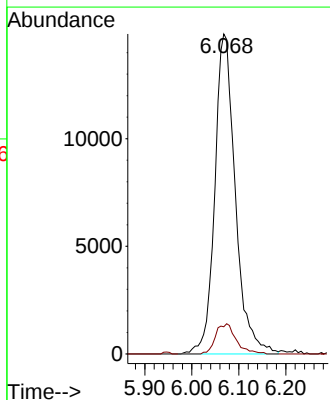
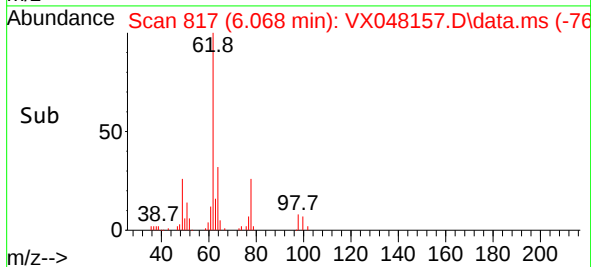
Supervised By :Mahesh Dadoda 10/16/2025

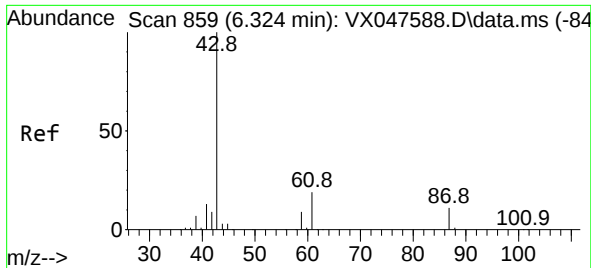


#42
1,2-Dichloroethane
Concen: 18.741 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47



Tgt Ion:	62	Resp:	45254
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.0





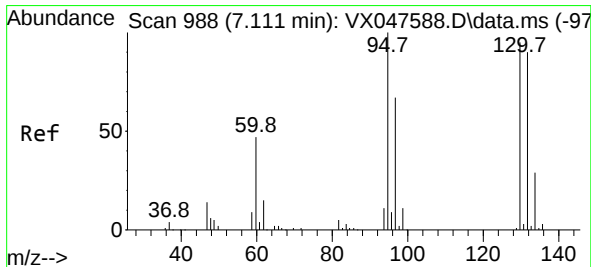
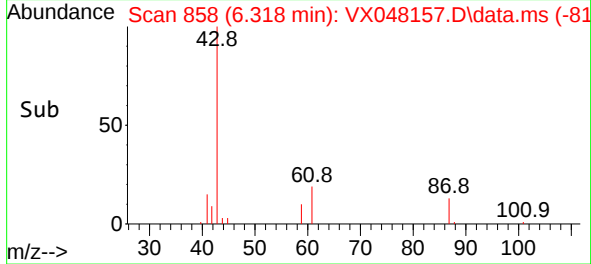
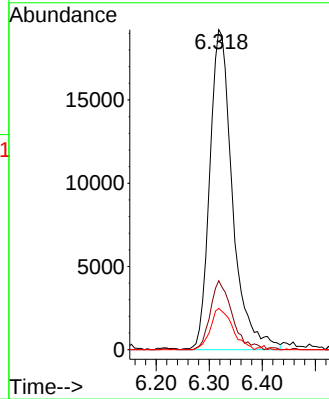
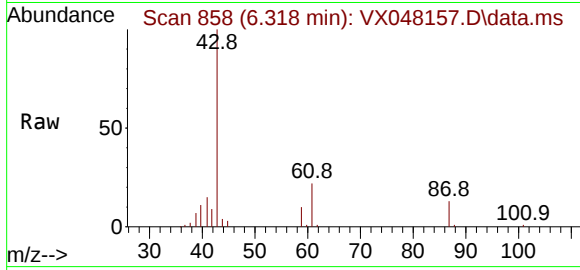
#43
Isopropyl Acetate
Concen: 15.610 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion: 43 Resp: 5727
Ion Ratio Lower Upper
43 100
61 20.6 15.2 22.8
87 12.4 9.6 14.4

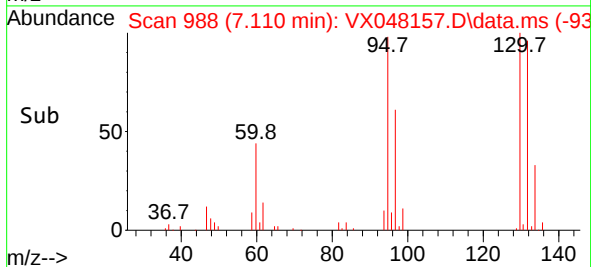
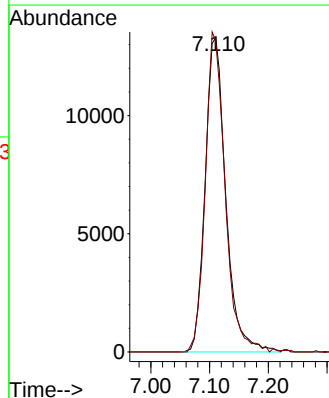
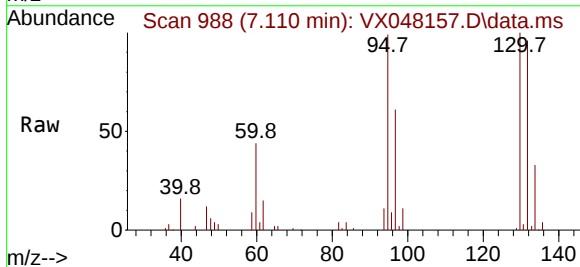
Manual Integrations
APPROVED

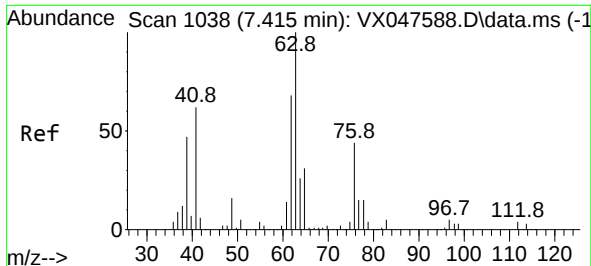
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#44
Trichloroethene
Concen: 21.150 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion:130 Resp: 32450
Ion Ratio Lower Upper
130 100
95 99.0 0.0 210.8





#45

1,2-Dichloropropane

Concen: 19.338 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

Tgt Ion: 63 Resp: 3142

Ion Ratio Lower Upper

63 100

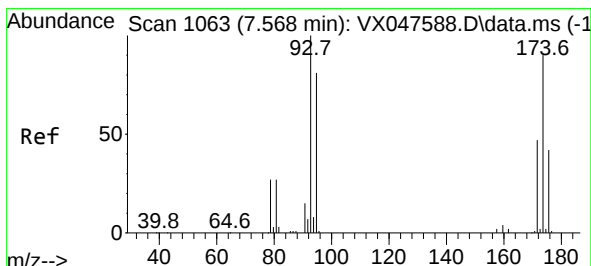
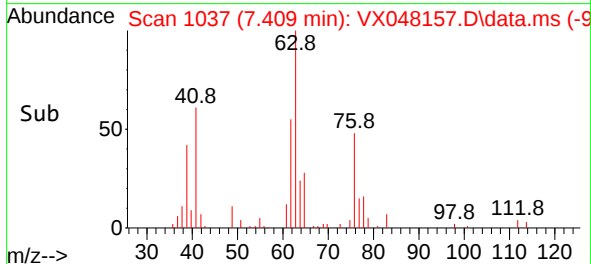
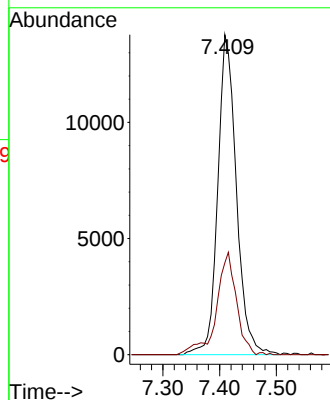
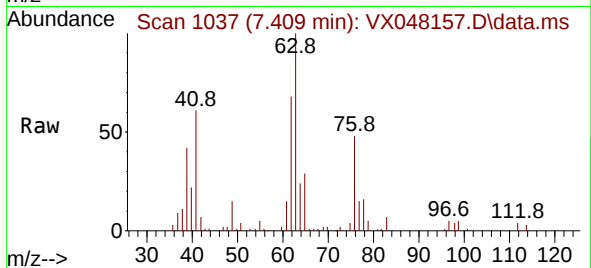
65 28.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#46

Dibromomethane

Concen: 19.032 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

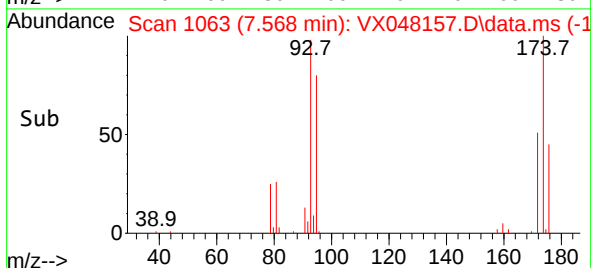
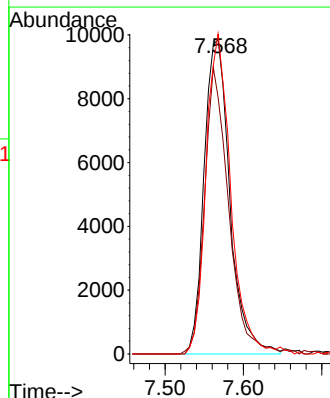
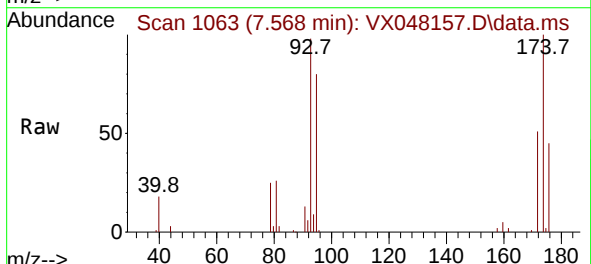
Tgt Ion: 93 Resp: 22506

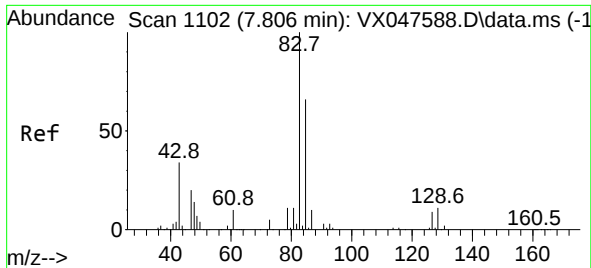
Ion Ratio Lower Upper

93 100

95 85.0 65.0 97.6

174 98.3 71.6 107.4





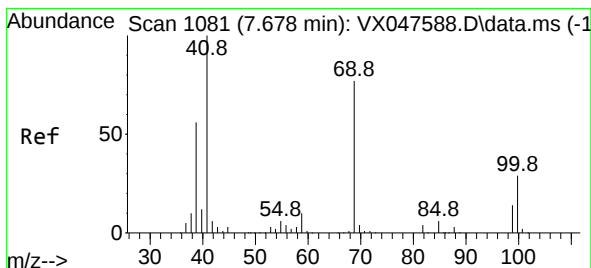
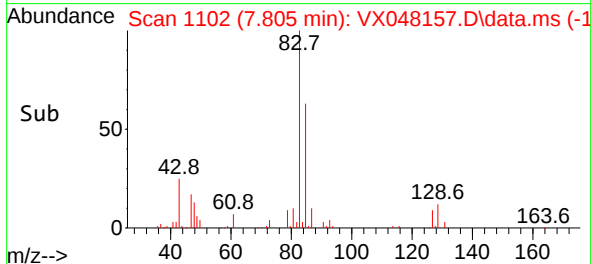
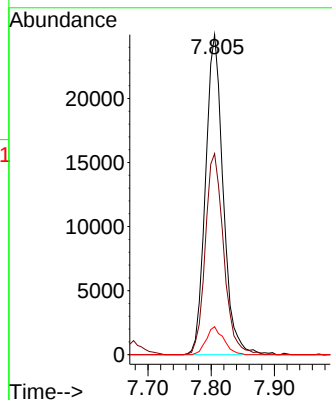
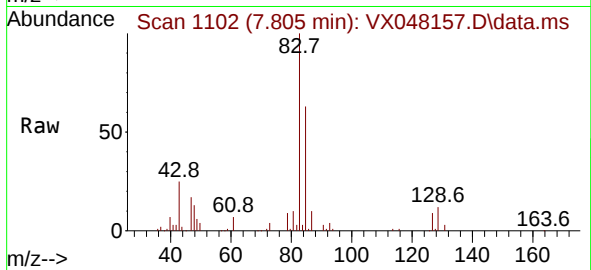
#47
Bromodichloromethane
Concen: 19.878 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion: 83 Resp: 4850
Ion Ratio Lower Upper
83 100
85 62.8 52.5 78.7
127 8.7 6.9 10.3

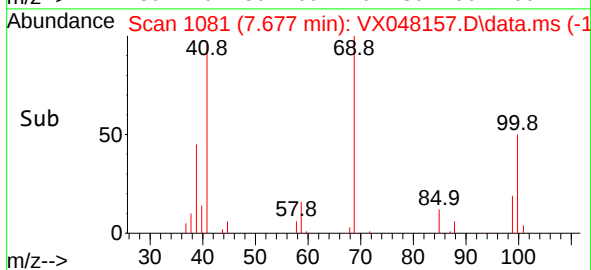
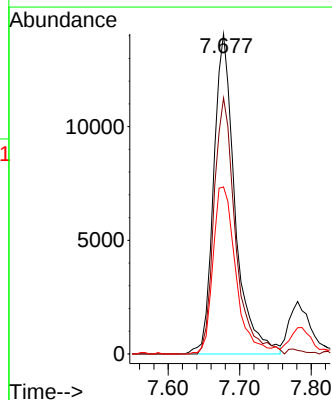
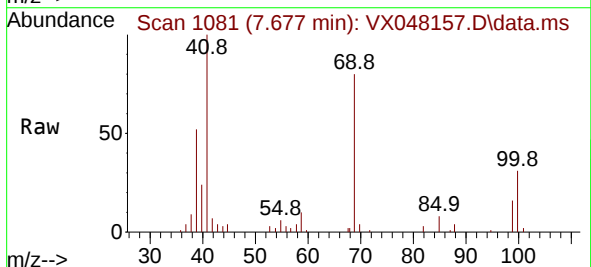
Manual Integrations
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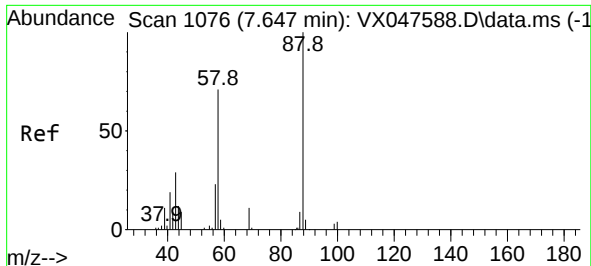
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#48
Methyl methacrylate
Concen: 16.022 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

