

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047821.D
 Acq On : 25 Sep 2025 18:27
 Operator : JC/MD
 Sample : Q3165-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Sep 26 01:33:24 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	5.538	168	135494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	257414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122958	57.011	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.020%			
35) Dibromofluoromethane	5.373	113	91891	53.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.460%			
50) Toluene-d8	8.635	98	302587	50.655	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.300%			
62) 4-Bromofluorobenzene	11.061	95	120831	53.298	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	76674	54.648	ug/l	99
3) Chloromethane	1.301	50	98626	53.485	ug/l	99
4) Vinyl Chloride	1.380	62	98020	54.302	ug/l	98
5) Bromomethane	1.611	94	58949	51.501	ug/l	98
6) Chloroethane	1.697	64	63761	52.850	ug/l	99
7) Trichlorofluoromethane	1.898	101	138453	51.658	ug/l	99
8) Diethyl Ether	2.136	74	59720	54.470	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	76229	48.641	ug/l	98
10) Methyl Iodide	2.459	142	108557	44.415	ug/l	99
11) Tert butyl alcohol	2.947	59	60604	252.305	ug/l	99
12) 1,1-Dichloroethene	2.325	96	83445	51.835	ug/l	93
13) Acrolein	2.239	56	56296	254.331	ug/l	99
14) Allyl chloride	2.666	41	148087	44.579	ug/l	96
15) Acrylonitrile	3.062	53	268561	301.848	ug/l	98
16) Acetone	2.374	43	220972	235.641	ug/l	97
17) Carbon Disulfide	2.520	76	227641	51.654	ug/l	99
18) Methyl Acetate	2.703	43	86796	41.590	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	308529	52.502	ug/l	98
20) Methylene Chloride	2.788	84	104383	52.587	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	92664	53.465	ug/l	96
22) Diisopropyl ether	3.757	45	342075	53.134	ug/l	89
23) Vinyl Acetate	3.715	43	915403	177.660	ug/l	100
24) 1,1-Dichloroethane	3.611	63	182666	53.383	ug/l	98
25) 2-Butanone	4.544	43	319667	273.284	ug/l	99
26) 2,2-Dichloropropane	4.471	77	45951	16.155	ug/l	85
27) cis-1,2-Dichloroethene	4.483	96	110970	52.282	ug/l	92
28) Bromochloromethane	4.891	49	84490	56.559	ug/l	100
29) Tetrahydrofuran	4.995	42	208037	295.642	ug/l	98
30) Chloroform	5.080	83	186106	53.822	ug/l	98
31) Cyclohexane	5.458	56	132989	46.664	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	148866	50.756	ug/l	98
36) 1,1-Dichloropropene	5.684	75	116268	46.090	ug/l	99
37) Ethyl Acetate	4.702	43	97367	36.048	ug/l	99
38) Carbon Tetrachloride	5.666	117	127279	46.438	ug/l	97
39) Methylcyclohexane	7.367	83	115594	40.368	ug/l	97
40) Benzene	6.025	78	380825	49.704	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	75954	54.471	ug/l	98
42) 1,2-Dichloroethane	6.074	62	141033	48.378	ug/l	97
43) Isopropyl Acetate	6.324	43	180870	40.830	ug/l	100
44) Trichloroethene	7.111	130	89220	48.166	ug/l	96
45) 1,2-Dichloropropane	7.415	63	98545	50.229	ug/l	100
46) Dibromomethane	7.568	93	71714	50.231	ug/l	97
47) Bromodichloromethane	7.806	83	147433	50.043	ug/l	97
48) Methyl methacrylate	7.677	41	109524	49.636	ug/l	96
49) 1,4-Dioxane	7.647	88	27656	1240.210	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	678398	276.211	ug/l	100
52) Toluene	8.702	92	230973	48.930	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	122223	40.672	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	131647	40.987	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	93726	51.493	ug/l	97
56) Ethyl methacrylate	9.104	69	147754	51.689	ug/l	95
57) 1,3-Dichloropropane	9.293	76	163602	52.323	ug/l	98
59) 2-Hexanone	9.415	43	466801	264.631	ug/l	98
60) Dibromochloromethane	9.506	129	107503	51.259	ug/l	100
61) 1,2-Dibromoethane	9.592	107	98261	53.001	ug/l	99
64) Tetrachloroethene	9.263	164	67359	42.420	ug/l	97
65) Chlorobenzene	10.061	112	252686	45.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	89761	47.007	ug/l	99
67) Ethyl Benzene	10.177	91	428505	44.879	ug/l	100
68) m/p-Xylenes	10.287	106	321516	90.470	ug/l	98
69) o-Xylene	10.628	106	156445	45.513	ug/l	99
70) Styrene	10.640	104	256077	42.517	ug/l	98
71) Bromoform	10.787	173	68186	47.822	ug/l #	100
73) Isopropylbenzene	10.945	105	392521	42.335	ug/l	99
74) N-amyl acetate	10.829	43	131747	31.160	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	135441	48.282	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	114963m	46.559	ug/l	
77) Bromobenzene	11.183	156	101115	44.279	ug/l	97
78) n-propylbenzene	11.287	91	457503	41.741	ug/l	100
79) 2-Chlorotoluene	11.348	91	287129	42.772	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	315443	41.410	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	28035	28.954	ug/l	98
82) 4-Chlorotoluene	11.439	91	334200	42.152	ug/l	99
83) tert-Butylbenzene	11.695	119	326392	41.856	ug/l	98
84) 1,2,4-Trimethylbenzene	11.738	105	321947	41.687	ug/l	100
85) sec-Butylbenzene	11.872	105	376069	40.602	ug/l	100
86) p-Isopropyltoluene	11.994	119	311233	39.690	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	179265	42.264	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	183970	42.260	ug/l	99
89) n-Butylbenzene	12.317	91	270965	37.344	ug/l	99
90) Hexachloroethane	12.518	117	58360	42.390	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	178993	44.295	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.927	75	26343	46.383	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	102648	39.085	ug/l	100
94) Hexachlorobutadiene	13.707	225	28659	32.127	ug/l	100
95) Naphthalene	13.756	128	354407	44.317	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	100379	41.089	ug/l	99

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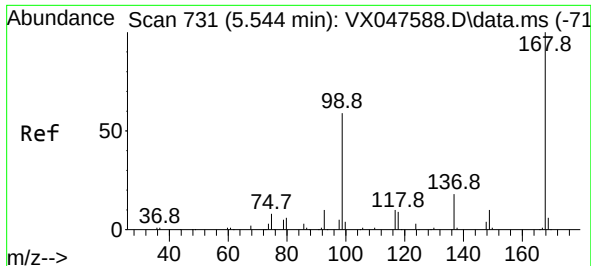
Manual Integrations
APPROVED

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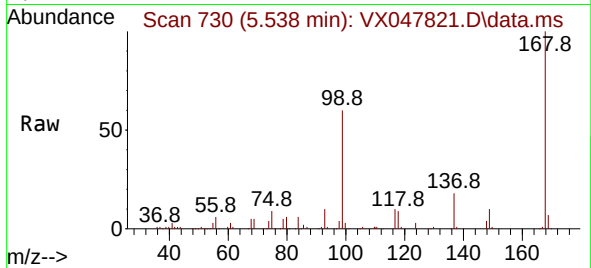
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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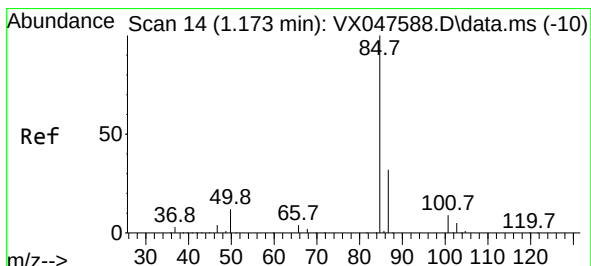
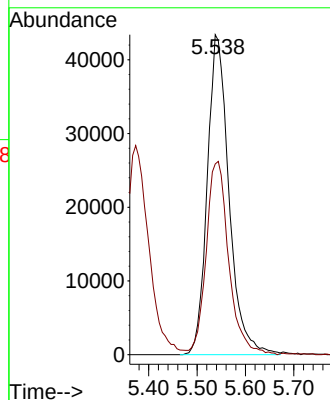
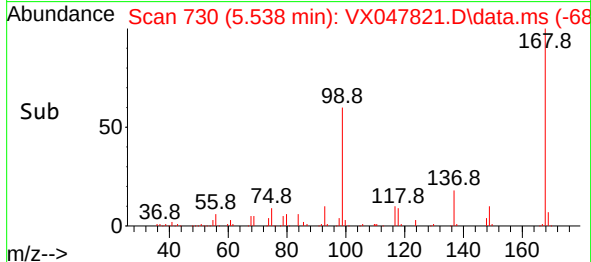
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion:168 Resp: 135494
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2

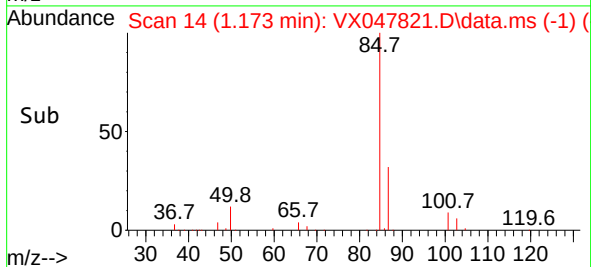
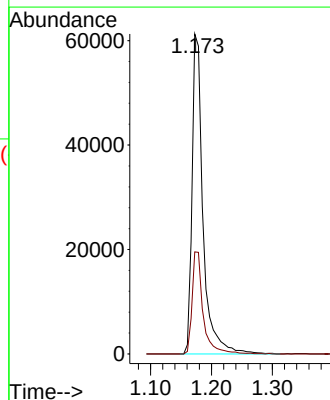
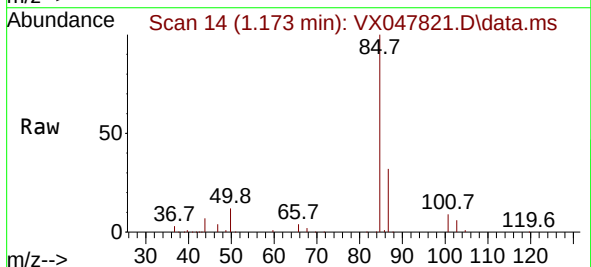
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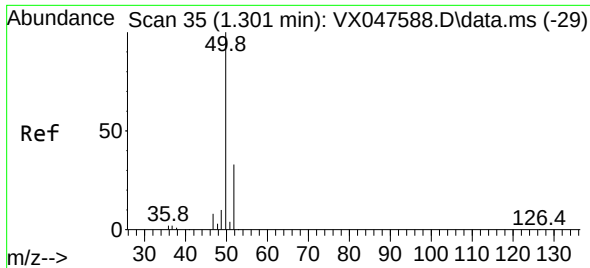
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#2
Dichlorodifluoromethane
Concen: 54.648 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

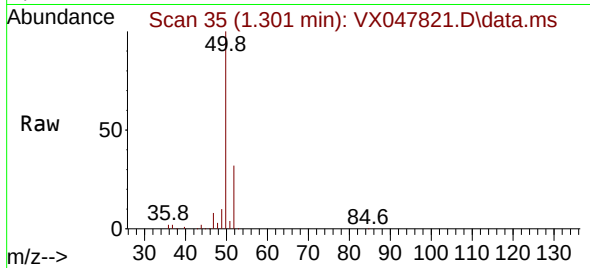
Tgt Ion: 85 Resp: 76674
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.3





#3
Chloromethane
Concen: 53.485 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

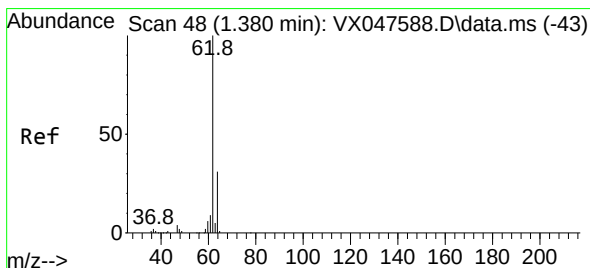
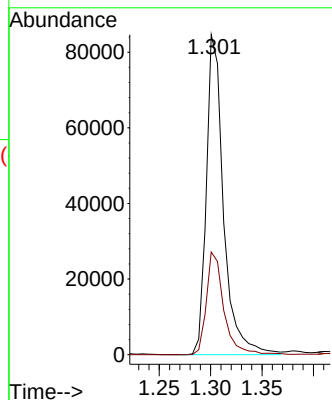
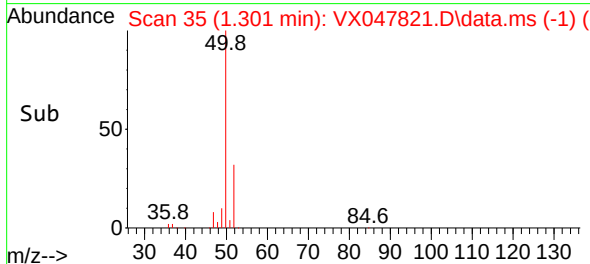
Instrument :
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Tgt Ion: 50 Resp: 98620
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1

