

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047822.D
 Acq On : 25 Sep 2025 18:48
 Operator : JC/MD
 Sample : Q3165-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-320-322MSD

Quant Time: Sep 26 01:34:41 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	107908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	210706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	179962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	77374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106191	61.824	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 123.640%#			
35) Dibromofluoromethane	5.379	113	79933	56.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.140%			
50) Toluene-d8	8.634	98	243759	49.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.067	95	85282	45.957	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	60113	53.797	ug/l	99
3) Chloromethane	1.300	50	100173	68.211	ug/l	100
4) Vinyl Chloride	1.380	62	91748	63.821	ug/l	100
5) Bromomethane	1.611	94	59235	64.980	ug/l	93
6) Chloroethane	1.697	64	63559	66.151	ug/l	100
7) Trichlorofluoromethane	1.898	101	112813	52.852	ug/l	99
8) Diethyl Ether	2.136	74	59102	67.688	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	52017	41.677	ug/l	99
10) Methyl Iodide	2.459	142	107715	55.337	ug/l	99
11) Tert butyl alcohol	2.946	59	63338	331.097	ug/l	100
12) 1,1-Dichloroethene	2.325	96	79236	61.804	ug/l	98
13) Acrolein	2.239	56	40831	231.621	ug/l	98
14) Allyl chloride	2.666	41	103872	39.263	ug/l	92
15) Acrylonitrile	3.062	53	251532	354.981	ug/l	100
16) Acetone	2.373	43	227178	304.191	ug/l	98
17) Carbon Disulfide	2.520	76	155316	44.253	ug/l	99
18) Methyl Acetate	2.703	43	93258	56.110	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	318759	68.110	ug/l	99
20) Methylene Chloride	2.788	84	105913	66.998	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	79701	57.742	ug/l	97
22) Diisopropyl ether	3.757	45	345679	67.421	ug/l	90
23) Vinyl Acetate	3.715	43	997105	242.988	ug/l	99
24) 1,1-Dichloroethane	3.611	63	177714	65.213	ug/l	98
25) 2-Butanone	4.544	43	331790	356.161	ug/l	98
26) 2,2-Dichloropropane	4.465	77	45532	20.100	ug/l	86
27) cis-1,2-Dichloroethene	4.483	96	107566	63.633	ug/l	91
28) Bromochloromethane	4.891	49	79267	66.627	ug/l	99
29) Tetrahydrofuran	4.989	42	209392	373.639	ug/l	100
30) Chloroform	5.080	83	190851	69.304	ug/l	98
31) Cyclohexane	5.464	56	85029	37.463	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	137022	58.661	ug/l	100
36) 1,1-Dichloropropene	5.684	75	93202	45.137	ug/l	98
37) Ethyl Acetate	4.702	43	109929	49.721	ug/l	98
38) Carbon Tetrachloride	5.666	117	79969	35.644	ug/l	99
39) Methylcyclohexane	7.366	83	63696	27.175	ug/l	98
40) Benzene	6.025	78	364974	58.195	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	71928	63.018	ug/l	98
42) 1,2-Dichloroethane	6.074	62	142572	59.747	ug/l	98
43) Isopropyl Acetate	6.324	43	196479	54.186	ug/l	100
44) Trichloroethene	7.110	130	85262	56.233	ug/l	96
45) 1,2-Dichloropropane	7.415	63	98109	61.092	ug/l	100
46) Dibromomethane	7.568	93	73769	63.124	ug/l	98
47) Bromodichloromethane	7.805	83	108137	44.842	ug/l	100
48) Methyl methacrylate	7.677	41	113105	62.622	ug/l	97
49) 1,4-Dioxane	7.641	88	29459	1613.910	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	698942	347.659	ug/l	99
52) Toluene	8.702	92	205447	53.171	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	103660	42.142	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	111553	42.430	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	96413	64.711	ug/l	98
56) Ethyl methacrylate	9.104	69	146418	62.576	ug/l	96
57) 1,3-Dichloropropane	9.293	76	164190	64.152	ug/l	99
59) 2-Hexanone	9.415	43	483745	335.028	ug/l	99
60) Dibromochloromethane	9.506	129	75519	43.991	ug/l	98
61) 1,2-Dibromoethane	9.592	107	96234	63.414	ug/l	100
64) Tetrachloroethene	9.262	164	58270	49.669	ug/l	92
65) Chlorobenzene	10.061	112	220566	53.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	77077	54.634	ug/l	99
67) Ethyl Benzene	10.177	91	345906	49.035	ug/l	100
68) m/p-Xylenes	10.287	106	255885	97.456	ug/l	99
69) o-Xylene	10.628	106	131180	51.654	ug/l	99
70) Styrene	10.640	104	188173	42.287	ug/l	98
71) Bromoform	10.780	173	45452	43.147	ug/l #	98
73) Isopropylbenzene	10.945	105	295176	50.179	ug/l	99
74) N-amyl acetate	10.829	43	140353	52.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	136370	76.623	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	102906m	65.688	ug/l	
77) Bromobenzene	11.183	156	84966	58.645	ug/l	98
78) n-propylbenzene	11.286	91	328331	47.216	ug/l	100
79) 2-Chlorotoluene	11.347	91	222063	52.139	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	237879	49.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	20418	33.237	ug/l	99
82) 4-Chlorotoluene	11.439	91	257279	51.147	ug/l	99
83) tert-Butylbenzene	11.695	119	241036	48.720	ug/l	96
84) 1,2,4-Trimethylbenzene	11.732	105	249135	50.846	ug/l	100
85) sec-Butylbenzene	11.872	105	255708	43.514	ug/l	99
86) p-Isopropyltoluene	11.994	119	215443	43.305	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	137631	51.144	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	140359	50.819	ug/l	99
89) n-Butylbenzene	12.317	91	175511	38.126	ug/l	99
90) Hexachloroethane	12.518	117	34292	39.259	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	143420	55.941	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	24748	68.682	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	71365	42.831	ug/l	100
94) Hexachlorobutadiene	13.707	225	17308	30.582	ug/l	99
95) Naphthalene	13.756	128	294138	57.972	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	74862	48.300	ug/l	98

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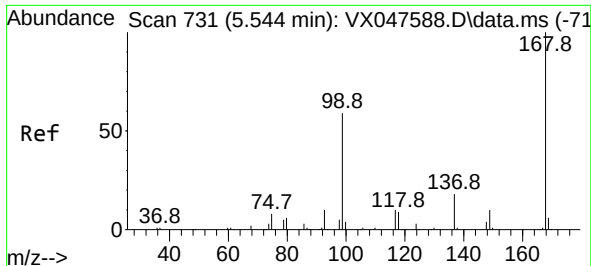
Manual Integrations
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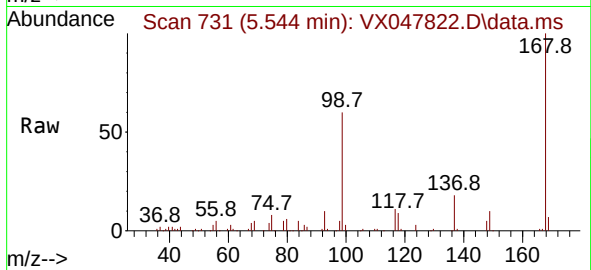
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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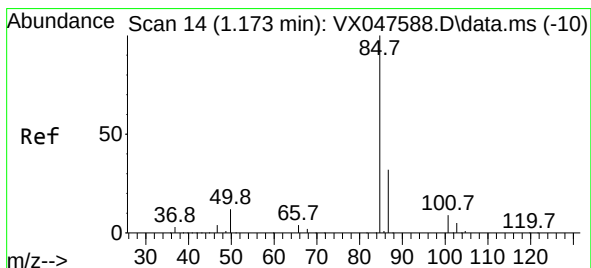
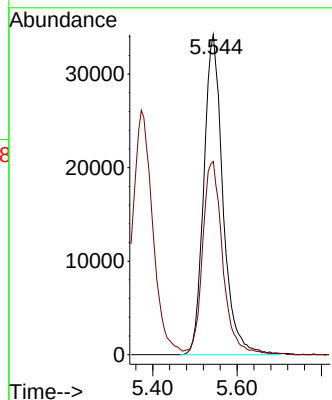
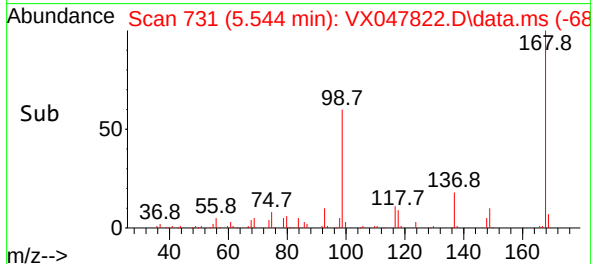
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion:168 Resp: 107908
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2

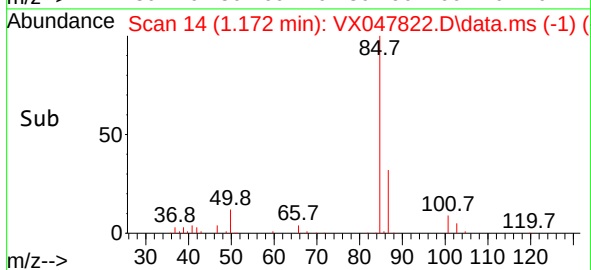
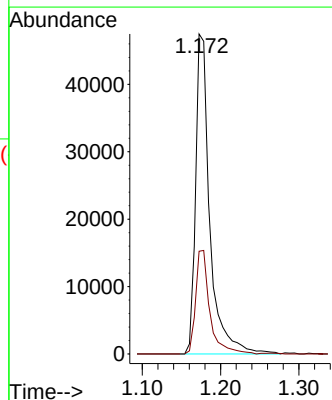
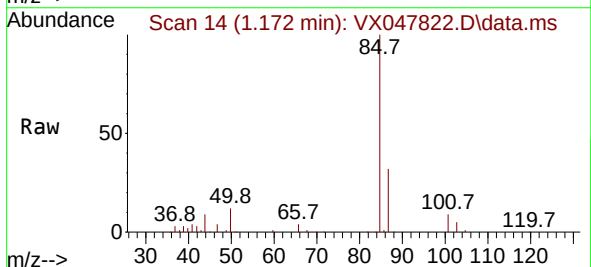
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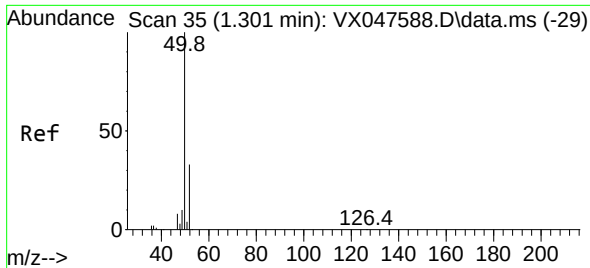
Reviewed By :John Carlone 09/26/2025
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#2
Dichlorodifluoromethane
Concen: 53.797 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Tgt Ion: 85 Resp: 60113
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.3





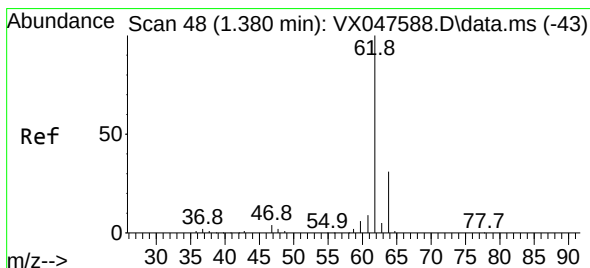
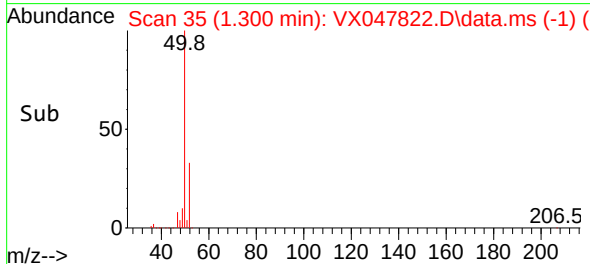
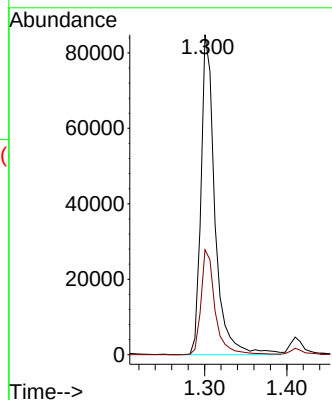
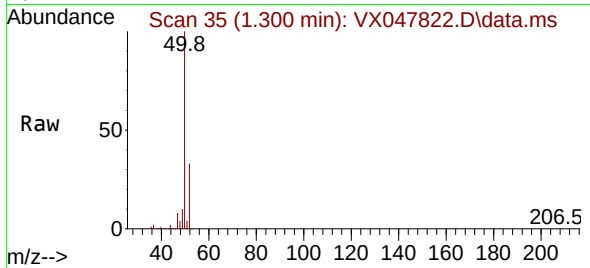
#3
Chloromethane
Concen: 68.211 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047822.D
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Tgt Ion: 50 Resp: 10017
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1

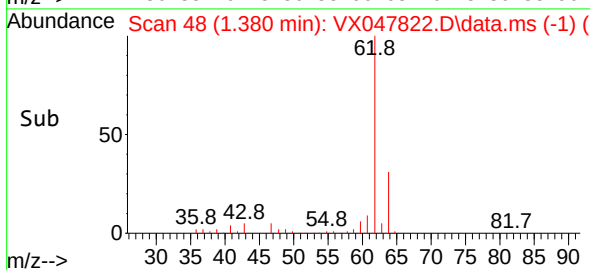
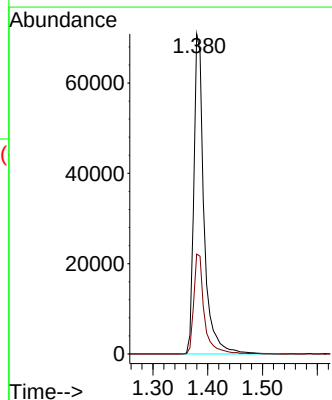
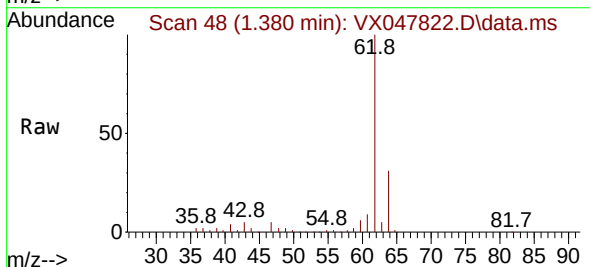
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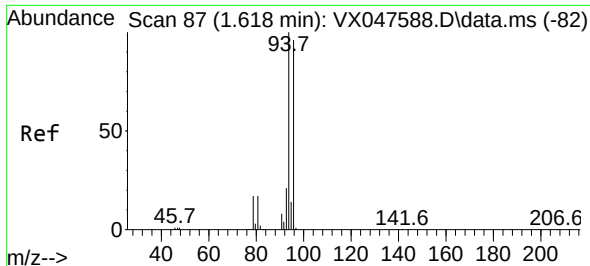
Reviewed By :John Carlone 09/26/2025
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#4
Vinyl Chloride
Concen: 63.821 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

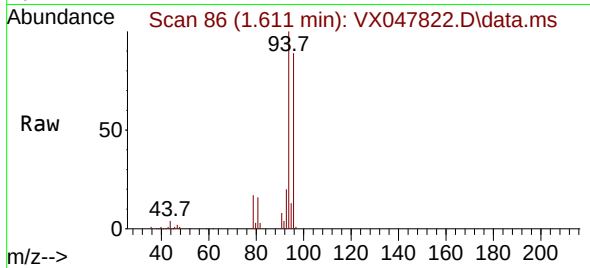
Tgt Ion: 62 Resp: 91748
Ion Ratio Lower Upper
62 100
64 31.2 24.9 37.3





#5
Bromomethane
Concen: 64.980 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
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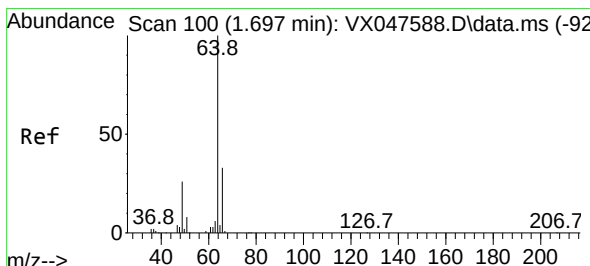
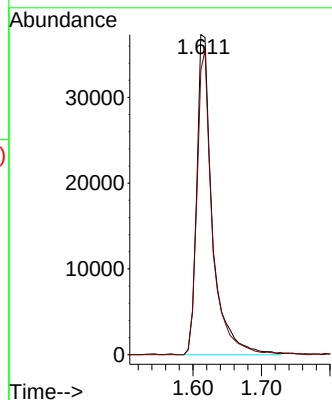
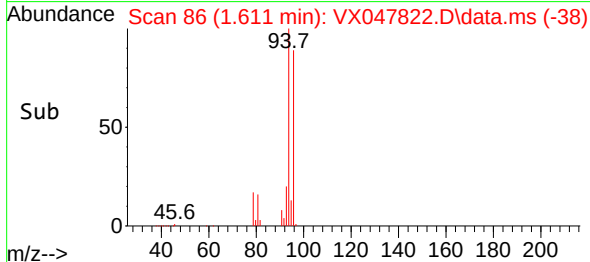
Instrument :
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Tgt Ion: 94 Resp: 5923
Ion Ratio Lower Upper
94 100
96 88.9 76.6 115.0

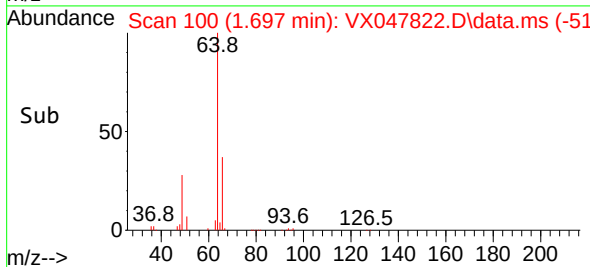
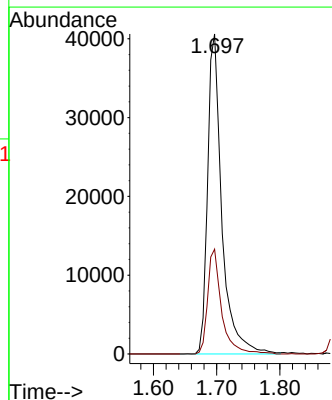
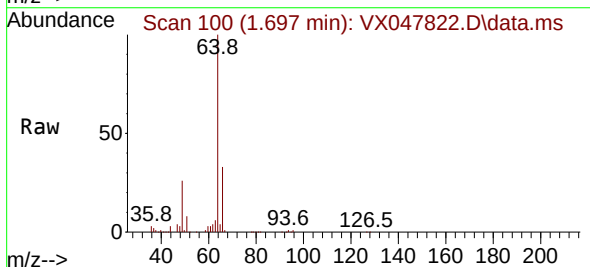
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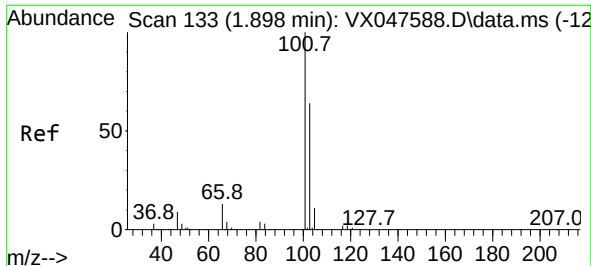
Reviewed By :John Carlone 09/26/2025
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#6
Chloroethane
Concen: 66.151 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
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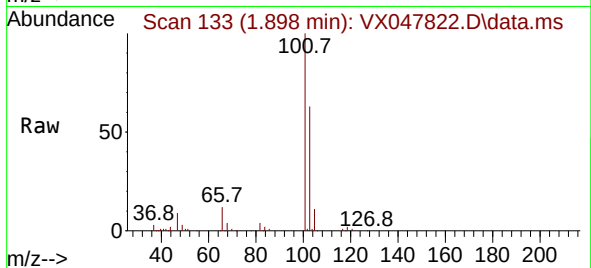
Tgt Ion: 64 Resp: 63559
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 52.852 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047822.D
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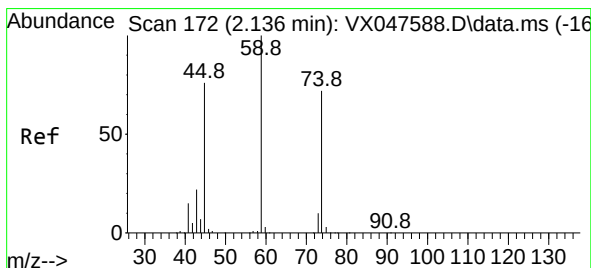
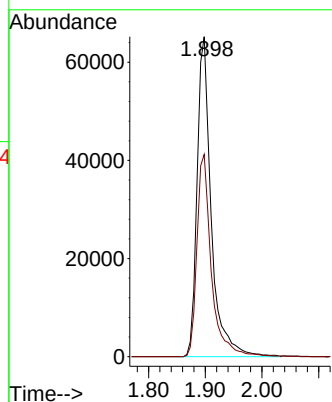
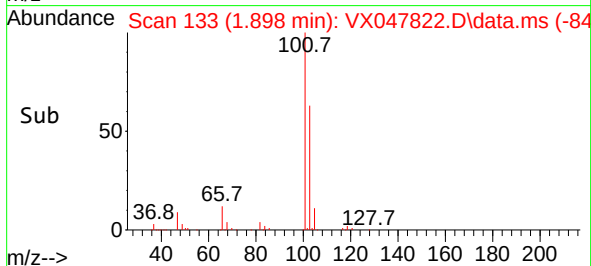
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 11281
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

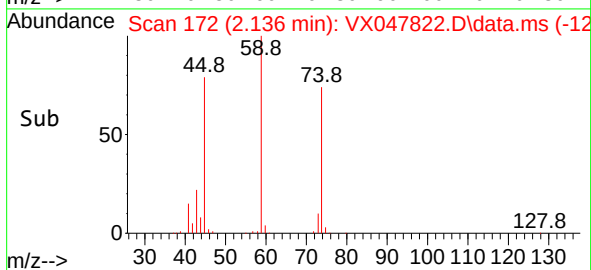
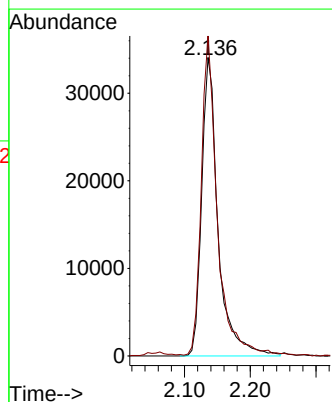
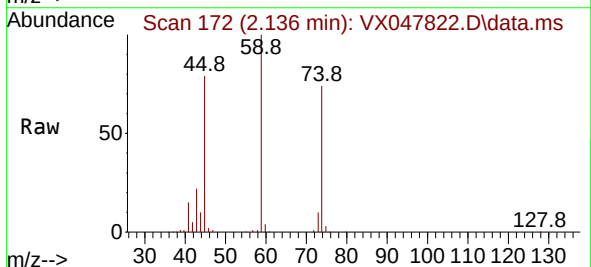
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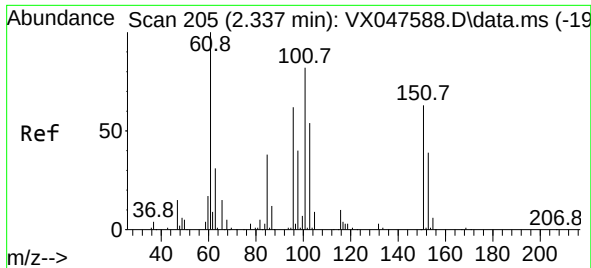
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#8
Diethyl Ether
Concen: 67.688 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 59102
Ion Ratio Lower Upper
74 100
45 104.1 52.3 156.8





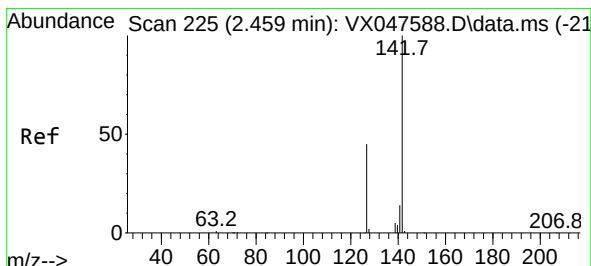
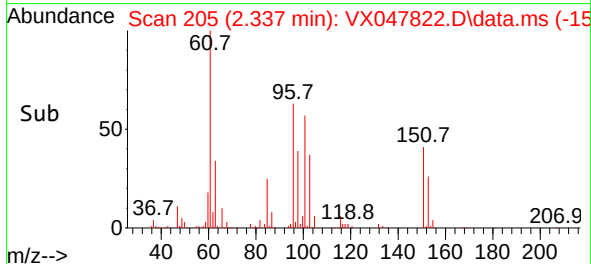
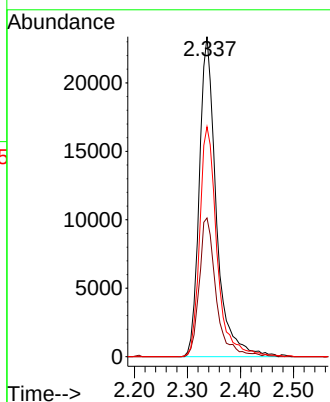
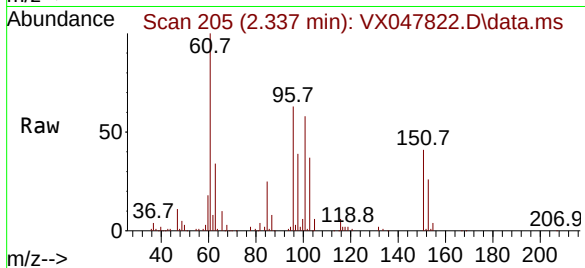
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.677 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.5	53.3
151	73.4	59.4	89.0

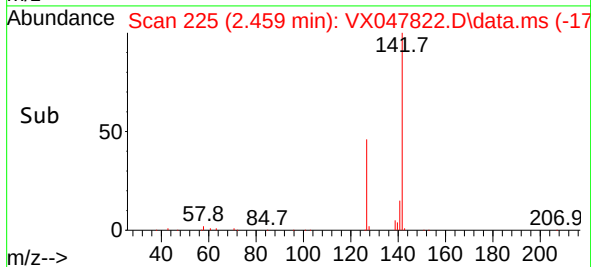
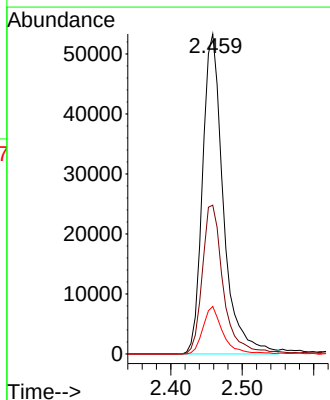
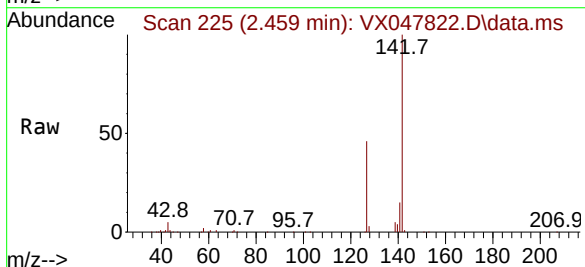
Manual Integrations
APPROVED