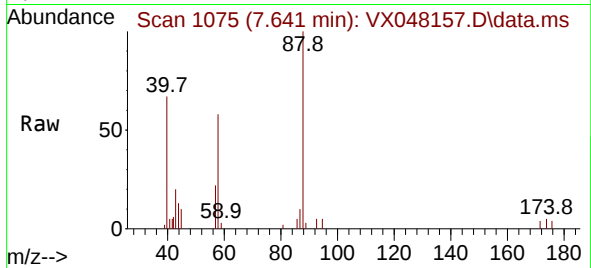
Tgt Ion: 41 Resp: 29284
Ion Ratio Lower Upper
41 100
69 79.7 61.4 92.2
39 55.6 45.8 68.6





#49
1,4-Dioxane
Concen: 367.338 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

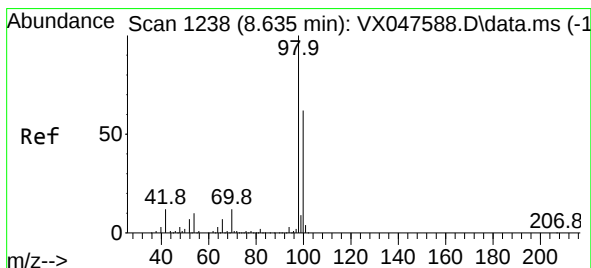
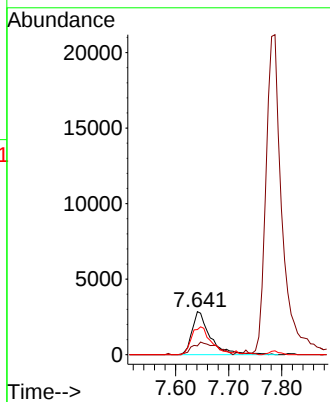
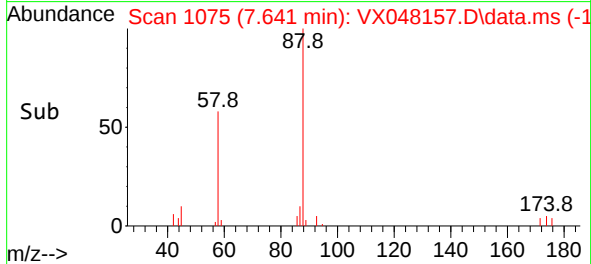
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion: 88 Resp: 6785
Ion Ratio Lower Upper
88 100
43 38.8 30.2 45.2
58 69.3 59.5 89.3

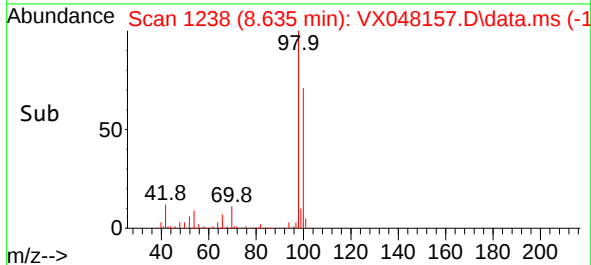
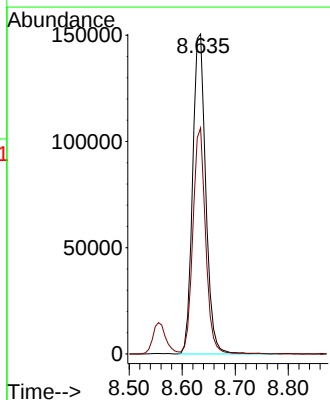
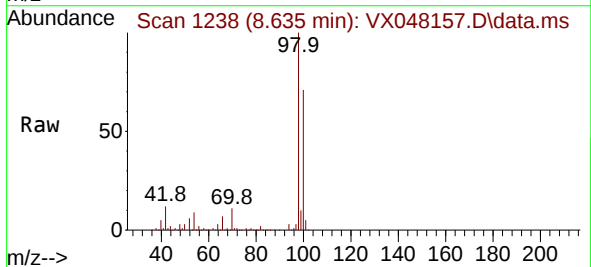
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#50
Toluene-d8
Concen: 52.219 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

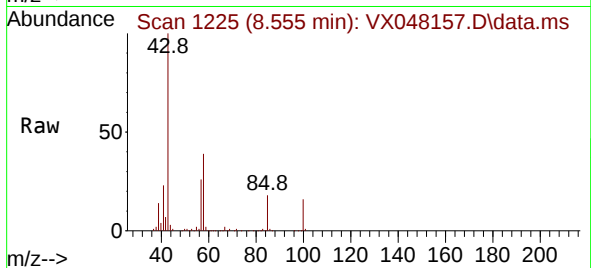
Tgt Ion: 98 Resp: 258374
Ion Ratio Lower Upper
98 100
100 68.0 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 82.718 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

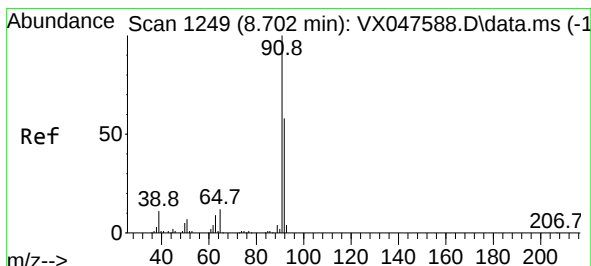
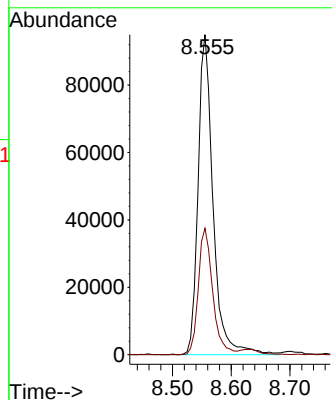
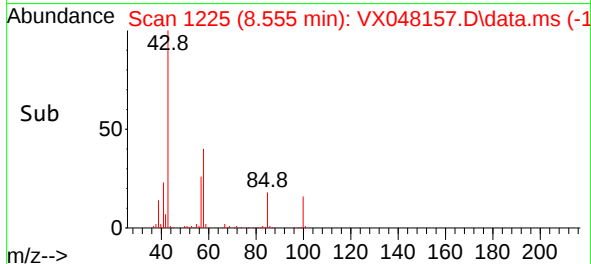
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion: 43 Resp: 168280
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5

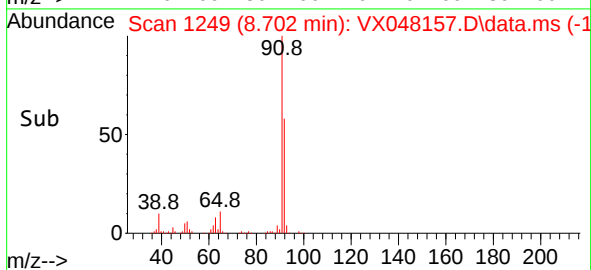
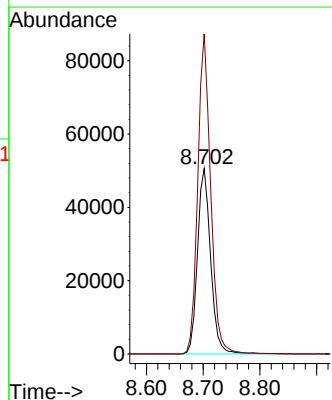
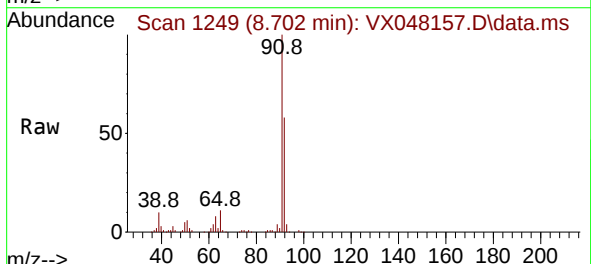
Manual Integrations
APPROVED

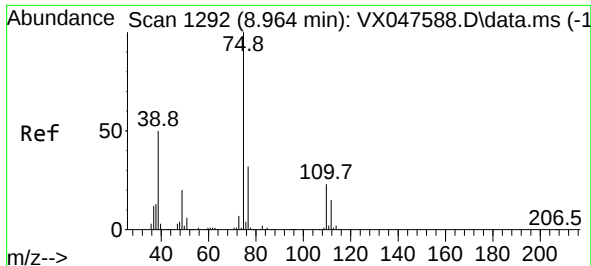
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#52
Toluene
Concen: 20.790 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion: 92 Resp: 81287
Ion Ratio Lower Upper
92 100
91 169.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 18.867 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

Tgt Ion: 75 Resp: 4696

Ion Ratio Lower Upper

75 100

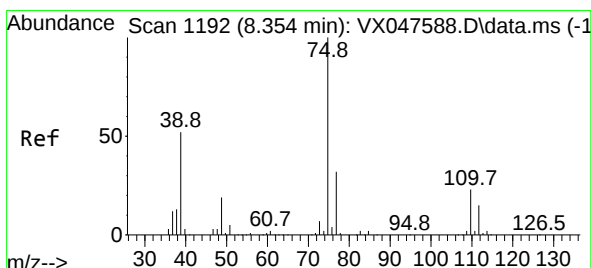
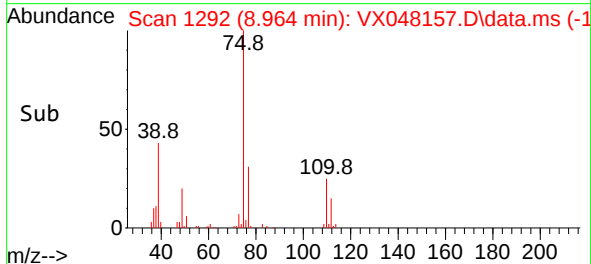
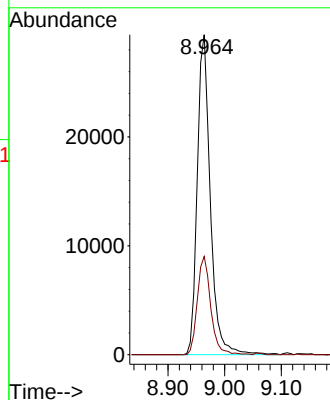
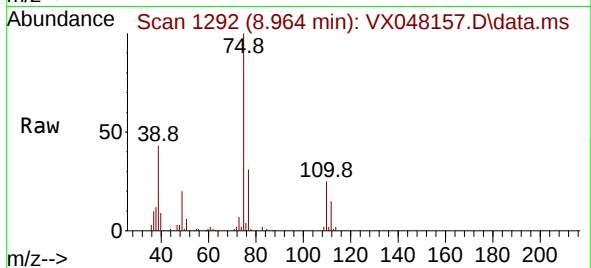
77 30.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#54

cis-1,3-Dichloropropene

Concen: 19.474 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

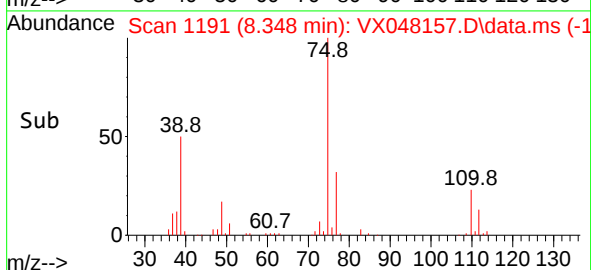
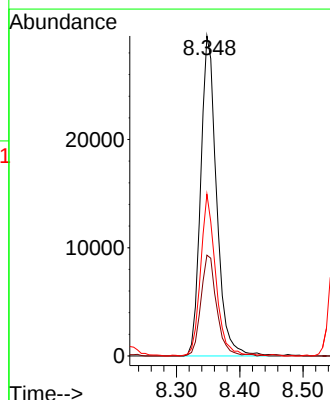
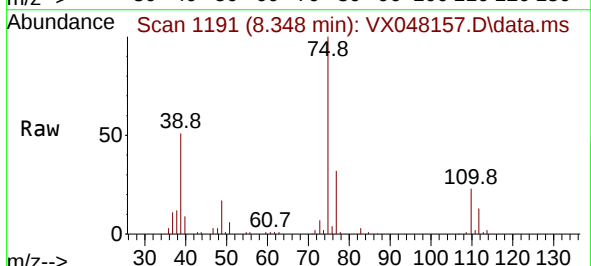
Tgt Ion: 75 Resp: 51810

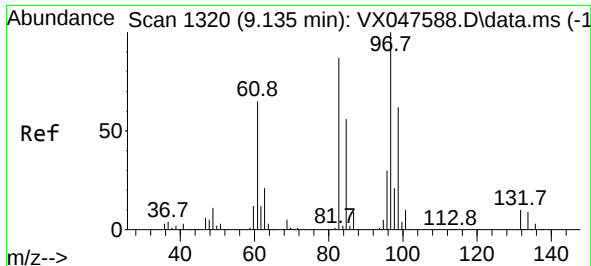
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

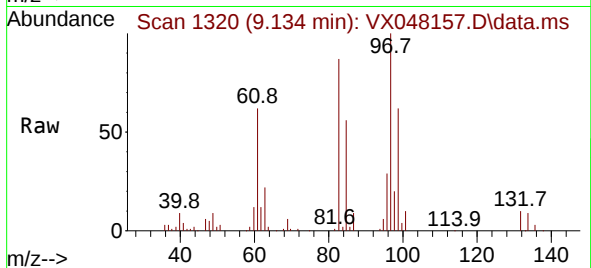
39 50.5 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 20.127 ug/l
RT: 9.134 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

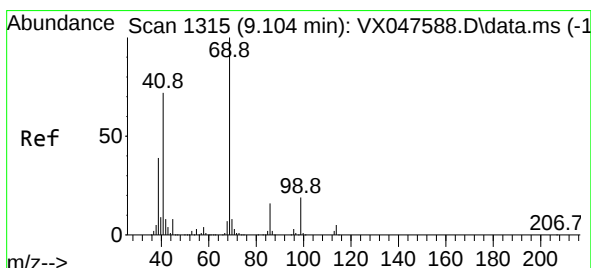
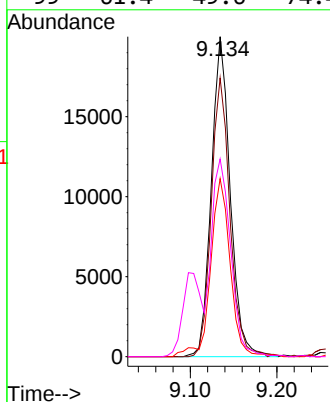
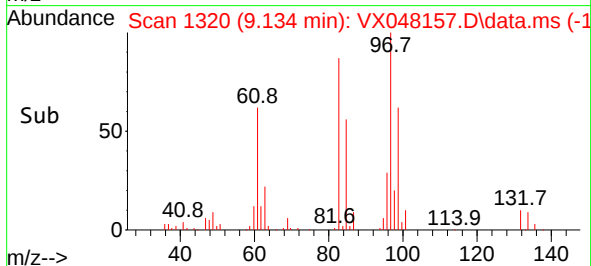