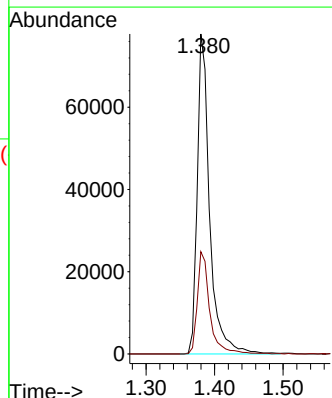
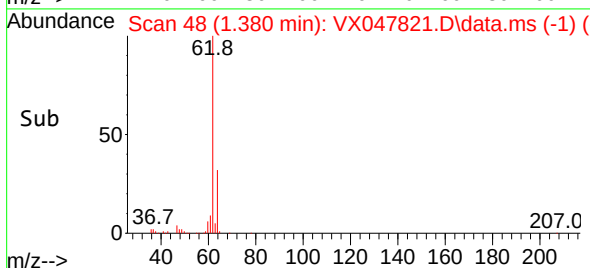
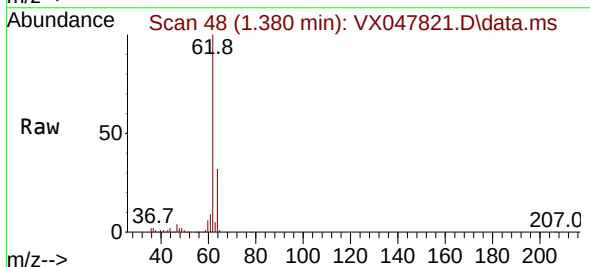
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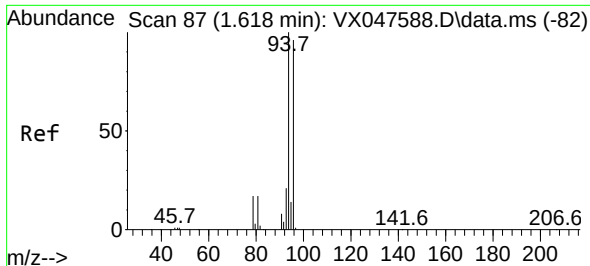
Reviewed By :John Carlone 09/26/2025
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#4
Vinyl Chloride
Concen: 54.302 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

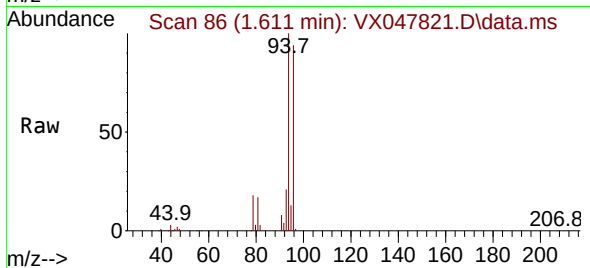
Tgt Ion: 62 Resp: 98020
Ion Ratio Lower Upper
62 100
64 32.0 24.9 37.3





#5
Bromomethane
Concen: 51.501 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047821.D
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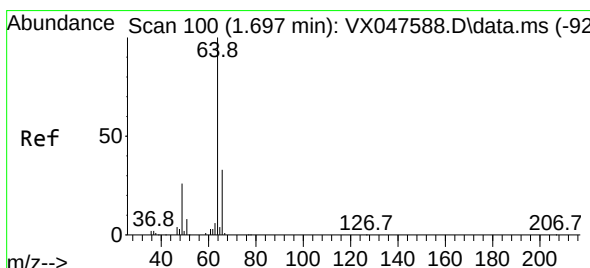
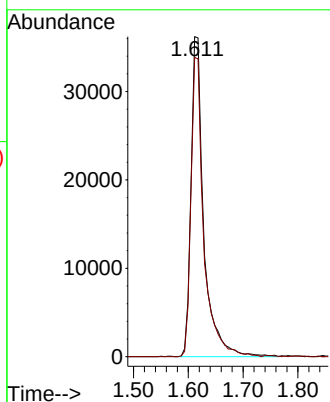
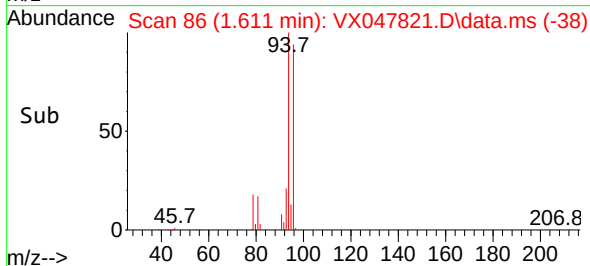
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Tgt Ion: 94 Resp: 58949
Ion Ratio Lower Upper
94 100
96 93.5 76.6 115.0

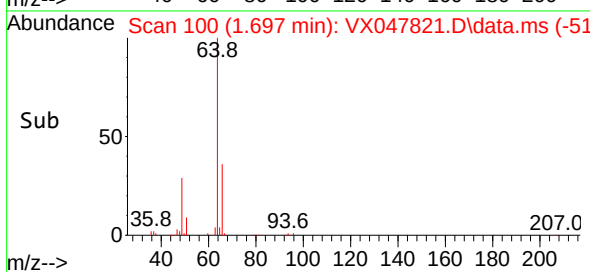
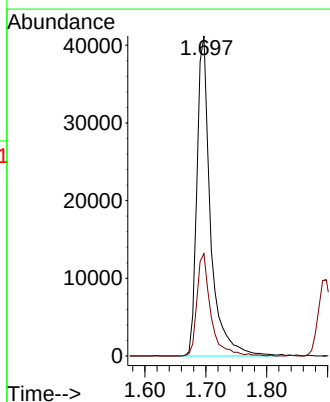
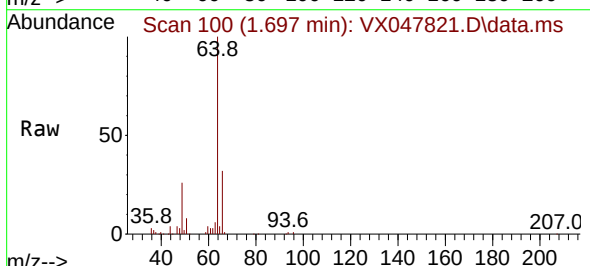
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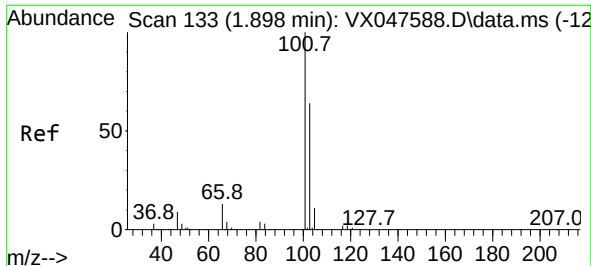
Reviewed By :John Carlone 09/26/2025
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#6
Chloroethane
Concen: 52.850 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
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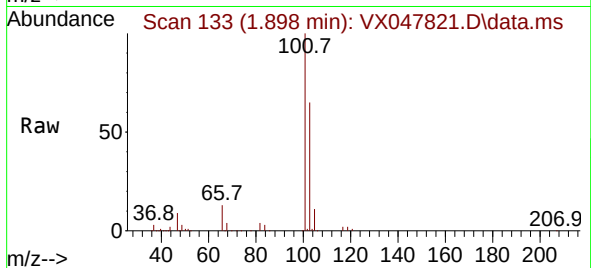
Tgt Ion: 64 Resp: 63761
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1





#7
Trichlorofluoromethane
Concen: 51.658 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047821.D
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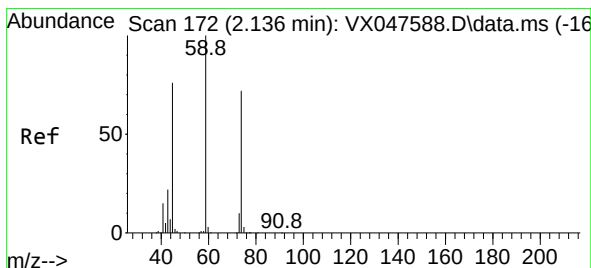
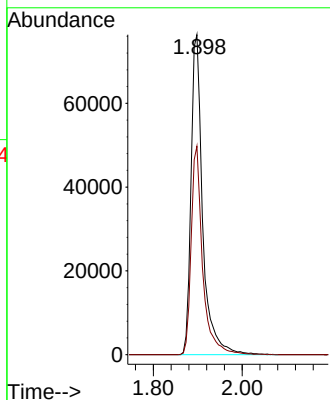
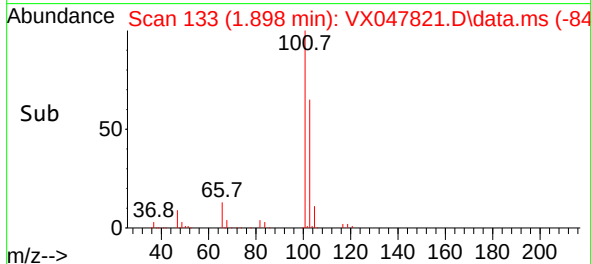
Instrument :
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Tgt Ion:101 Resp: 13845
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

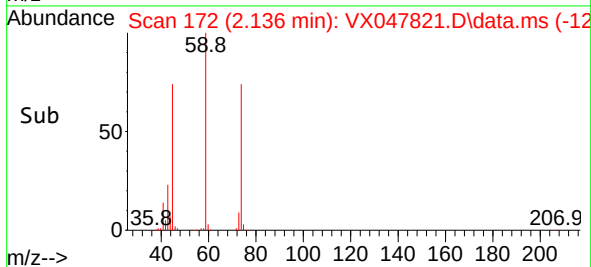
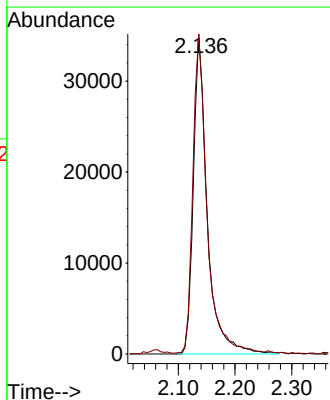
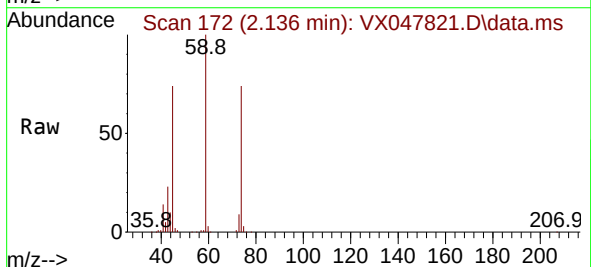
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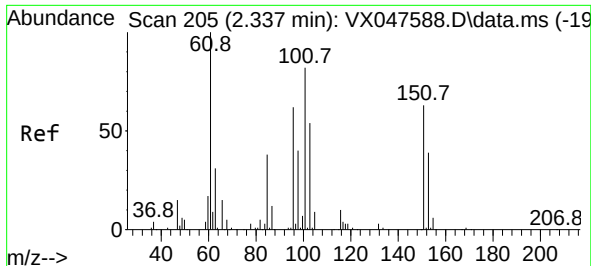
Reviewed By :John Carlone 09/26/2025
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#8
Diethyl Ether
Concen: 54.470 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 59720
Ion Ratio Lower Upper
74 100
45 101.3 52.3 156.8