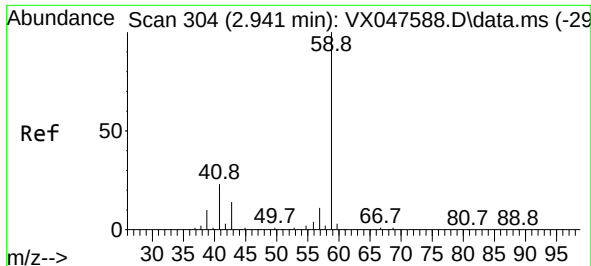
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#10
Methyl Iodide
Concen: 55.337 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

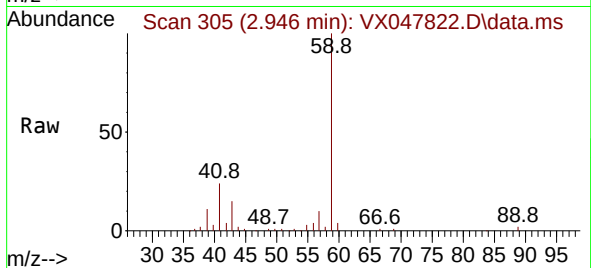
Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.1	11.4	17.0





#11
Tert butyl alcohol
Concen: 331.097 ug/l
RT: 2.946 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

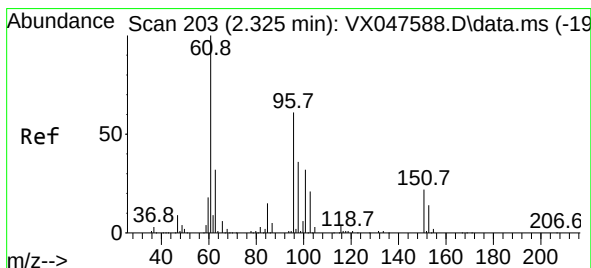
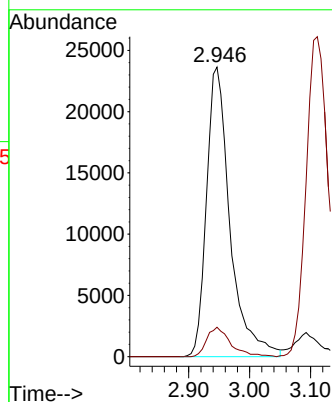
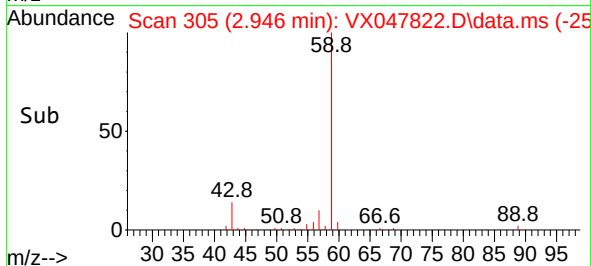
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



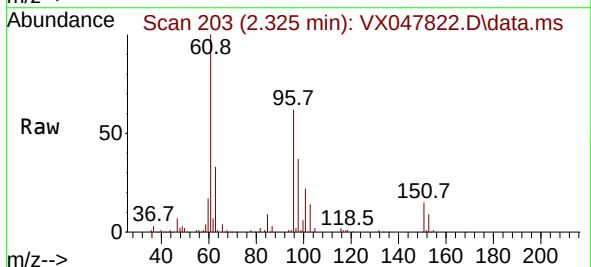
Tgt Ion: 59 Resp: 63338
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

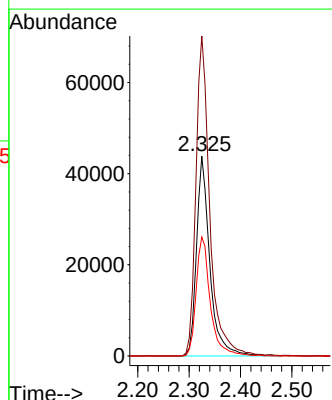
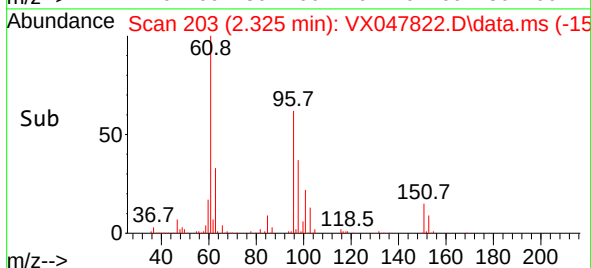
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

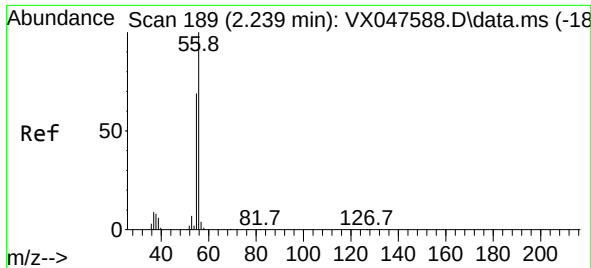


#12
1,1-Dichloroethene
Concen: 61.804 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



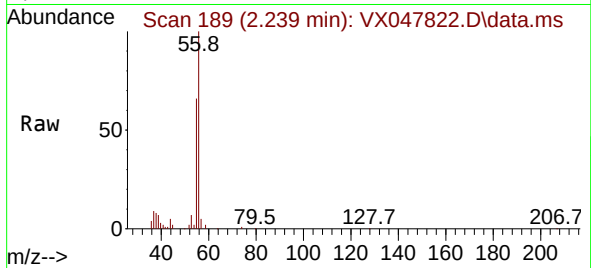
Tgt Ion: 96 Resp: 79236
Ion Ratio Lower Upper
96 100
61 160.3 131.0 196.6
98 59.5 47.7 71.5





#13
Acrolein
Concen: 231.621 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

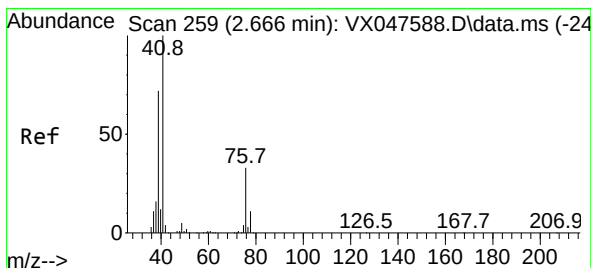
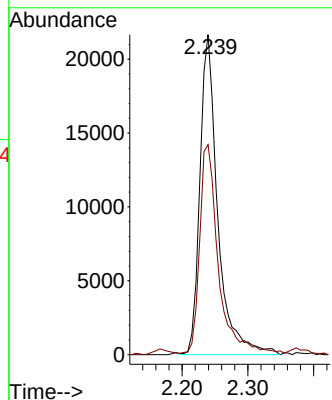
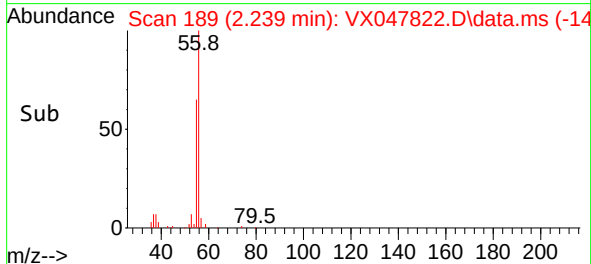
Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-GW-320-322MSD



Tgt Ion: 56 Resp: 4083
Ion Ratio Lower Upper
56 100
55 69.6 57.2 85.8

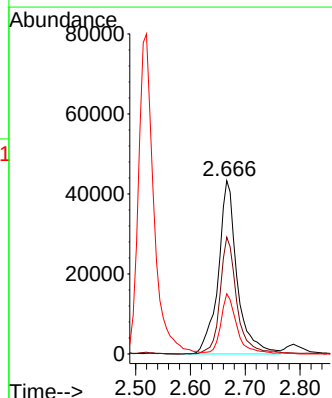
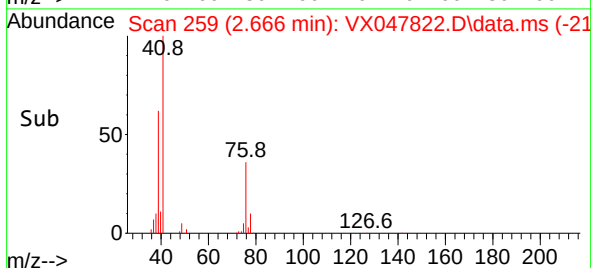
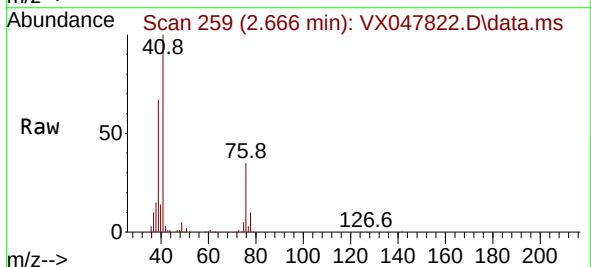
Manual Integrations
APPROVED

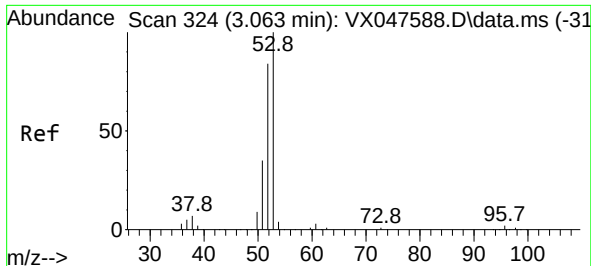
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#14
Allyl chloride
Concen: 39.263 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

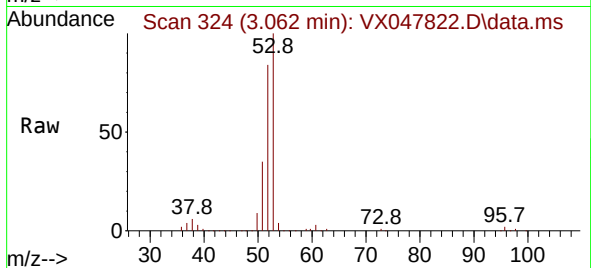
Tgt Ion: 41 Resp: 103872
Ion Ratio Lower Upper
41 100
39 60.7 54.7 82.1
76 29.9 25.7 38.5





#15
Acrylonitrile
Concen: 354.981 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

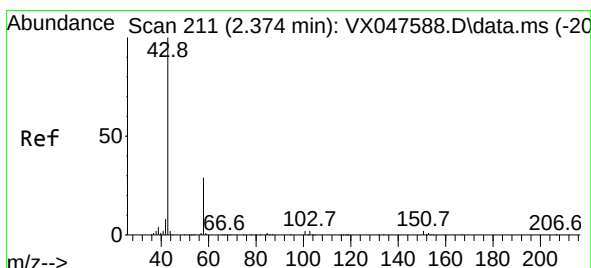
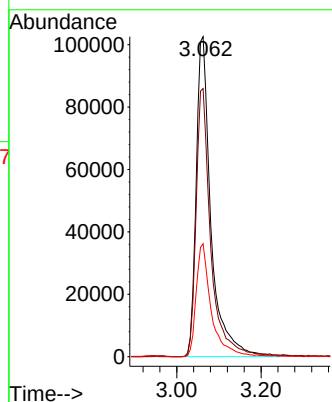
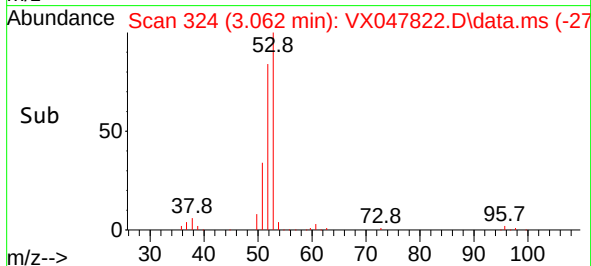
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



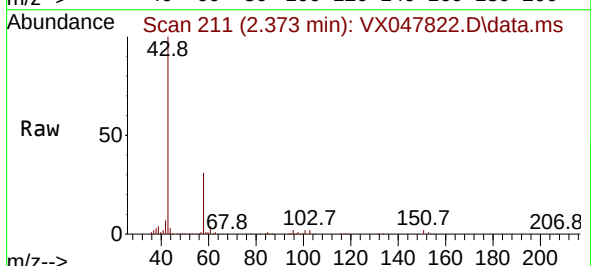
Tgt Ion: 53 Resp: 25153
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 36.3 29.5 44.3

Manual Integrations
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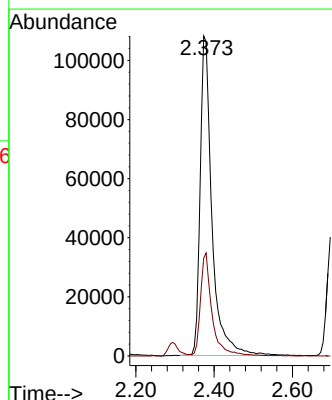
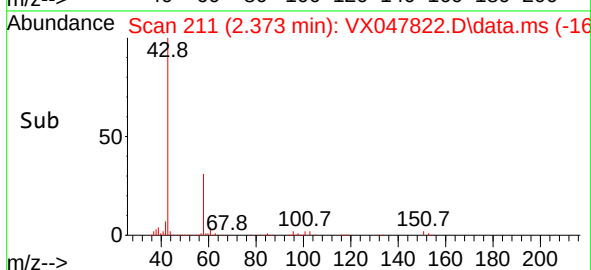
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

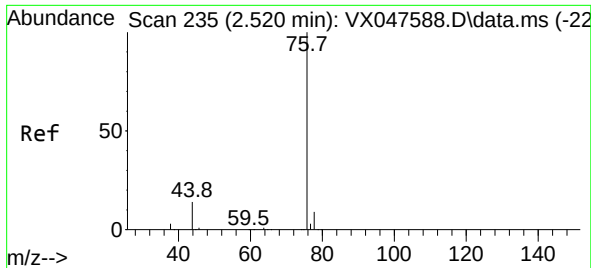


#16
Acetone
Concen: 304.191 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



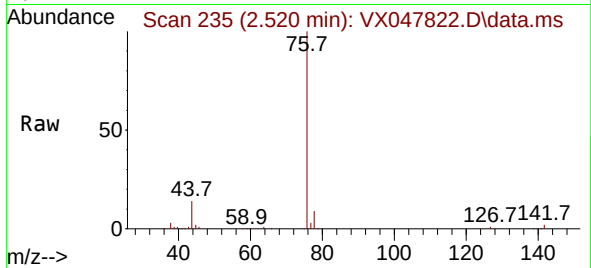
Tgt Ion: 43 Resp: 227178
Ion Ratio Lower Upper
43 100
58 30.5 23.4 35.0





#17
Carbon Disulfide
Concen: 44.253 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

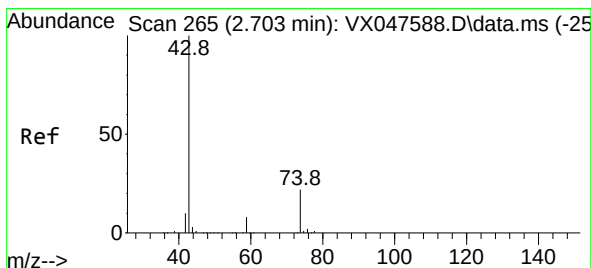
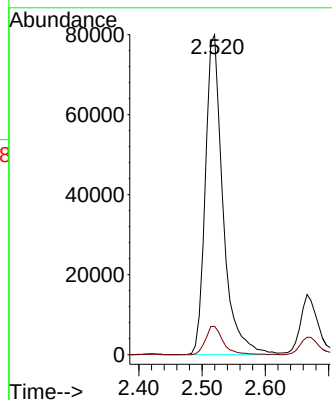
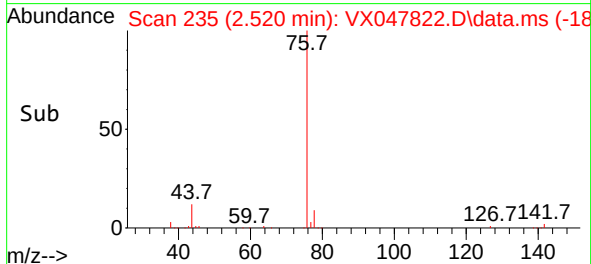
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion: 76 Resp: 155310
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

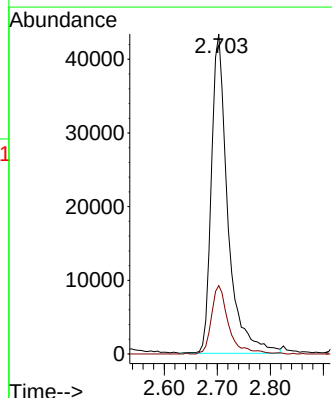
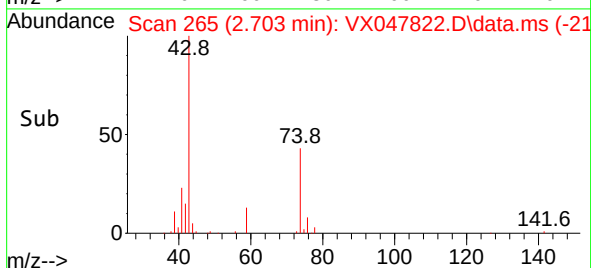
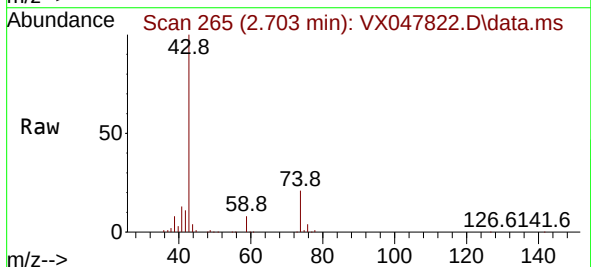
Manual Integrations
APPROVED

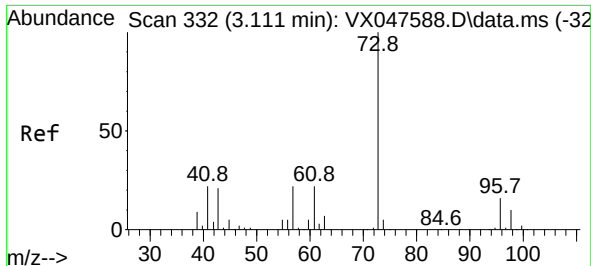
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#18
Methyl Acetate
Concen: 56.110 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

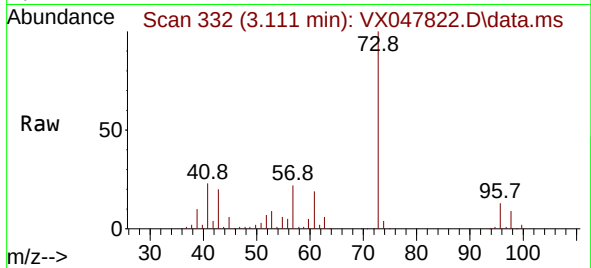
Tgt Ion: 43 Resp: 93258
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 68.110 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

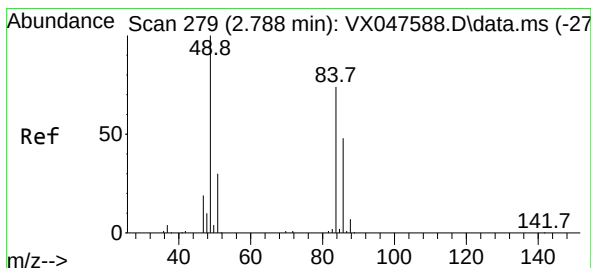
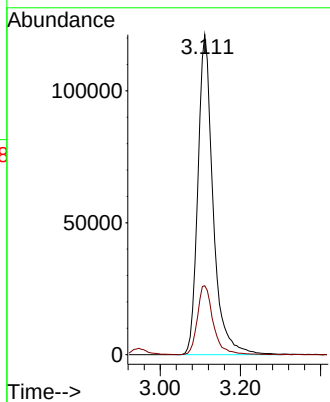
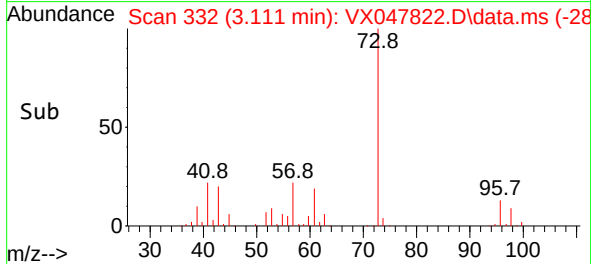
Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-GW-320-322MSD



Tgt Ion: 73 Resp: 31875
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.2

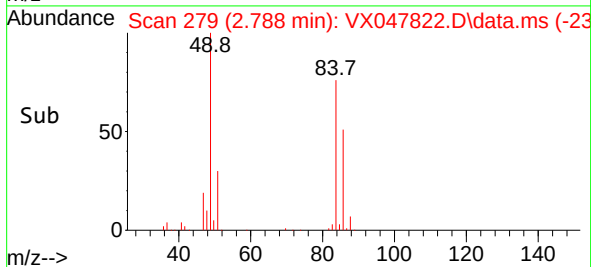
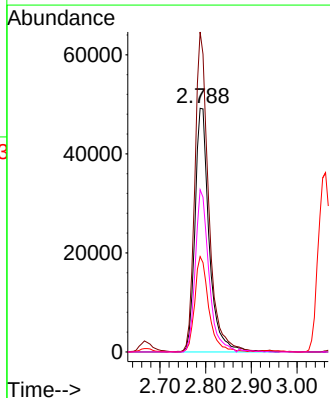
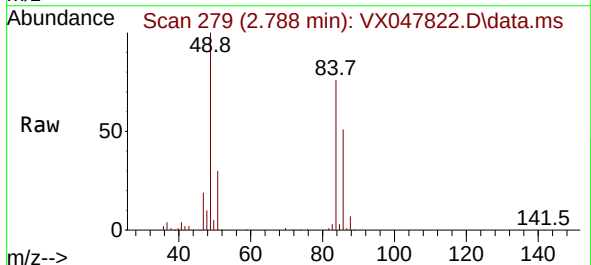
Manual Integrations
APPROVED

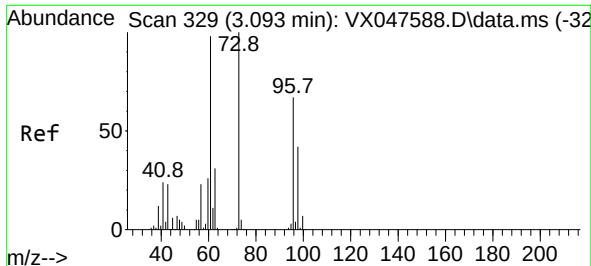
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#20
Methylene Chloride
Concen: 66.998 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

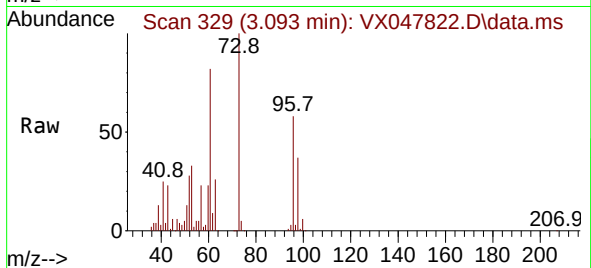
Tgt Ion: 84 Resp: 105913
Ion Ratio Lower Upper
84 100
49 131.0 108.6 162.8
51 39.1 32.6 48.8
86 66.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 57.742 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

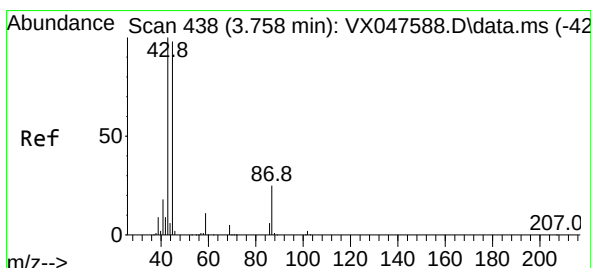
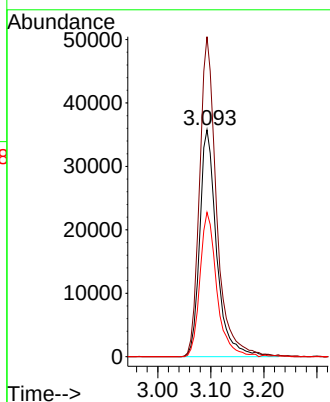
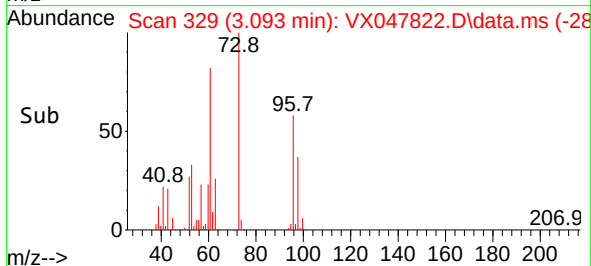
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



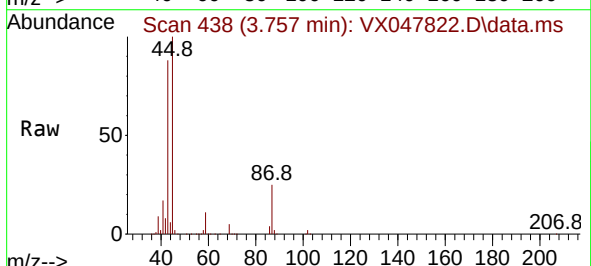
Tgt Ion: 96 Resp: 7970
Ion Ratio Lower Upper
96 100
61 141.0 116.2 174.2
98 63.6 49.3 73.9

Manual Integrations
APPROVED

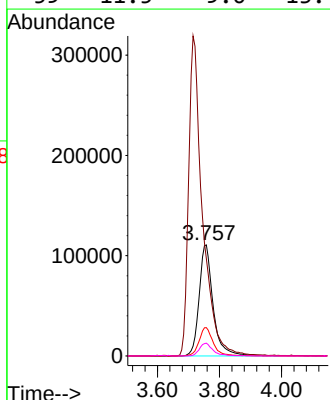
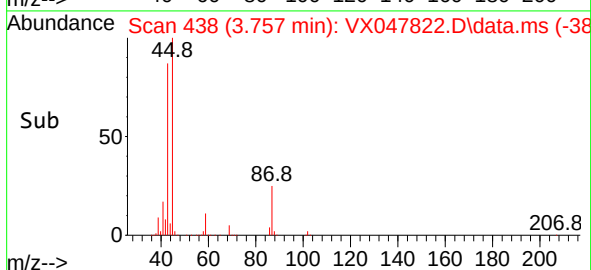
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