Tgt Ion: 97 Resp: 30344

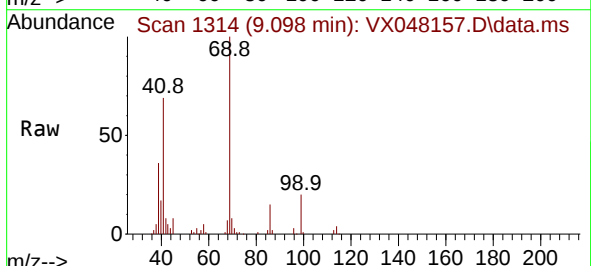
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.6	104.4
85	55.2	45.0	67.6
99	61.4	49.6	74.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

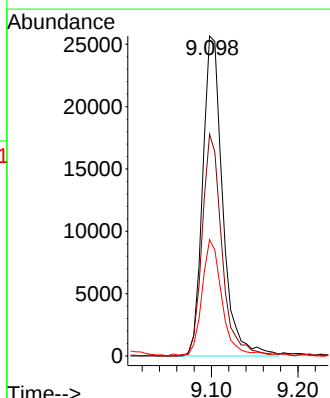
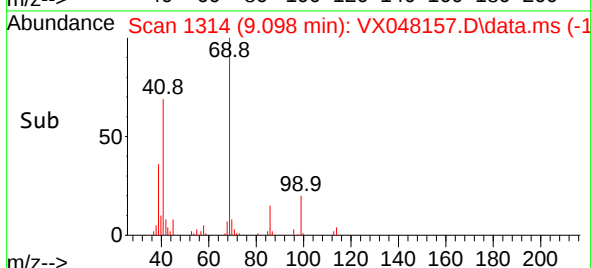


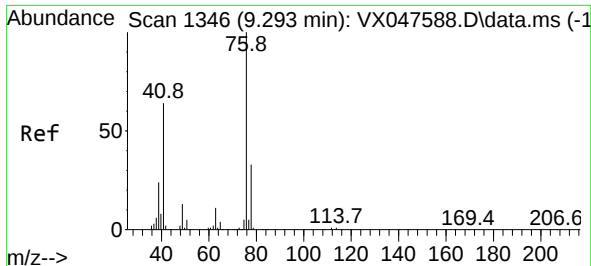
#56
Ethyl methacrylate
Concen: 17.412 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47



Tgt Ion: 69 Resp: 41227

Ion	Ratio	Lower	Upper
69	100		
41	68.9	58.6	87.8
39	36.5	31.5	47.3





#57

1,3-Dichloropropane

Concen: 20.203 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

Tgt Ion: 76 Resp: 5232

Ion Ratio Lower Upper

76 100

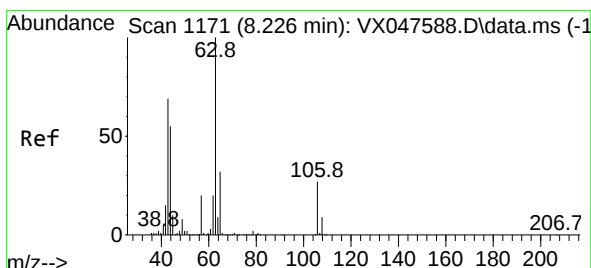
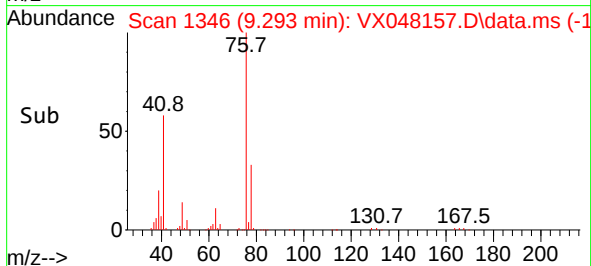
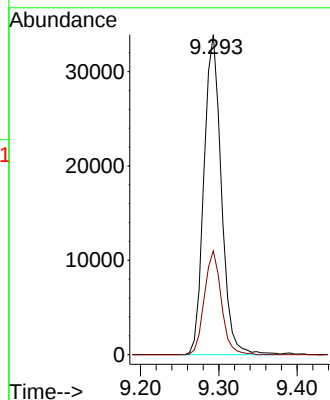
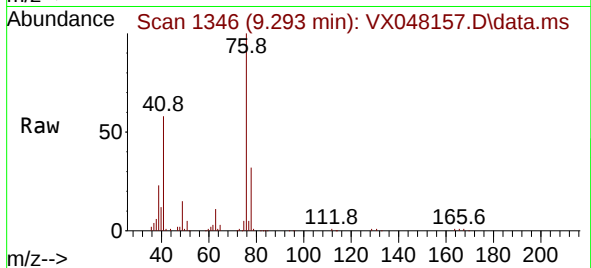
78 31.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.784 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048157.D

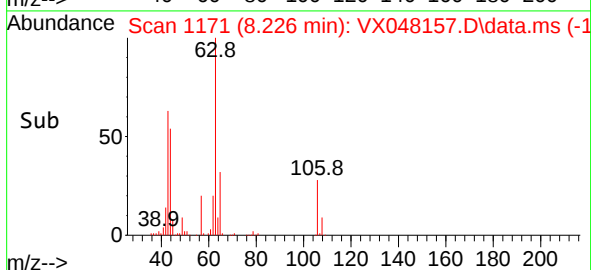
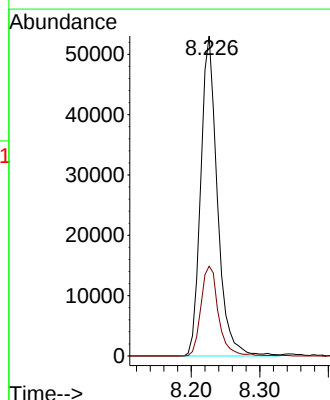
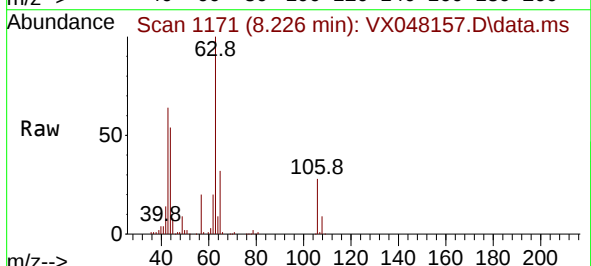
Acq: 14 Oct 2025 11:47

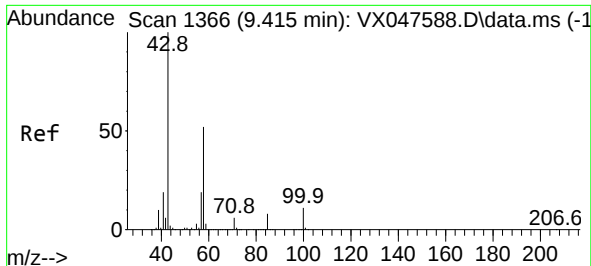
Tgt Ion: 63 Resp: 89842

Ion Ratio Lower Upper

63 100

106 29.3 21.9 32.9





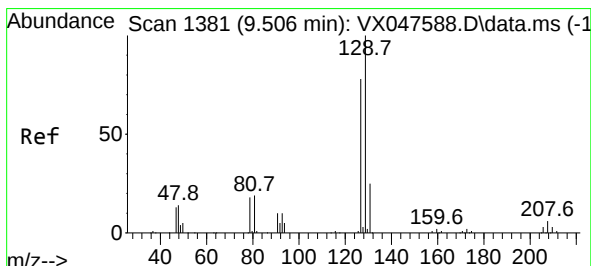
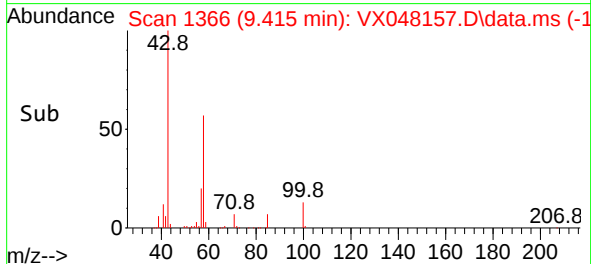
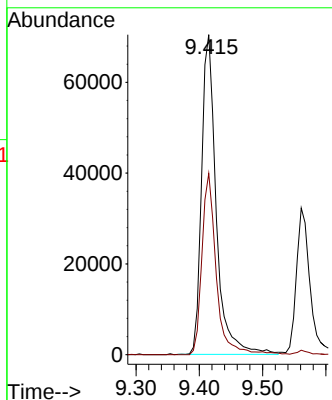
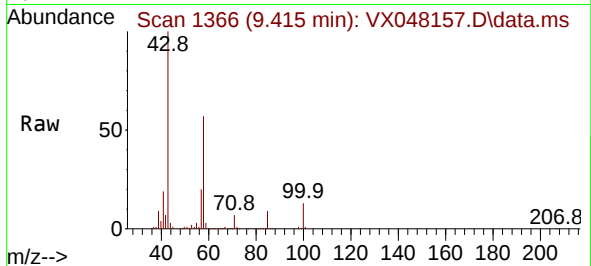
#59
2-Hexanone
Concen: 77.919 ug/l
RT: 9.415 min Scan# 11384
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion: 43 Resp: 11384
Ion Ratio Lower Upper
43 100
58 55.6 26.1 78.2

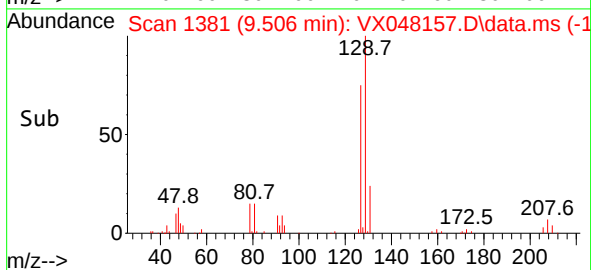
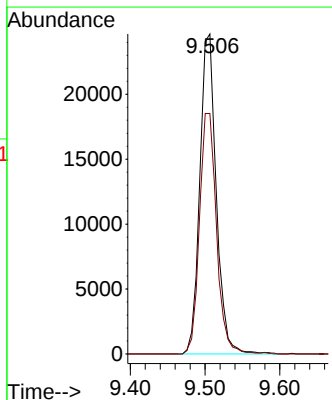
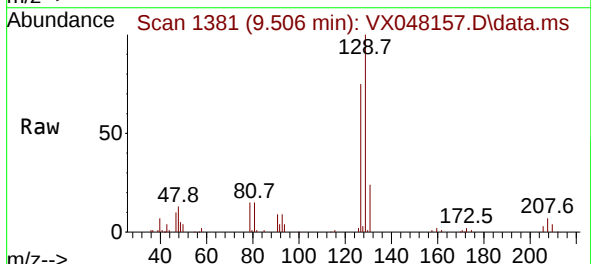
Manual Integrations
APPROVED

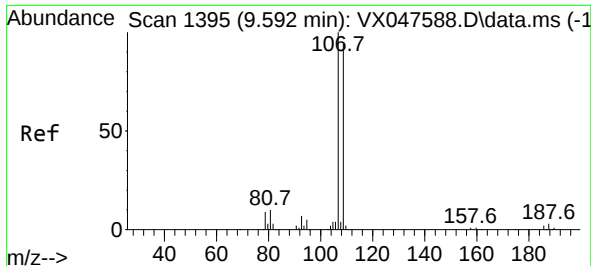
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#60
Dibromochloromethane
Concen: 21.659 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion:129 Resp: 37625
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





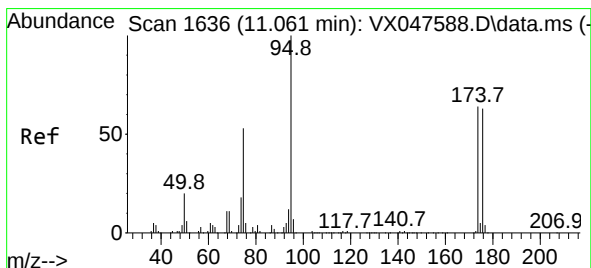
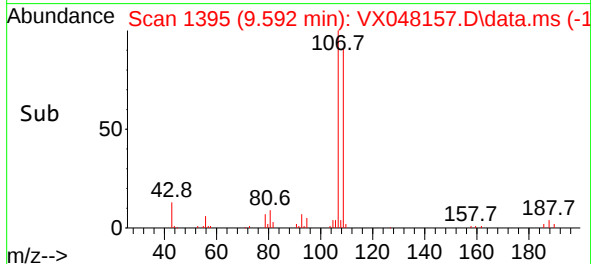
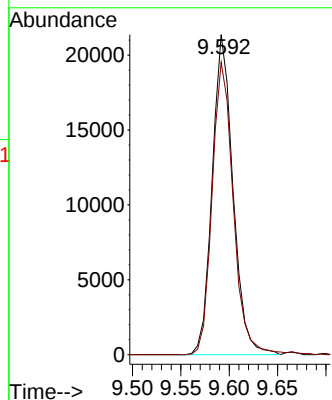
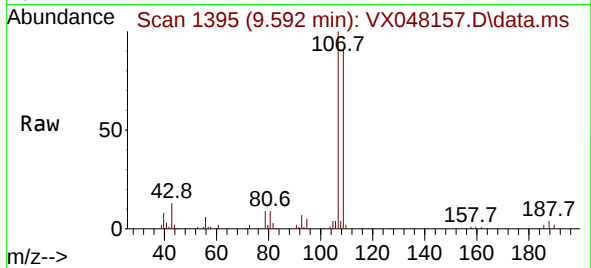
#61
1,2-Dibromoethane
Concen: 20.788 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion:107 Resp: 3192
Ion Ratio Lower Upper
107 100
109 93.2 75.3 112.9

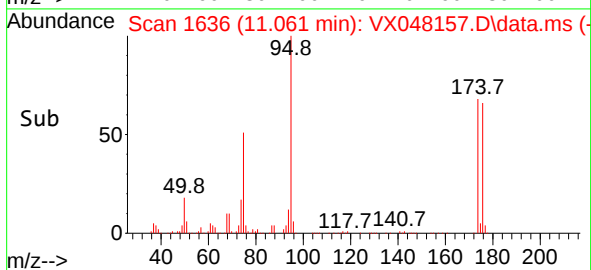
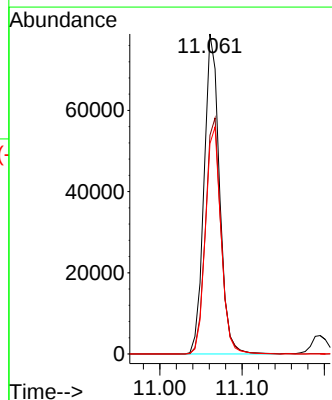
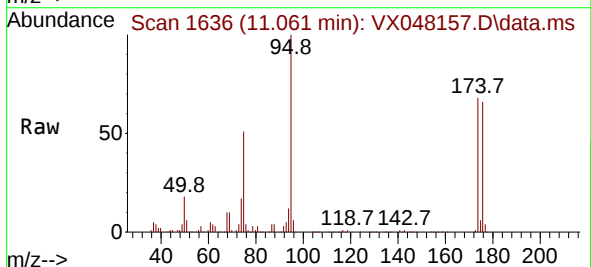
Manual Integrations
APPROVED