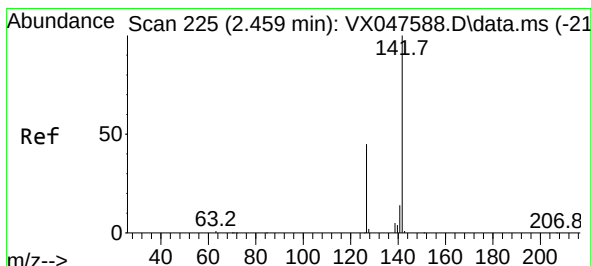
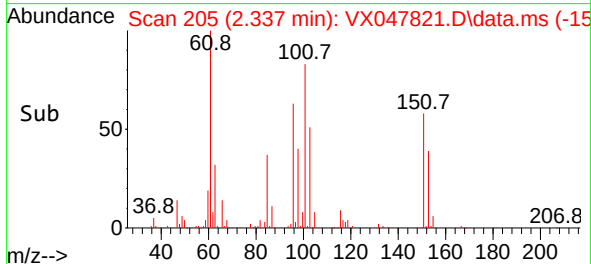
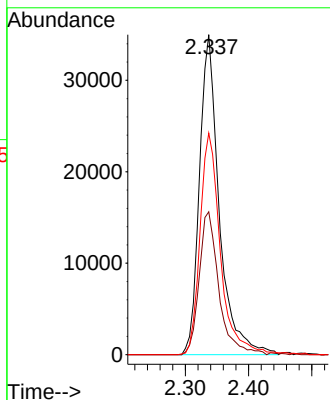
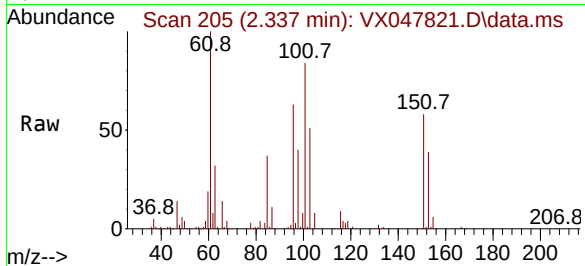
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.641 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

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

Tgt Ion:101 Resp: 76229
Ion Ratio Lower Upper
101 100
85 44.5 35.5 53.3
151 71.8 59.4 89.0

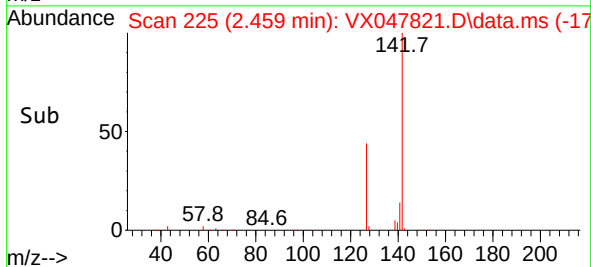
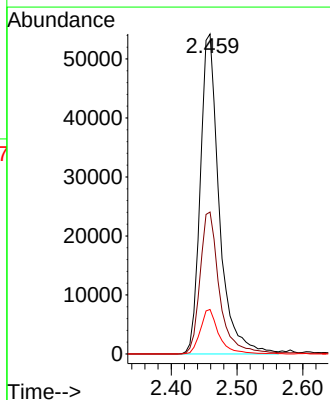
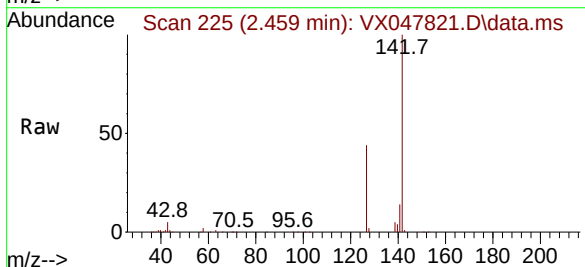
Manual Integrations
APPROVED

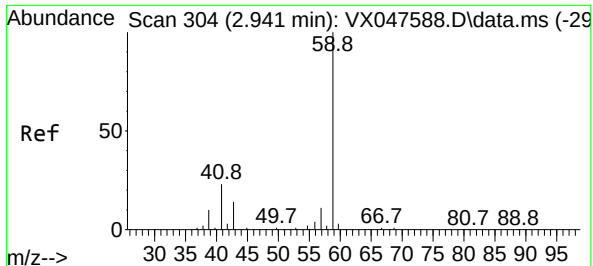
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#10
Methyl Iodide
Concen: 44.415 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

Tgt Ion:142 Resp: 108557
Ion Ratio Lower Upper
142 100
127 46.1 37.2 55.8
141 13.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 252.305 ug/l

RT: 2.947 min Scan# 304

Delta R.T. 0.006 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS

Tgt Ion: 59 Resp: 60604

Ion Ratio Lower Upper

59 100

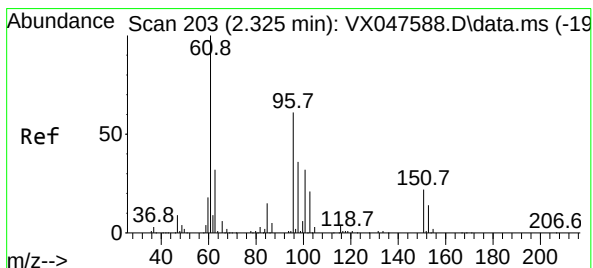
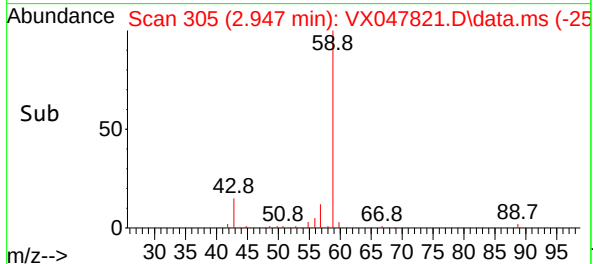
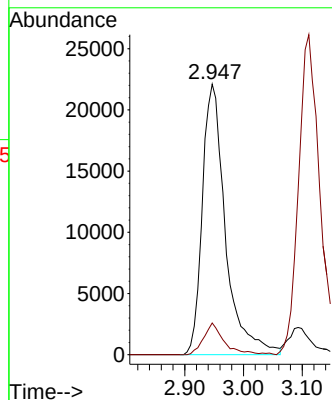
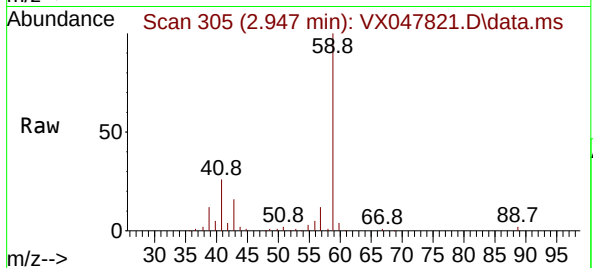
57 10.2 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#12

1,1-Dichloroethene

Concen: 51.835 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

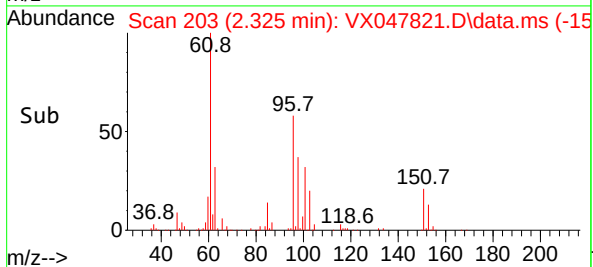
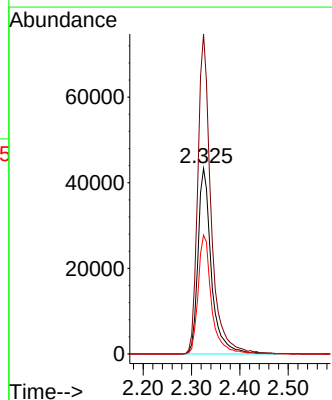
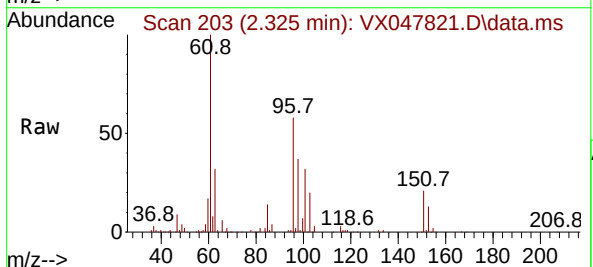
Tgt Ion: 96 Resp: 83445

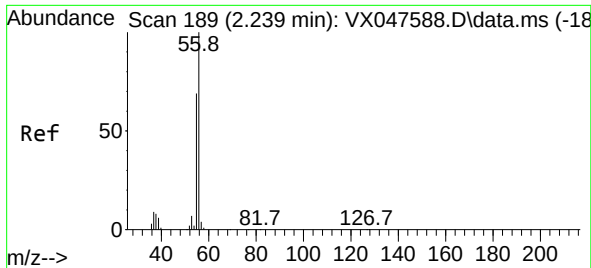
Ion Ratio Lower Upper

96 100

61 172.4 131.0 196.6

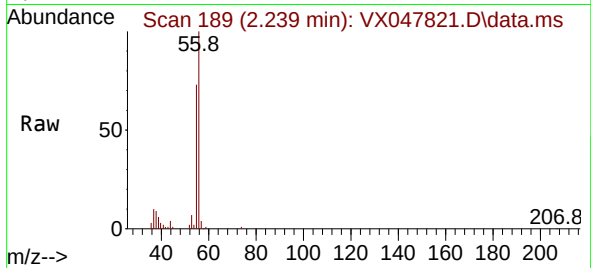
98 66.3 47.7 71.5





#13
Acrolein
Concen: 254.331 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

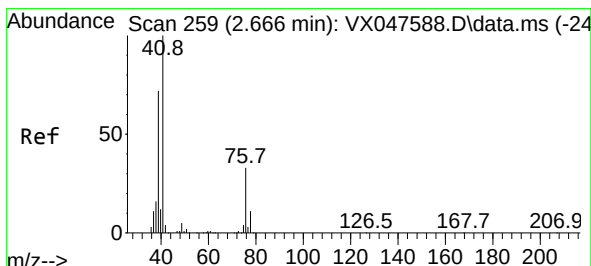
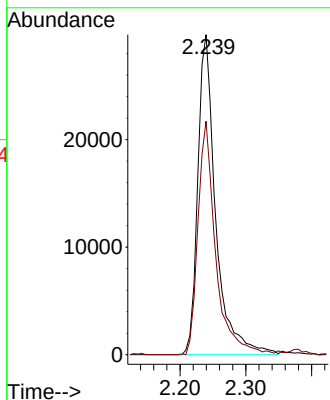
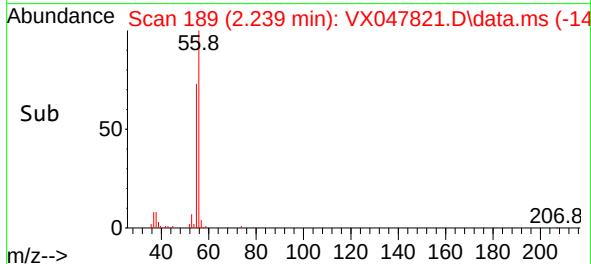
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



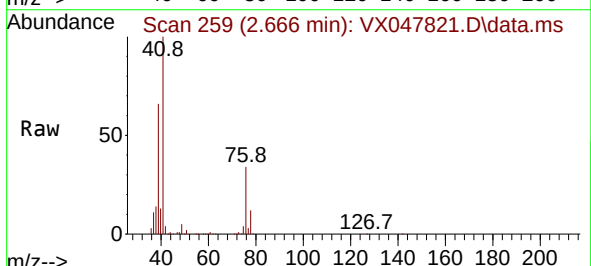
Tgt Ion: 56 Resp: 56290
Ion Ratio Lower Upper
56 100
55 72.2 57.2 85.8

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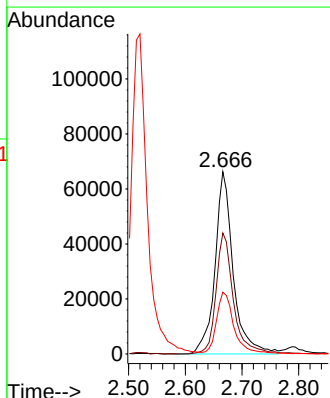
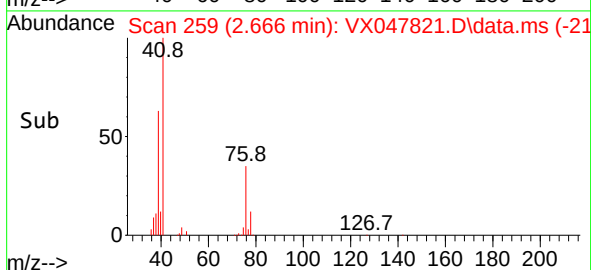
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