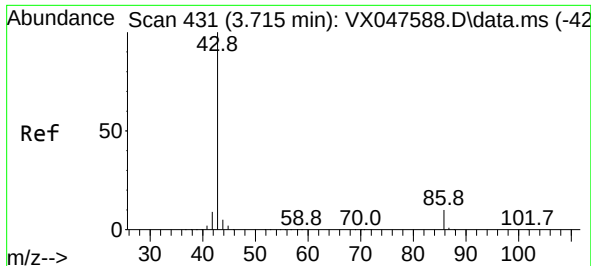


#22
Diisopropyl ether
Concen: 67.421 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



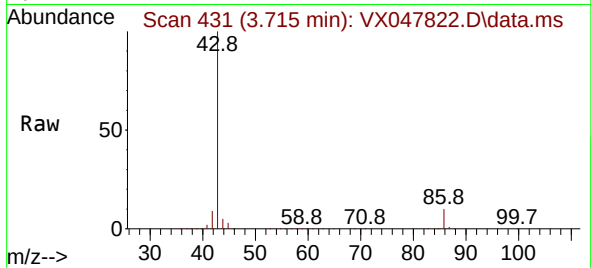
Tgt Ion: 45 Resp: 345679
Ion Ratio Lower Upper
45 100
43 87.0 81.0 121.4
87 25.5 20.3 30.5
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 242.988 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047822.D
 Acq: 25 Sep 2025 18:48

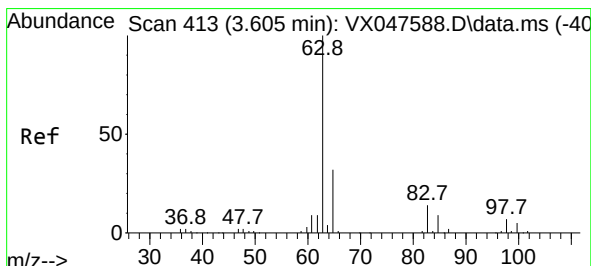
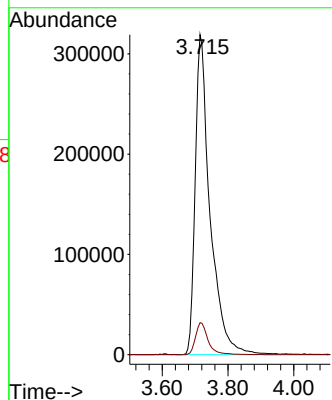
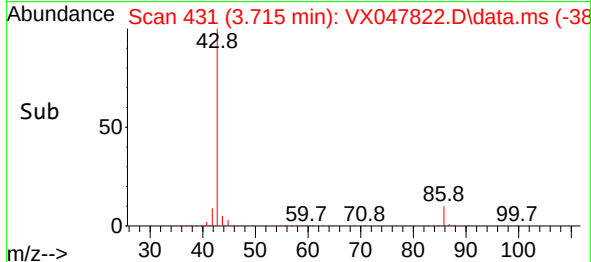
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-320-322MSD



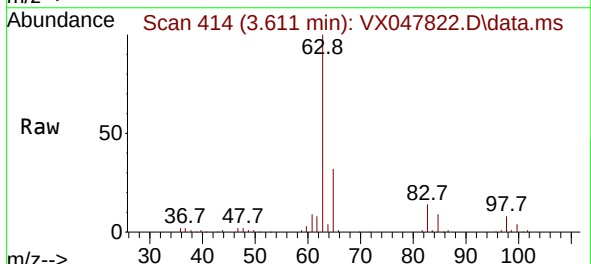
Tgt Ion: 43 Resp: 99710
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

Manual Integrations
 APPROVED

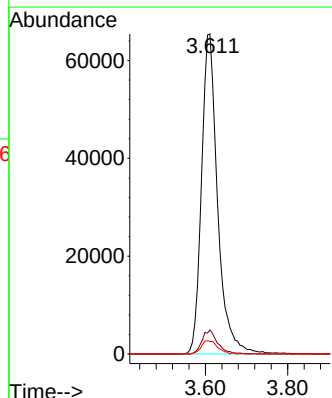
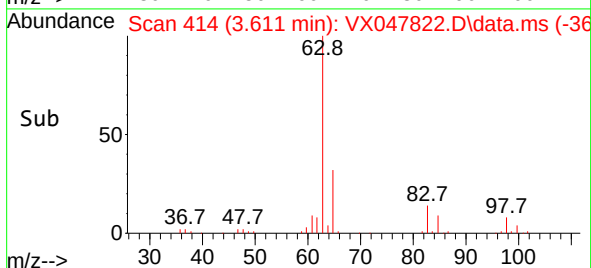
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

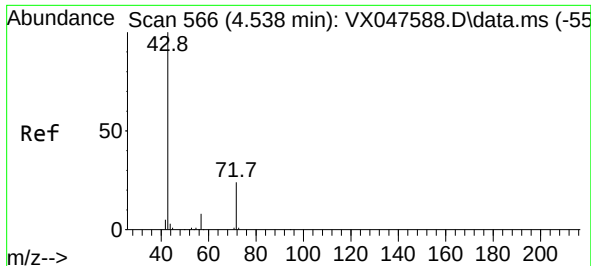


#24
 1,1-Dichloroethane
 Concen: 65.213 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX047822.D
 Acq: 25 Sep 2025 18:48



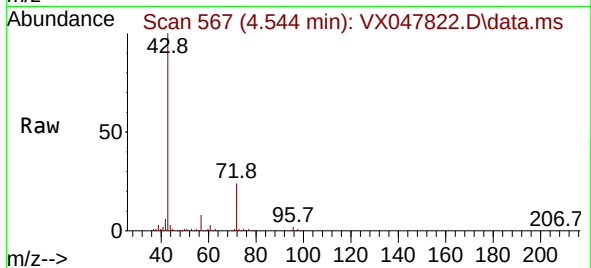
Tgt Ion: 63 Resp: 177714
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 3.9 2.3 6.9





#25
2-Butanone
Concen: 356.161 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

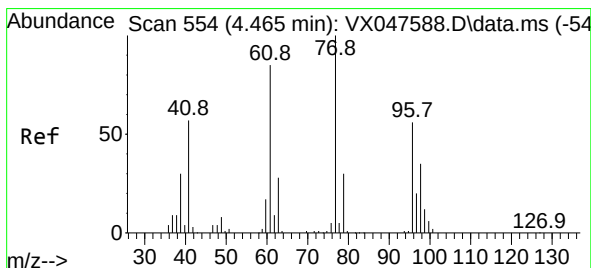
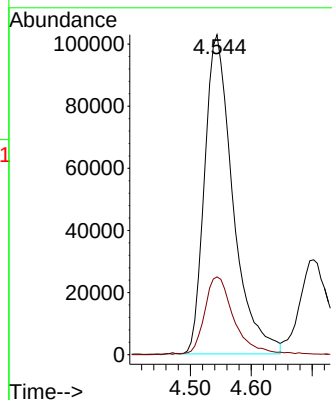
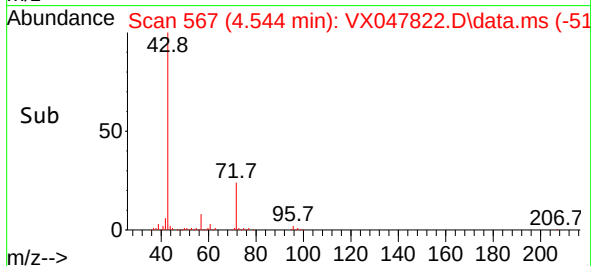
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion: 43 Resp: 331790
Ion Ratio Lower Upper
43 100
72 23.9 20.1 30.1

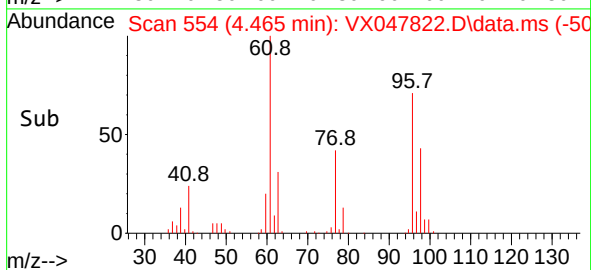
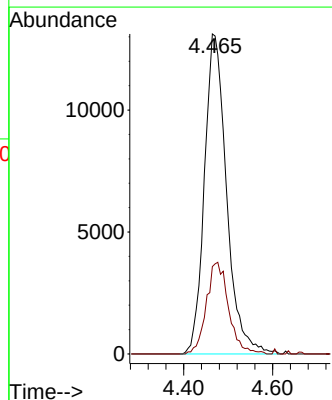
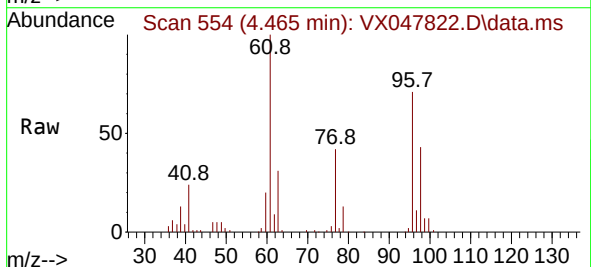
Manual Integrations
APPROVED

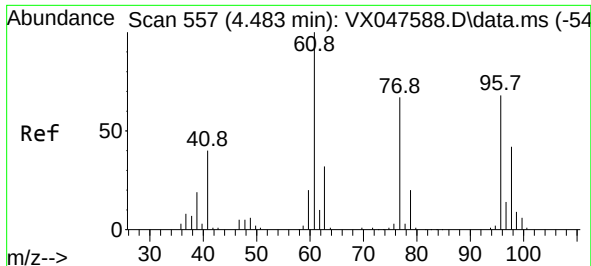
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#26
2,2-Dichloropropane
Concen: 20.100 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Tgt Ion: 77 Resp: 45532
Ion Ratio Lower Upper
77 100
97 28.6 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 63.633 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX047822.D

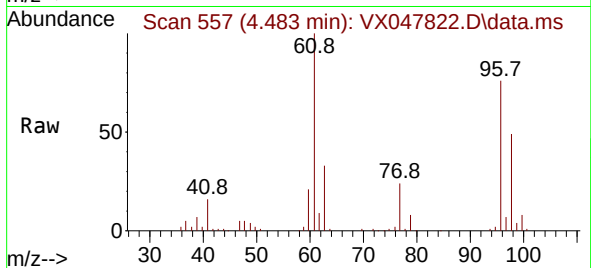
Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD



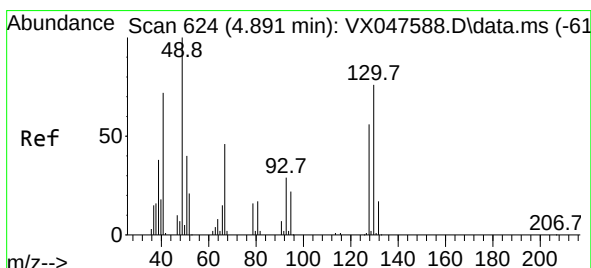
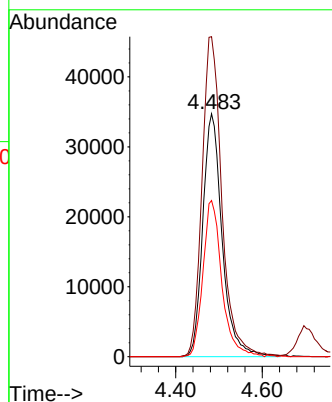
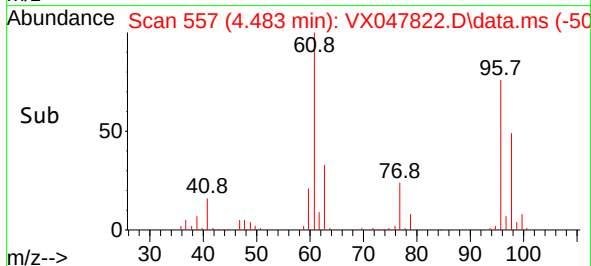
Tgt Ion:	96	Resp:	107560
Ion Ratio	100	Lower	Upper
96	100		
61	135.6	0.0	303.2
98	62.9	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#28

Bromochloromethane

Concen: 66.627 ug/l

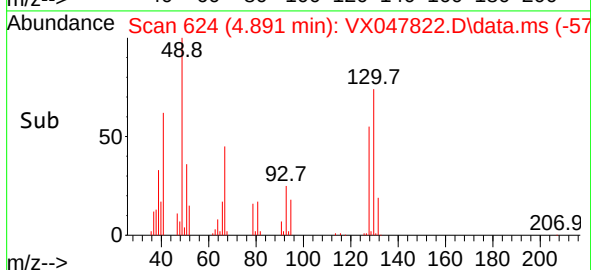
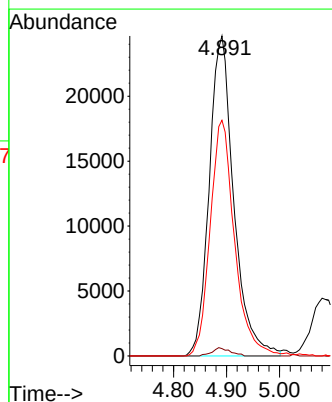
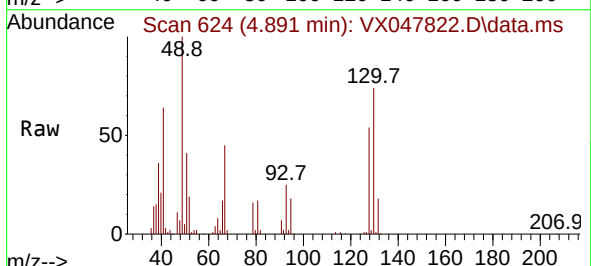
RT: 4.891 min Scan# 624

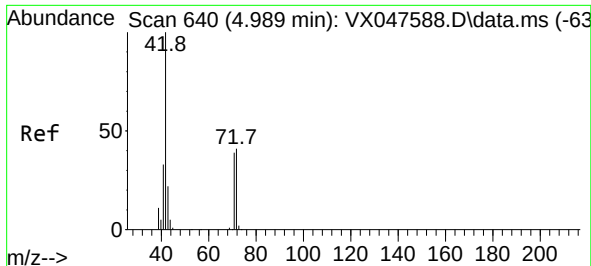
Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Tgt Ion:	49	Resp:	79267
Ion Ratio	100	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	73.3	57.8	86.8





#29

Tetrahydrofuran

Concen: 373.639 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX047822.D

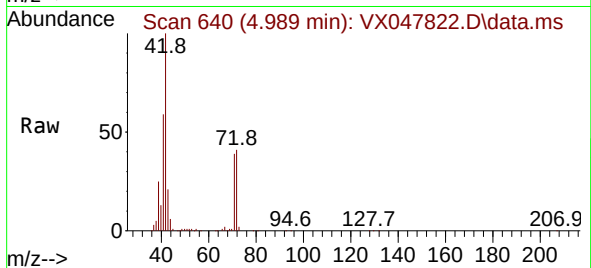
Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD



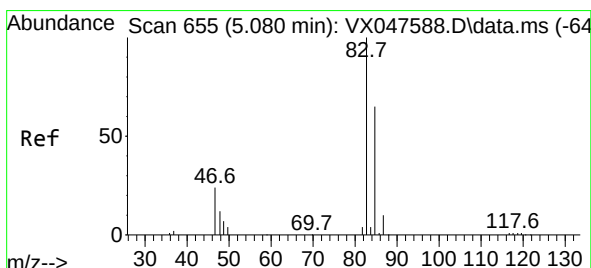
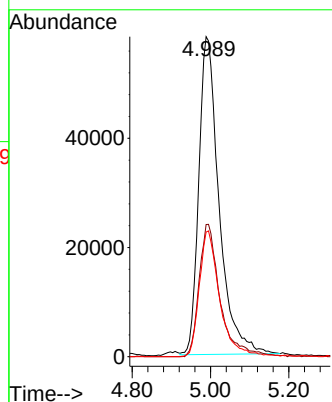
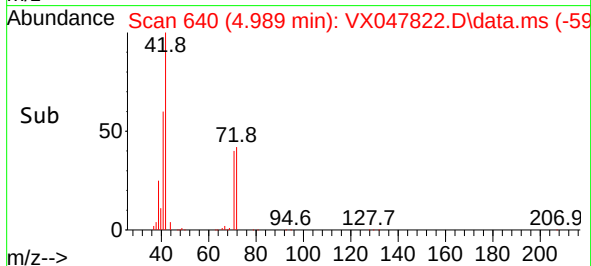
Tgt Ion:	42	Resp:	209392
Ion Ratio	Lower	Upper	
42	100		
72	43.1	34.2	51.2
71	39.9	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#30

Chloroform

Concen: 69.304 ug/l

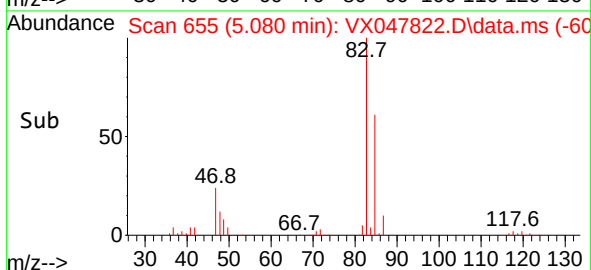
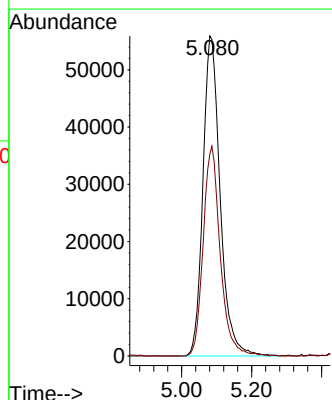
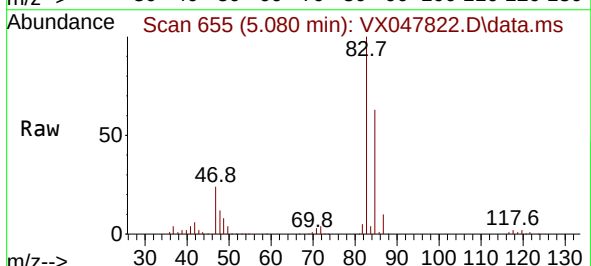
RT: 5.080 min Scan# 655

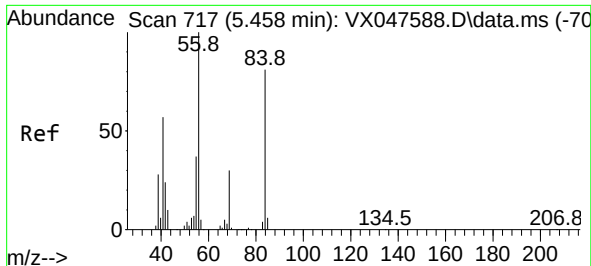
Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

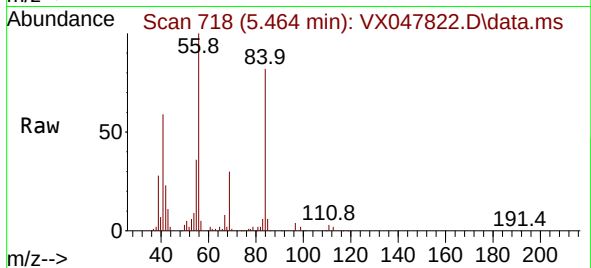
Tgt Ion:	83	Resp:	190851
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.8	77.6





#31
Cyclohexane
Concen: 37.463 ug/l
RT: 5.464 min Scan# 717
Delta R.T. 0.006 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

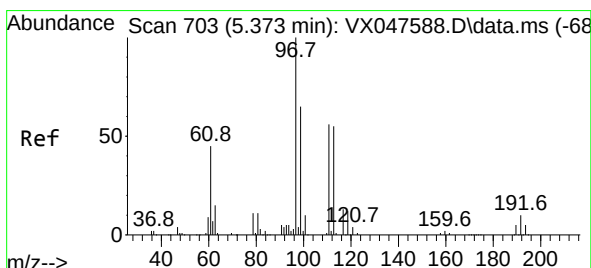
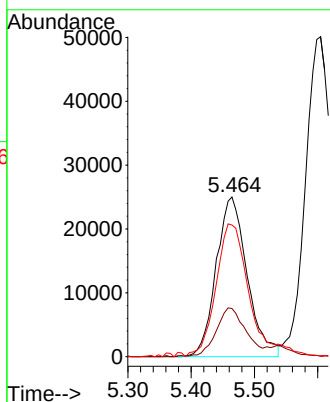
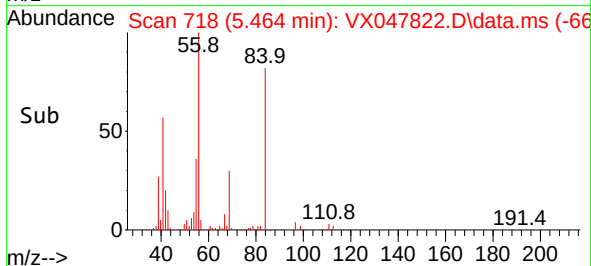
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion: 56 Resp: 85029
Ion Ratio Lower Upper
56 100
69 29.5 23.8 35.8
84 79.7 64.6 97.0

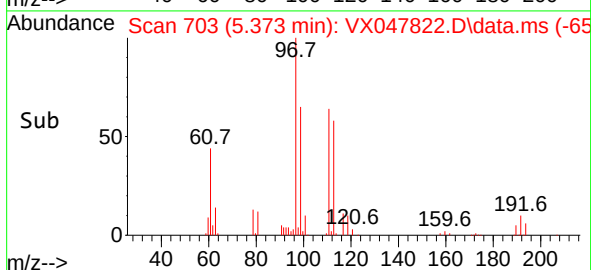
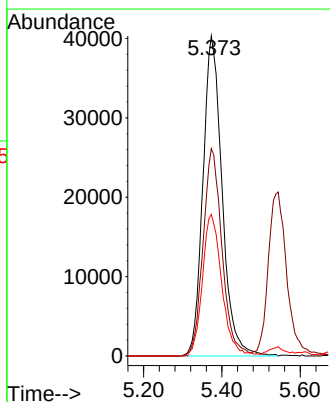
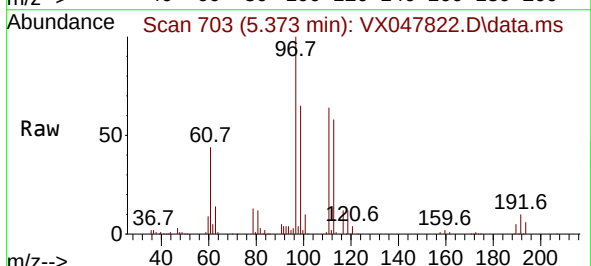
Manual Integrations
APPROVED

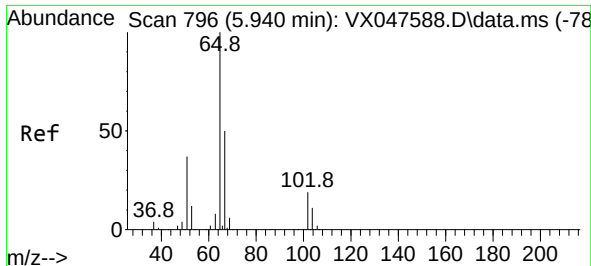
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#32
1,1,1-Trichloroethane
Concen: 58.661 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Tgt Ion: 97 Resp: 137022
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 44.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 61.824 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD

Tgt Ion: 65 Resp: 10619

Ion Ratio Lower Upper

65 100

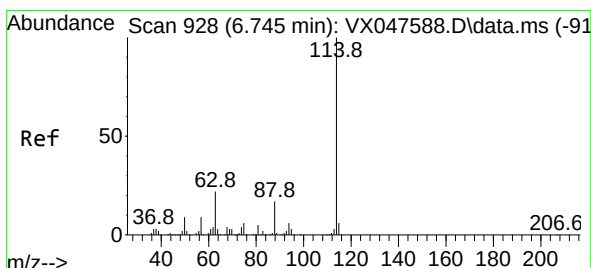
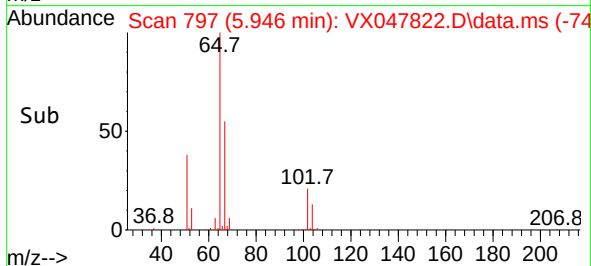
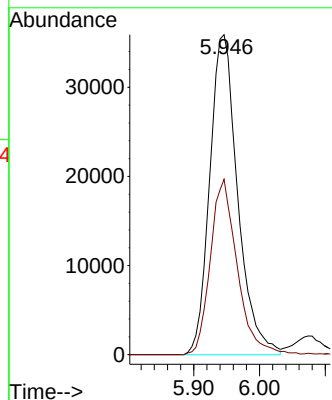
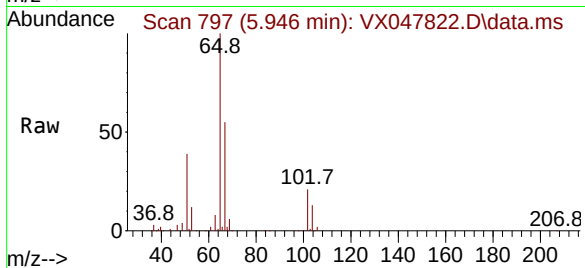
67 52.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

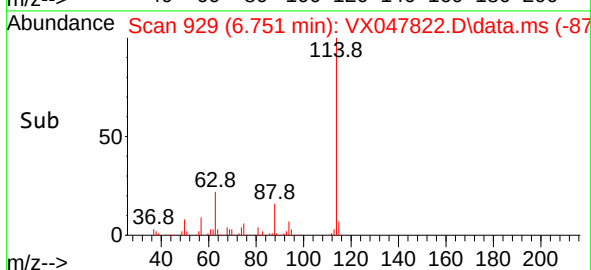
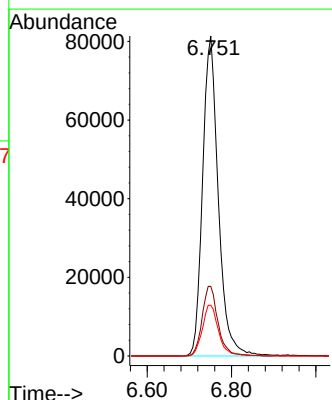
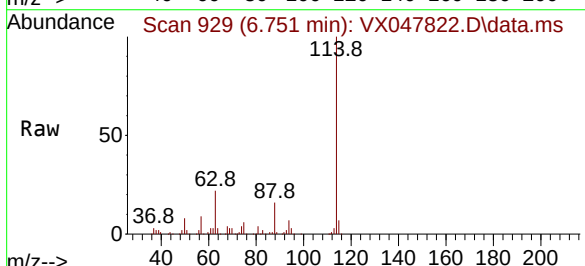
Tgt Ion:114 Resp: 210706

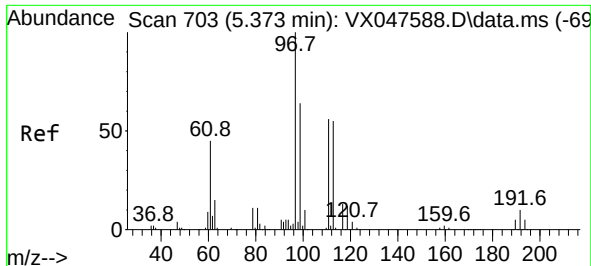
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