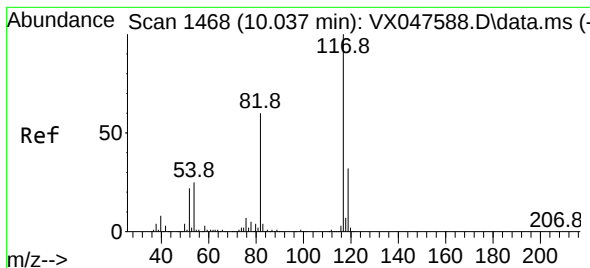
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#62
4-Bromofluorobenzene
Concen: 54.675 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

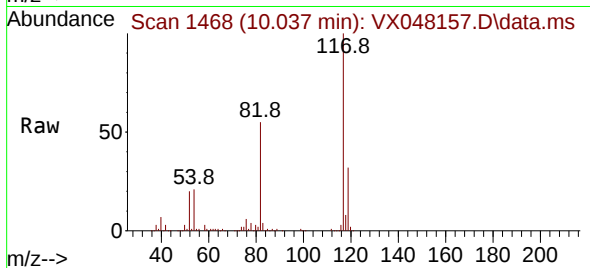
Tgt Ion: 95 Resp: 102670
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.6
176 71.8 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

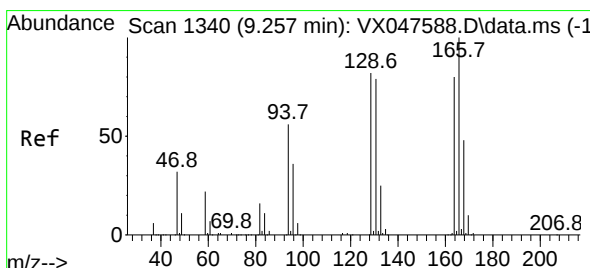
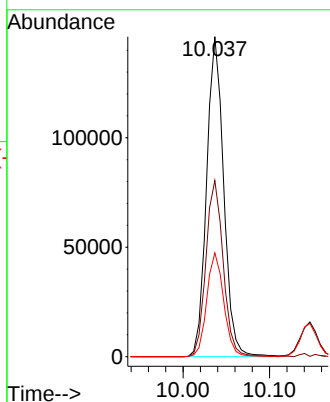
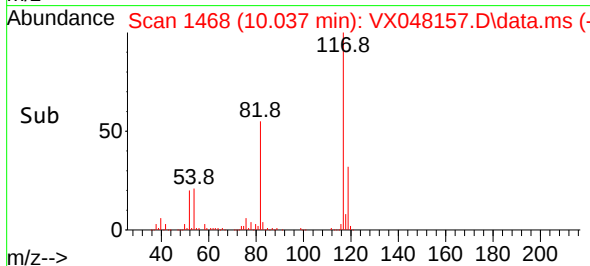
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion:117 Resp: 200560
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.6
119 32.4 25.2 37.8

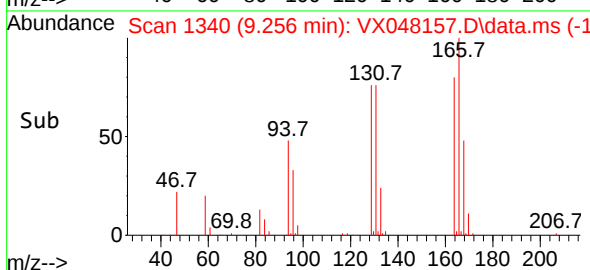
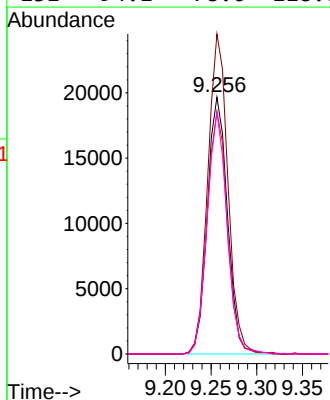
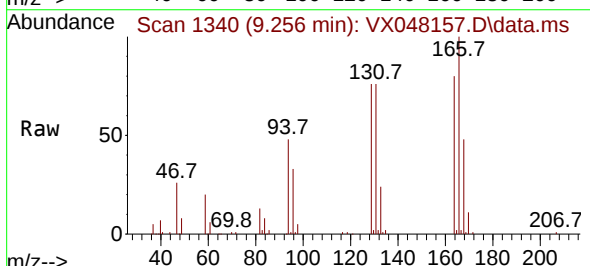
Manual Integrations
APPROVED

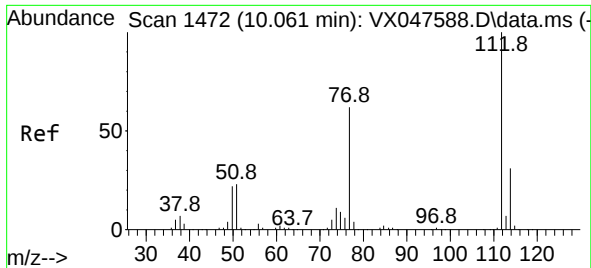
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#64
Tetrachloroethene
Concen: 22.938 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion:164 Resp: 29991
Ion Ratio Lower Upper
164 100
166 124.6 100.2 150.2
129 94.4 81.8 122.6
131 94.1 78.6 118.0





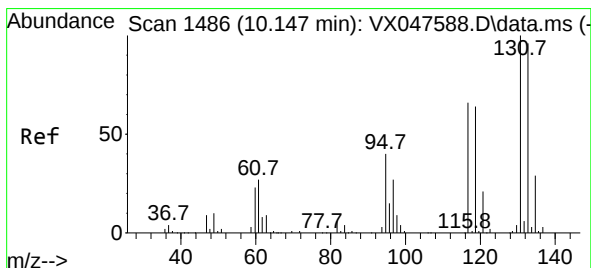
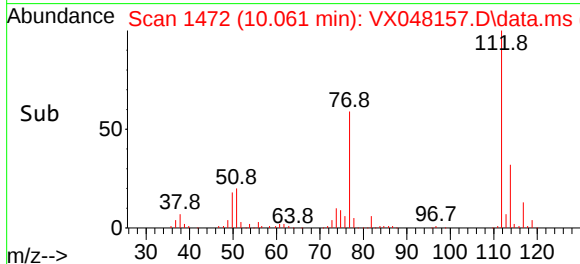
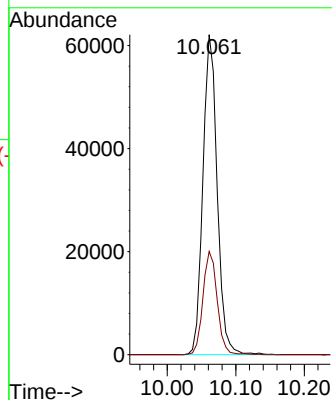
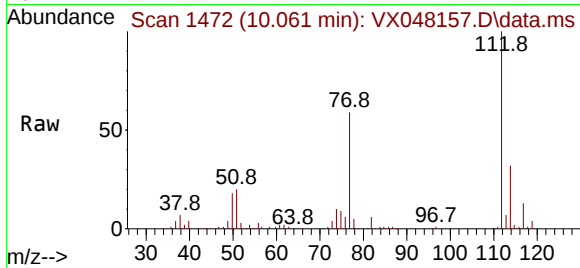
#65
Chlorobenzene
Concen: 19.779 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion:112 Resp: 9012
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

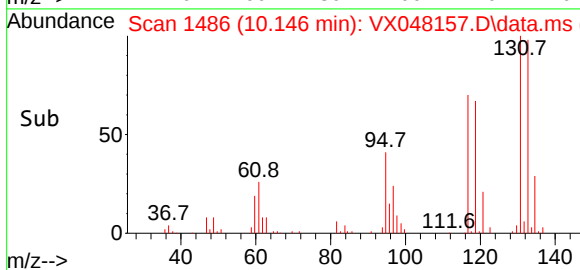
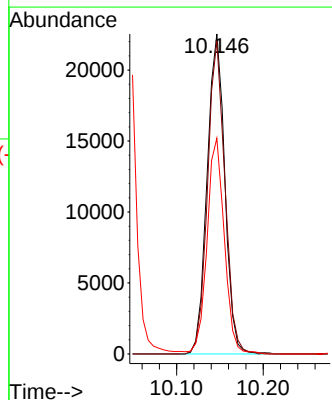
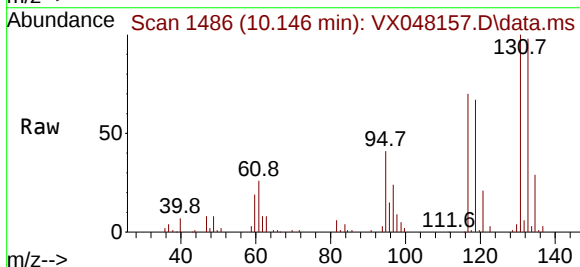
Manual Integrations
APPROVED

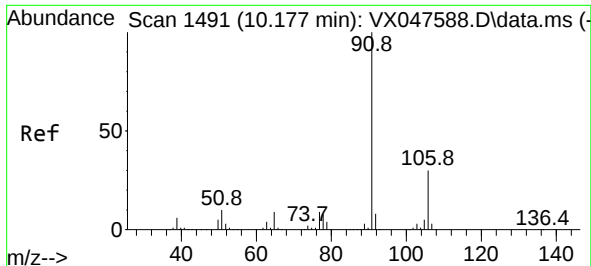
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.335 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion:131 Resp: 31973
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 65.9 32.0 96.0





#67

Ethyl Benzene

Concen: 19.224 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

Tgt Ion: 91 Resp: 15113

Ion Ratio Lower Upper

91 100

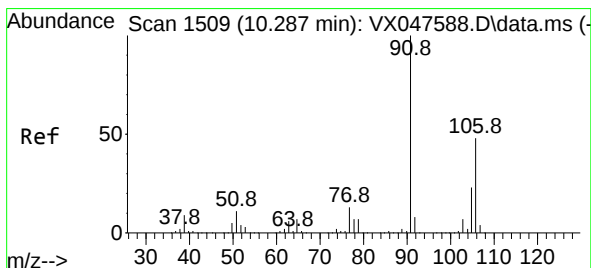
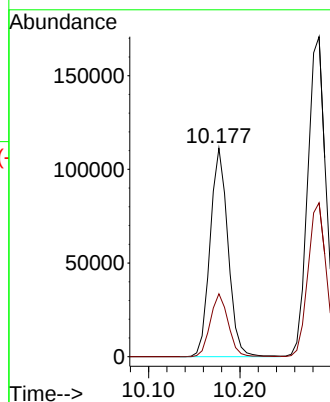
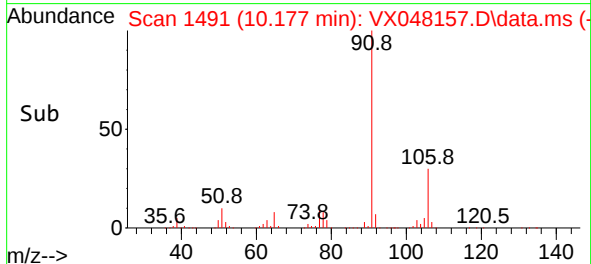
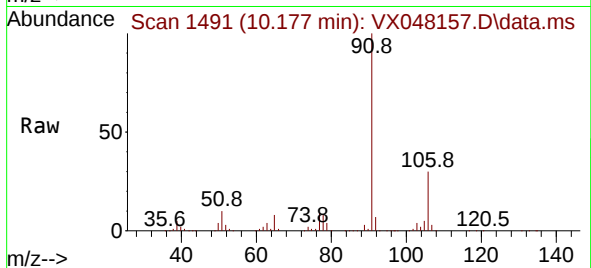
106 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#68

m/p-Xylenes

Concen: 39.917 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048157.D

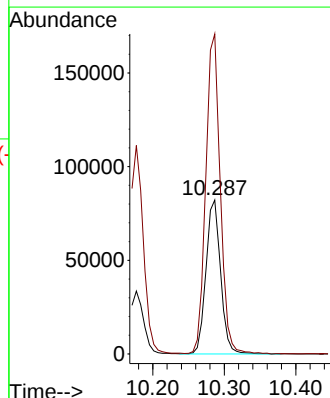
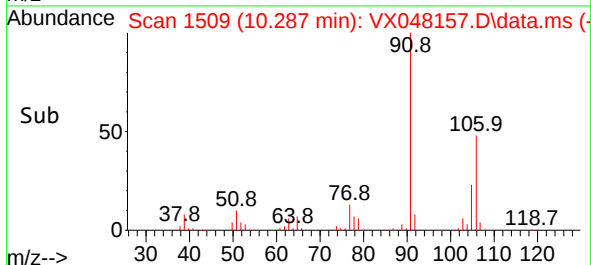
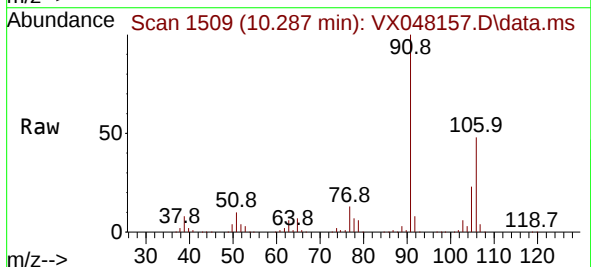
Acq: 14 Oct 2025 11:47

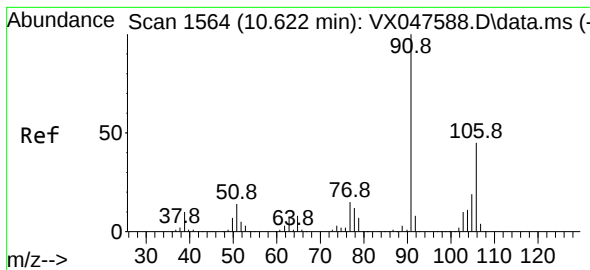
Tgt Ion:106 Resp: 116808

Ion Ratio Lower Upper

106 100

91 205.4 167.8 251.8





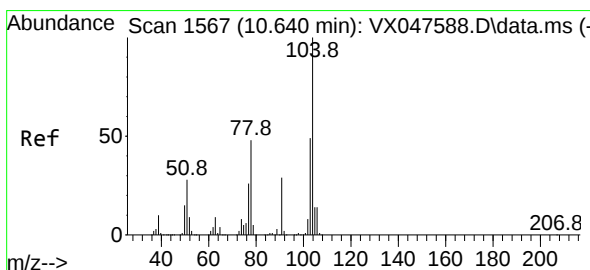
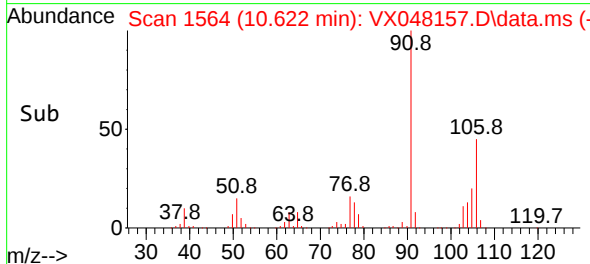
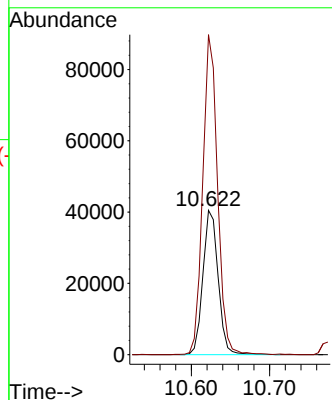
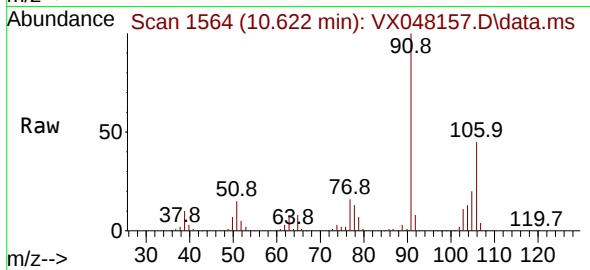
#69
o-Xylene
Concen: 19.280 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion:106 Resp: 54569
Ion Ratio Lower Upper
106 100
91 216.1 111.1 333.4