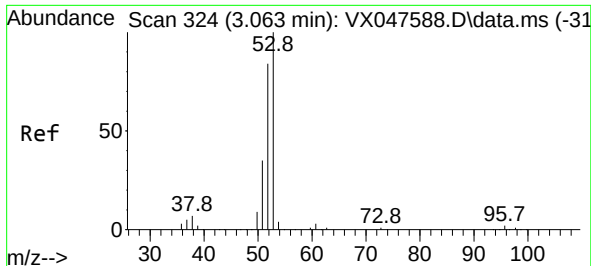


#14
Allyl chloride
Concen: 44.579 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



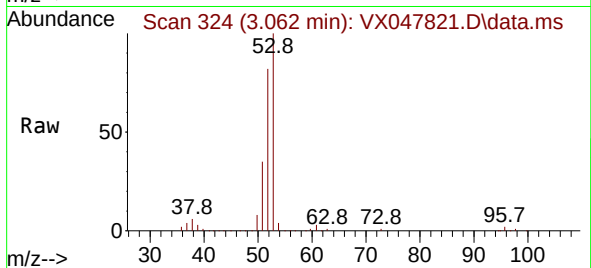
Tgt Ion: 41 Resp: 148087
Ion Ratio Lower Upper
41 100
39 63.8 54.7 82.1
76 32.1 25.7 38.5





#15
Acrylonitrile
Concen: 301.848 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

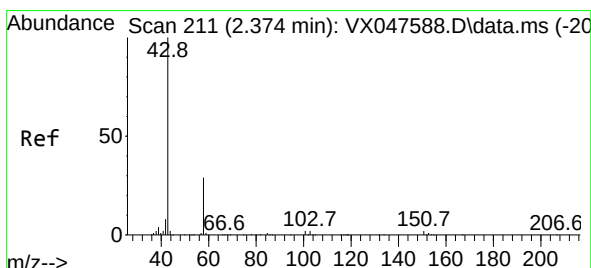
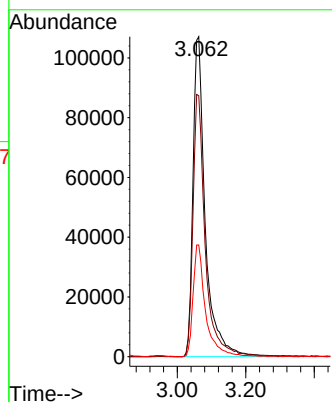
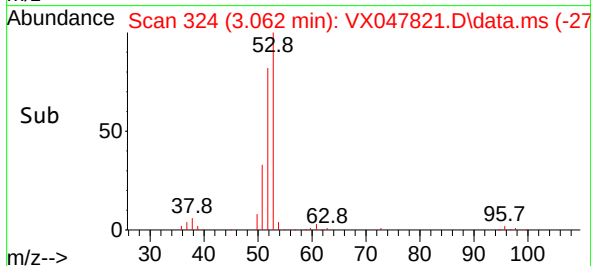
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion: 53 Resp: 26856
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 35.5 29.5 44.3

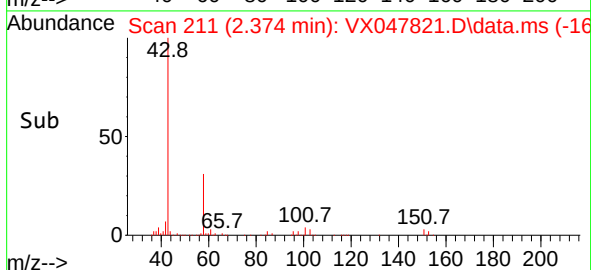
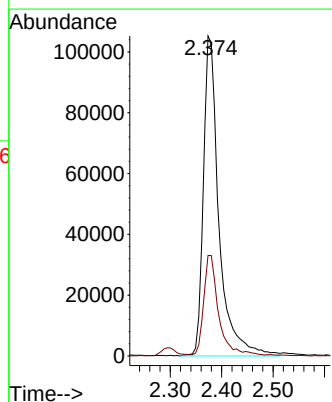
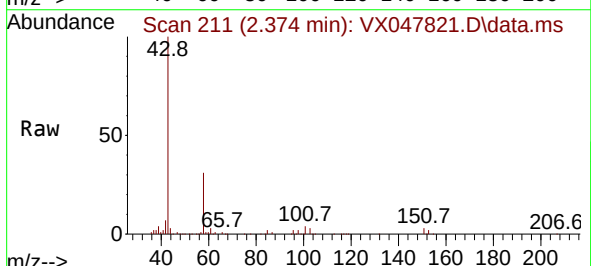
Manual Integrations
APPROVED

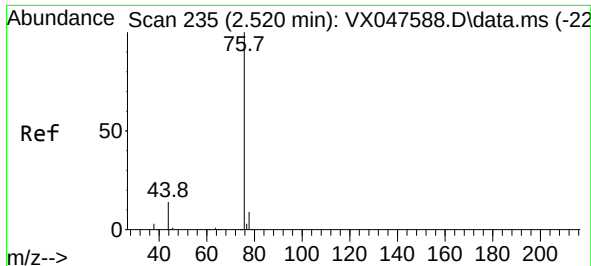
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#16
Acetone
Concen: 235.641 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

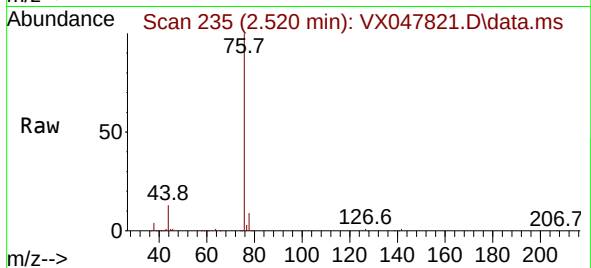
Tgt Ion: 43 Resp: 220972
Ion Ratio Lower Upper
43 100
58 31.1 23.4 35.0





#17
Carbon Disulfide
Concen: 51.654 ug/l
RT: 2.520 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

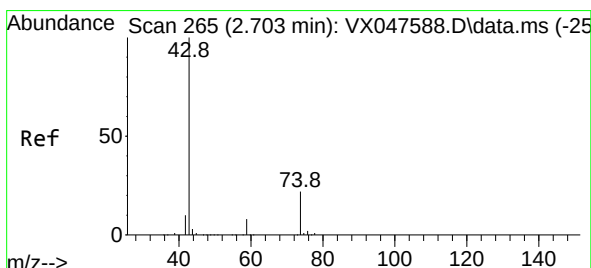
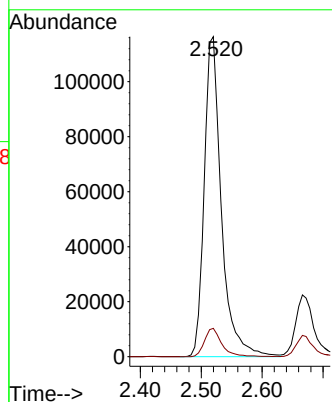
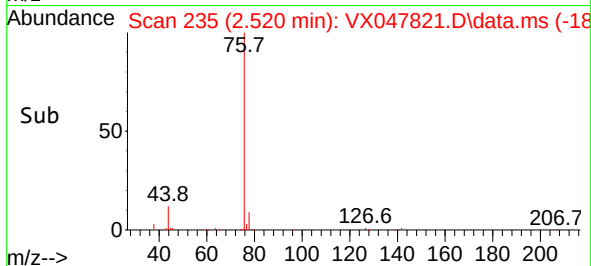
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



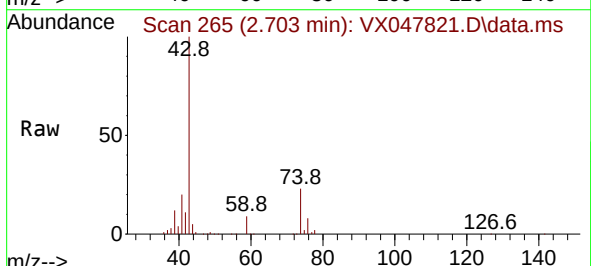
Tgt Ion: 76 Resp: 22764
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

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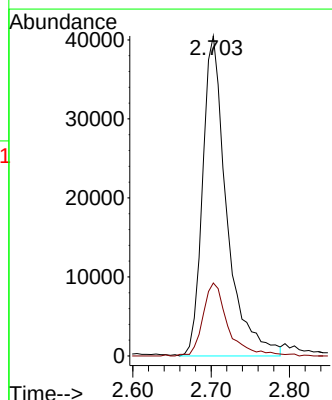
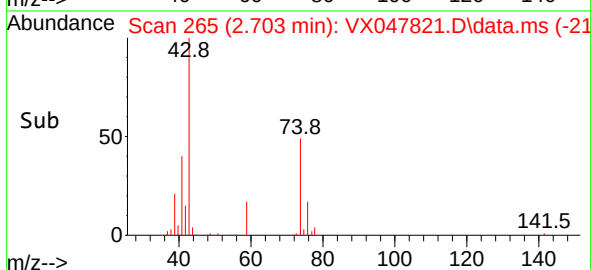
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

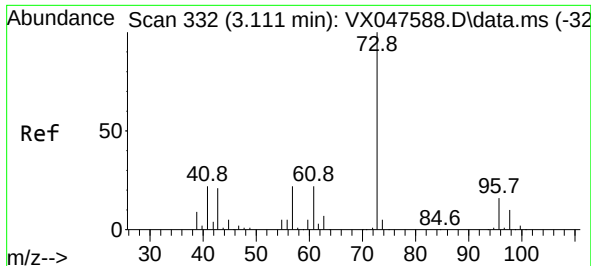


#18
Methyl Acetate
Concen: 41.590 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



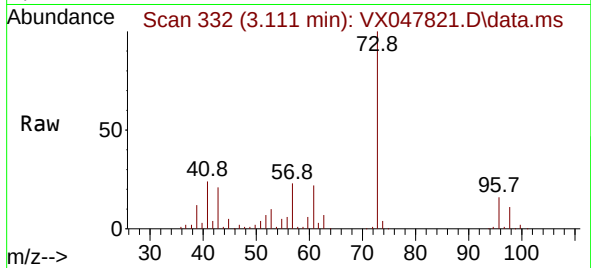
Tgt Ion: 43 Resp: 86796
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 52.502 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

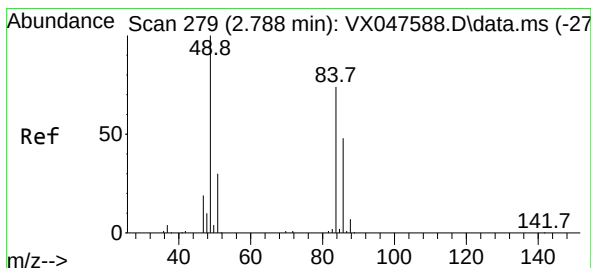
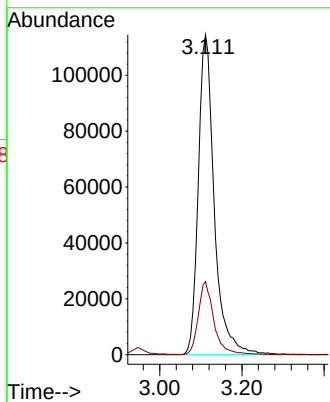
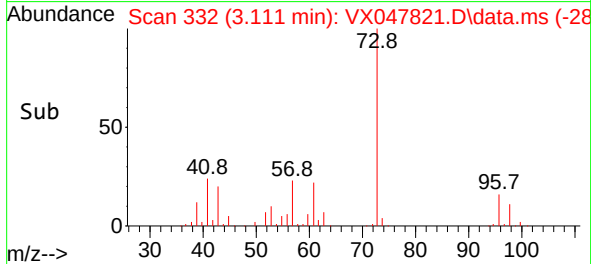
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion: 73 Resp: 308529
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2