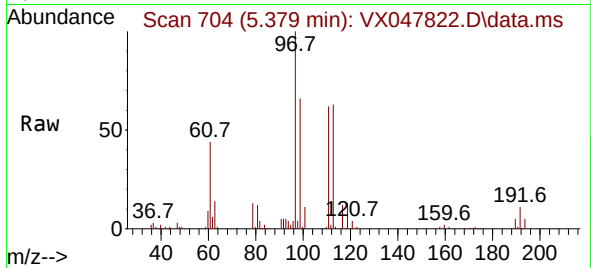
88 15.8 0.0 34.2





#35
Dibromofluoromethane
Concen: 56.565 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

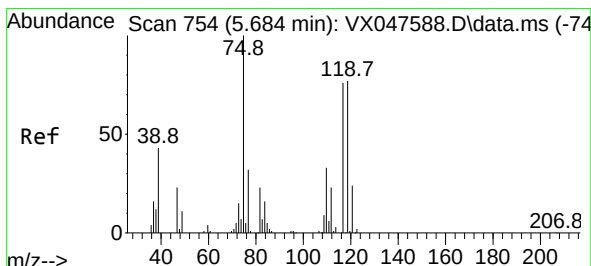
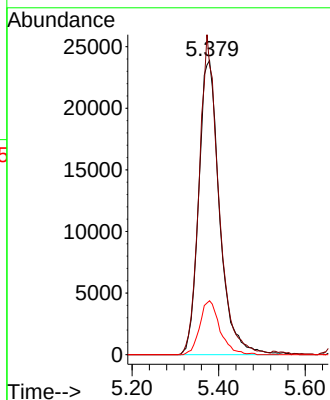
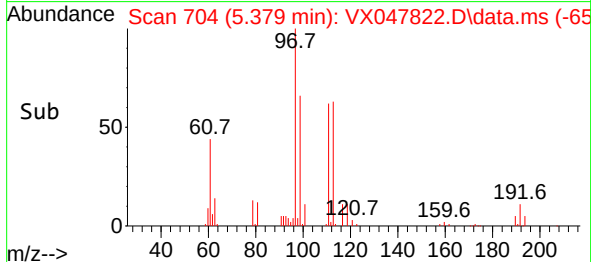
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion: 113 Resp: 7993
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.6 14.2 21.4

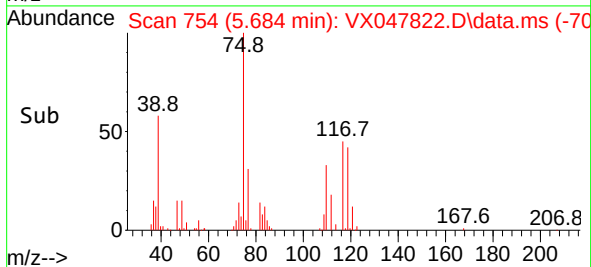
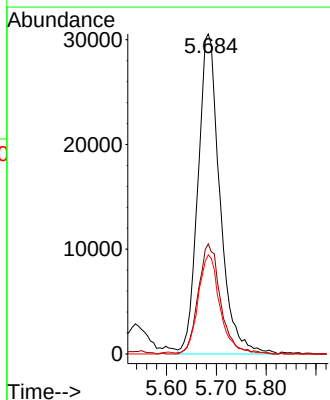
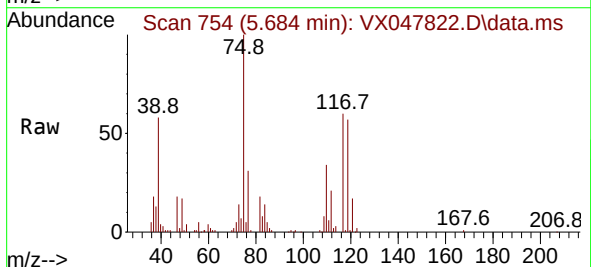
Manual Integrations
APPROVED

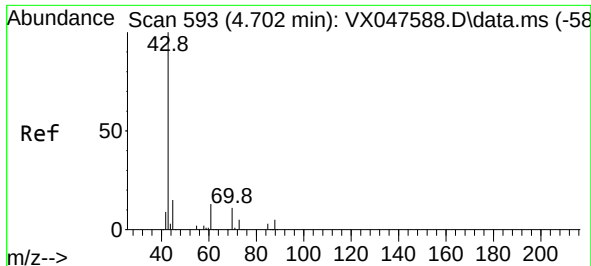
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#36
1,1-Dichloropropene
Concen: 45.137 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Tgt Ion: 75 Resp: 93202
Ion Ratio Lower Upper
75 100
110 35.0 16.7 50.1
77 30.2 24.3 36.5





#37

Ethyl Acetate

Concen: 49.721 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX047822.D

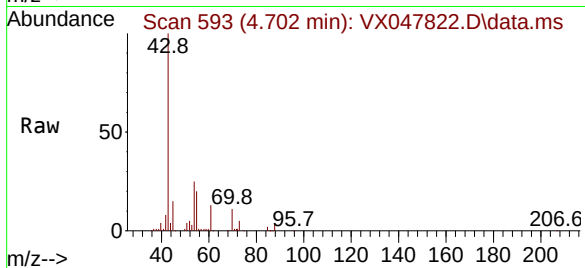
Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD



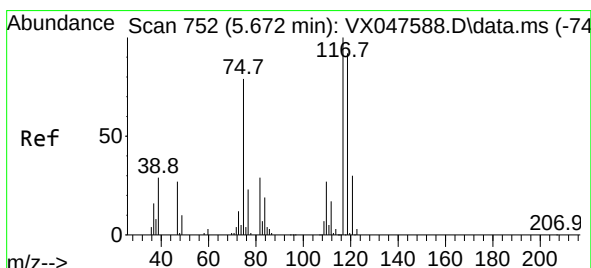
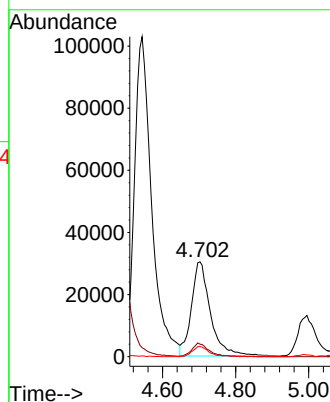
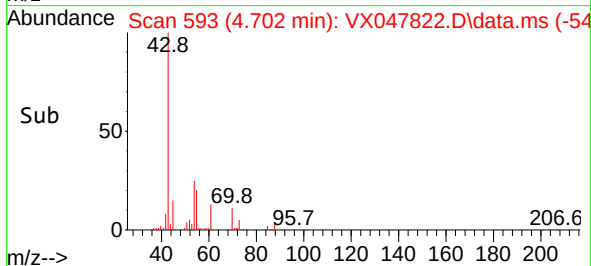
Tgt Ion:	43	Resp:	109929
Ion Ratio	Lower	Upper	
43	100		
61	13.2	9.8	14.8
70	9.6	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#38

Carbon Tetrachloride

Concen: 35.644 ug/l

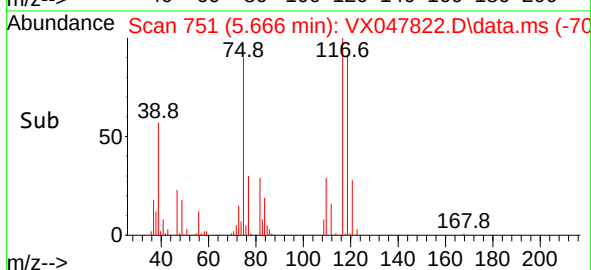
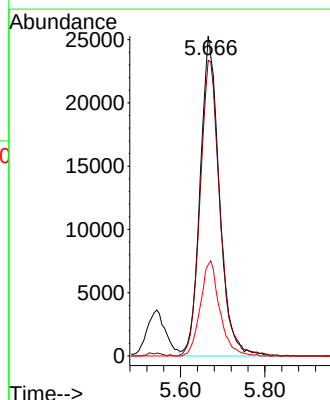
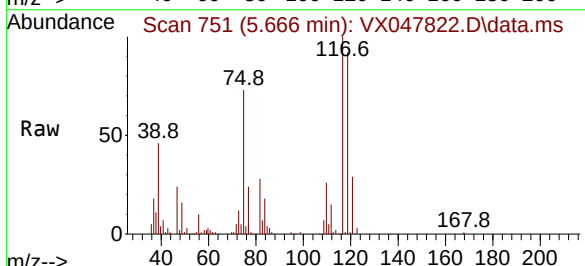
RT: 5.666 min Scan# 751

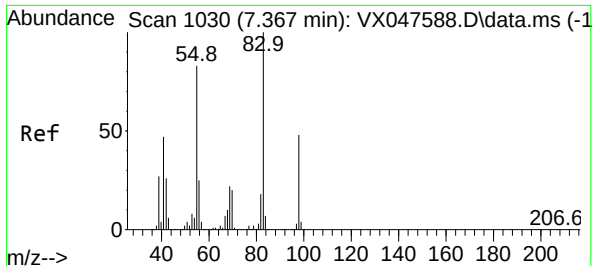
Delta R.T. -0.006 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Tgt Ion:	117	Resp:	79969
Ion Ratio	Lower	Upper	
117	100		
119	92.4	73.4	110.2
121	28.6	23.8	35.6





#39

Methylcyclohexane

Concen: 27.175 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD

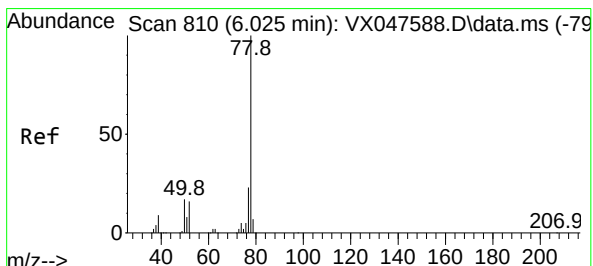
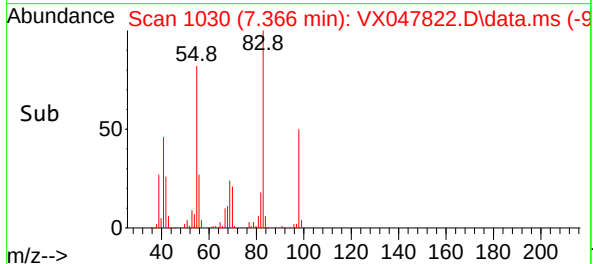
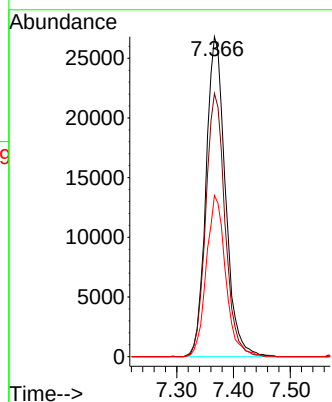
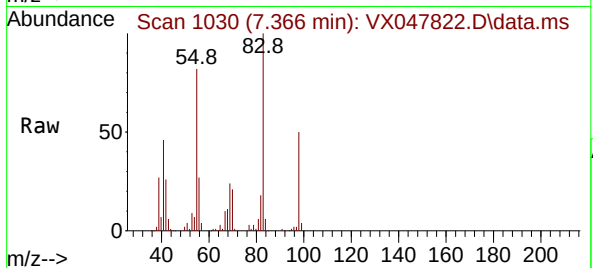
Tgt Ion:	83	Resp:	63690
Ion	Ratio	Lower	Upper
83	100		
55	82.3	66.4	99.6
98	50.4	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#40

Benzene

Concen: 58.195 ug/l

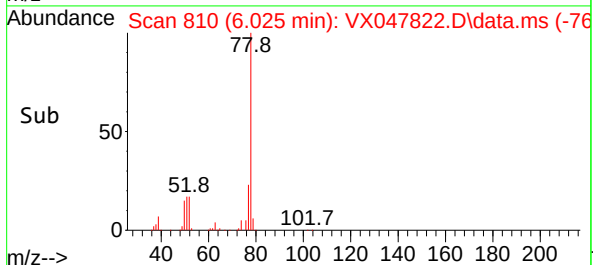
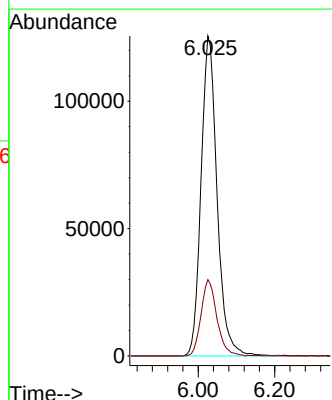
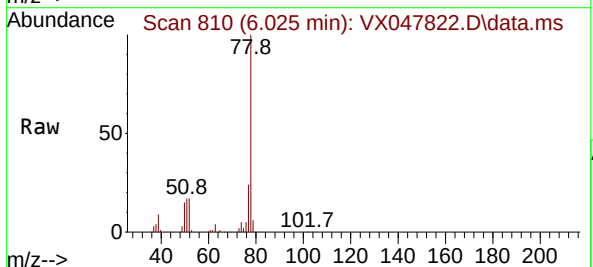
RT: 6.025 min Scan# 810

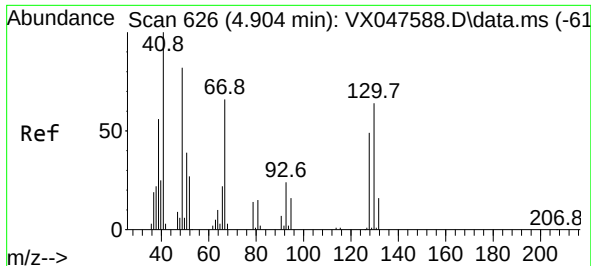
Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Tgt Ion:	78	Resp:	364974
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





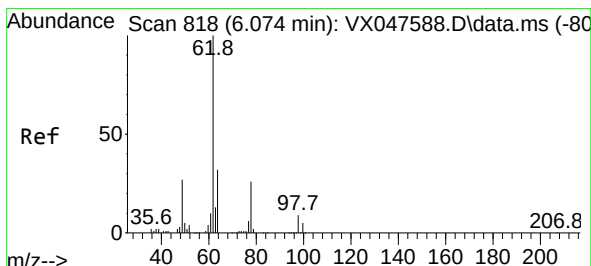
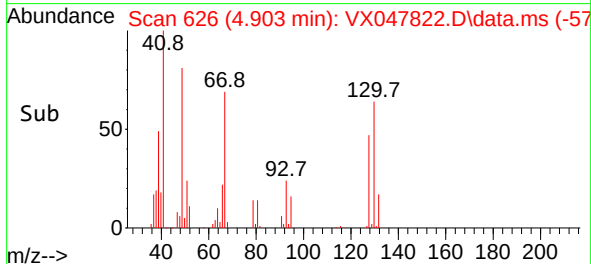
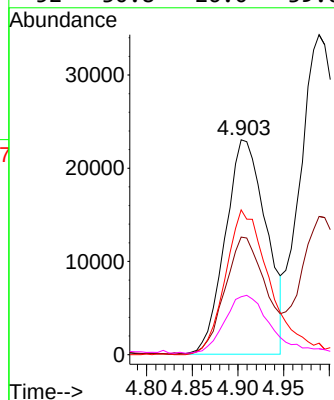
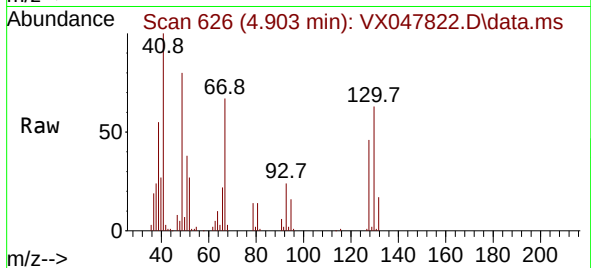
#41
Methacrylonitrile
Concen: 63.018 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD

Tgt Ion: 41 Resp: 71928
Ion Ratio Lower Upper
41 100
39 53.7 43.3 64.9
67 75.5 58.6 87.8
52 30.8 26.0 39.0

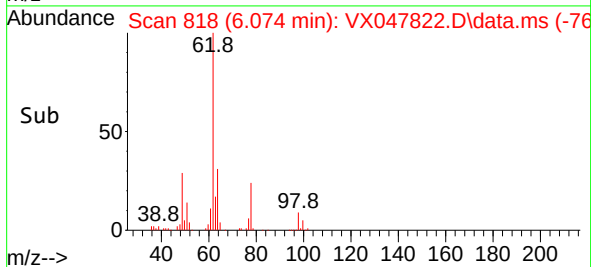
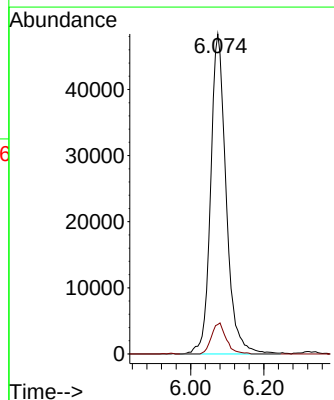
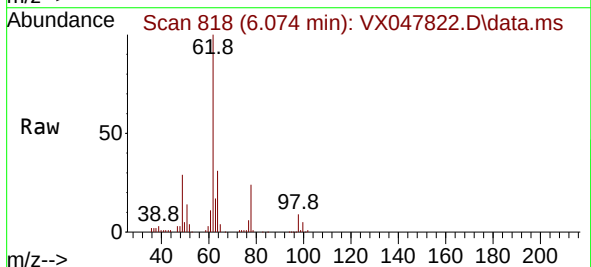
Manual Integrations
APPROVED

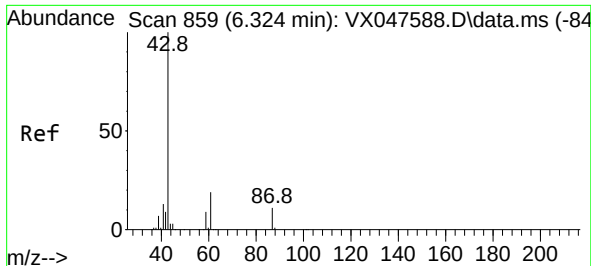
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#42
1,2-Dichloroethane
Concen: 59.747 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

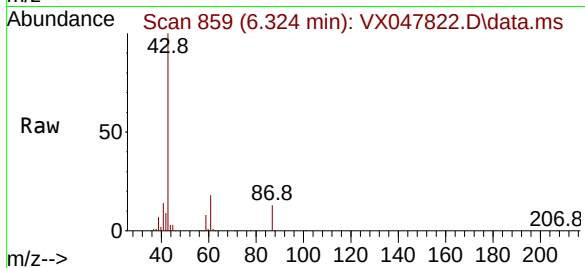
Tgt Ion: 62 Resp: 142572
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.0





#43
Isopropyl Acetate
Concen: 54.186 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

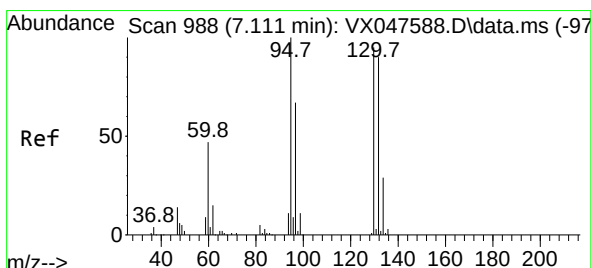
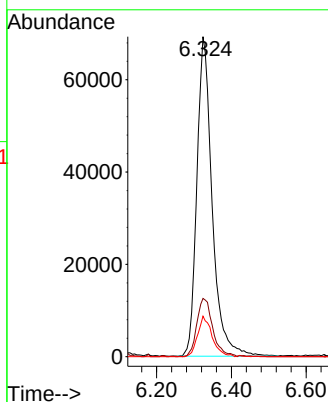
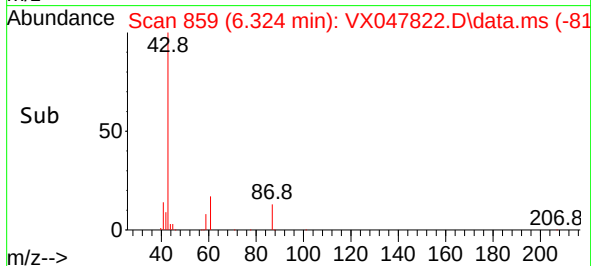
Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-GW-320-322MSD



Tgt Ion: 43 Resp: 196479
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.0 9.6 14.4

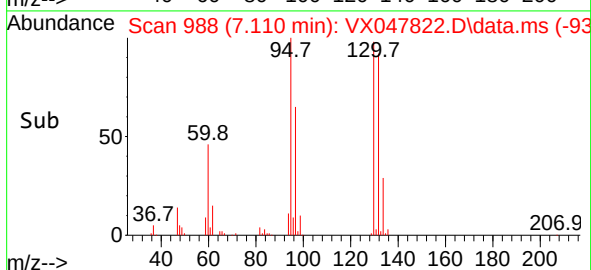
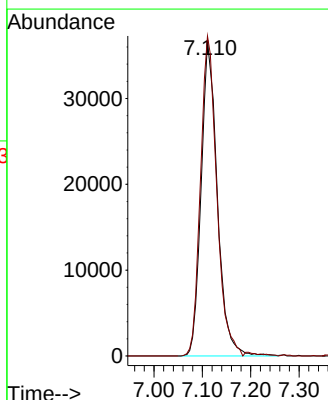
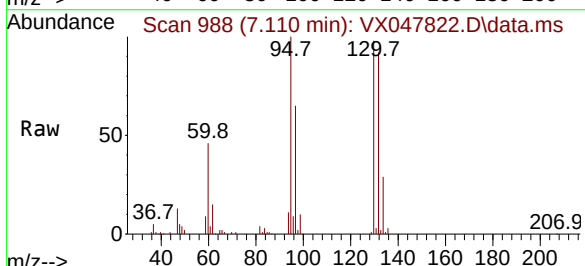
Manual Integrations
APPROVED

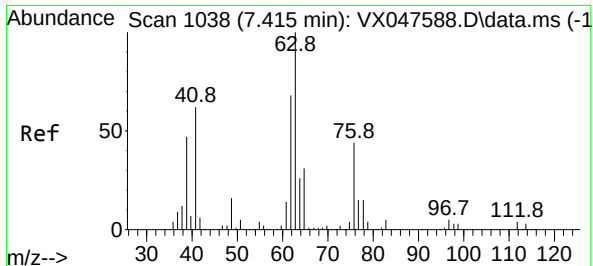
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#44
Trichloroethene
Concen: 56.233 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Tgt Ion:130 Resp: 85262
Ion Ratio Lower Upper
130 100
95 101.8 0.0 210.8





#45

1,2-Dichloropropane

Concen: 61.092 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD

Tgt Ion: 63 Resp: 98109

Ion Ratio Lower Upper

63 100

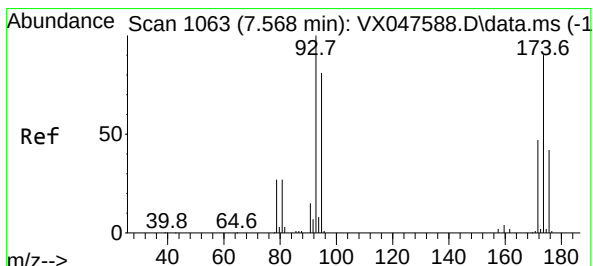
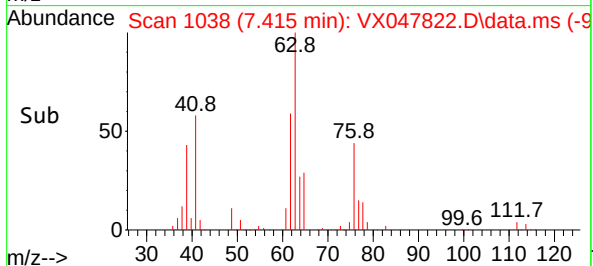
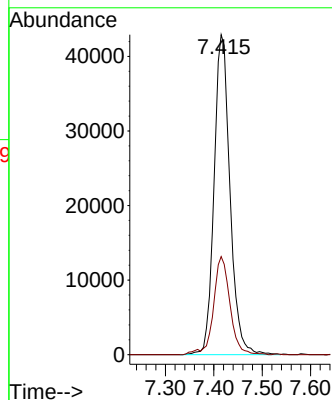
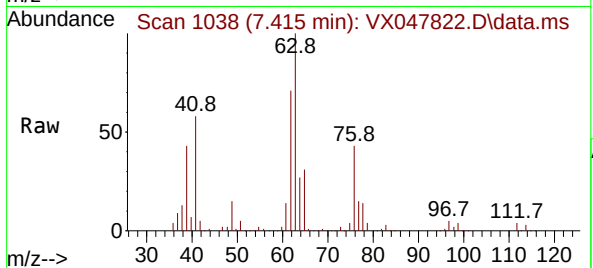
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#46

Dibromomethane

Concen: 63.124 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

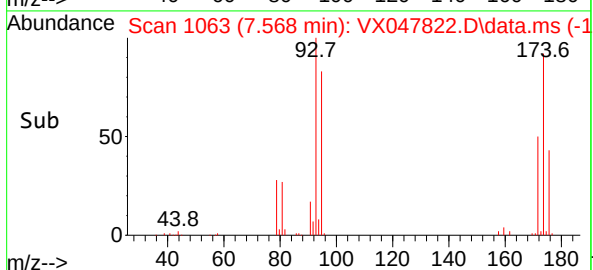
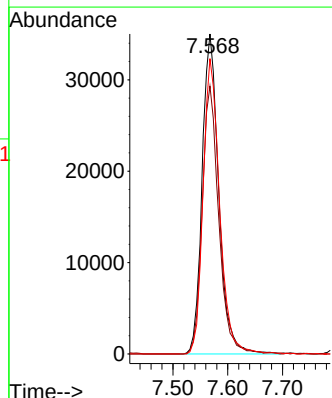
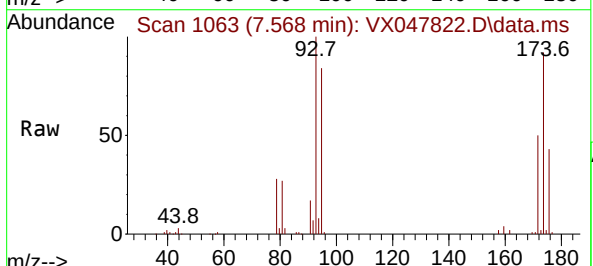
Tgt Ion: 93 Resp: 73769