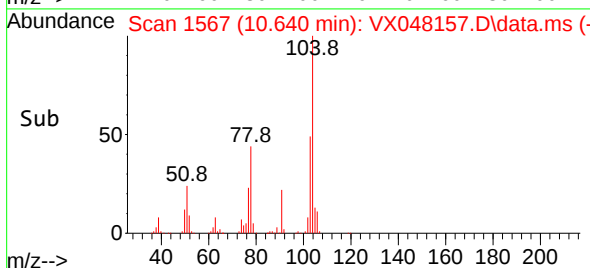
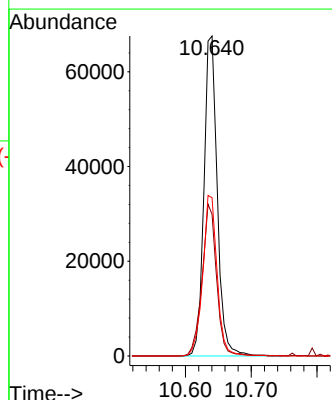
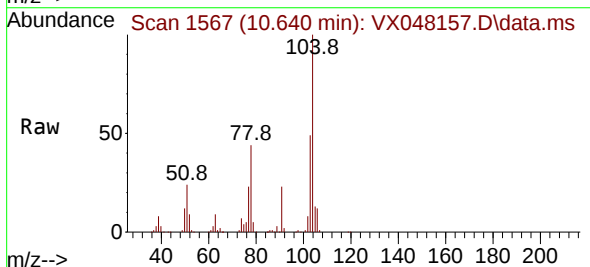
Manual Integrations
APPROVED

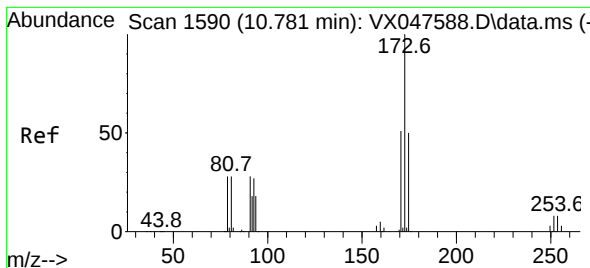
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#70
Styrene
Concen: 19.227 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion:104 Resp: 95353
Ion Ratio Lower Upper
104 100
78 51.4 43.1 64.7
103 54.1 43.1 64.7





#71

Bromoform

Concen: 20.768 ug/l

RT: 10.780 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

Tgt Ion:173 Resp: 2438

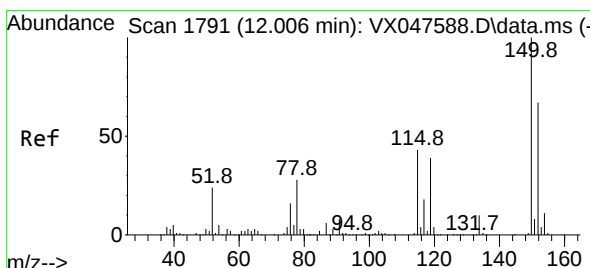
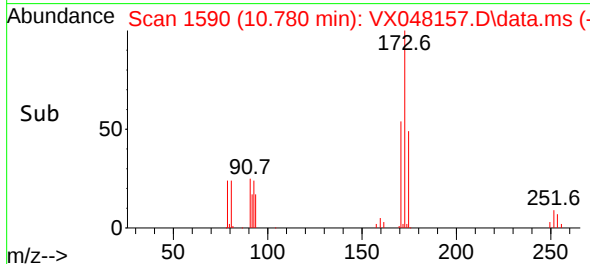
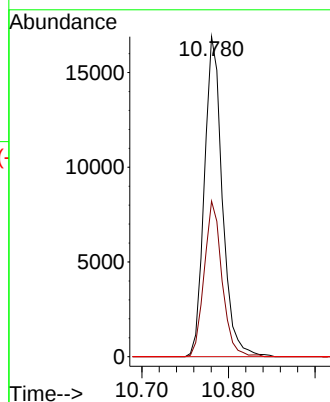
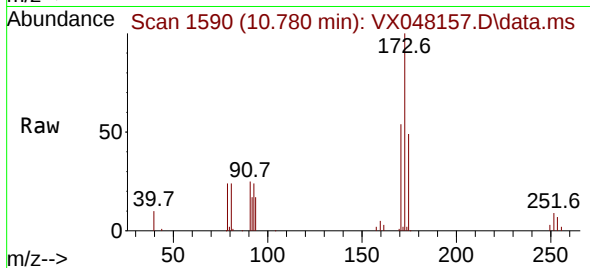
Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.9	74.6
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

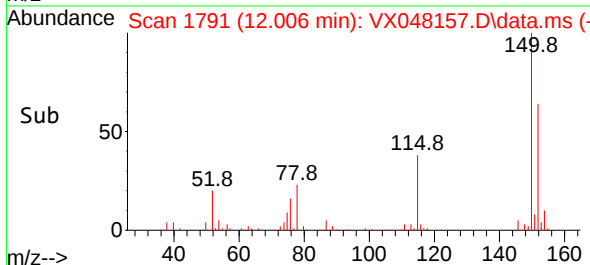
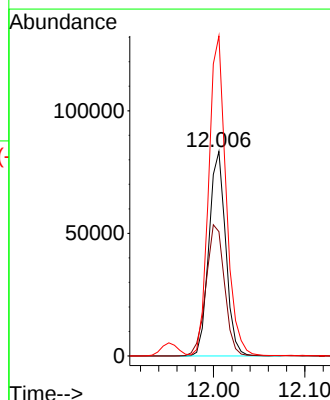
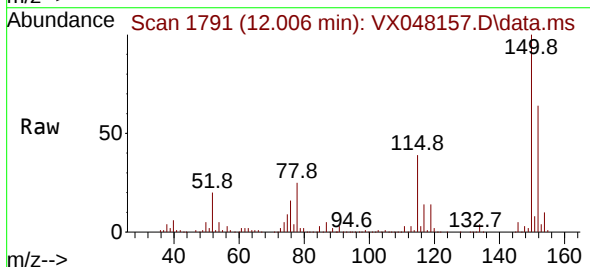
Delta R.T. -0.000 min

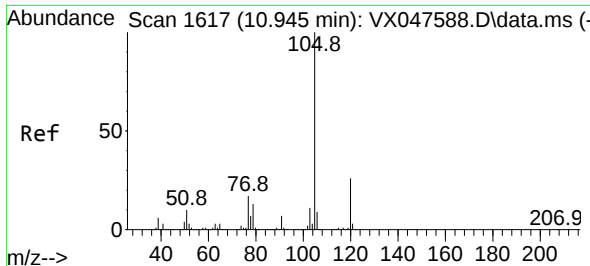
Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Tgt Ion:152 Resp: 106639

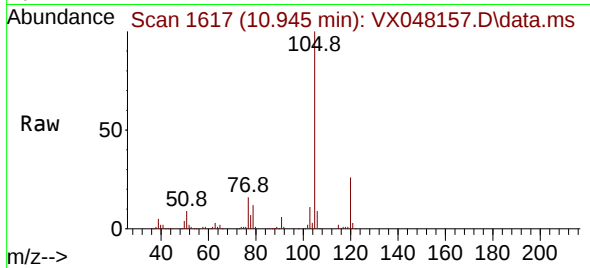
Ion	Ratio	Lower	Upper
152	100		
115	70.8	44.9	134.5
150	161.6	0.0	352.0





#73
Isopropylbenzene
Concen: 17.711 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

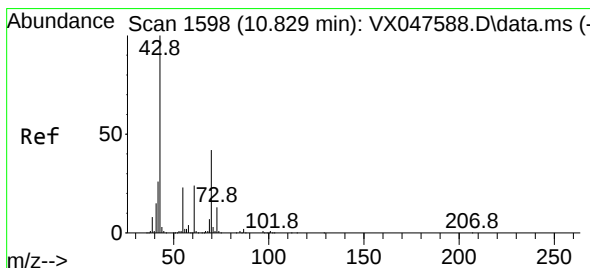
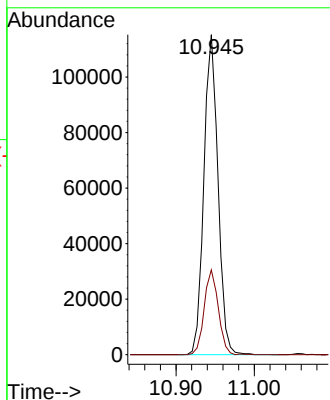
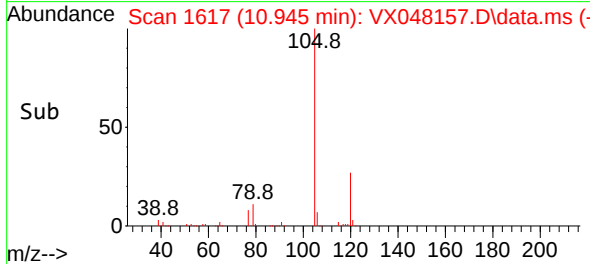
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion:105 Resp: 14359
Ion Ratio Lower Upper
105 100
120 26.5 12.8 38.4

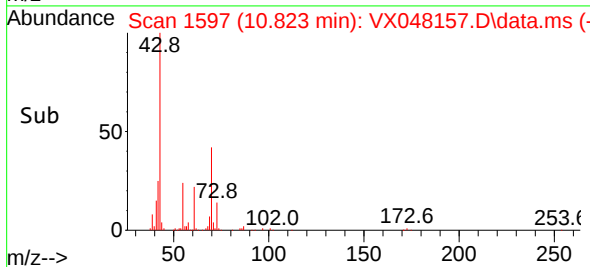
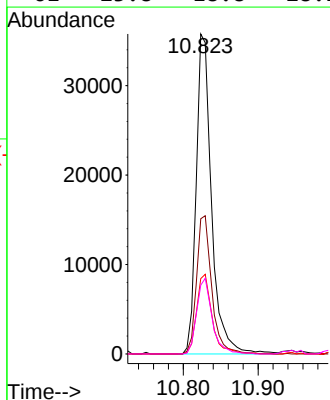
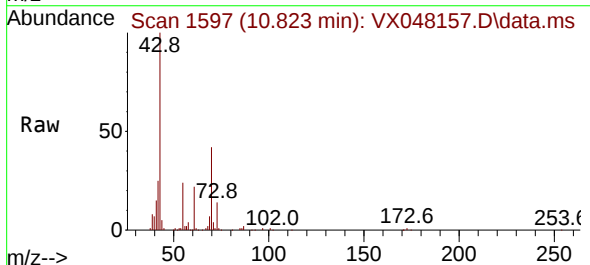
Manual Integrations
APPROVED

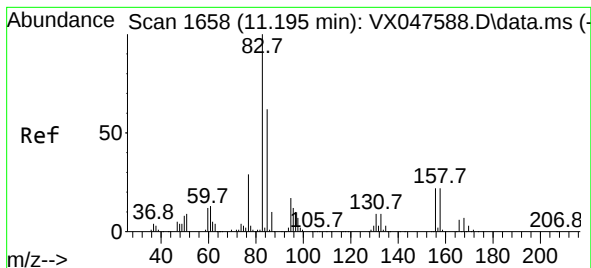
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#74
N-ethyl acetate
Concen: 13.786 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

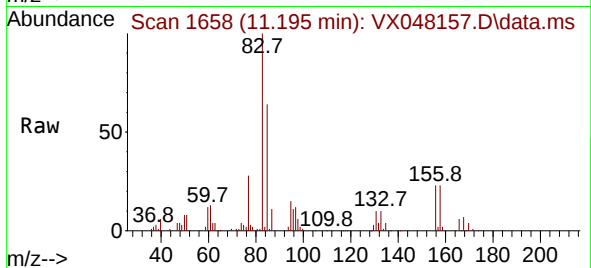
Tgt Ion: 43 Resp: 50968
Ion Ratio Lower Upper
43 100
70 42.9 32.0 48.0
55 25.1 18.9 28.3
61 23.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 16.754 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

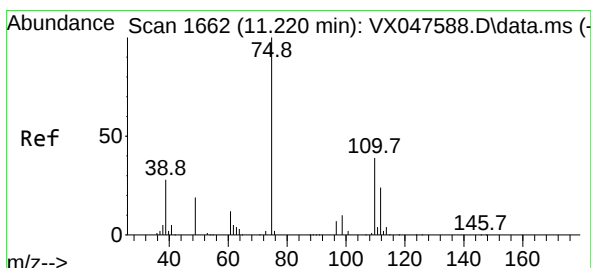
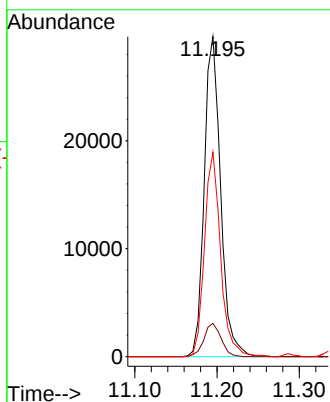
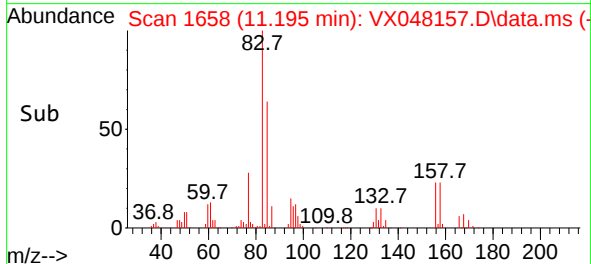
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion: 83 Resp: 41095
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 62.9 31.6 95.0