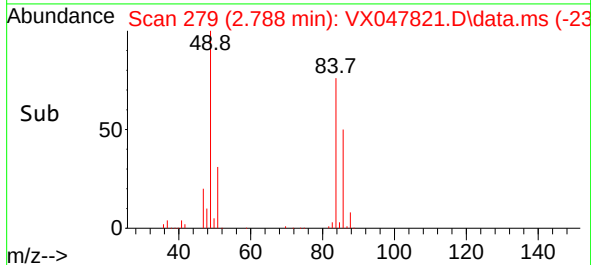
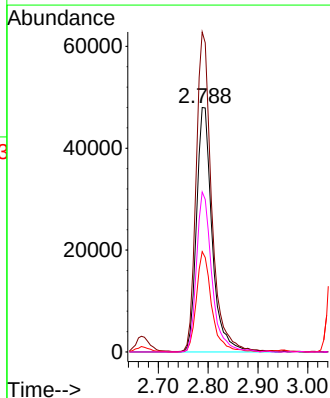
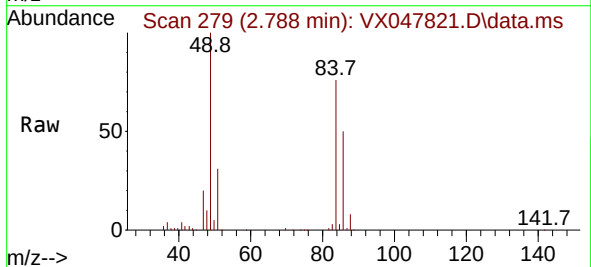
Manual Integrations
APPROVED

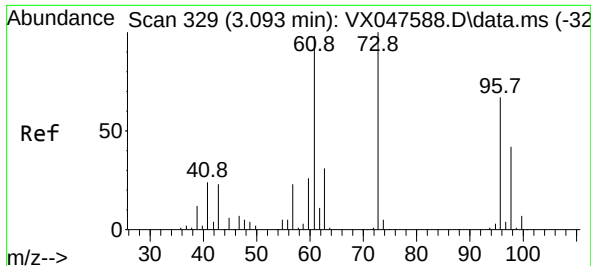
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#20
Methylene Chloride
Concen: 52.587 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

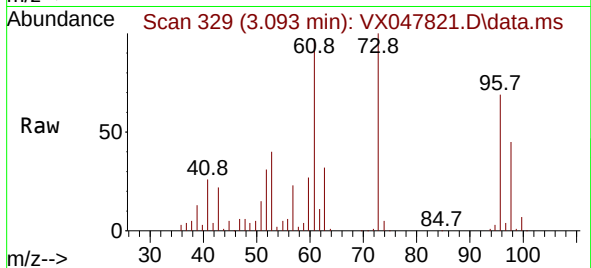
Tgt Ion: 84 Resp: 104383
Ion Ratio Lower Upper
84 100
49 130.7 108.6 162.8
51 41.0 32.6 48.8
86 65.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 53.465 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

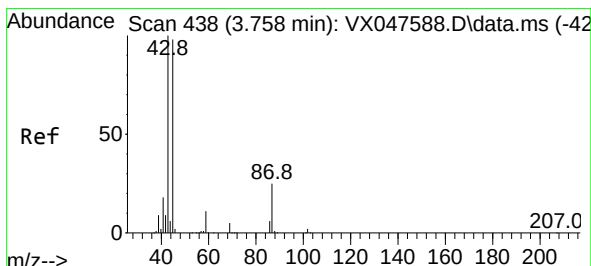
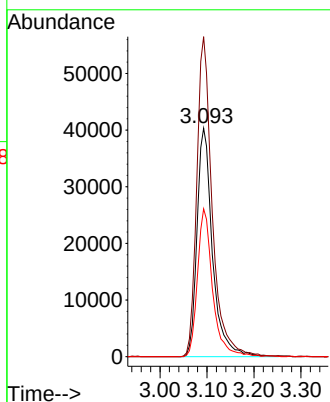
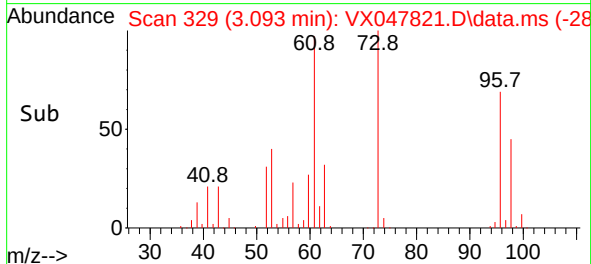
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



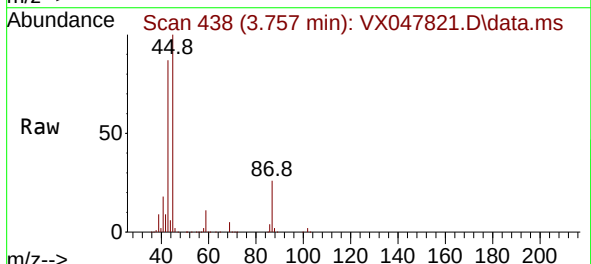
Tgt Ion: 96 Resp: 92664
Ion Ratio Lower Upper
96 100
61 140.0 116.2 174.2
98 64.7 49.3 73.9

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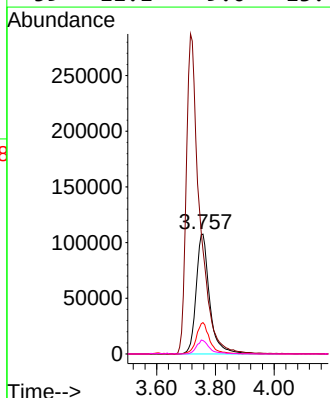
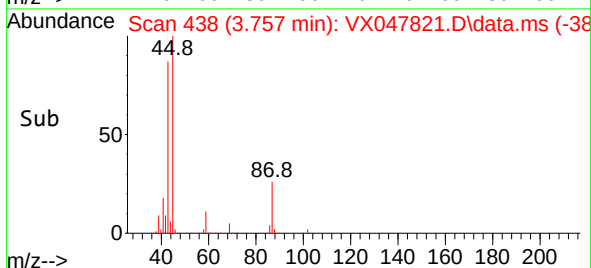
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

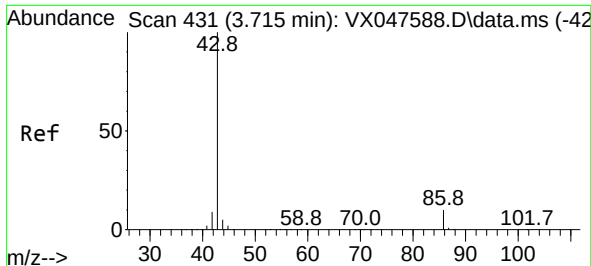


#22
Diisopropyl ether
Concen: 53.134 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



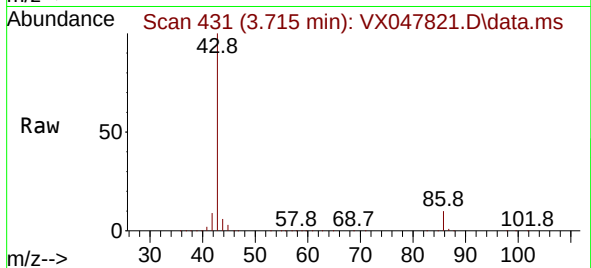
Tgt Ion: 45 Resp: 342075
Ion Ratio Lower Upper
45 100
43 86.3 81.0 121.4
87 26.2 20.3 30.5
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 177.660 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047821.D
 Acq: 25 Sep 2025 18:27

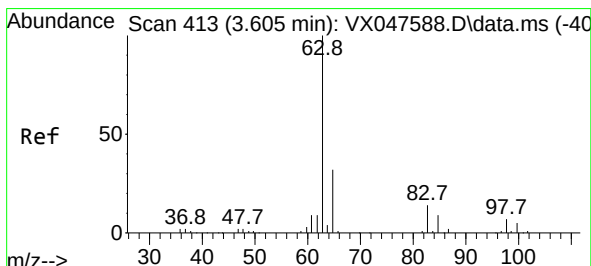
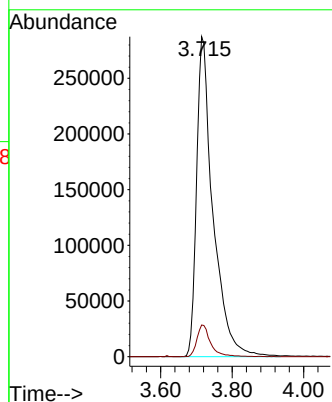
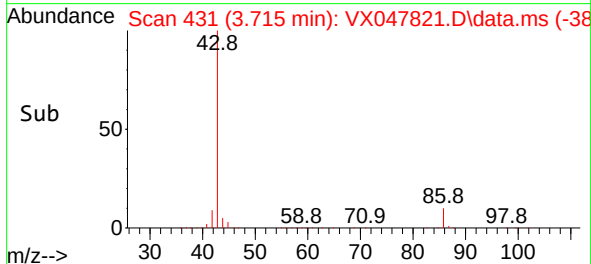
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-320-322MS



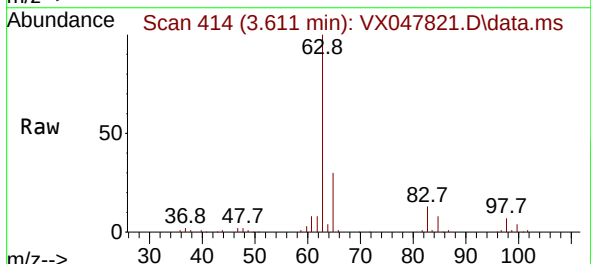
Tgt Ion: 43 Resp: 91540
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

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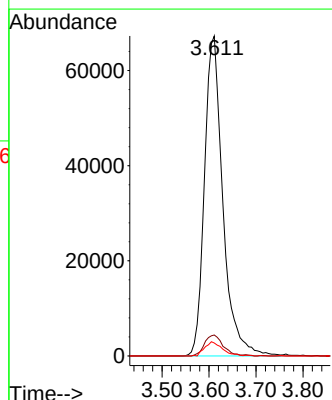
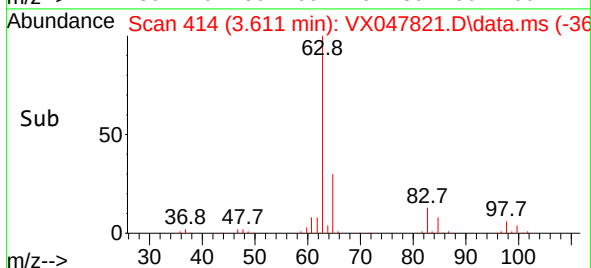
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

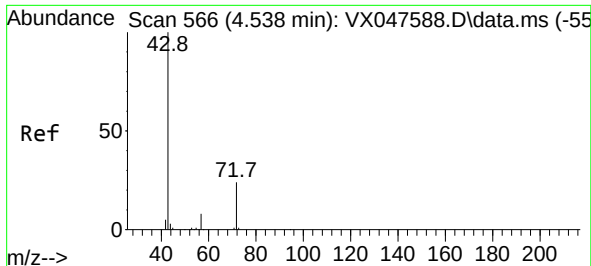


#24
 1,1-Dichloroethane
 Concen: 53.383 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX047821.D
 Acq: 25 Sep 2025 18:27



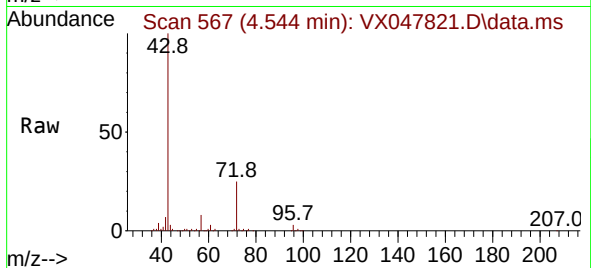
Tgt Ion: 63 Resp: 182666
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 4.1 2.3 6.9





#25
2-Butanone
Concen: 273.284 ug/l
RT: 4.544 min Scan# 566
Delta R.T. 0.006 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