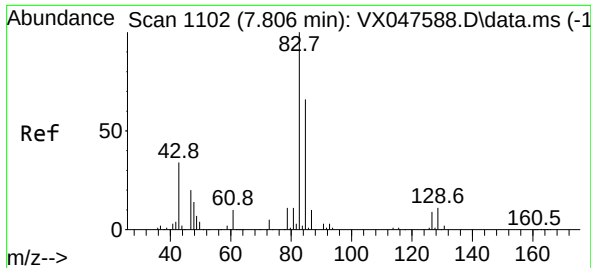
Ion Ratio Lower Upper

93 100

95 83.1 65.0 97.6

174 91.9 71.6 107.4





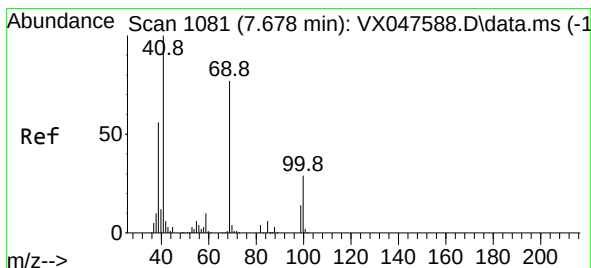
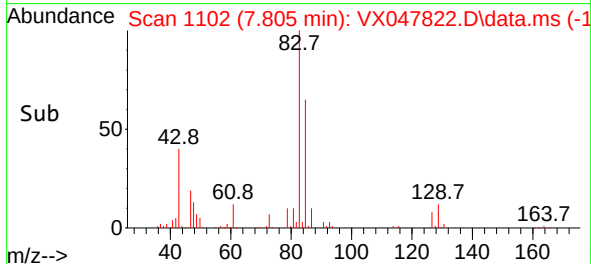
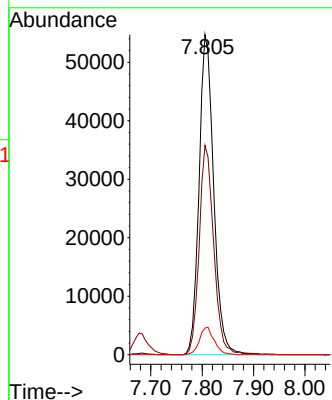
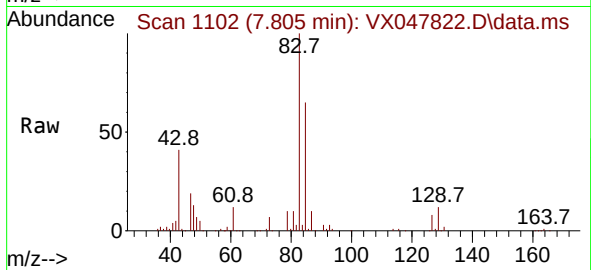
#47
Bromodichloromethane
Concen: 44.842 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-GW-320-322MSD

Tgt Ion: 83 Resp: 10813
Ion Ratio Lower Upper
83 100
85 65.4 52.5 78.7
127 8.3 6.9 10.3

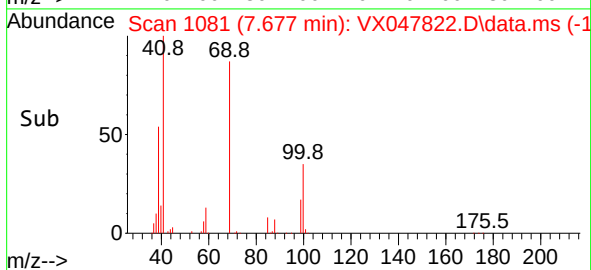
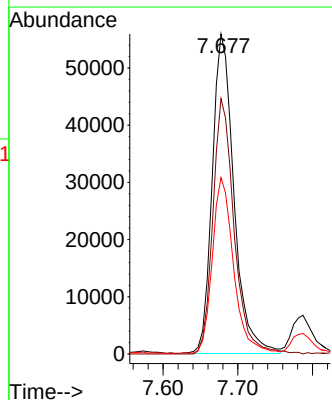
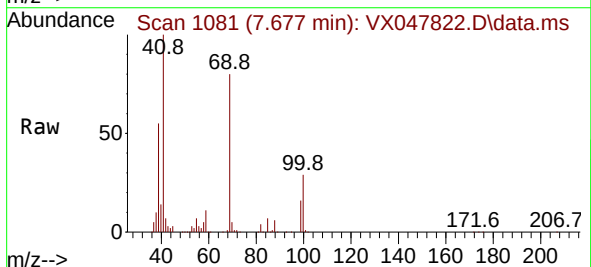
Manual Integrations
APPROVED

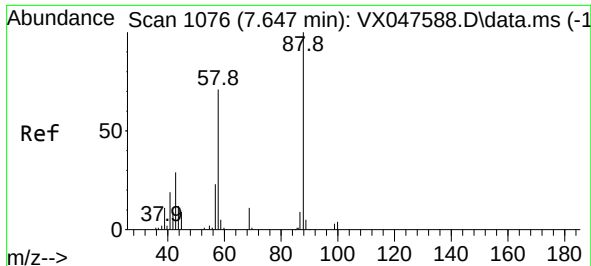
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#48
Methyl methacrylate
Concen: 62.622 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Tgt Ion: 41 Resp: 113105
Ion Ratio Lower Upper
41 100
69 78.2 61.4 92.2
39 54.0 45.8 68.6





#49

1,4-Dioxane

Concen: 1613.910 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX047822.D

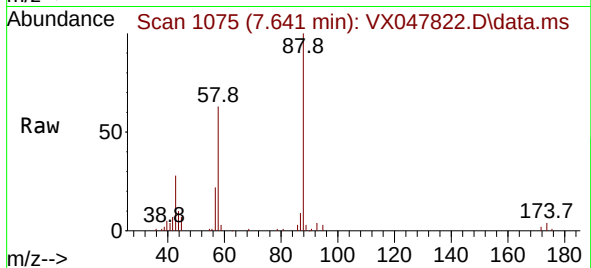
Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD



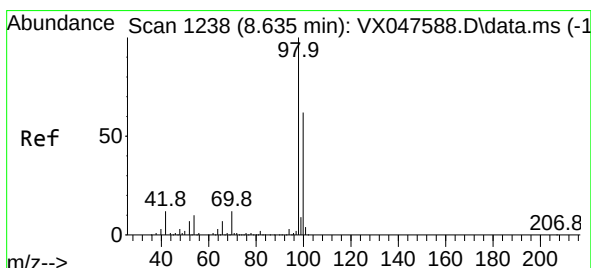
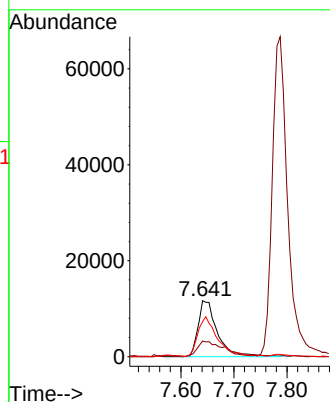
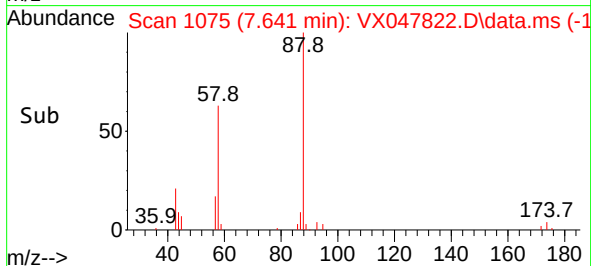
Tgt Ion:	88	Resp:	2945
Ion	Ratio	Lower	Upper
88	100		
43	37.3	30.2	45.2
58	74.0	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#50

Toluene-d8

Concen: 49.852 ug/l

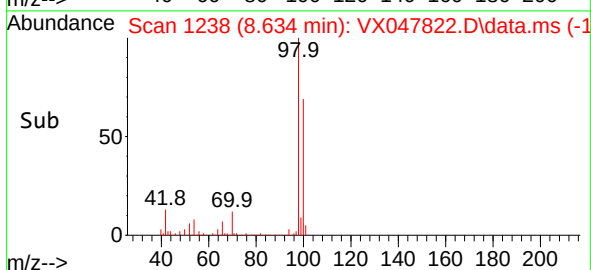
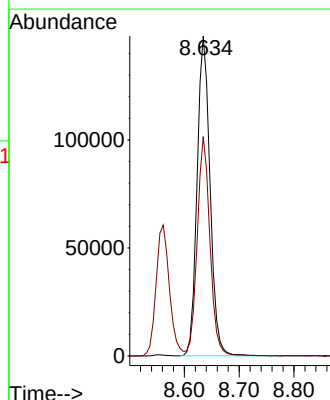
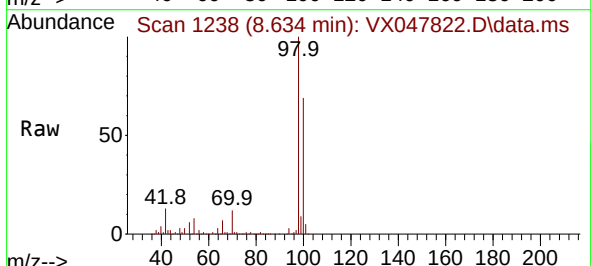
RT: 8.634 min Scan# 1238

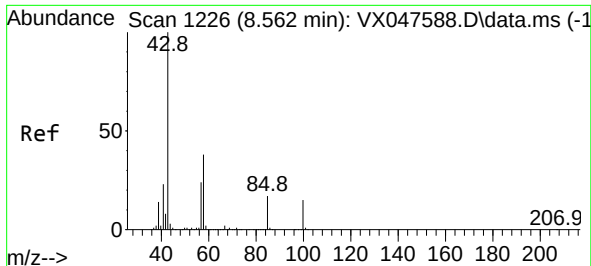
Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Tgt Ion:	98	Resp:	243759
Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.0	79.4





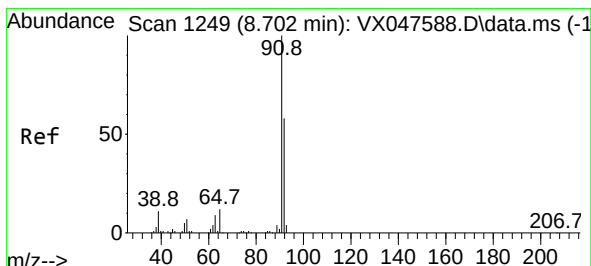
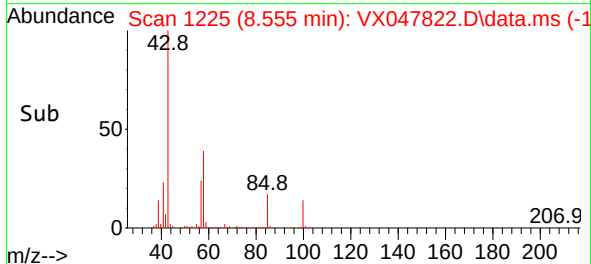
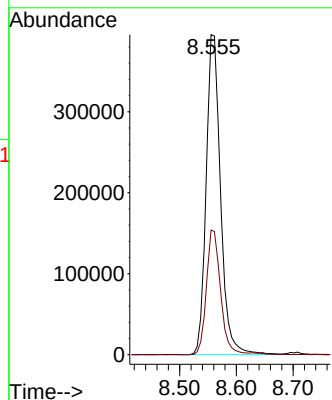
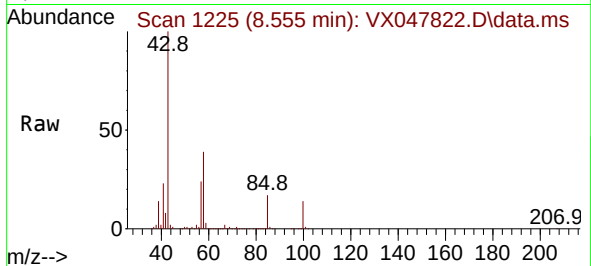
#51
4-Methyl-2-Pentanone
Concen: 347.659 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD

Tgt Ion: 43 Resp: 69894
Ion Ratio Lower Upper
43 100
58 38.7 30.3 45.5

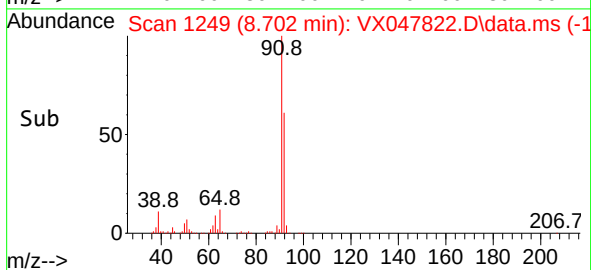
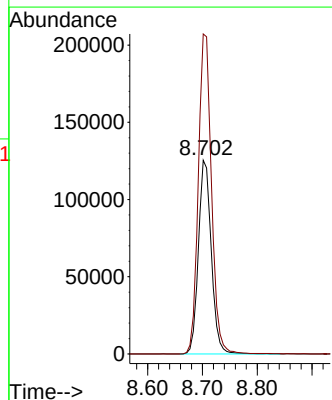
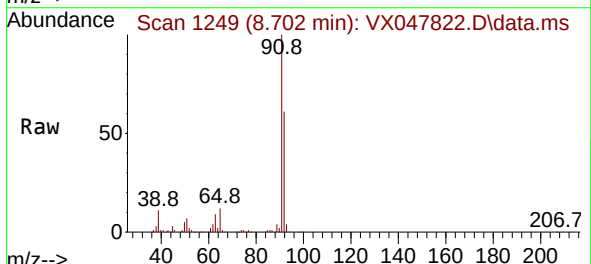
Manual Integrations
APPROVED

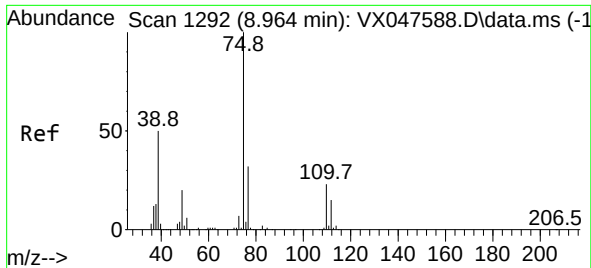
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#52
Toluene
Concen: 53.171 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

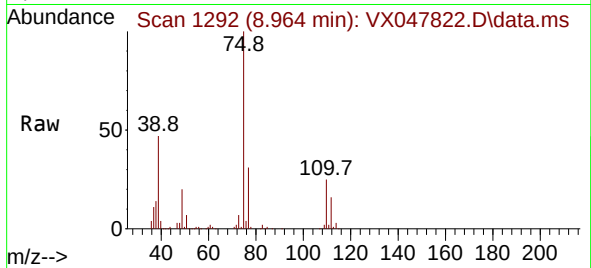
Tgt Ion: 92 Resp: 205447
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 42.142 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

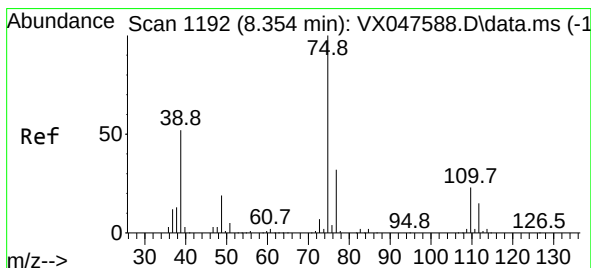
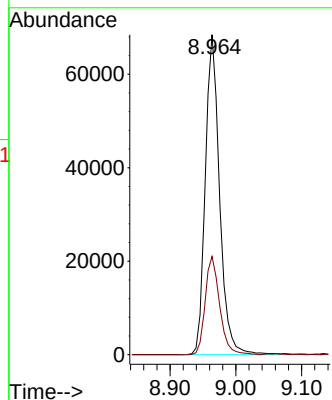
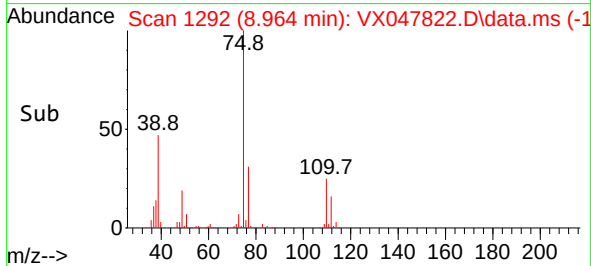
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



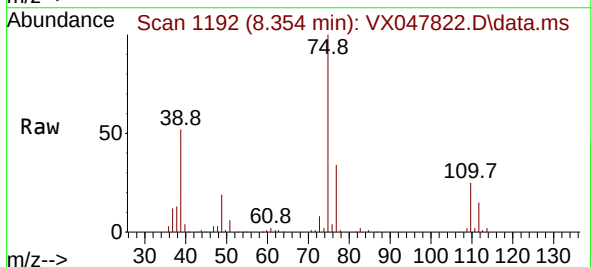
Tgt Ion: 75 Resp: 103660
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2

Manual Integrations
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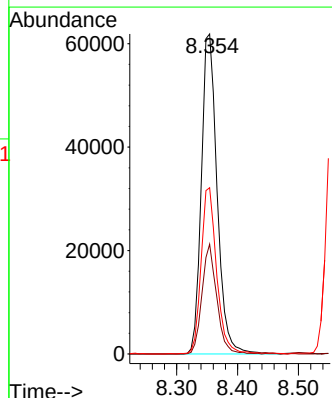
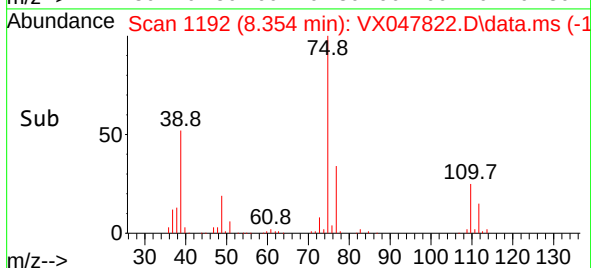
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

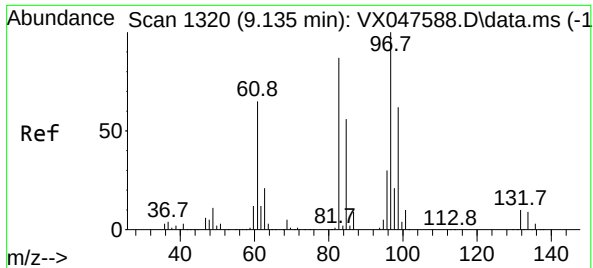


#54
cis-1,3-Dichloropropene
Concen: 42.430 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



Tgt Ion: 75 Resp: 111553
Ion Ratio Lower Upper
75 100
77 34.3 25.8 38.6
39 51.8 41.4 62.2





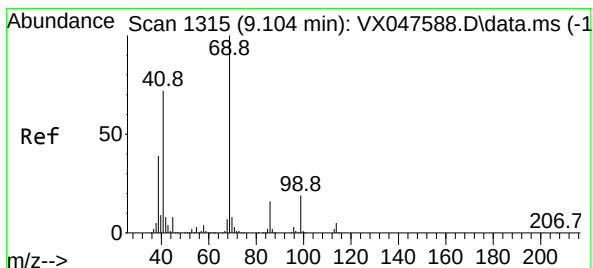
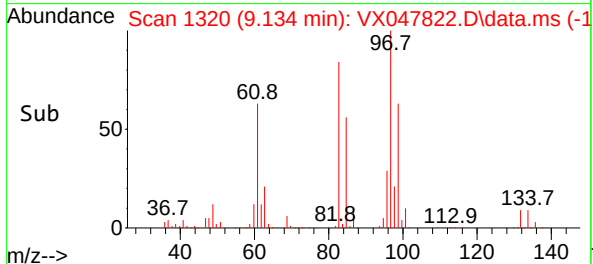
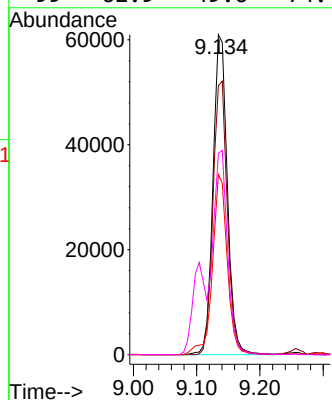
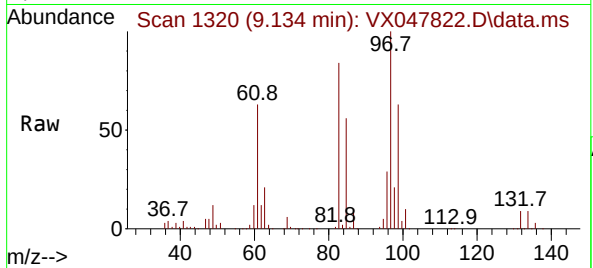
#55
1,1,2-Trichloroethane
Concen: 64.711 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-GW-320-322MSD

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.6	104.4
85	56.3	45.0	67.6
99	62.9	49.6	74.4

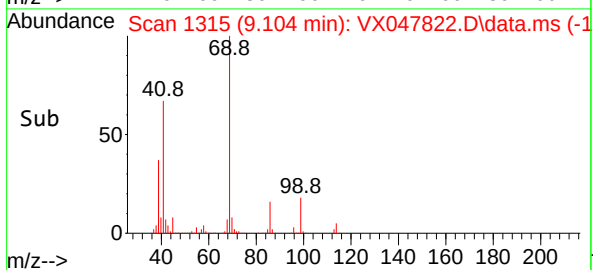
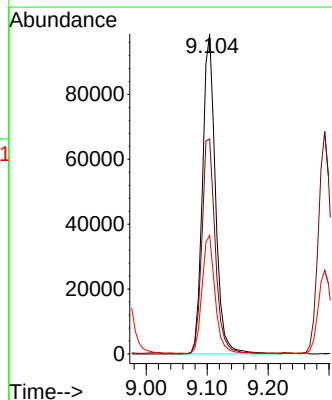
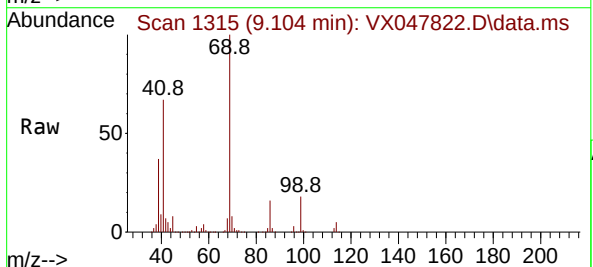
Manual Integrations
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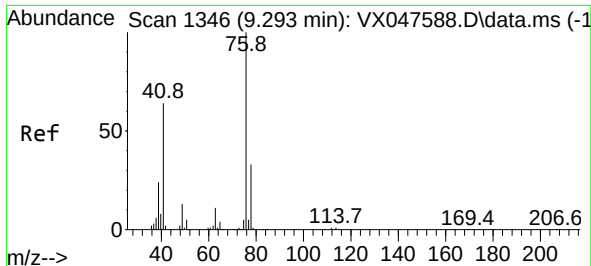
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#56
Ethyl methacrylate
Concen: 62.576 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

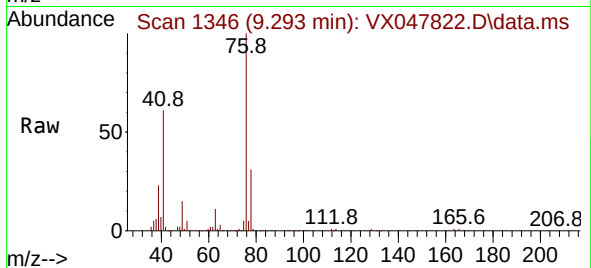
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.1	58.6	87.8
39	37.3	31.5	47.3





#57
1,3-Dichloropropane
Concen: 64.152 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

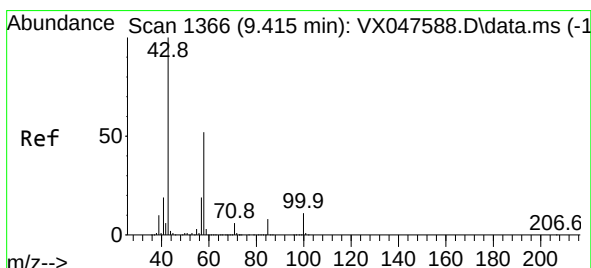
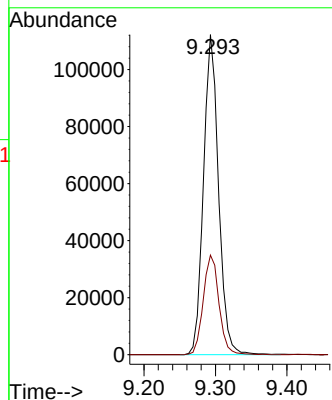
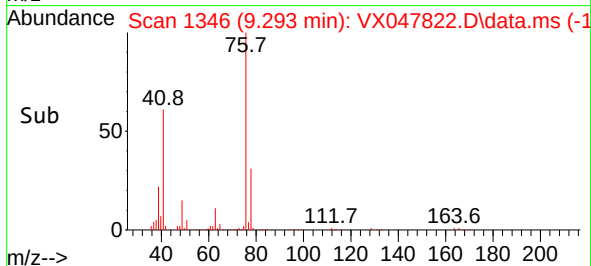
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



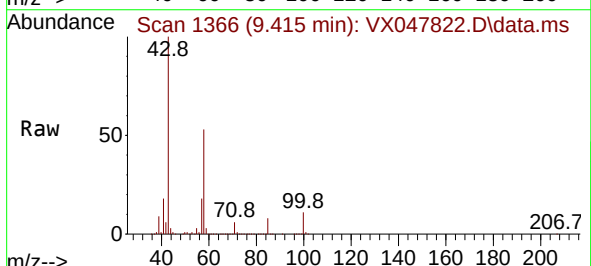
Tgt Ion: 76 Resp: 164190
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4

Manual Integrations
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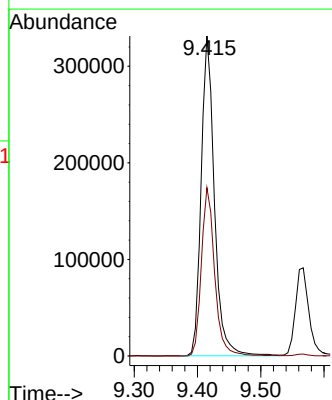
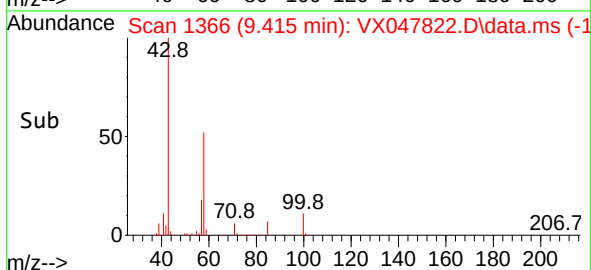
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

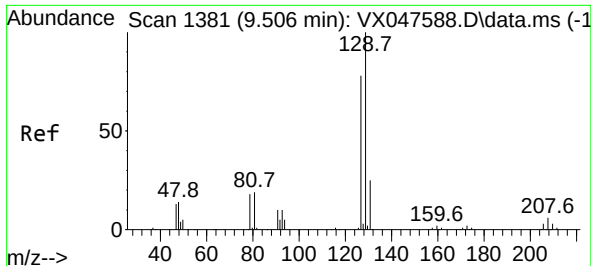


#59
2-Hexanone
Concen: 335.028 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



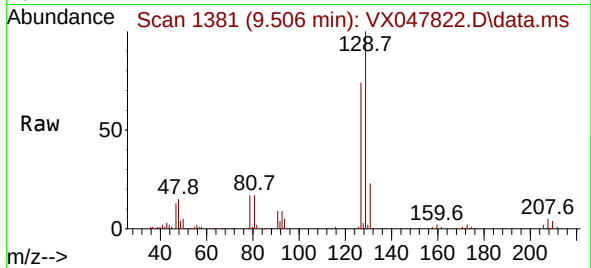
Tgt Ion: 43 Resp: 483745
Ion Ratio Lower Upper
43 100
58 52.9 26.1 78.2