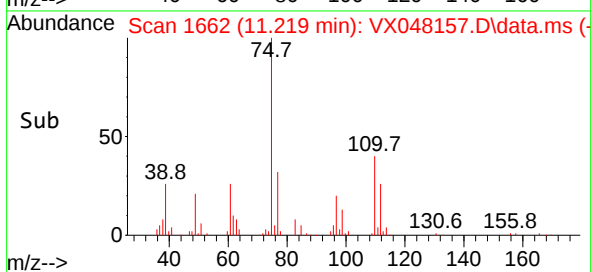
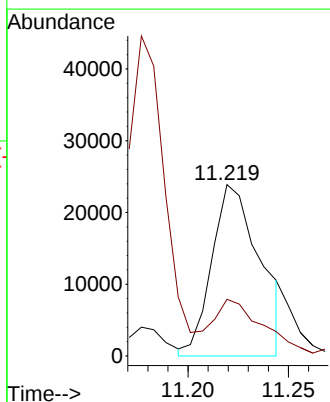
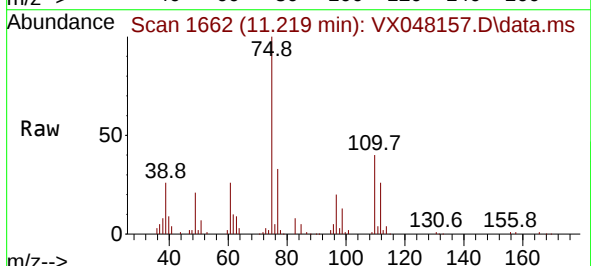
Manual Integrations
APPROVED

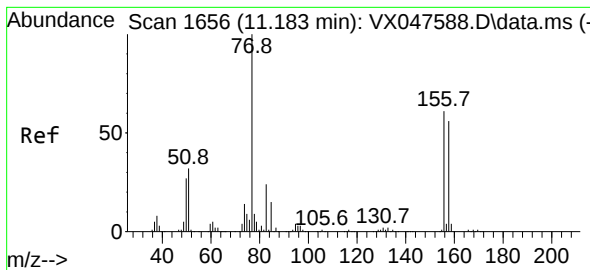
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#76
1,2,3-Trichloropropane
Concen: 18.379 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion: 75 Resp: 39683
Ion Ratio Lower Upper
75 100
77 33.1 18.8 56.4





#77

Bromobenzene

Concen: 18.324 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

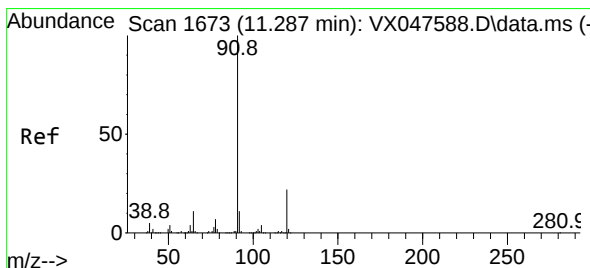
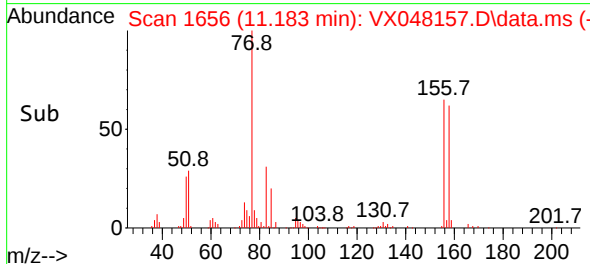
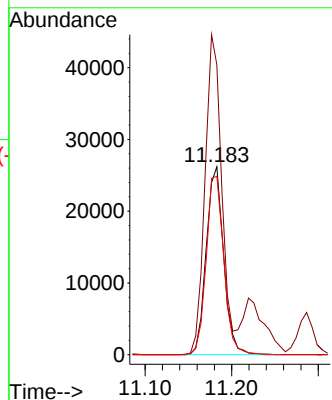
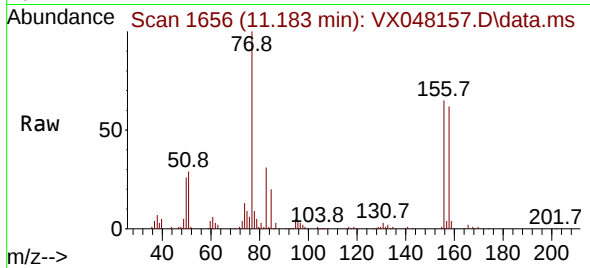
Tgt Ion:	156	Resp:	36590
Ion Ratio	Lower	Upper	
156	100		
77	165.4	89.7	269.1
158	95.8	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#78

n-propylbenzene

Concen: 18.047 ug/l

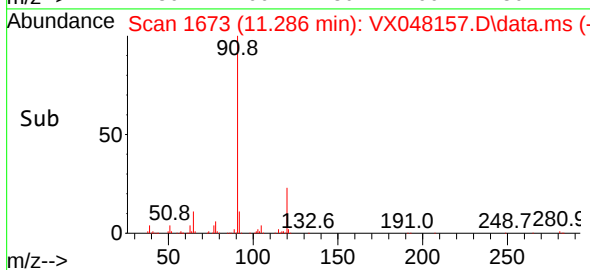
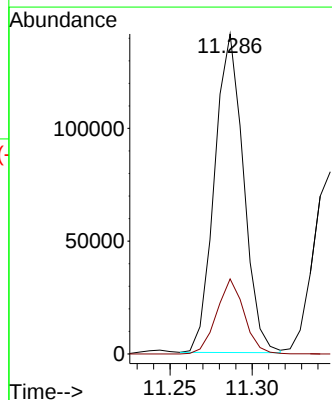
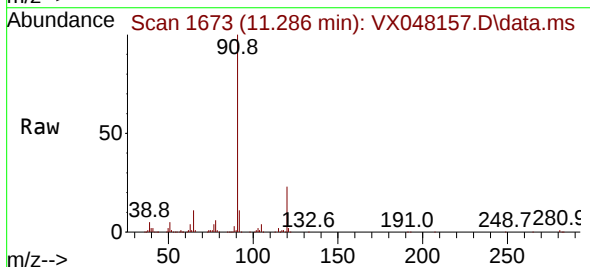
RT: 11.286 min Scan# 1673

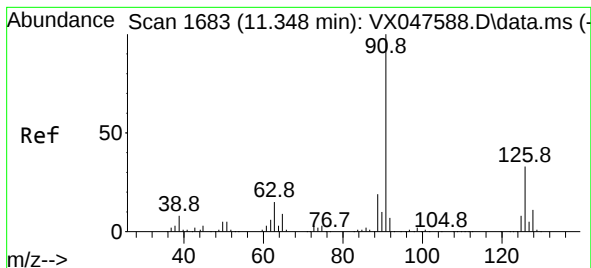
Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Tgt Ion:	91	Resp:	172966
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.1





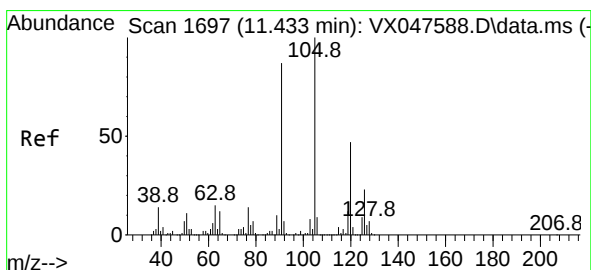
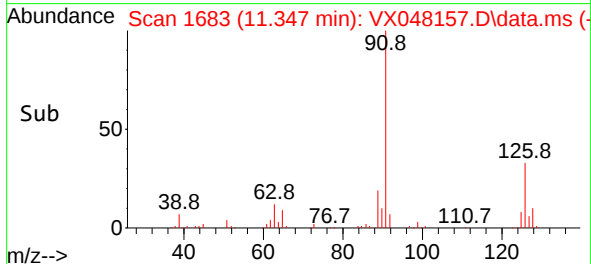
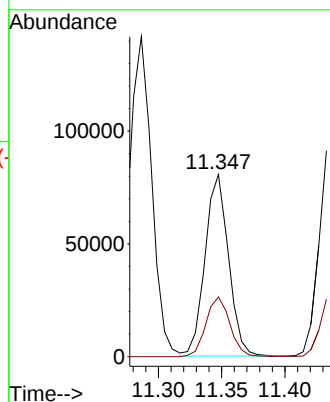
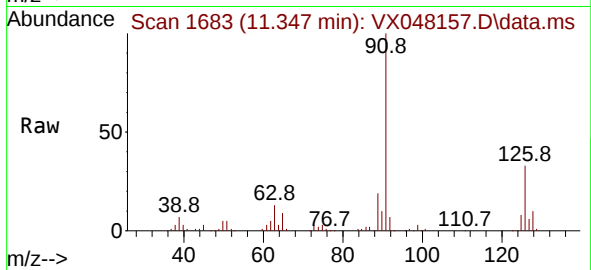
#79
2-Chlorotoluene
Concen: 17.726 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion: 91 Resp: 104052
Ion Ratio Lower Upper
91 100
126 33.5 16.1 48.3

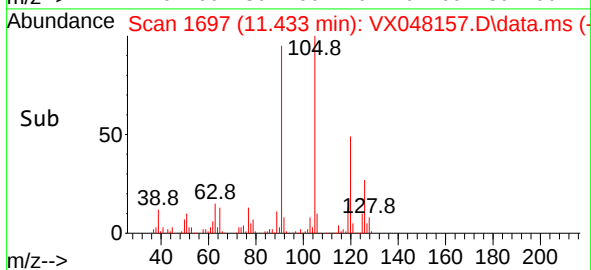
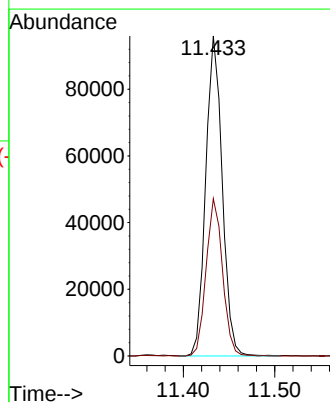
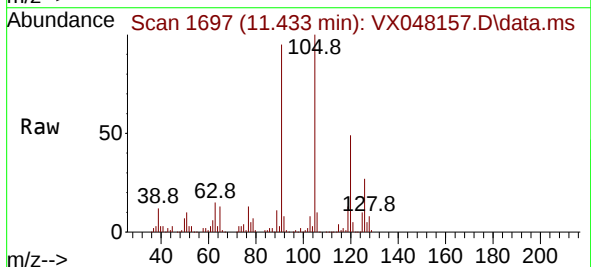
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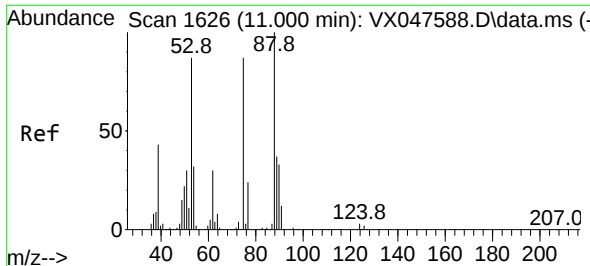
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.024 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

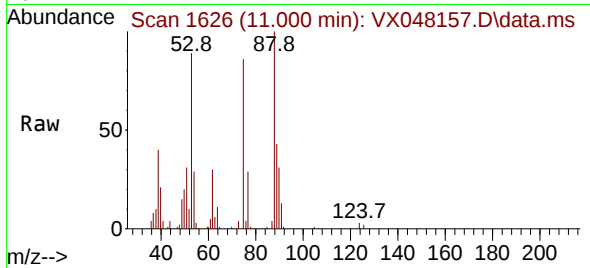
Tgt Ion:105 Resp: 120053
Ion Ratio Lower Upper
105 100
120 48.9 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 14.130 ug/l
RT: 11.000 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

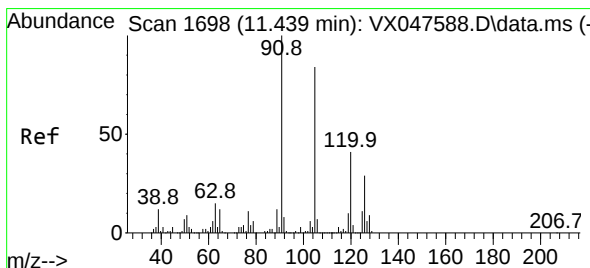
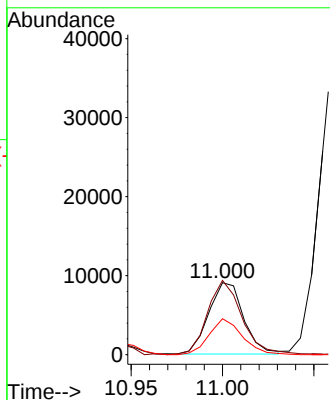
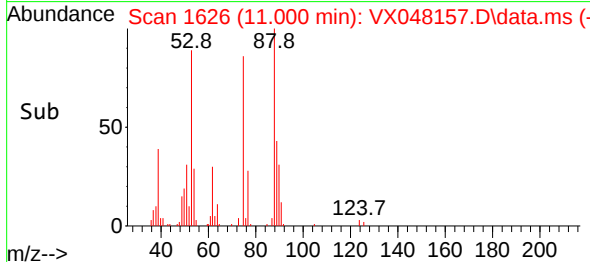
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion: 75 Resp: 1196
Ion Ratio Lower Upper
75 100
53 104.0 83.4 125.2
89 48.0 36.3 54.5

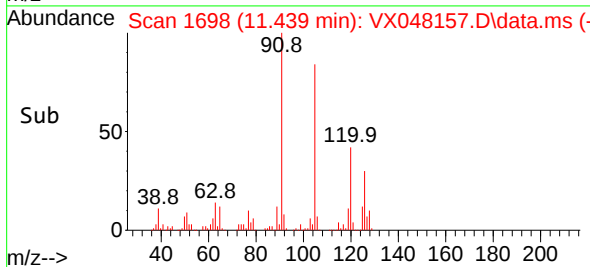
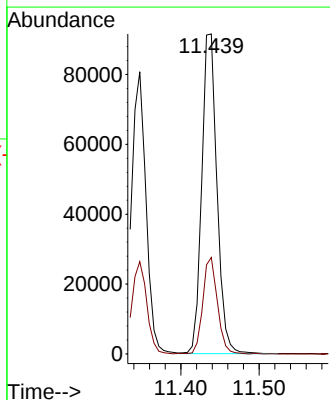
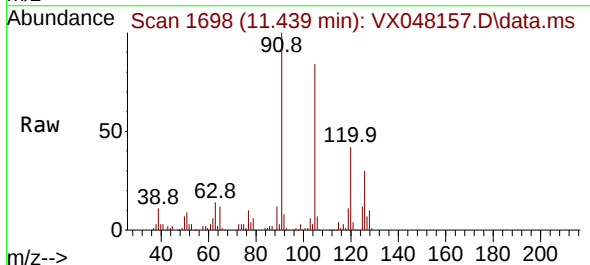
Manual Integrations
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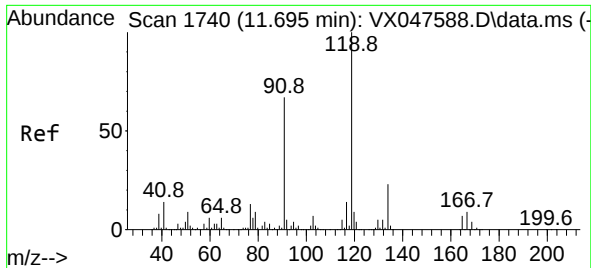
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#82
4-Chlorotoluene
Concen: 17.799 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