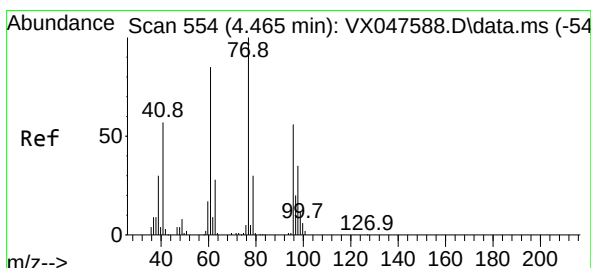
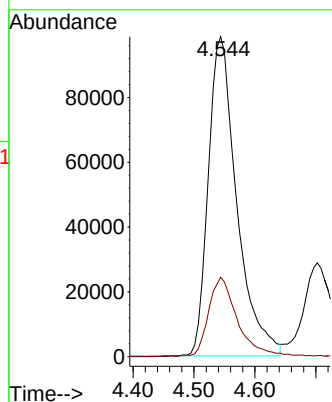
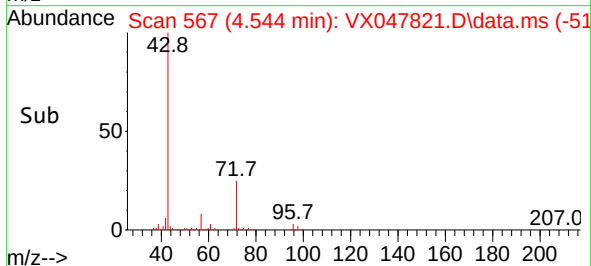
Instrument :
MSVOA_X
Client Sample Id :
BP-VPB-184-GW-320-322MS



Tgt Ion: 43 Resp: 31966
Ion Ratio Lower Upper
43 100
72 24.6 20.1 30.1

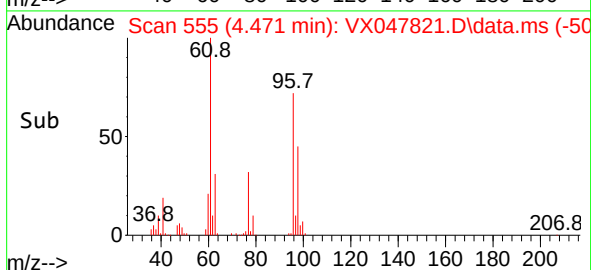
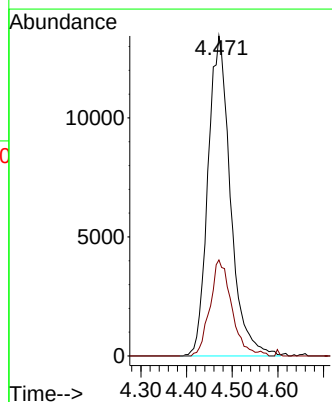
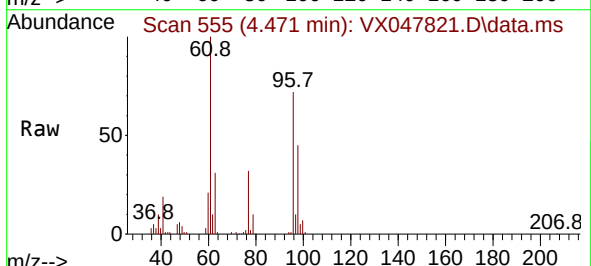
Manual Integrations
APPROVED

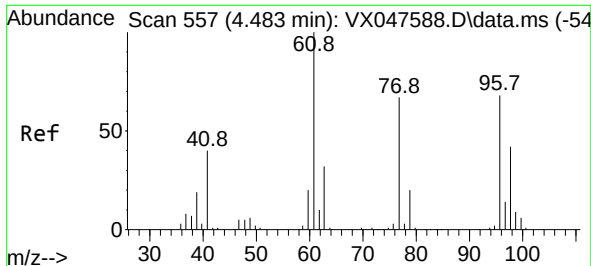
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#26
2,2-Dichloropropane
Concen: 16.155 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

Tgt Ion: 77 Resp: 45951
Ion Ratio Lower Upper
77 100
97 29.1 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.282 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX047821.D

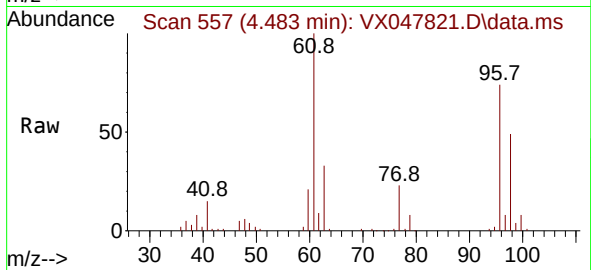
Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS



Tgt Ion: 96 Resp: 110970

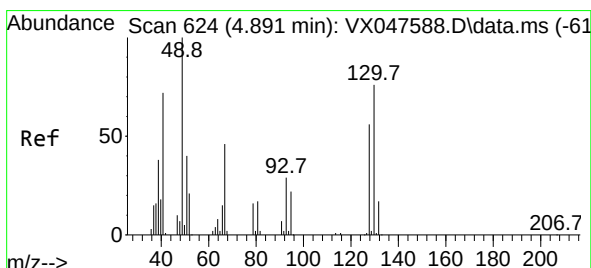
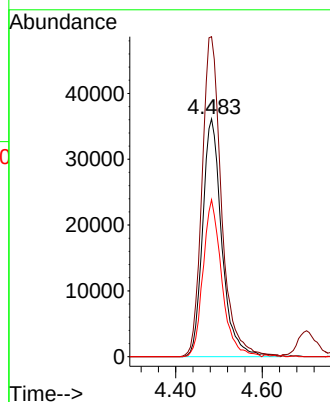
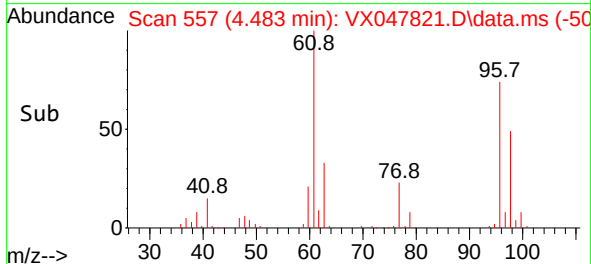
Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	303.2
98	64.4	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#28

Bromochloromethane

Concen: 56.559 ug/l

RT: 4.891 min Scan# 624

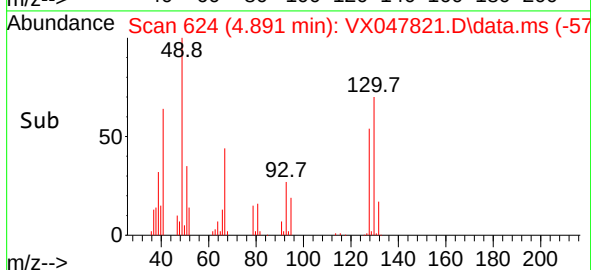
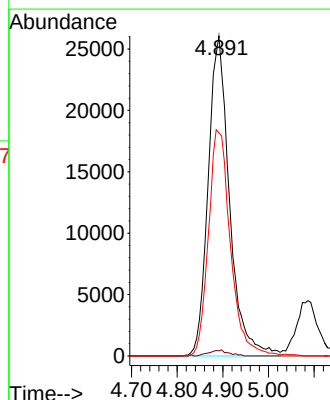
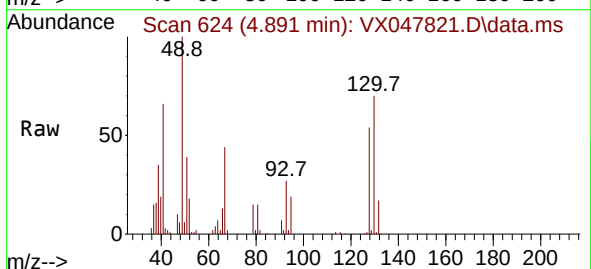
Delta R.T. -0.000 min

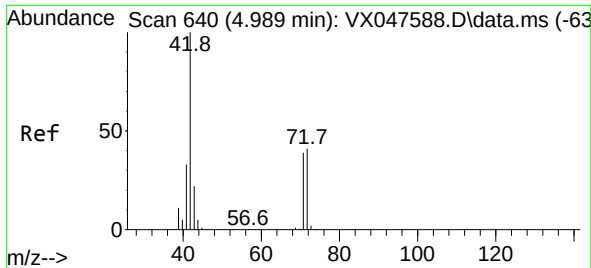
Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

Tgt Ion: 49 Resp: 84490

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	72.6	57.8	86.8





#29

Tetrahydrofuran

Concen: 295.642 ug/l

RT: 4.995 min Scan# 640

Delta R.T. 0.006 min

Lab File: VX047821.D

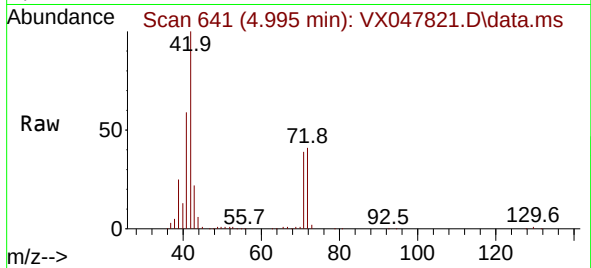
Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS



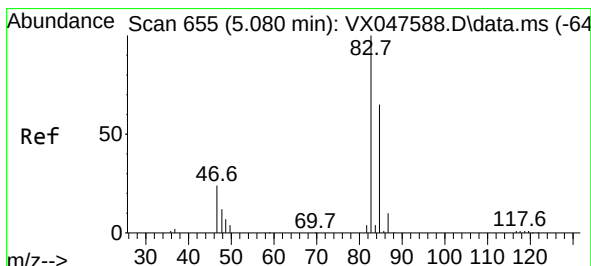
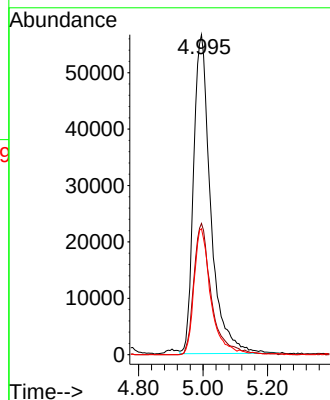
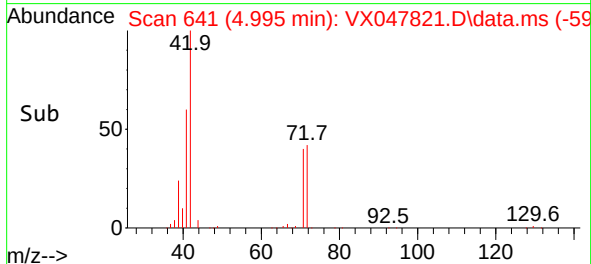
Tgt Ion:	42	Resp:	20803
Ion Ratio	Lower	Upper	
42	100		
72	42.3	34.2	51.2
71	38.2	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#30

Chloroform

Concen: 53.822 ug/l

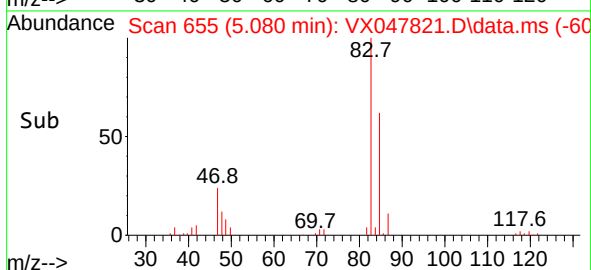
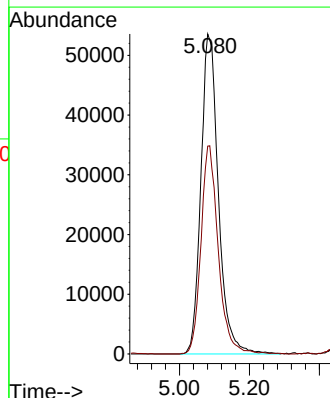
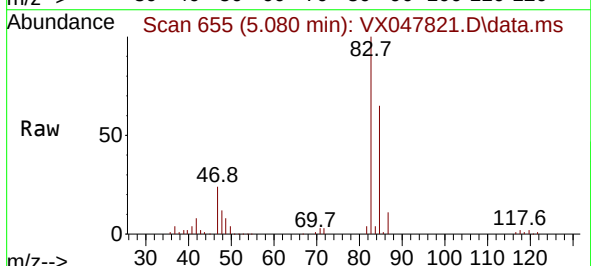
RT: 5.080 min Scan# 655

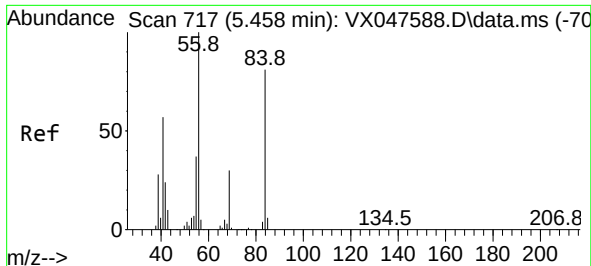
Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