#60
Dibromochloromethane
Concen: 43.991 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

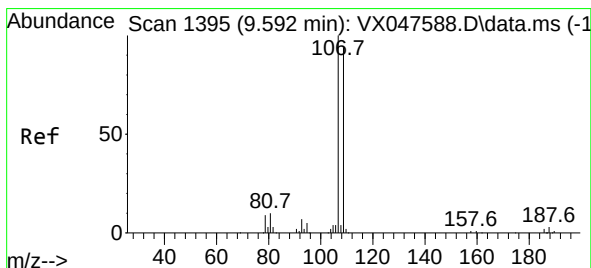
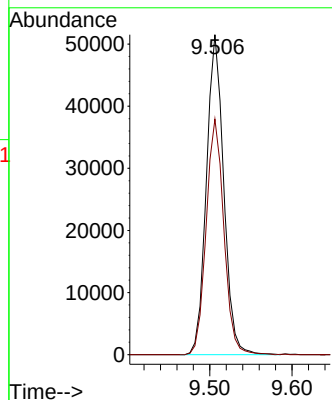
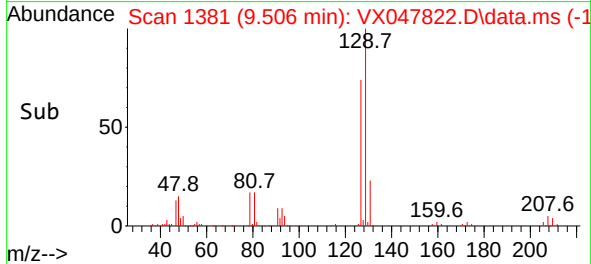
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion:129 Resp: 75519
Ion Ratio Lower Upper
129 100
127 75.2 38.4 115.2

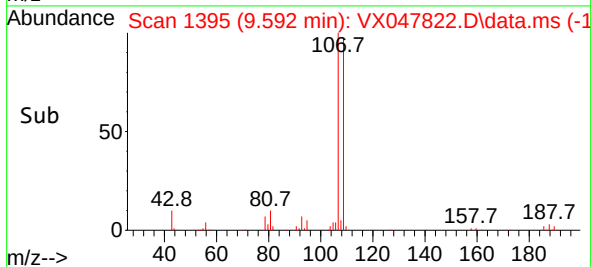
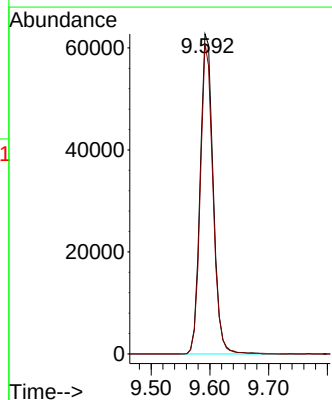
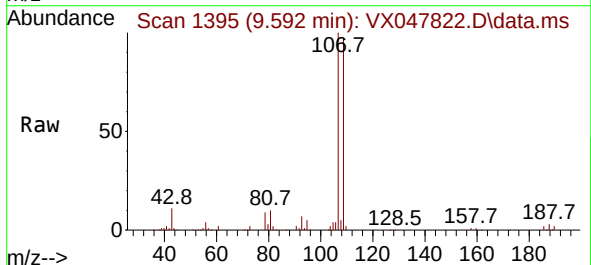
Manual Integrations
APPROVED

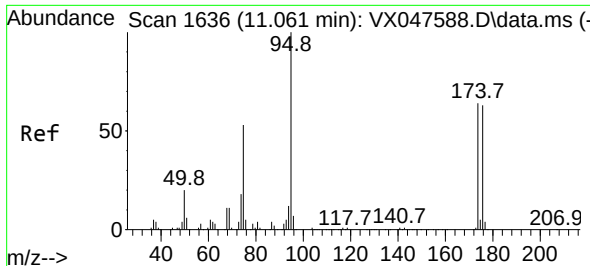
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#61
1,2-Dibromoethane
Concen: 63.414 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

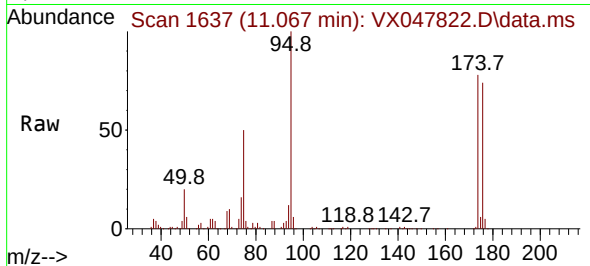
Tgt Ion:107 Resp: 96234
Ion Ratio Lower Upper
107 100
109 94.2 75.3 112.9





#62
4-Bromofluorobenzene
Concen: 45.957 ug/l
RT: 11.067 min Scan# 1636
Delta R.T. 0.006 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

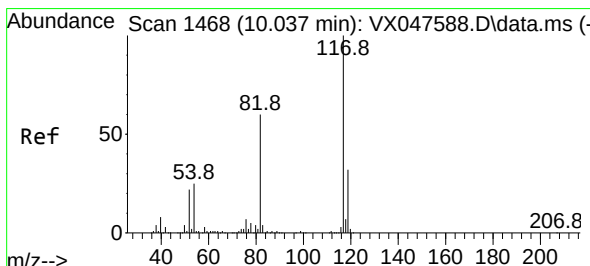
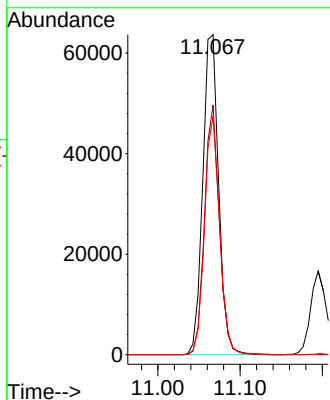
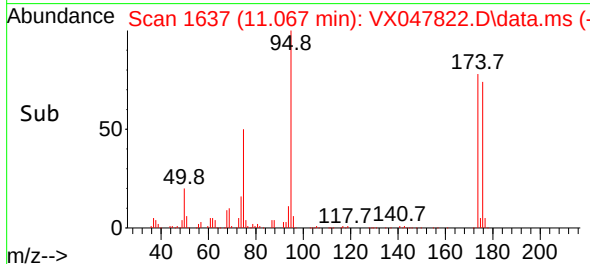
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion: 95 Resp: 8528
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 70.7 0.0 138.4

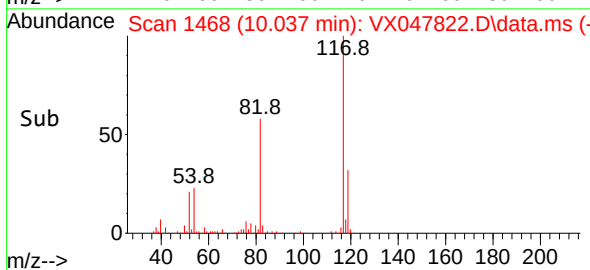
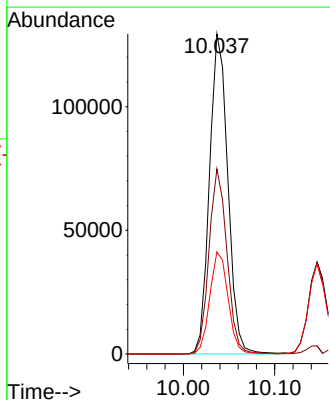
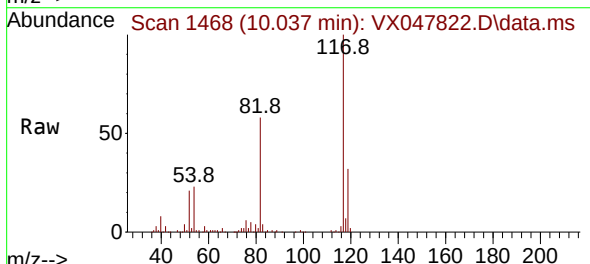
Manual Integrations
APPROVED

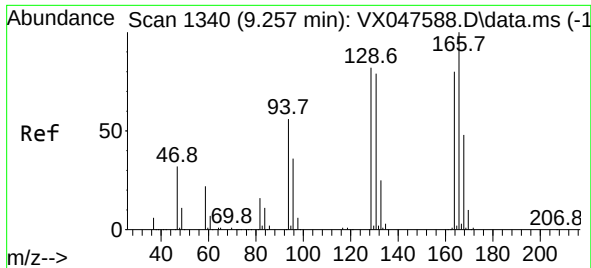
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

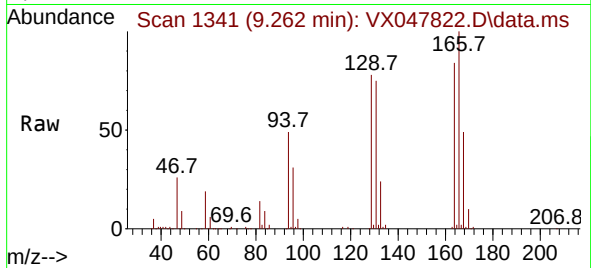
Tgt Ion:117 Resp: 179962
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 31.9 25.2 37.8





#64
Tetrachloroethene
Concen: 49.669 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

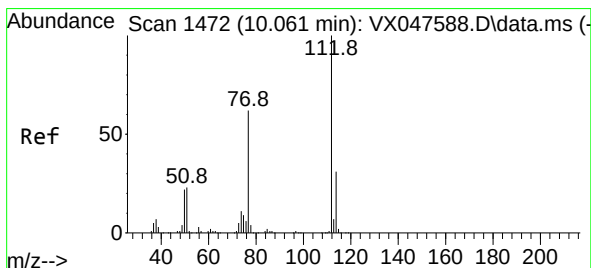
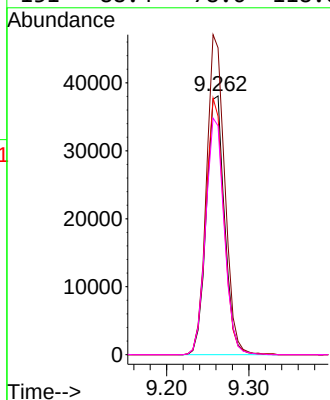
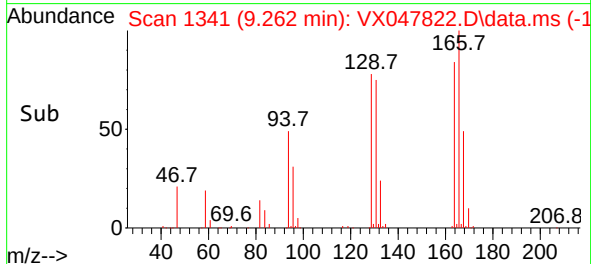
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion:164 Resp: 58270
Ion Ratio Lower Upper
164 100
166 118.6 100.2 150.2
129 92.1 81.8 122.6
131 88.4 78.6 118.0

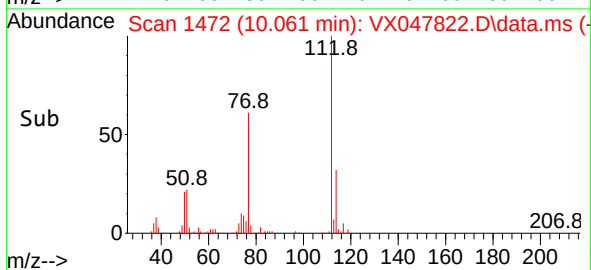
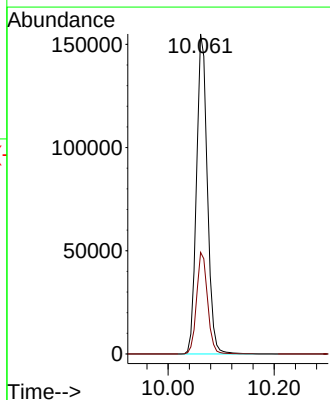
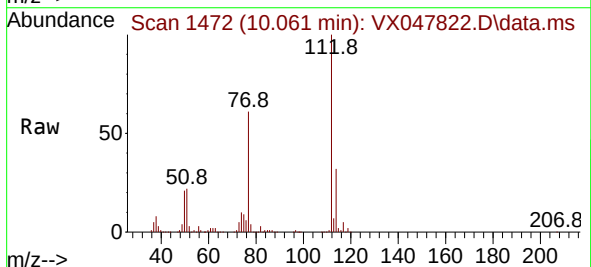
Manual Integrations
APPROVED

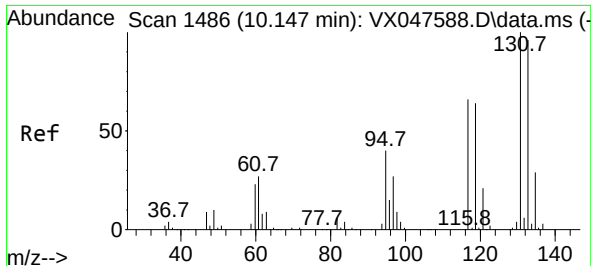
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#65
Chlorobenzene
Concen: 53.949 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

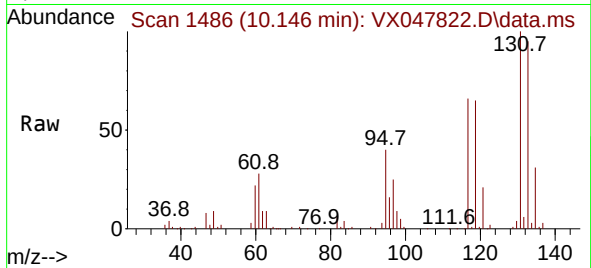
Tgt Ion:112 Resp: 220566
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7





#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.634 ug/l
 RT: 10.146 min Scan# 1486
 Delta R.T. -0.000 min
 Lab File: VX047822.D
 Acq: 25 Sep 2025 18:48

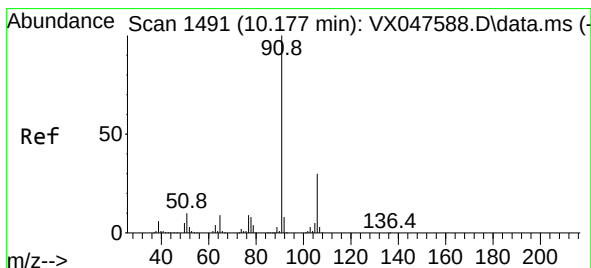
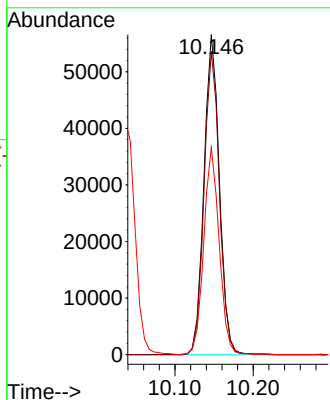
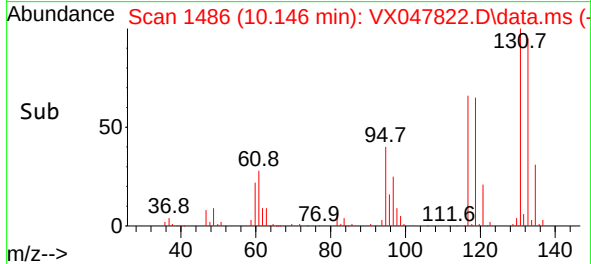
Instrument : MSVOA_X
 ClientSampleId : BP-VPB-184-GW-320-322MSD



Tgt Ion:131 Resp: 7707
 Ion Ratio Lower Upper
 131 100
 133 94.6 47.3 142.0
 119 64.9 32.0 96.0

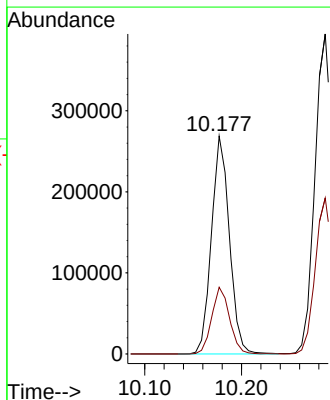
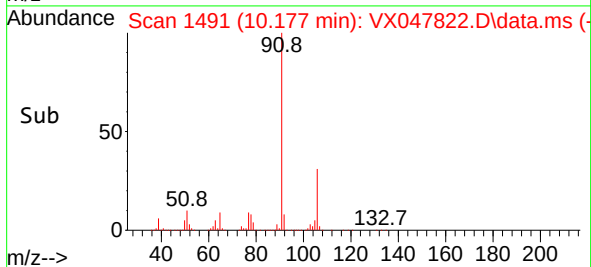
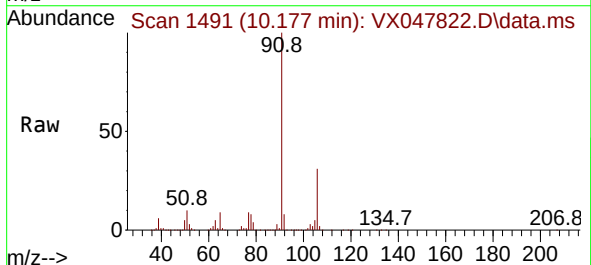
Manual Integrations
 APPROVED

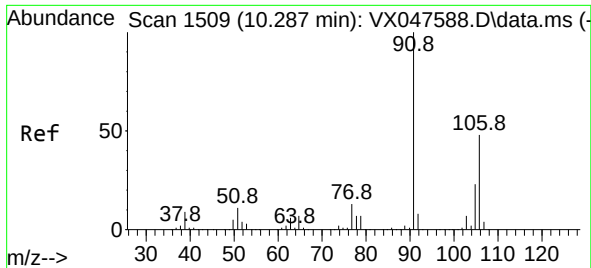
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025



#67
 Ethyl Benzene
 Concen: 49.035 ug/l
 RT: 10.177 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VX047822.D
 Acq: 25 Sep 2025 18:48

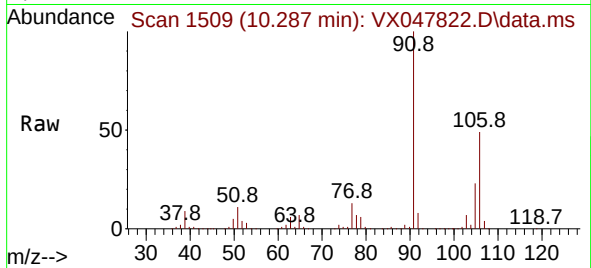
Tgt Ion: 91 Resp: 345906
 Ion Ratio Lower Upper
 91 100
 106 30.6 24.3 36.5





#68
m/p-Xylenes
Concen: 97.456 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

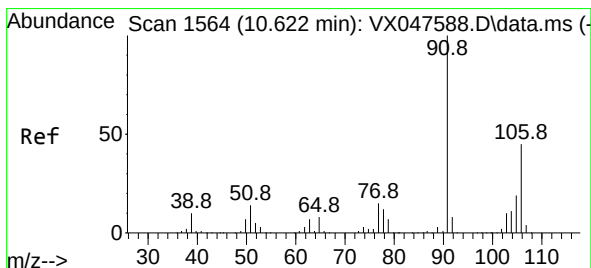
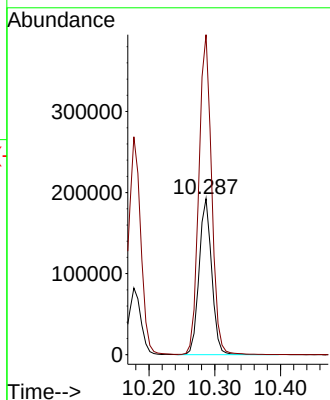
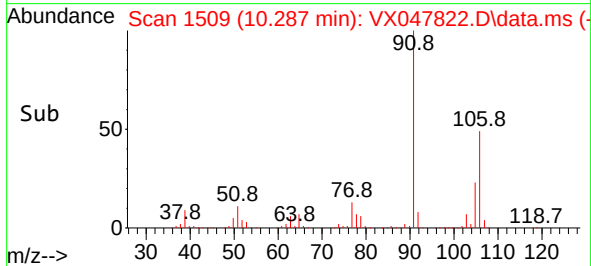
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



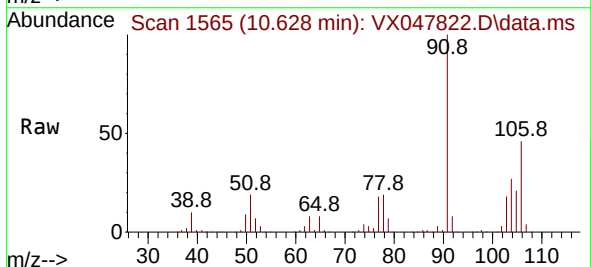
Tgt Ion:106 Resp: 25588
Ion Ratio Lower Upper
106 100
91 207.8 167.8 251.8

Manual Integrations
APPROVED

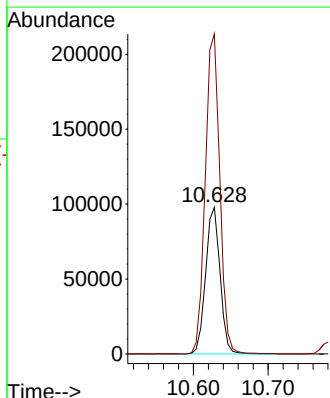
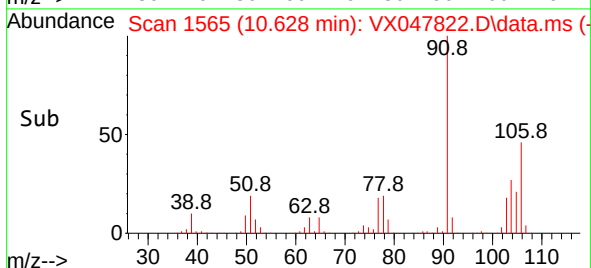
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

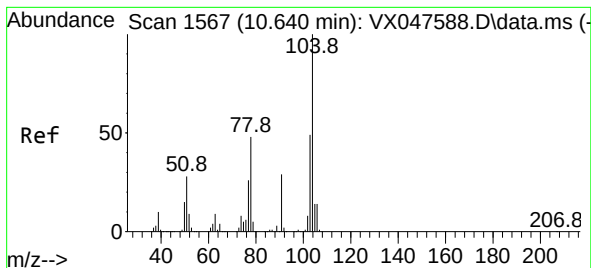


#69
o-Xylene
Concen: 51.654 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



Tgt Ion:106 Resp: 131180
Ion Ratio Lower Upper
106 100
91 220.3 111.1 333.4





#70

Styrene

Concen: 42.287 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD

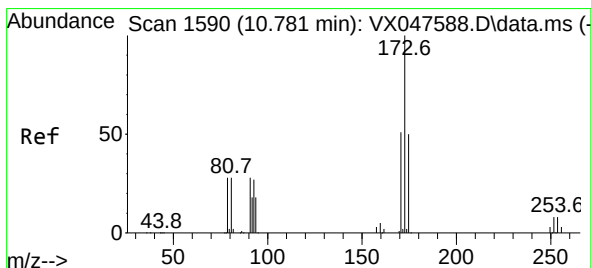
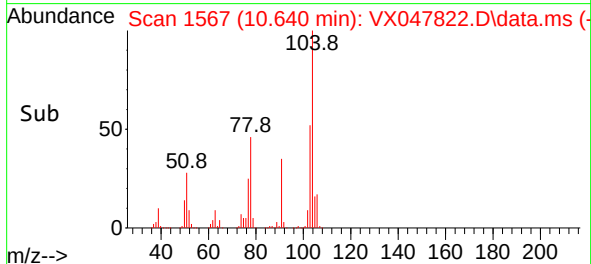
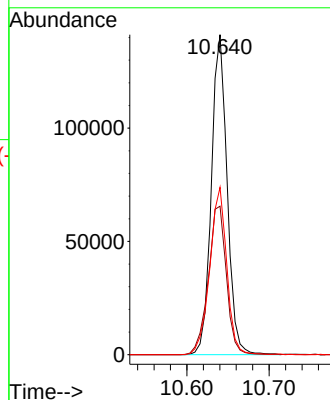
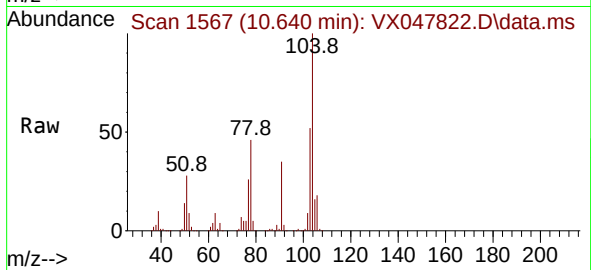
Tgt Ion:	104	Resp:	18817
Ion Ratio	Lower	Upper	
104	100		
78	53.4	43.1	64.7
103	56.5	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#71

Bromoform

Concen: 43.147 ug/l

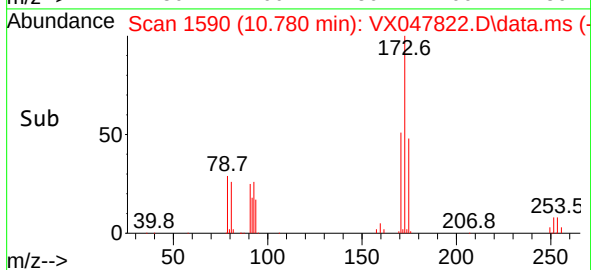
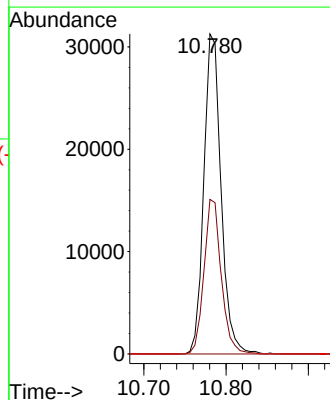
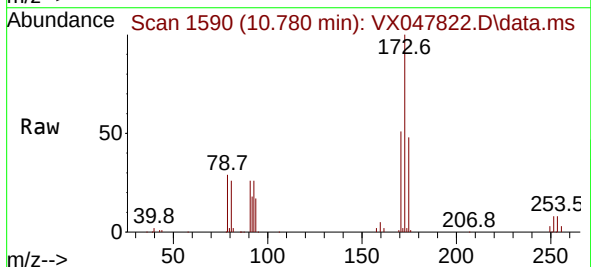
RT: 10.780 min Scan# 1590

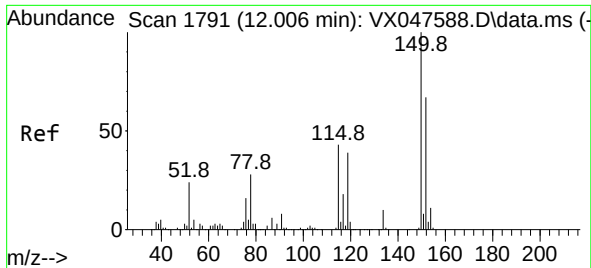
Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

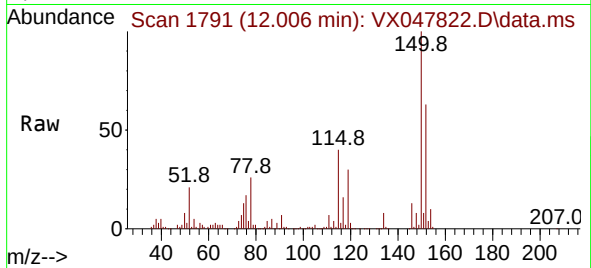
Tgt Ion:	173	Resp:	45452
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.9	74.6
254	0.0	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