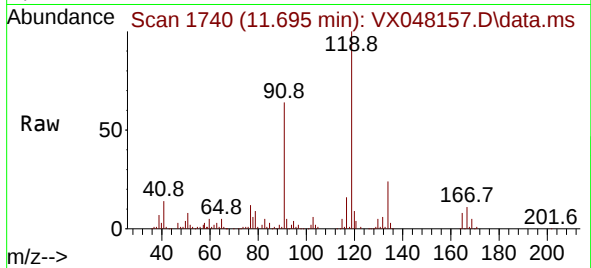
Tgt Ion: 91 Resp: 123395
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 17.495 ug/l
RT: 11.695 min Scan# 11740
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

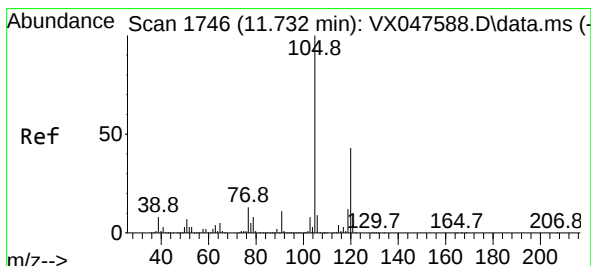
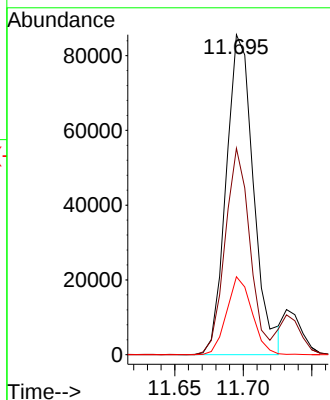
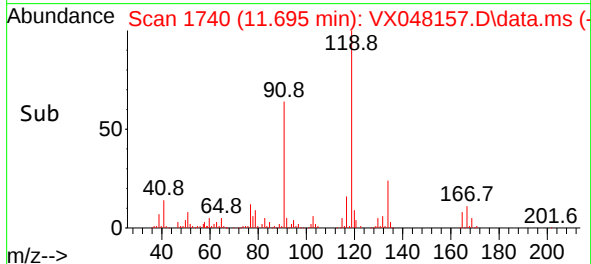
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



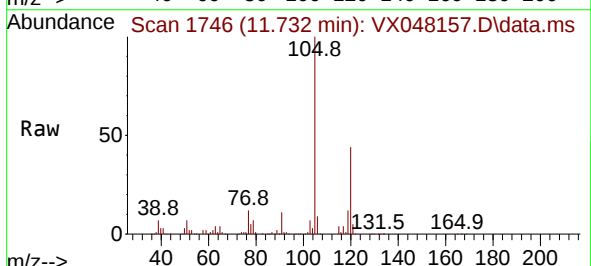
Tgt Ion:119 Resp: 11929
Ion Ratio Lower Upper
119 100
91 58.6 29.6 88.8
134 22.5 11.0 33.0

Manual Integrations
APPROVED

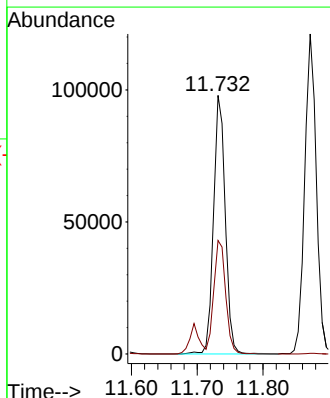
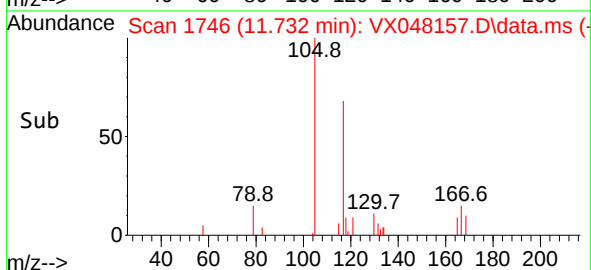
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

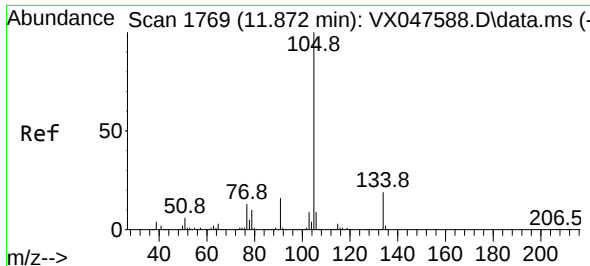


#84
1,2,4-Trimethylbenzene
Concen: 18.007 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47



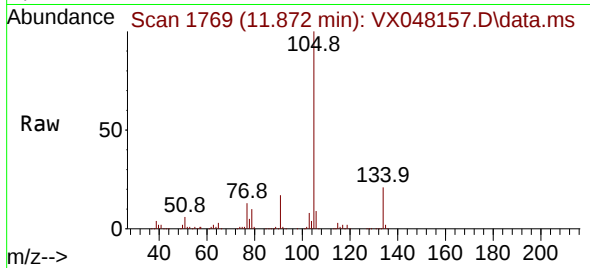
Tgt Ion:105 Resp: 121604
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 18.371 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048157.D
 Acq: 14 Oct 2025 11:47

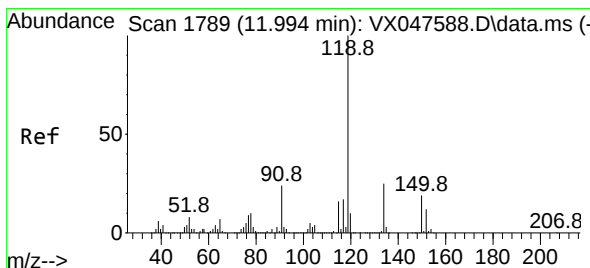
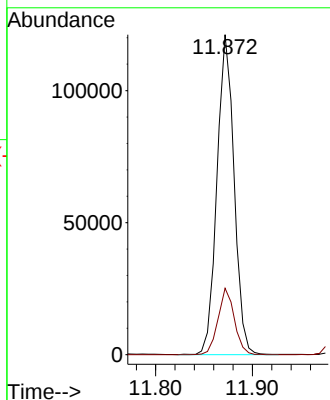
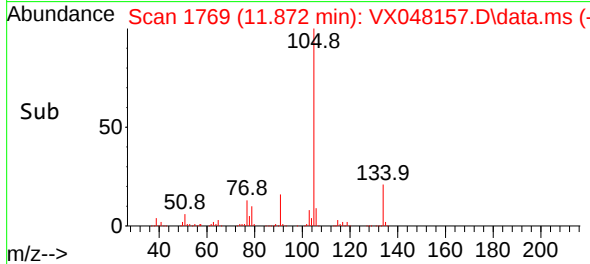
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01



Tgt Ion:105 Resp: 148790
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

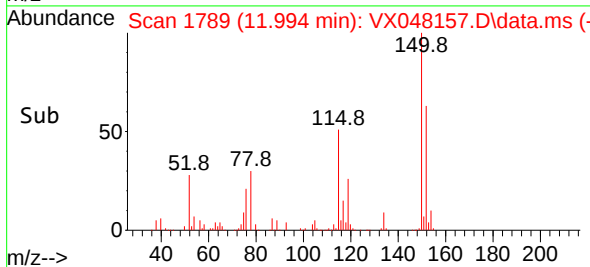
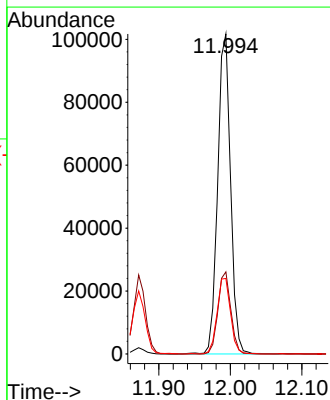
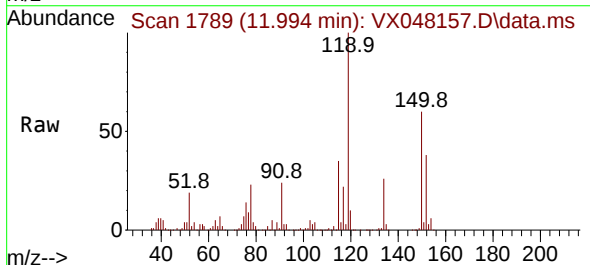
Manual Integrations
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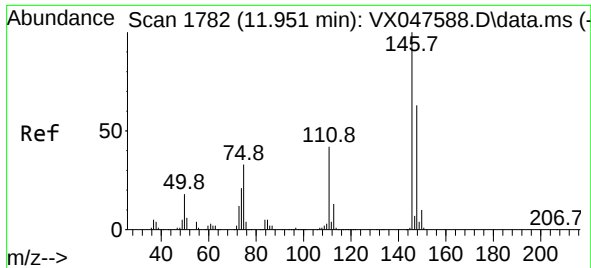
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#86
 p-Isopropyltoluene
 Concen: 18.539 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX048157.D
 Acq: 14 Oct 2025 11:47

Tgt Ion:119 Resp: 127115
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.7 12.6 37.6





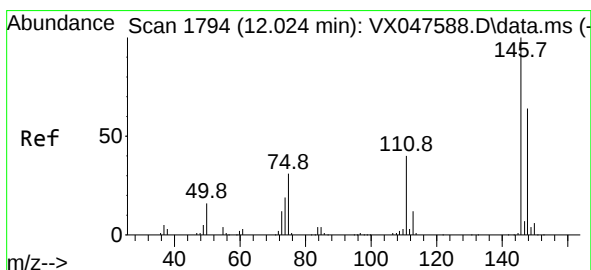
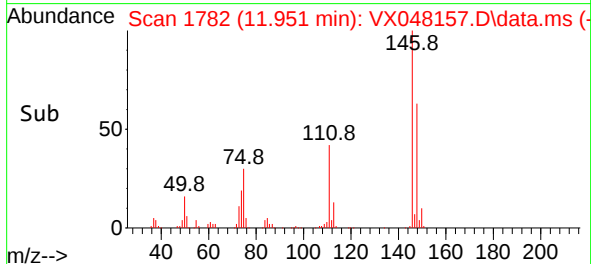
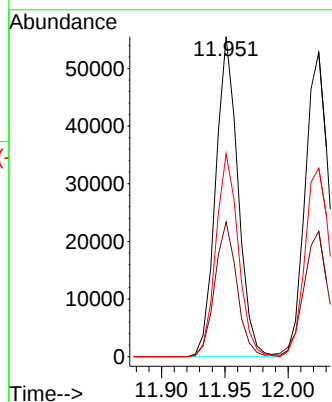
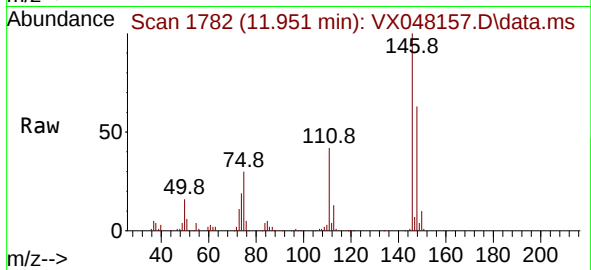
#87
1,3-Dichlorobenzene
Concen: 18.324 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01

Tgt Ion:146 Resp: 67962
Ion Ratio Lower Upper
146 100
111 41.5 21.5 64.5
148 63.7 32.0 96.0

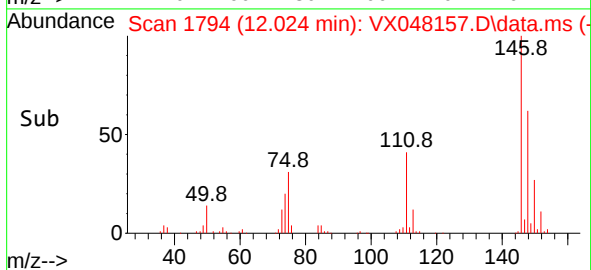
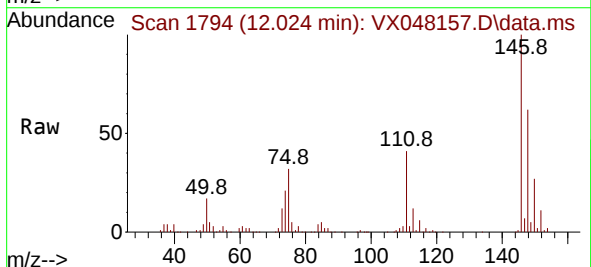
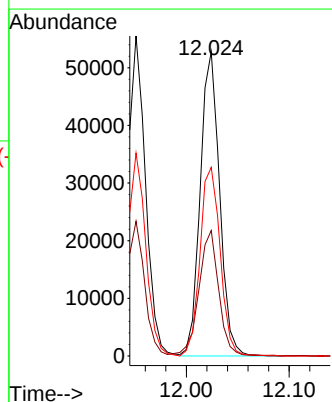
Manual Integrations
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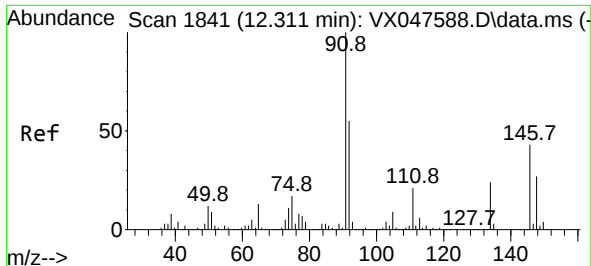
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#88
1,4-Dichlorobenzene
Concen: 18.173 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion:146 Resp: 69178
Ion Ratio Lower Upper
146 100
111 42.4 20.8 62.4
148 64.7 31.7 95.1