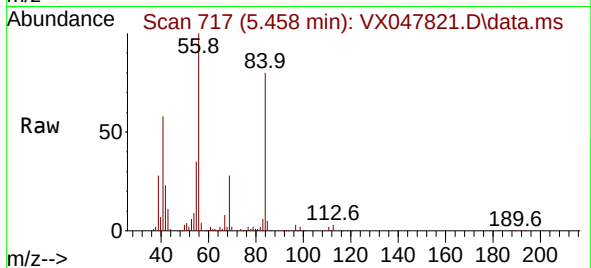
Tgt Ion:	83	Resp:	186106
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.8	77.6





#31
Cyclohexane
Concen: 46.664 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

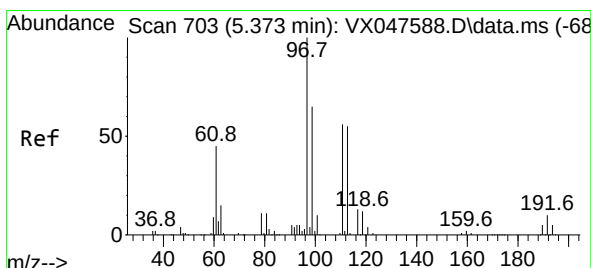
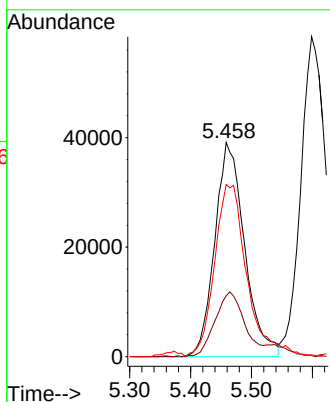
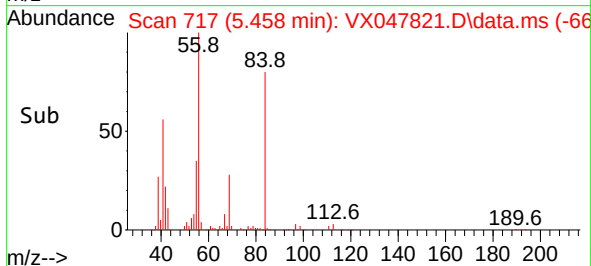
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion: 56 Resp: 132989
Ion Ratio Lower Upper
56 100
69 28.0 23.8 35.8
84 78.8 64.6 97.0

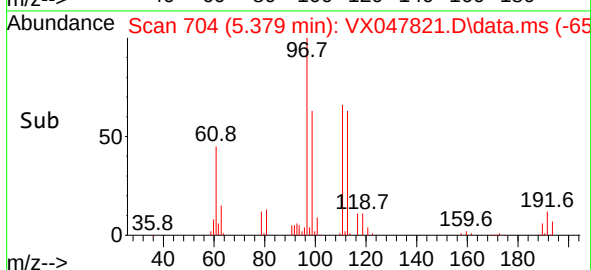
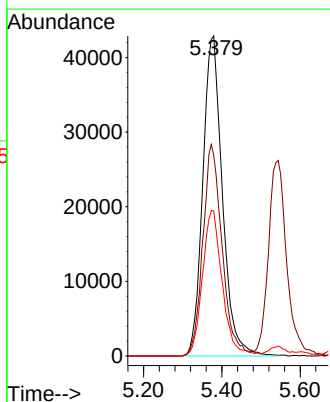
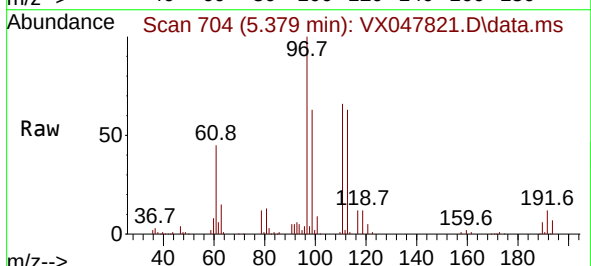
Manual Integrations
APPROVED

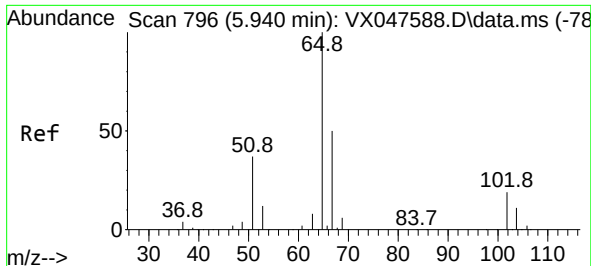
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#32
1,1,1-Trichloroethane
Concen: 50.756 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

Tgt Ion: 97 Resp: 148866
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 45.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 57.011 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047821.D

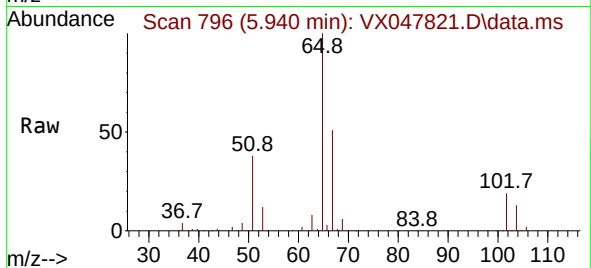
Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS



Tgt Ion: 65 Resp: 122958

Ion Ratio Lower Upper

65 100

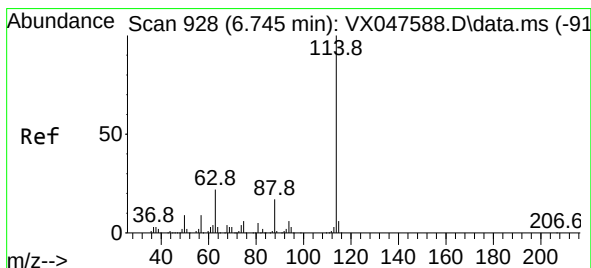
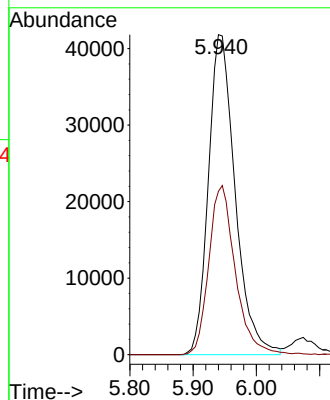
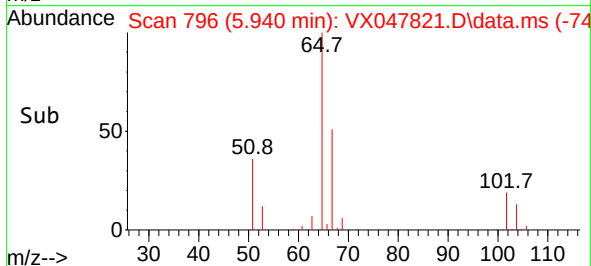
67 52.2 0.0 103.0

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: VX047821.D

Acq: 25 Sep 2025 18:27

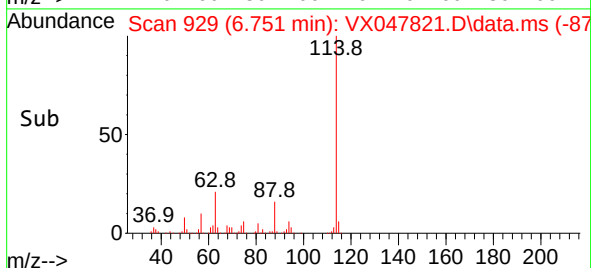
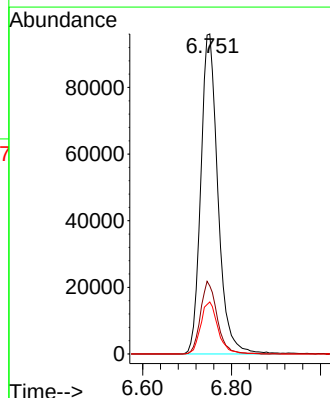
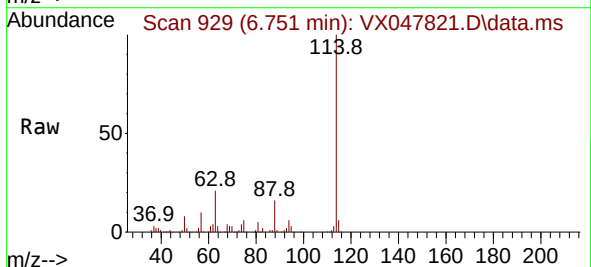
Tgt Ion:114 Resp: 257414

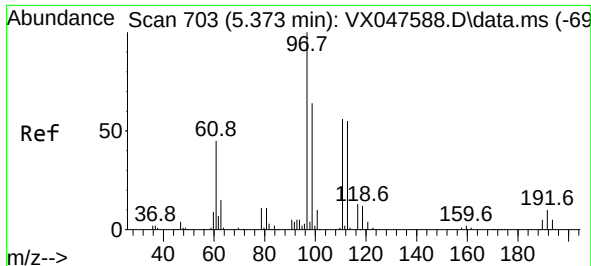
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 53.228 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047821.D

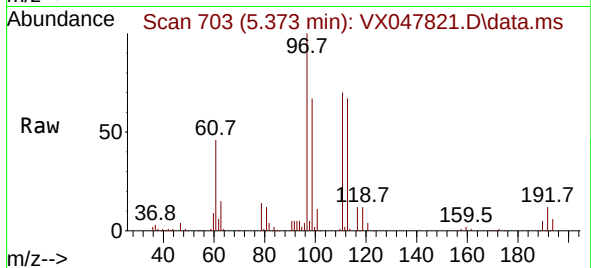
Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS



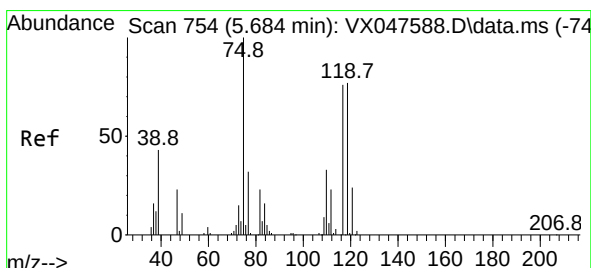
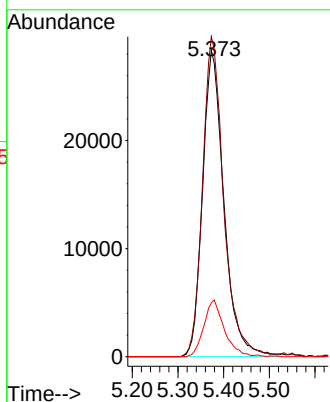
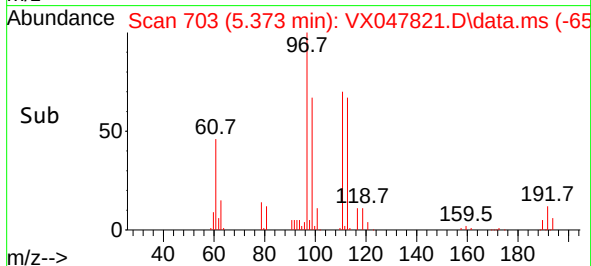
Tgt Ion:	113	Resp:	9189
Ion Ratio	Lower	Upper	
113	100		
111	103.4	80.9	121.3
192	17.7	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#36

1,1-Dichloropropene

Concen: 46.090 ug/l

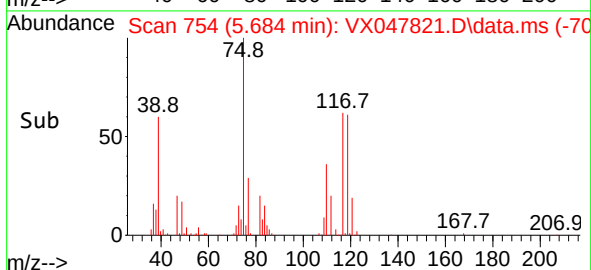
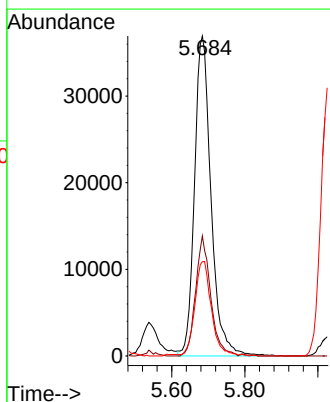
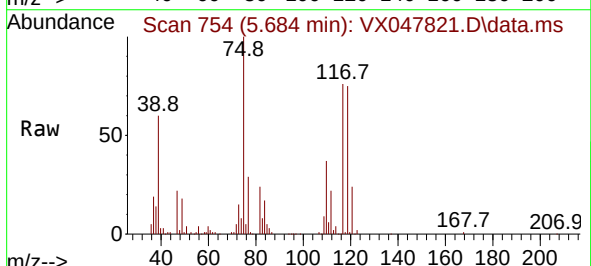
RT: 5.684 min Scan# 754