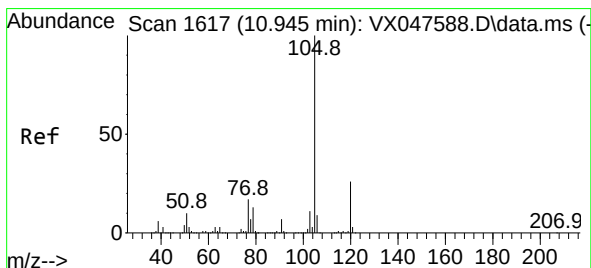
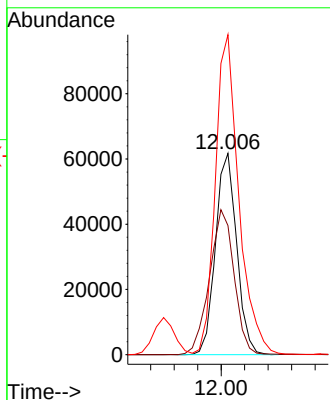
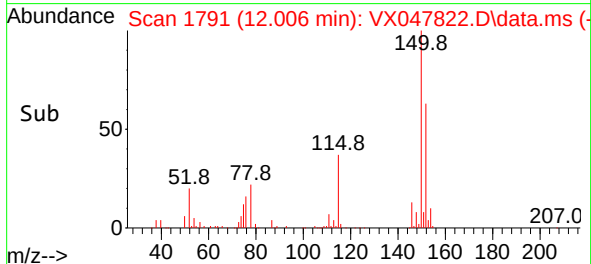
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



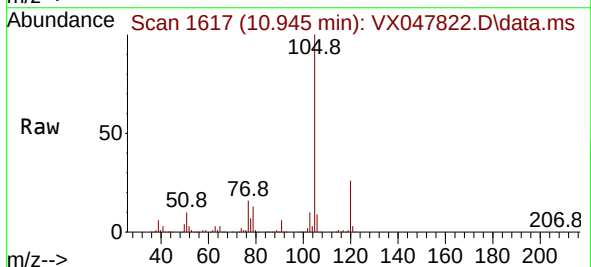
Tgt Ion:152 Resp: 77374
Ion Ratio Lower Upper
152 100
115 84.0 44.9 134.5
150 176.1 0.0 352.0

Manual Integrations
APPROVED

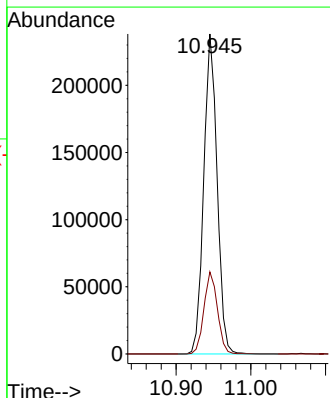
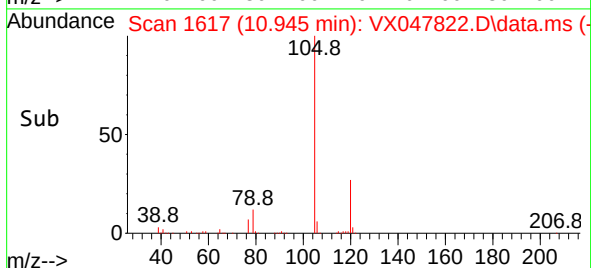
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

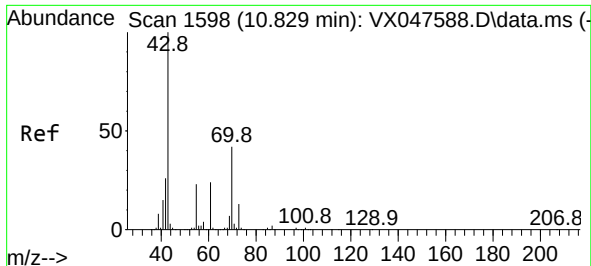


#73
Isopropylbenzene
Concen: 50.179 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



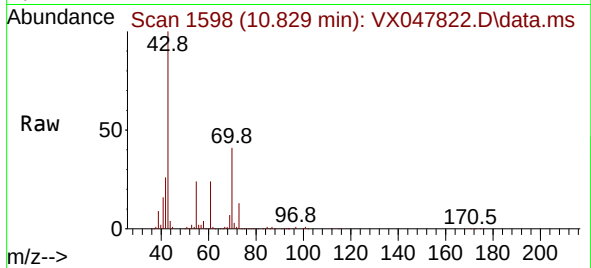
Tgt Ion:105 Resp: 295176
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4





#74
N-ethyl acetate
Concen: 52.322 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

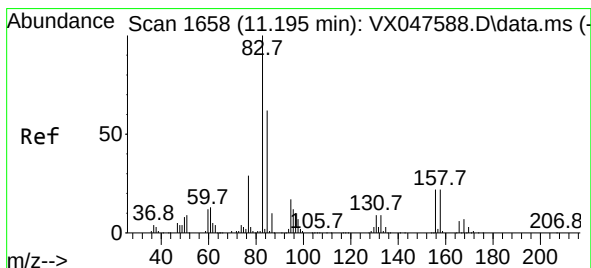
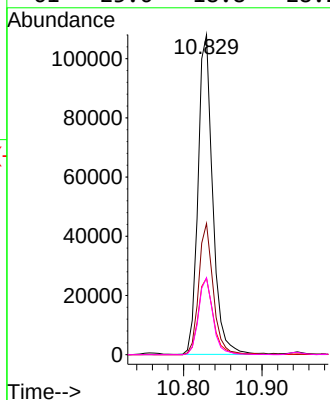
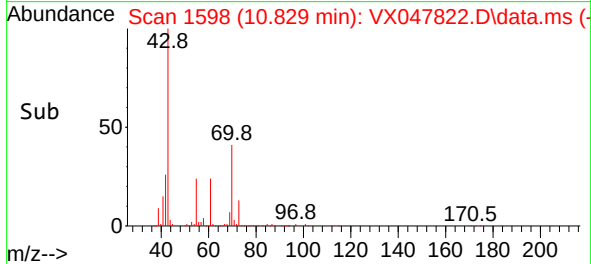
Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-GW-320-322MSD



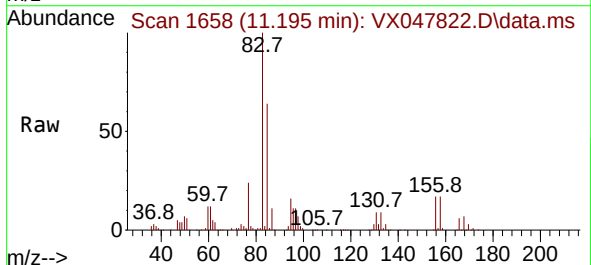
Tgt Ion: 43 Resp: 14035
Ion Ratio Lower Upper
43 100
70 40.7 32.0 48.0
55 24.9 18.9 28.3
61 23.6 18.8 28.2

Manual Integrations
APPROVED

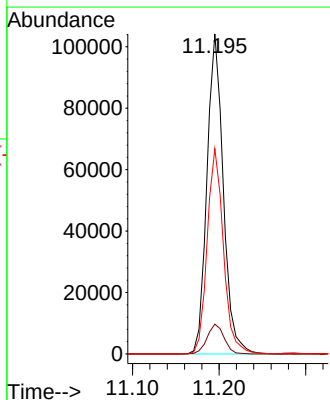
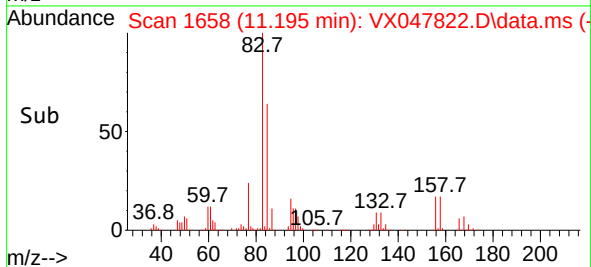
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

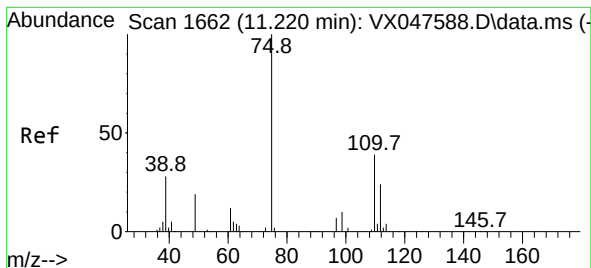


#75
1,1,2,2-Tetrachloroethane
Concen: 76.623 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



Tgt Ion: 83 Resp: 136370
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 63.9 31.6 95.0





#76

1,2,3-Trichloropropane

Concen: 65.688 ug/l m

RT: 11.219 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD

Tgt Ion: 75 Resp: 102900

Ion Ratio Lower Upper

75 100

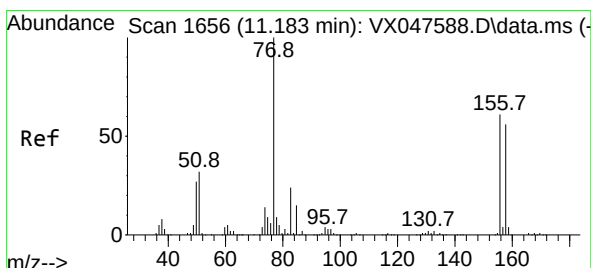
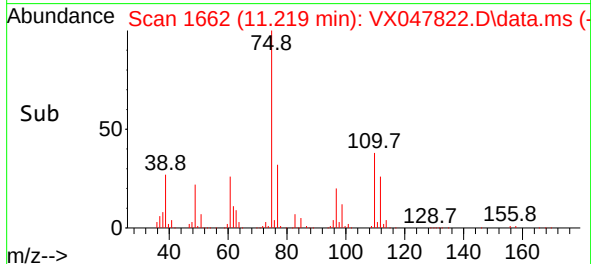
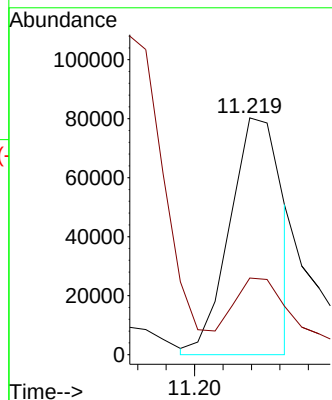
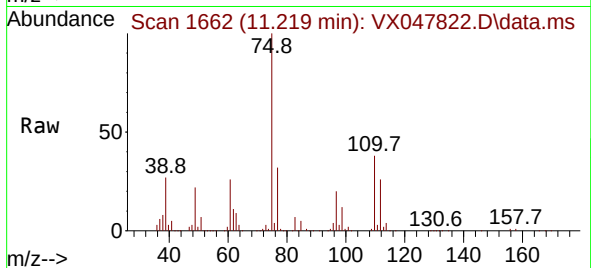
77 38.2 18.8 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#77

Bromobenzene

Concen: 58.645 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

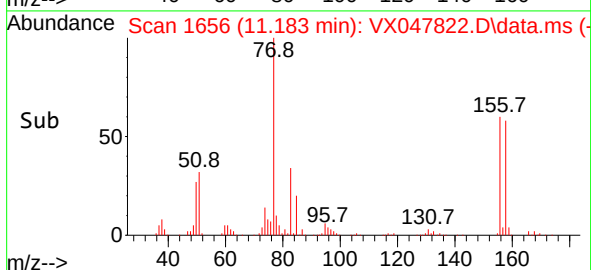
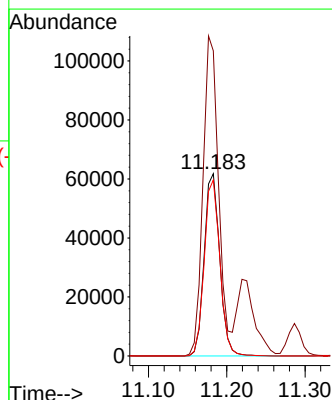
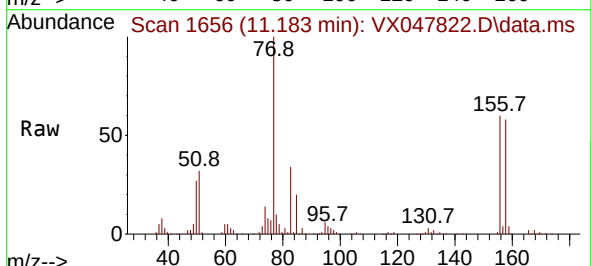
Tgt Ion:156 Resp: 84966

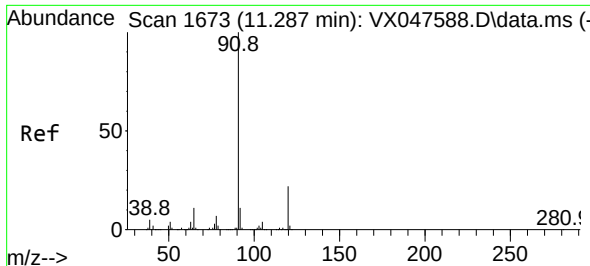
Ion Ratio Lower Upper

156 100

77 176.8 89.7 269.1

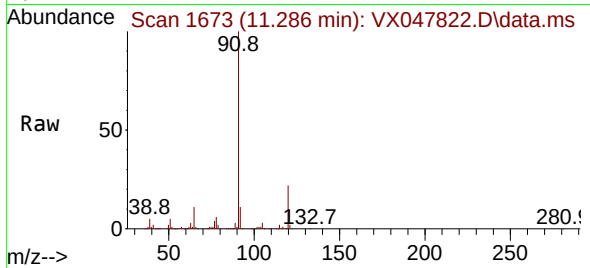
158 97.2 47.9 143.6





#78
n-propylbenzene
Concen: 47.216 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

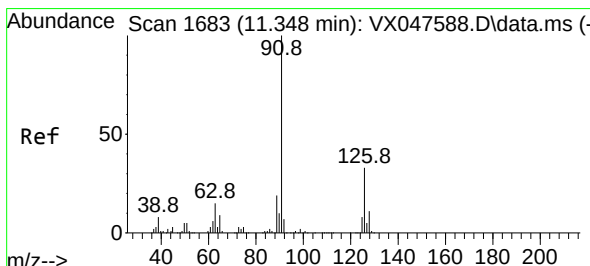
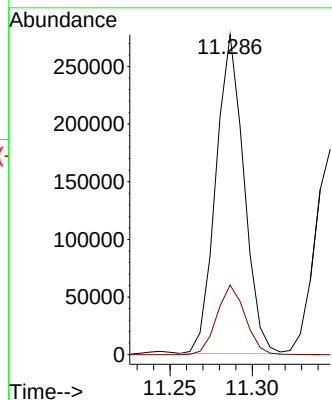
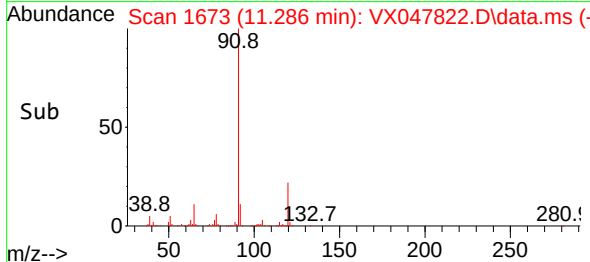
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion: 91 Resp: 32833
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1

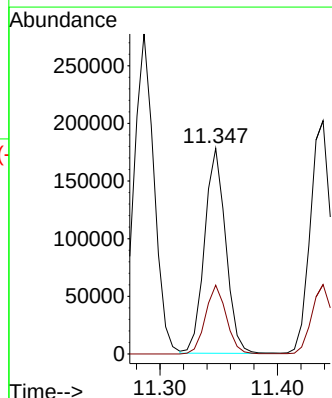
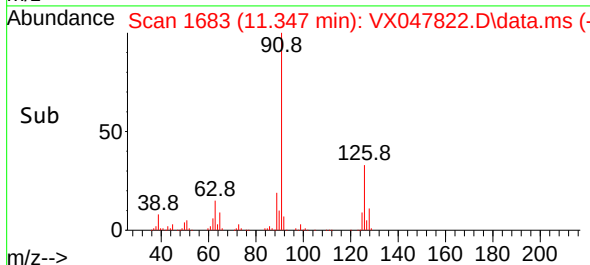
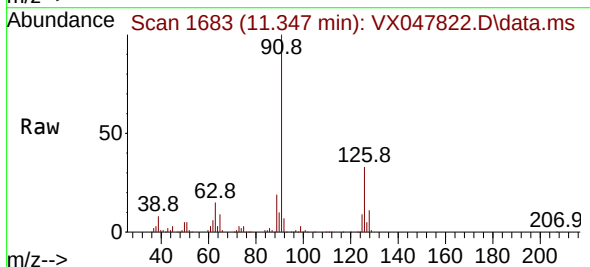
Manual Integrations
APPROVED

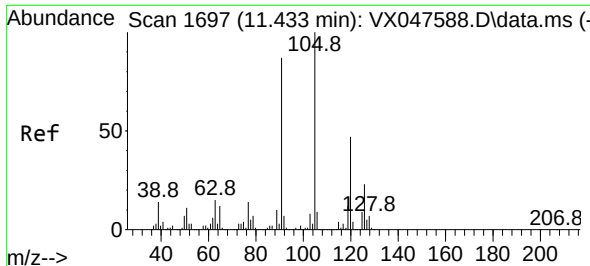
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#79
2-Chlorotoluene
Concen: 52.139 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

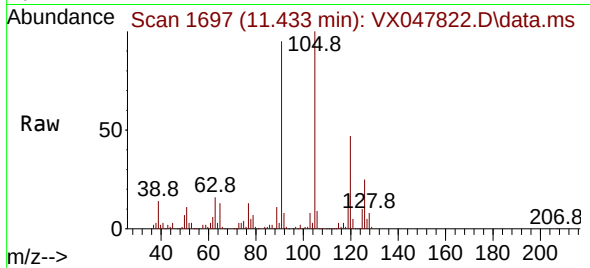
Tgt Ion: 91 Resp: 222063
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.3





#80
1,3,5-Trimethylbenzene
Concen: 49.220 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

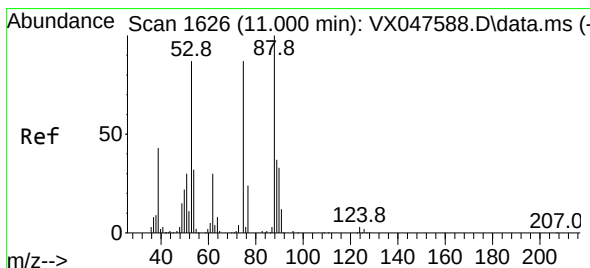
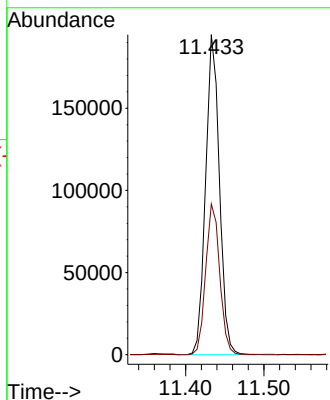
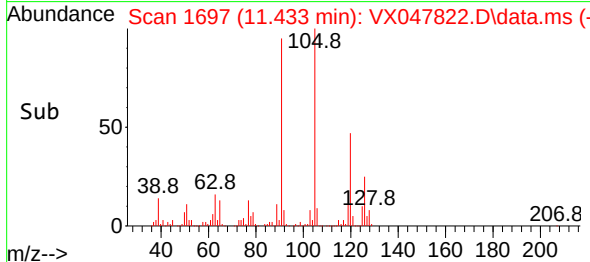
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



Tgt Ion:105 Resp: 237879
Ion Ratio Lower Upper
105 100
120 47.9 23.6 70.8

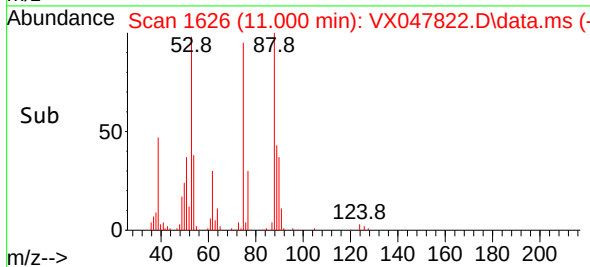
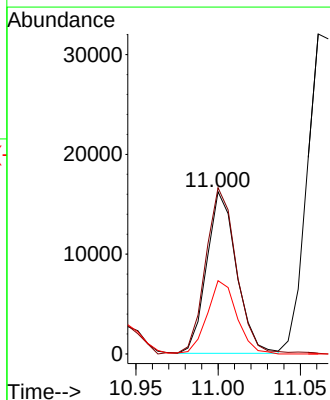
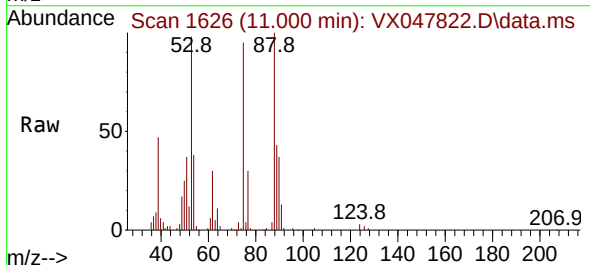
Manual Integrations
APPROVED

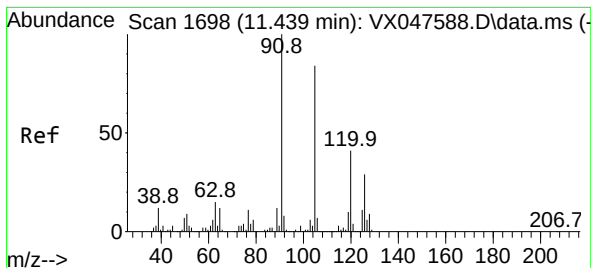
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 33.237 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

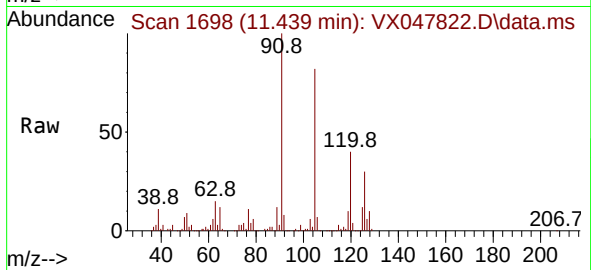
Tgt Ion: 75 Resp: 20418
Ion Ratio Lower Upper
75 100
53 106.2 83.4 125.2
89 45.2 36.3 54.5





#82
4-Chlorotoluene
Concen: 51.147 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

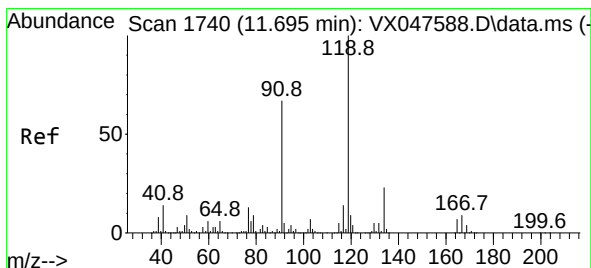
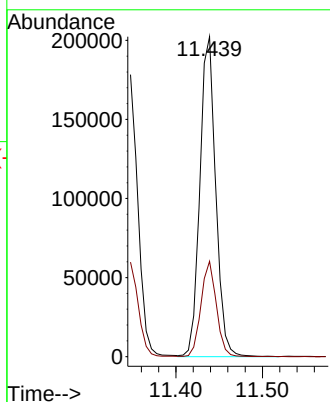
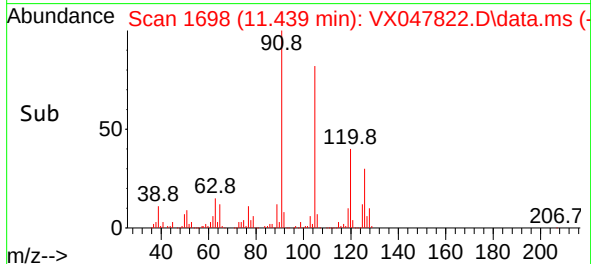
Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-GW-320-322MSD



Tgt Ion: 91 Resp: 257279
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6

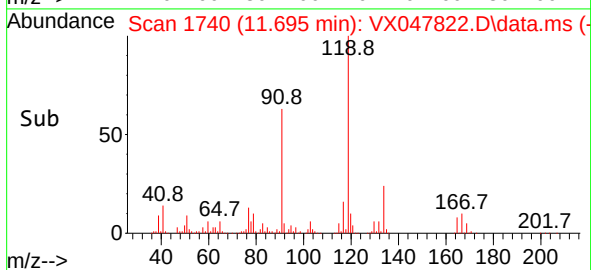
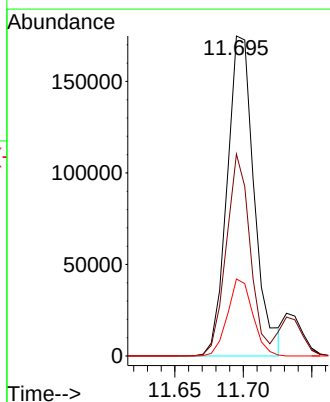
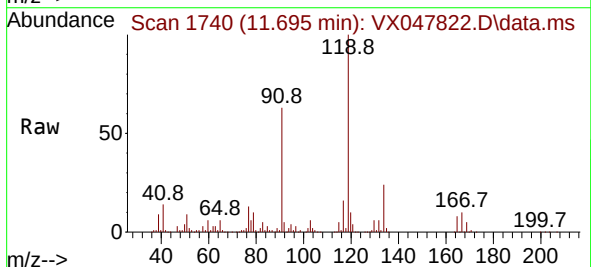
Manual Integrations
APPROVED

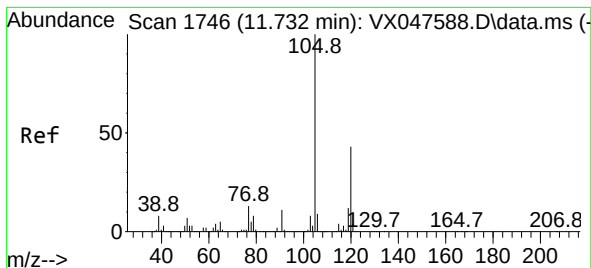
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#83
tert-Butylbenzene
Concen: 48.720 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Tgt Ion:119 Resp: 241036
Ion Ratio Lower Upper
119 100
91 55.8 29.6 88.8
134 22.5 11.0 33.0