#89

n-Butylbenzene

Concen: 18.049 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

Tgt Ion: 91 Resp: 114510

Ion Ratio Lower Upper

91 100

92 53.2 27.6 82.7

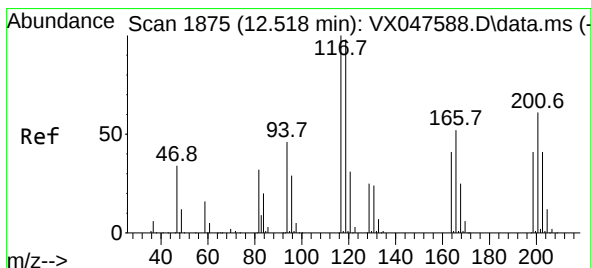
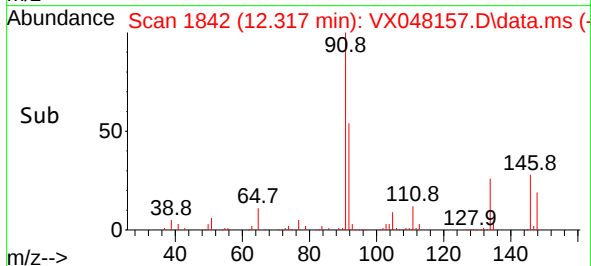
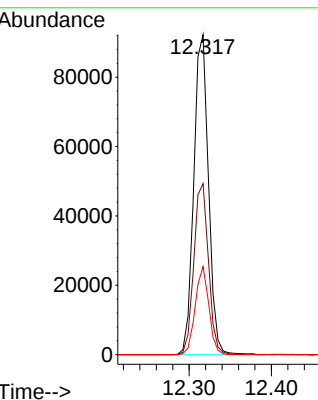
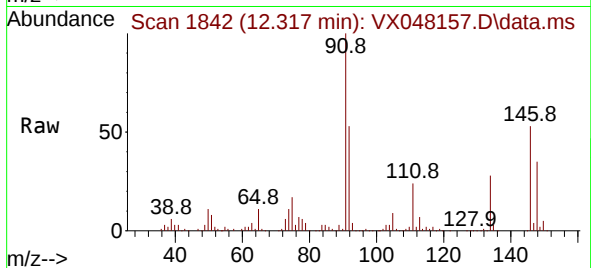
134 25.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#90

Hexachloroethane

Concen: 20.427 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048157.D

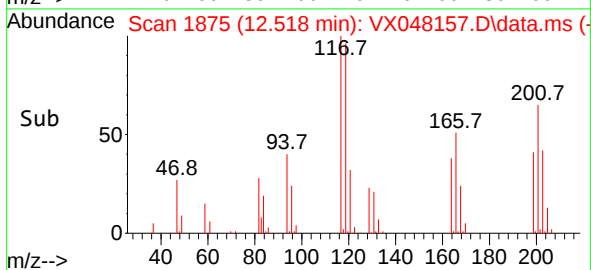
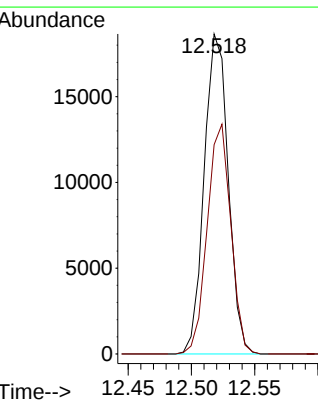
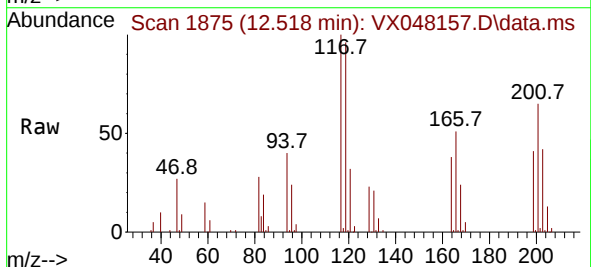
Acq: 14 Oct 2025 11:47

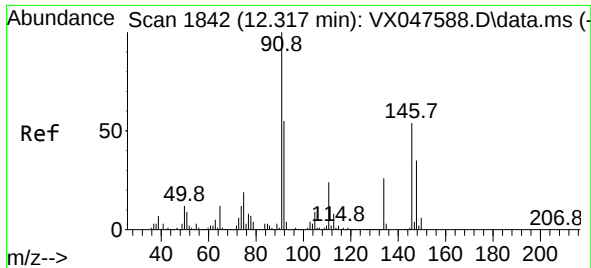
Tgt Ion:117 Resp: 24591

Ion Ratio Lower Upper

117 100

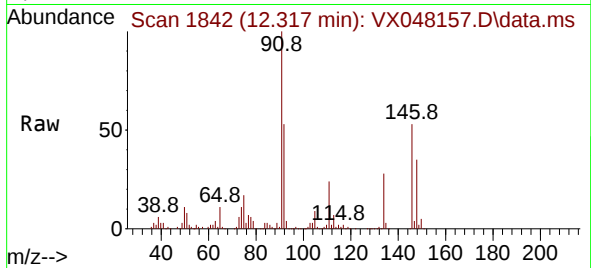
201 70.5 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 18.042 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

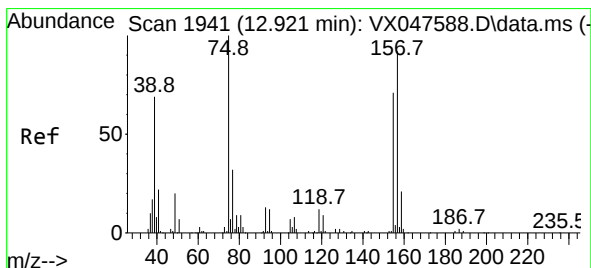
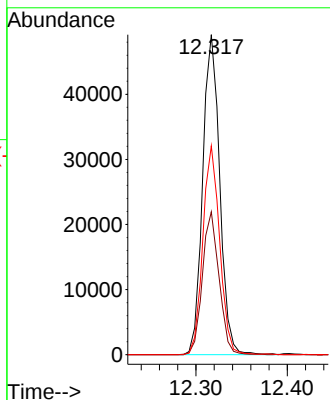
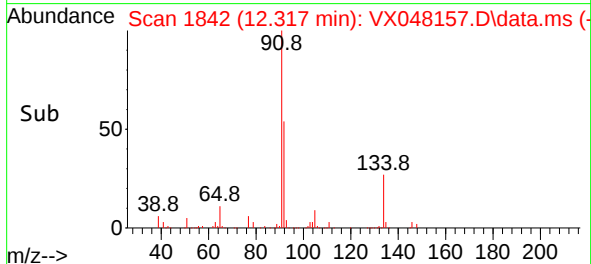
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion:146 Resp: 63752
Ion Ratio Lower Upper
146 100
111 43.7 22.2 66.6
148 64.5 31.8 95.4

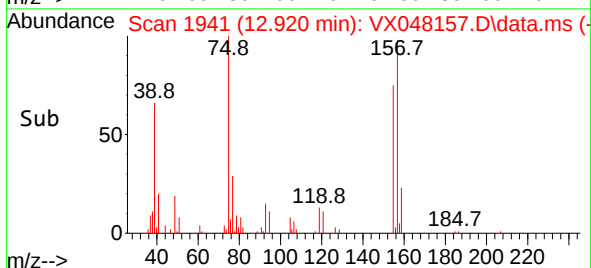
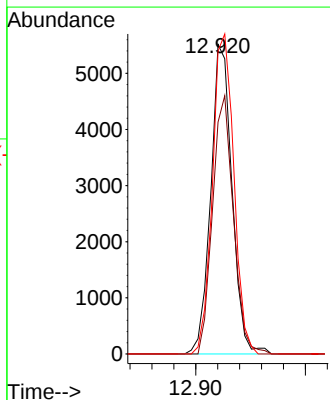
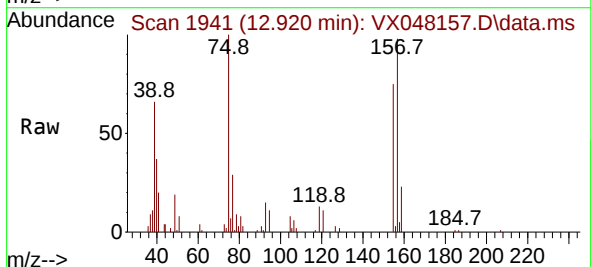
Manual Integrations
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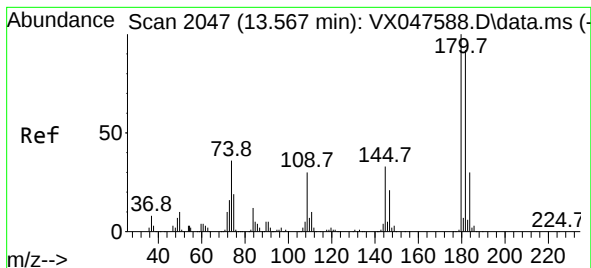
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.967 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion: 75 Resp: 7433
Ion Ratio Lower Upper
75 100
155 81.8 37.7 113.1
157 103.8 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 16.834 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBSD01

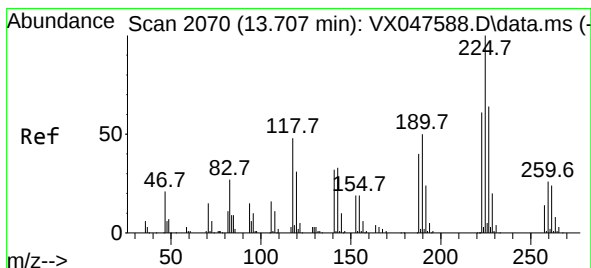
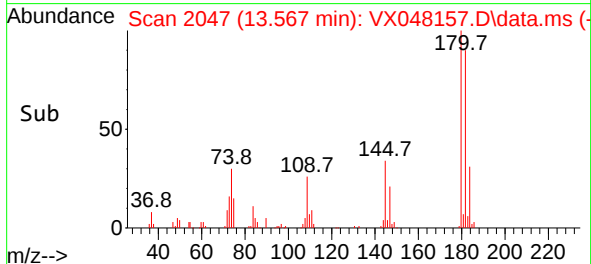
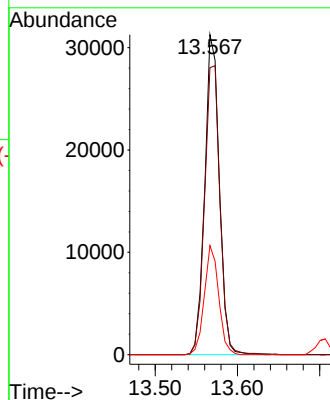
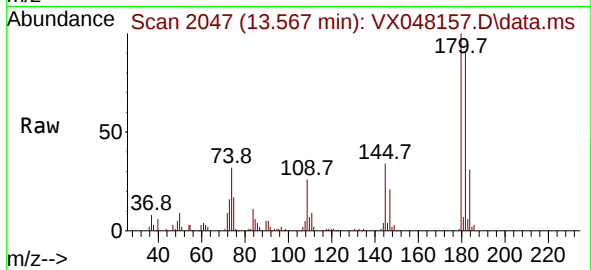
Tgt Ion:180	Resp:	3865
Ion Ratio	Lower	Upper
180	100	
182	94.9	46.6 139.8
145	33.5	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#94

Hexachlorobutadiene

Concen: 20.254 ug/l

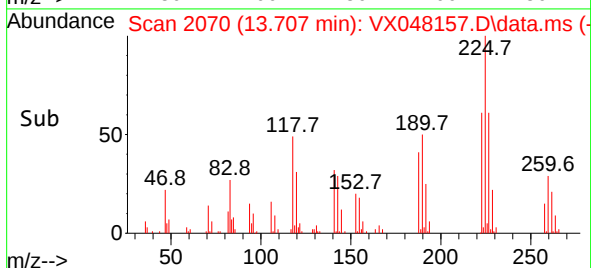
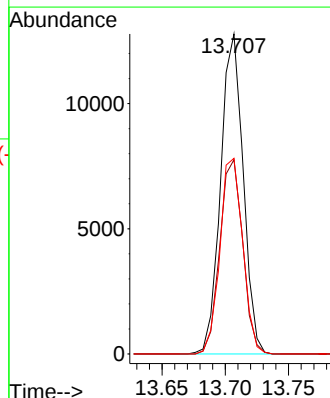
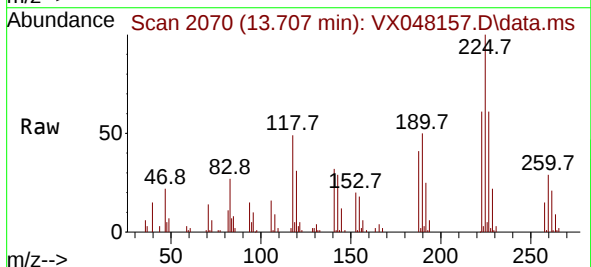
RT: 13.707 min Scan# 2070

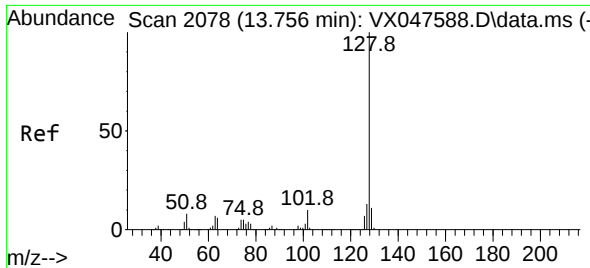
Delta R.T. -0.000 min

Lab File: VX048157.D

Acq: 14 Oct 2025 11:47

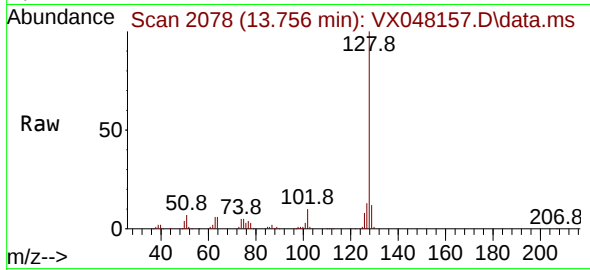
Tgt Ion:225	Resp:	15799
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.7 95.1
227	61.9	32.0 96.0





#95
Naphthalene
Concen: 14.698 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

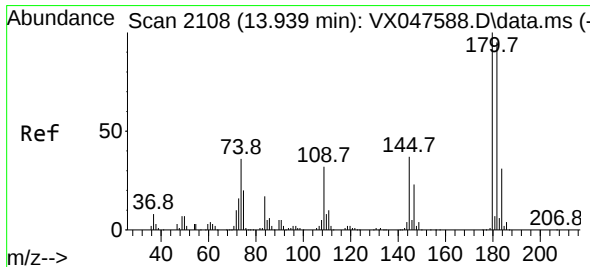
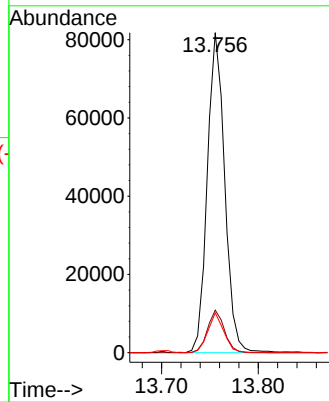
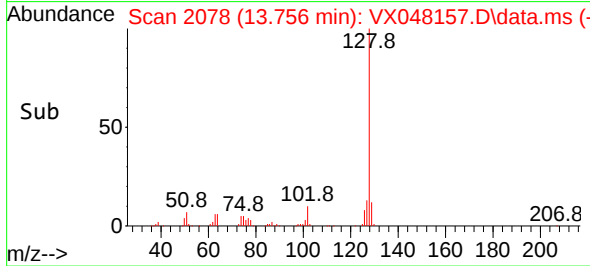
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBSD01



Tgt Ion:128 Resp: 102780
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.032 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048157.D
Acq: 14 Oct 2025 11:47

Tgt Ion:180 Resp: 36384
Ion Ratio Lower Upper
180 100
182 96.9 47.6 142.8
145 35.5 17.9 53.7