#84

1,2,4-Trimethylbenzene

Concen: 50.846 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX047822.D

Acq: 25 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MSD

Tgt Ion:105 Resp: 24913

Ion Ratio Lower Upper

105 100

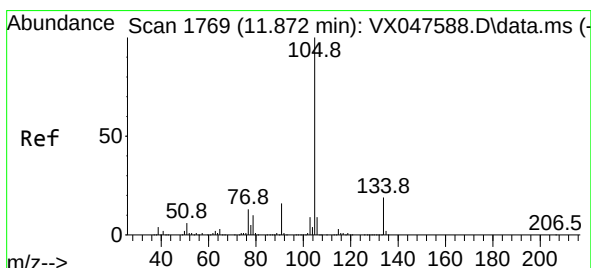
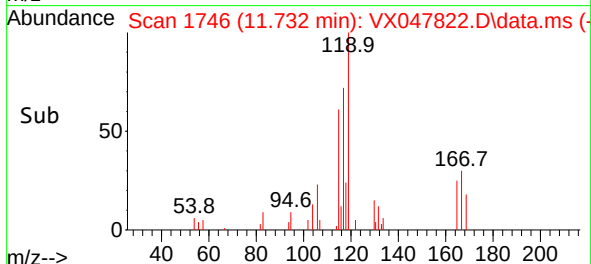
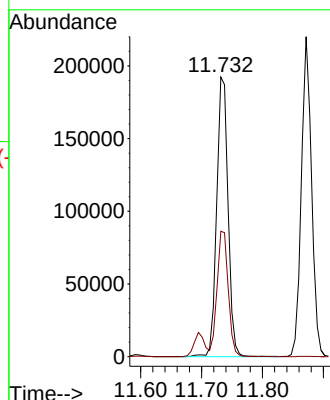
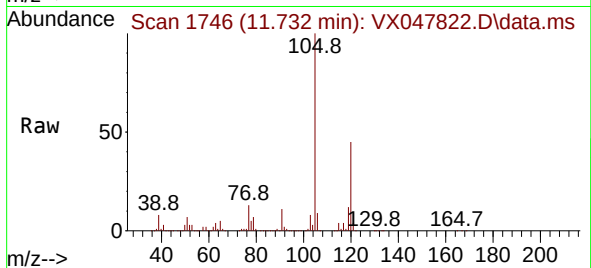
120 44.3 22.1 66.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#85

sec-Butylbenzene

Concen: 43.514 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX047822.D

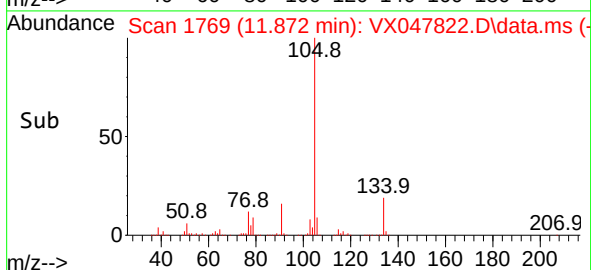
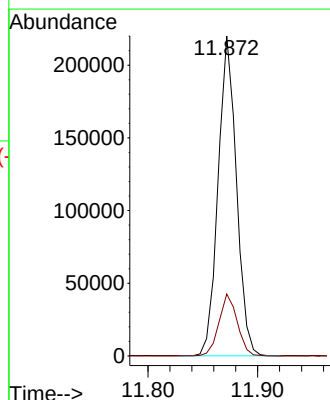
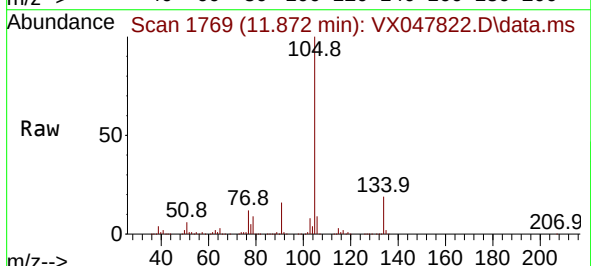
Acq: 25 Sep 2025 18:48

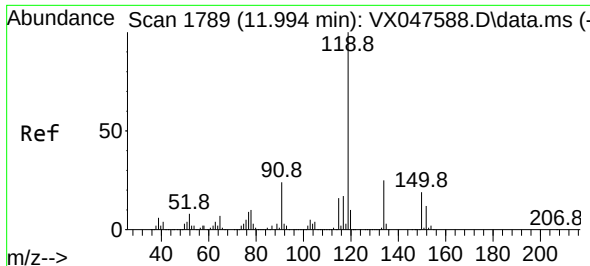
Tgt Ion:105 Resp: 255708

Ion Ratio Lower Upper

105 100

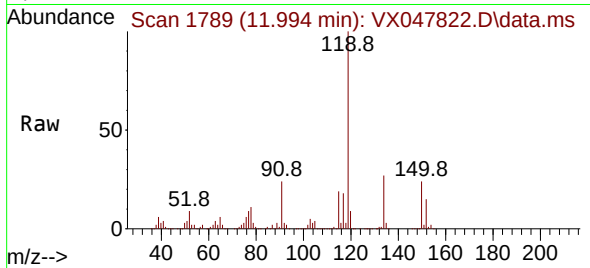
134 19.4 9.8 29.5





#86
p-Isopropyltoluene
Concen: 43.305 ug/l
RT: 11.994 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

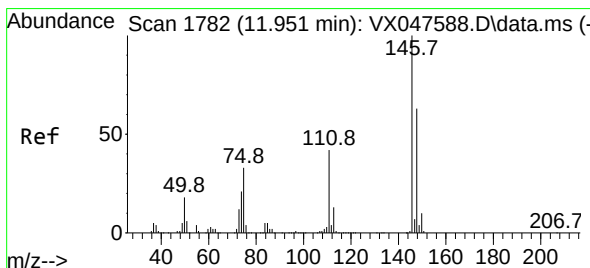
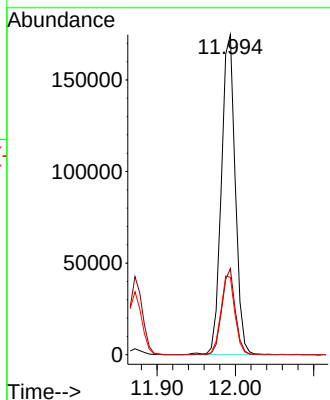
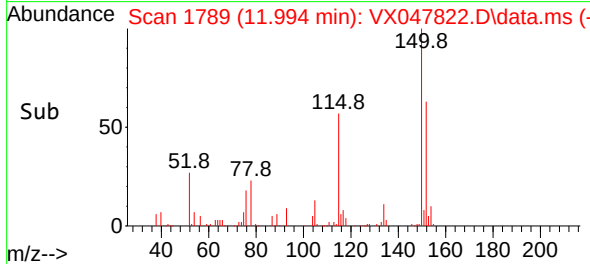
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



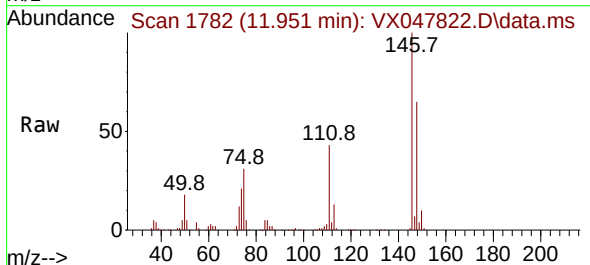
Tgt Ion:119 Resp: 21544
Ion Ratio Lower Upper
119 100
134 25.8 12.6 37.8
91 25.0 12.6 37.6

Manual Integrations
APPROVED

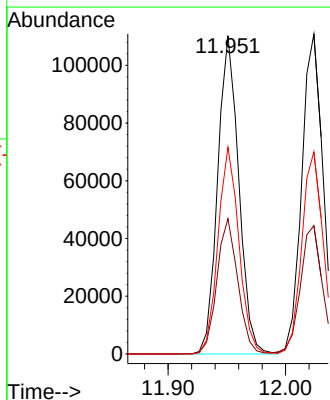
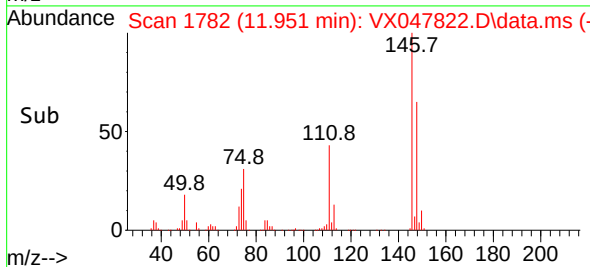
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

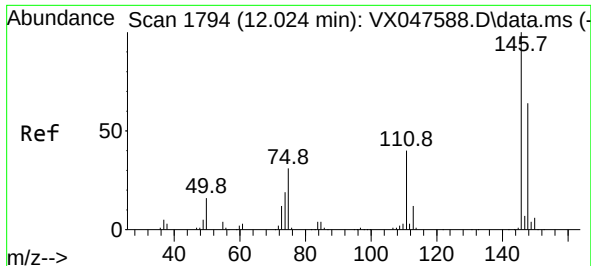


#87
1,3-Dichlorobenzene
Concen: 51.144 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



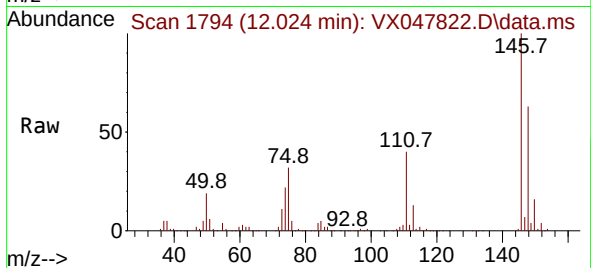
Tgt Ion:146 Resp: 137631
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 64.5 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 50.819 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

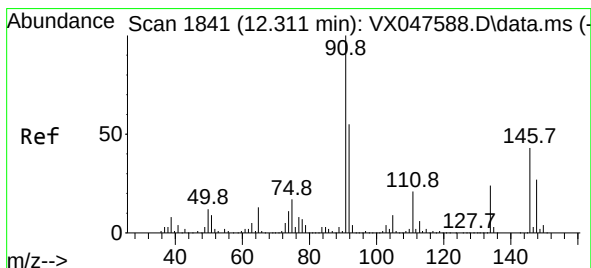
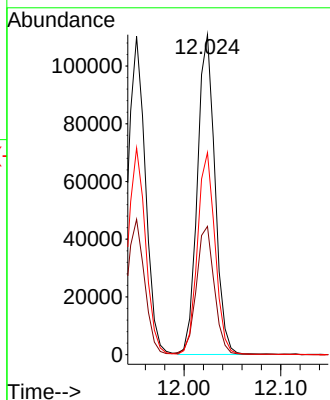
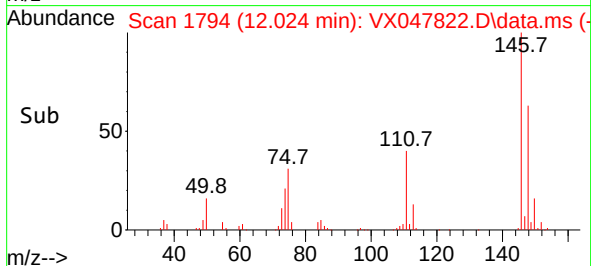
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



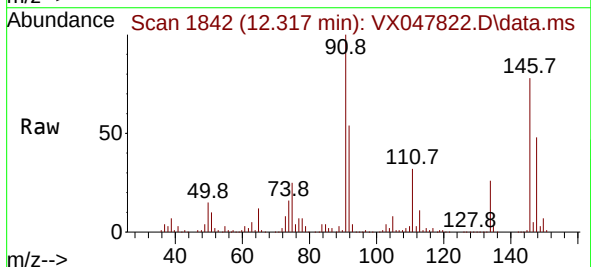
Tgt Ion:146 Resp: 140359
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.4
148 63.6 31.7 95.1

Manual Integrations
APPROVED

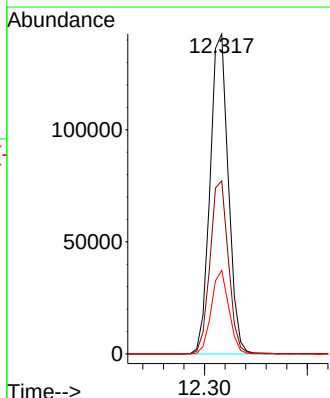
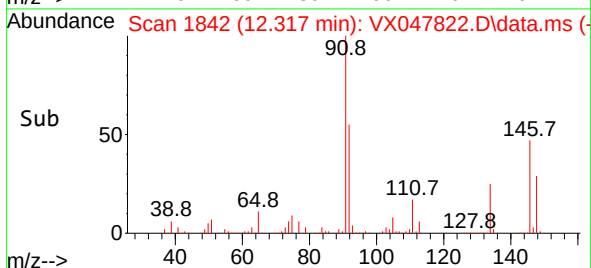
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

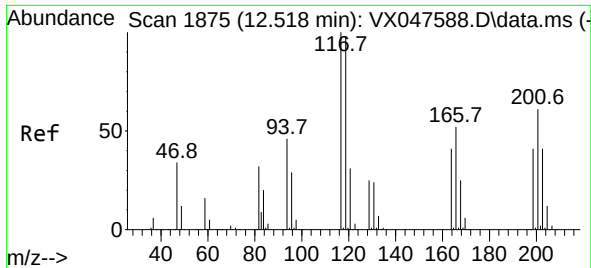


#89
n-Butylbenzene
Concen: 38.126 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



Tgt Ion: 91 Resp: 175511
Ion Ratio Lower Upper
91 100
92 54.5 27.6 82.7
134 25.2 12.6 37.8





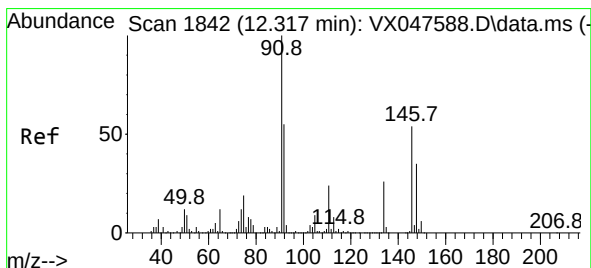
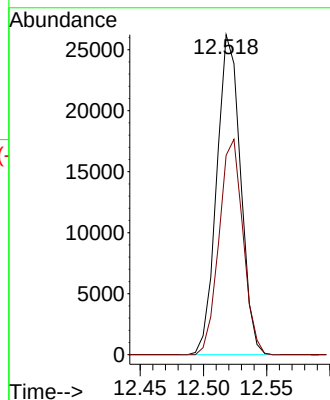
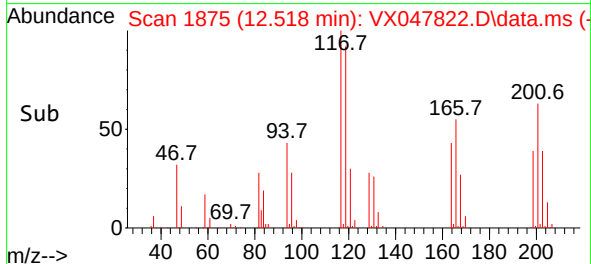
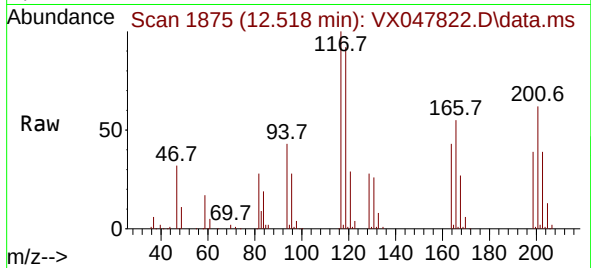
#90
Hexachloroethane
Concen: 39.259 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD

Tgt Ion:117 Resp: 34292
Ion Ratio Lower Upper
117 100
201 67.7 34.2 102.5

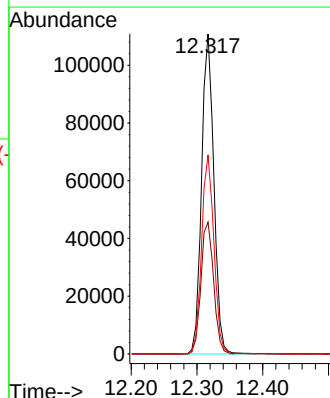
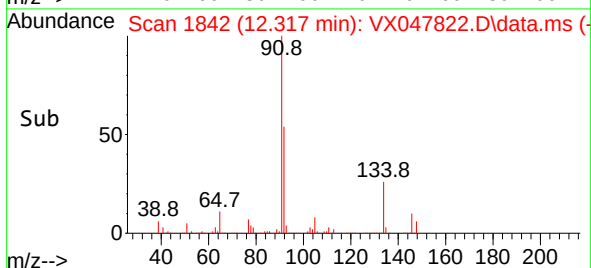
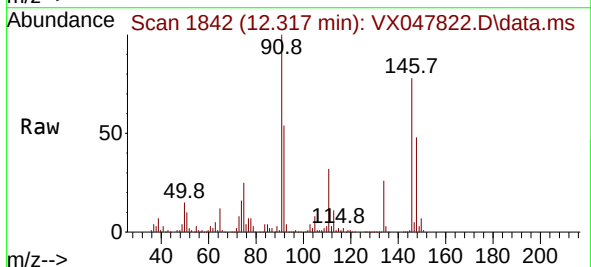
Manual Integrations
APPROVED

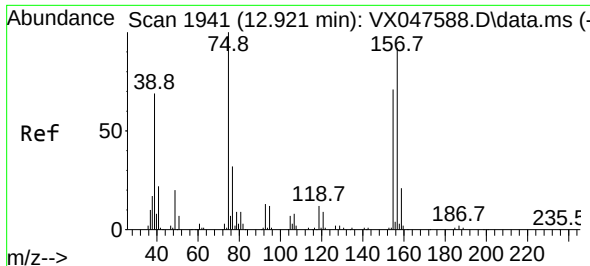
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#91
1,2-Dichlorobenzene
Concen: 55.941 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

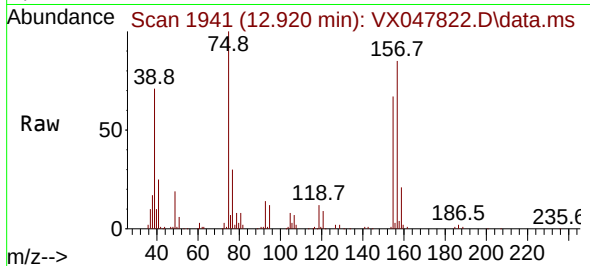
Tgt Ion:146 Resp: 143420
Ion Ratio Lower Upper
146 100
111 42.7 22.2 66.6
148 62.3 31.8 95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 68.682 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

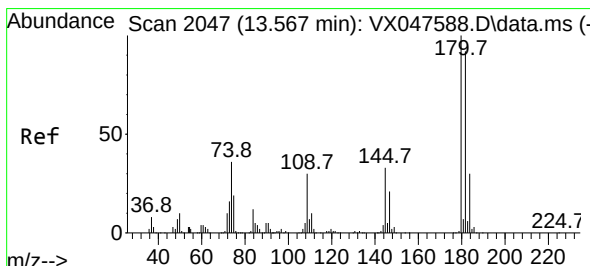
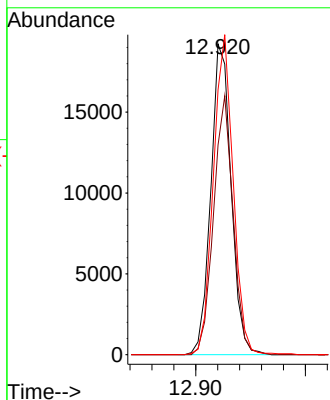
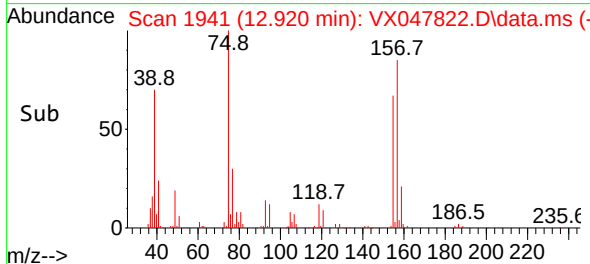
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD



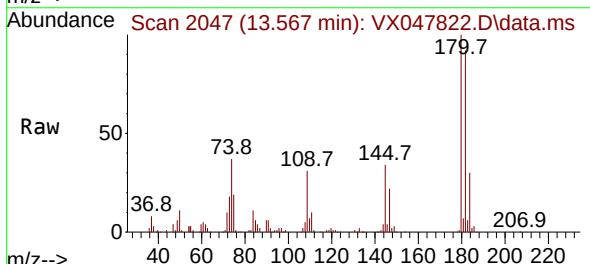
Tgt Ion: 75 Resp: 24748
Ion Ratio Lower Upper
75 100
155 80.3 37.7 113.1
157 100.9 49.8 149.4

Manual Integrations
APPROVED

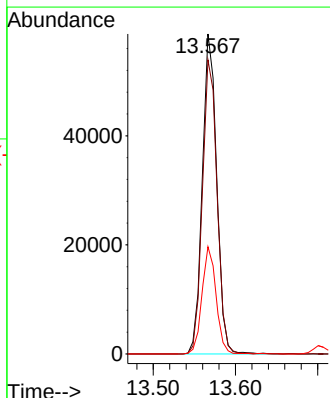
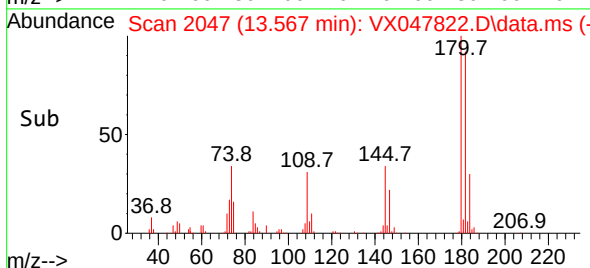
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

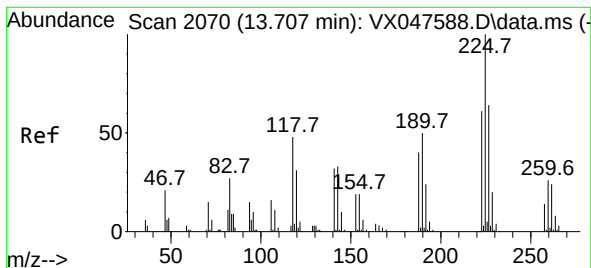


#93
1,2,4-Trichlorobenzene
Concen: 42.831 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48



Tgt Ion:180 Resp: 71365
Ion Ratio Lower Upper
180 100
182 93.4 46.6 139.8
145 32.8 16.4 49.1





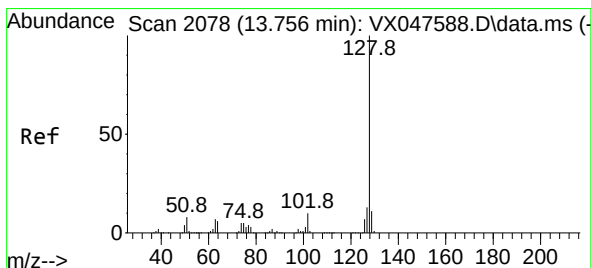
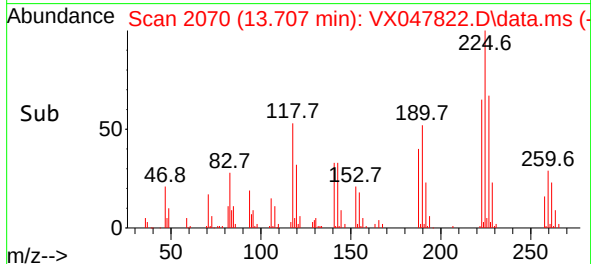
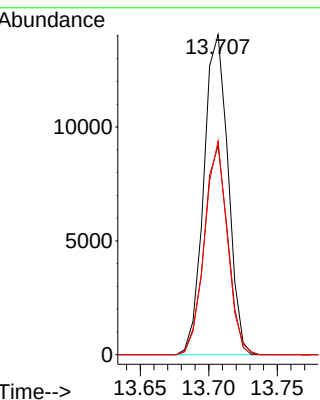
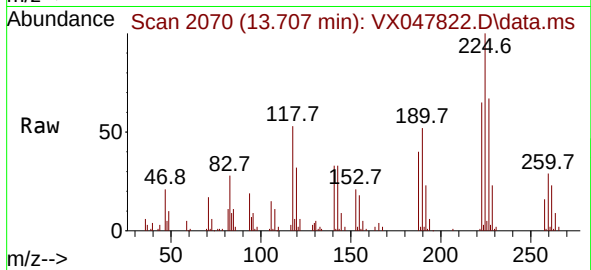
#94
Hexachlorobutadiene
Concen: 30.582 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MSD

Tgt Ion:225 Resp: 17308
Ion Ratio Lower Upper
225 100
223 63.2 31.7 95.1
227 62.9 32.0 96.0

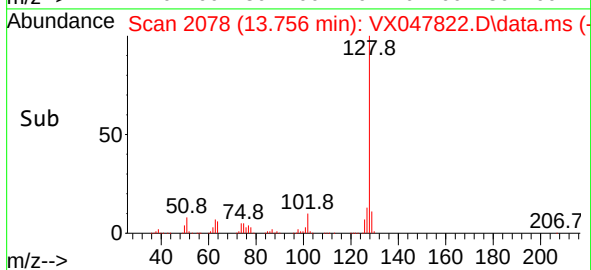
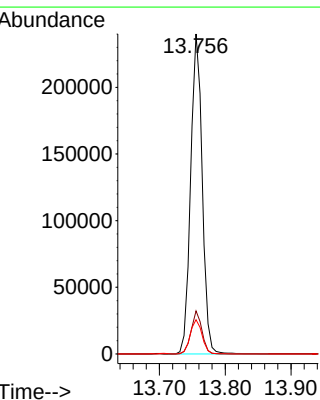
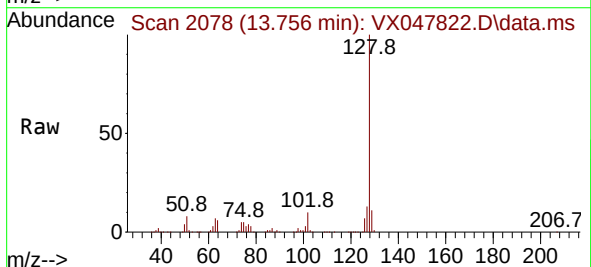
Manual Integrations
APPROVED

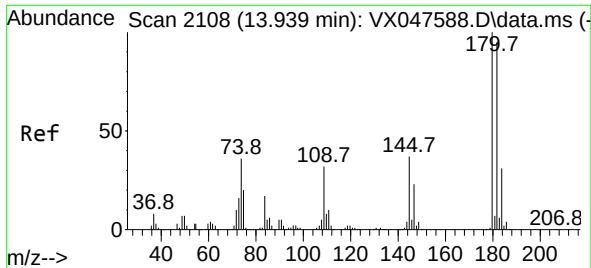
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#95
Naphthalene
Concen: 57.972 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047822.D
Acq: 25 Sep 2025 18:48

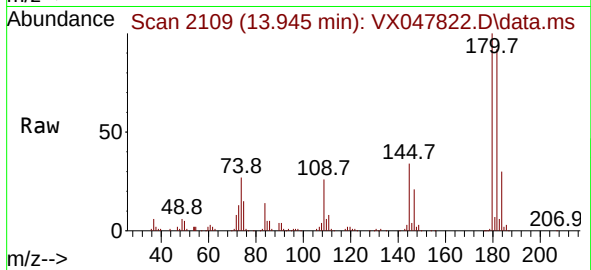
Tgt Ion:128 Resp: 294138
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.300 ug/l
 RT: 13.945 min Scan# 2109
 Delta R.T. 0.006 min
 Lab File: VX047822.D
 Acq: 25 Sep 2025 18:48

Instrument : MSVOA_X
 ClientSampleId : BP-VPB-184-GW-320-322MSD



Tgt Ion:180 Resp: 74862
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.6 142.8
 145 35.0 17.9 53.7

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