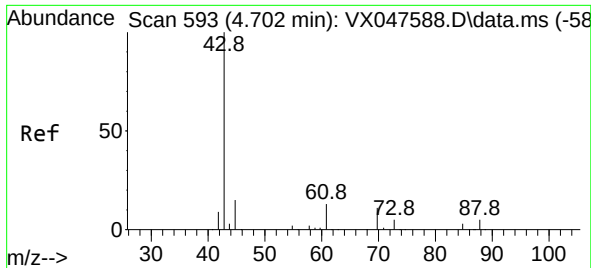
Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

Tgt Ion:	75	Resp:	116268
Ion Ratio	Lower	Upper	
75	100		
110	34.2	16.7	50.1
77	29.6	24.3	36.5





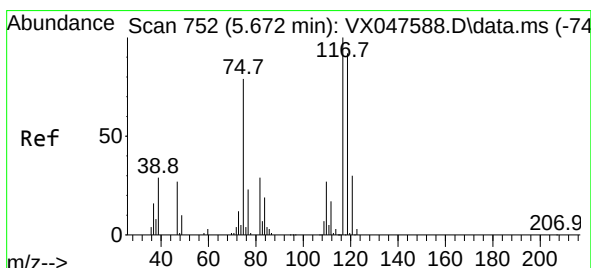
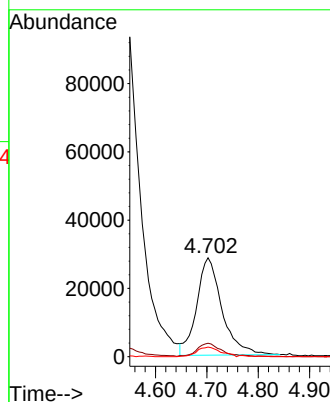
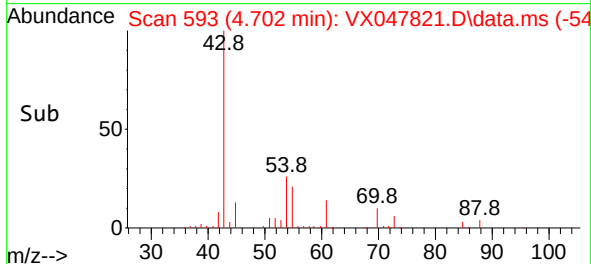
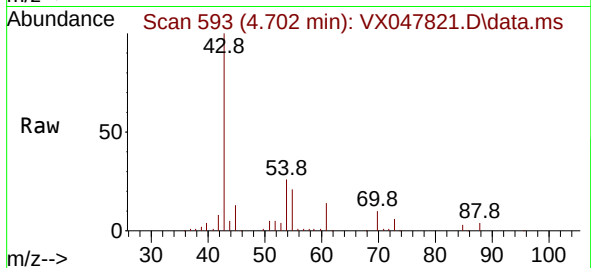
#37
Ethyl Acetate
Concen: 36.048 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

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

Tgt Ion: 43 Resp: 9736
Ion Ratio Lower Upper
43 100
61 12.5 9.8 14.8
70 9.5 7.9 11.9

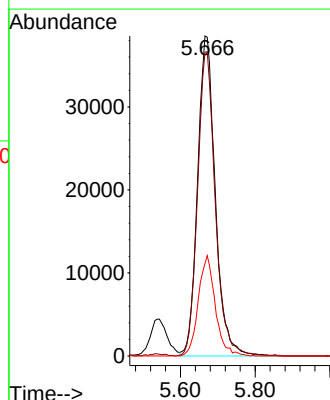
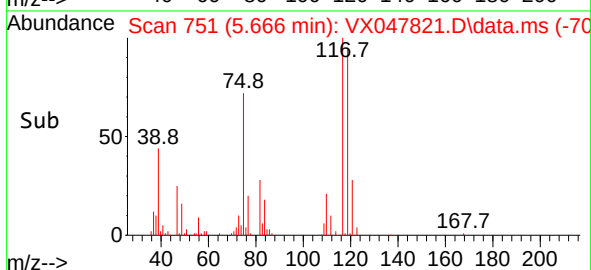
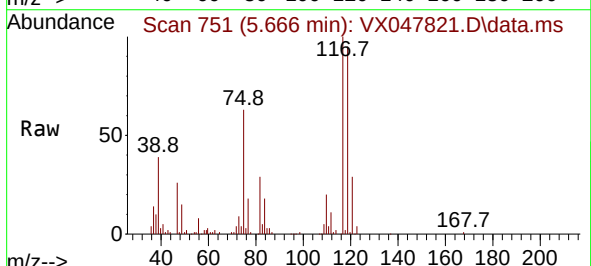
Manual Integrations
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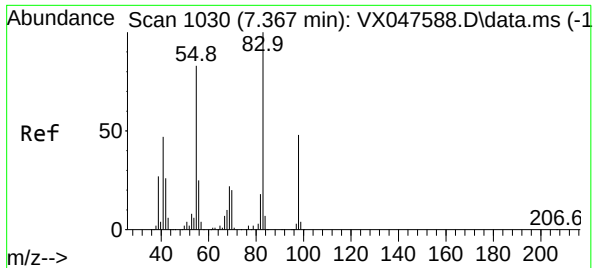
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#38
Carbon Tetrachloride
Concen: 46.438 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

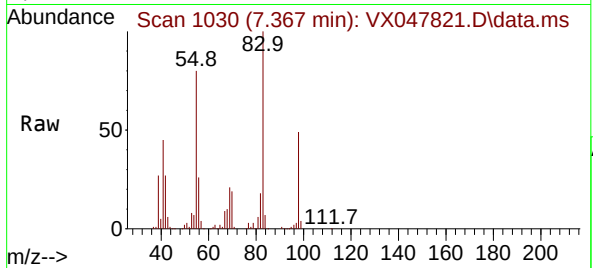
Tgt Ion:117 Resp: 127279
Ion Ratio Lower Upper
117 100
119 94.7 73.4 110.2
121 29.0 23.8 35.6





#39
Methylcyclohexane
Concen: 40.368 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

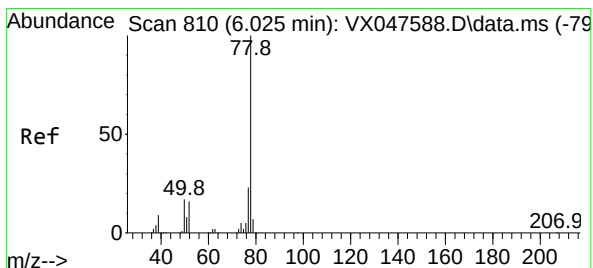
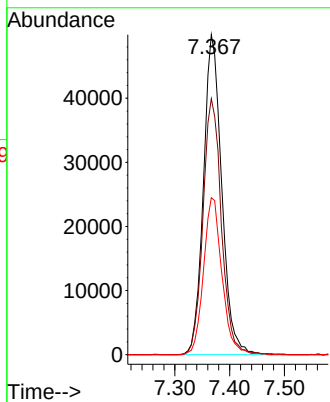
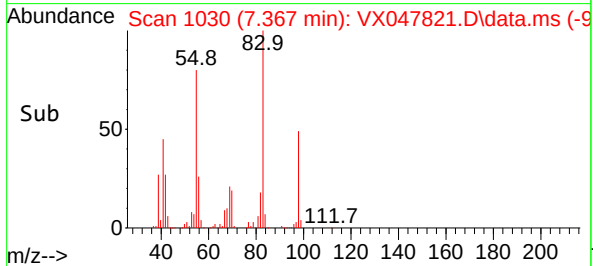
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion: 83 Resp: 115594
Ion Ratio Lower Upper
83 100
55 80.0 66.4 99.6
98 49.1 38.1 57.1

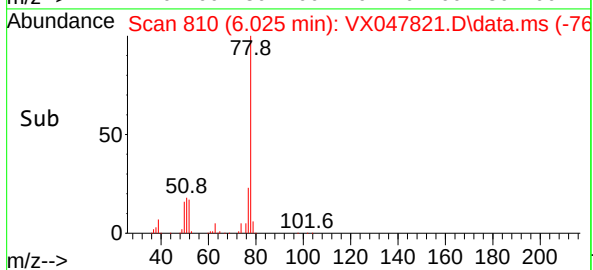
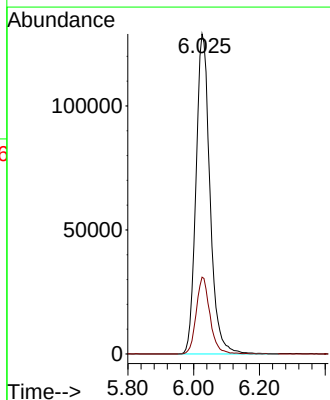
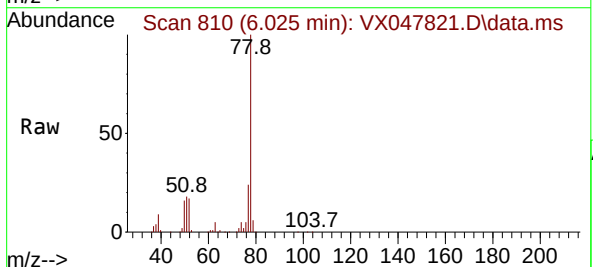
Manual Integrations
APPROVED

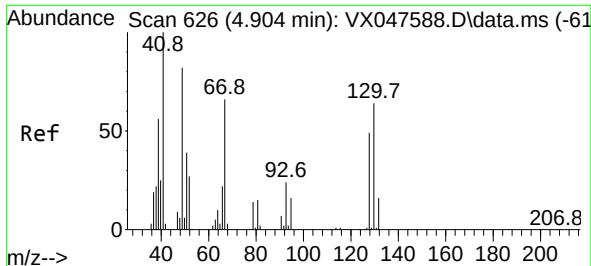
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#40
Benzene
Concen: 49.704 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

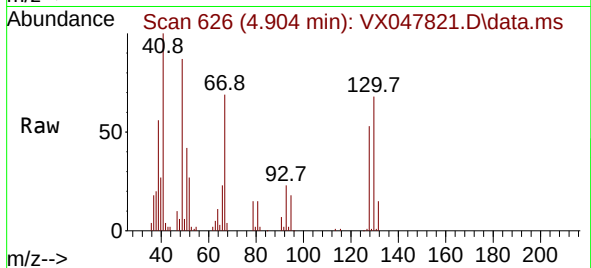
Tgt Ion: 78 Resp: 380825
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2





#41
Methacrylonitrile
Concen: 54.471 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

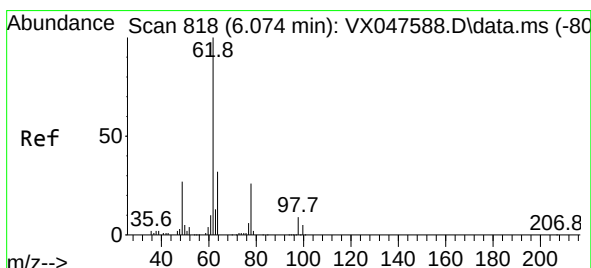
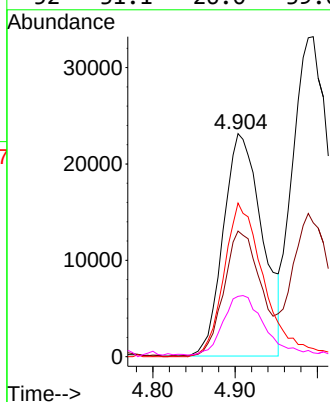
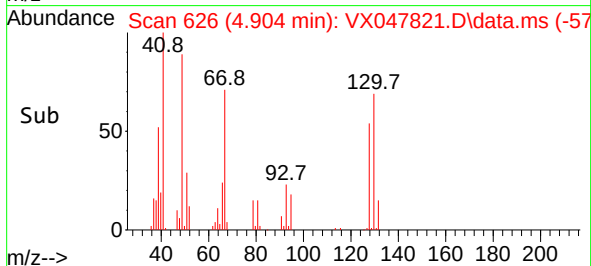
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



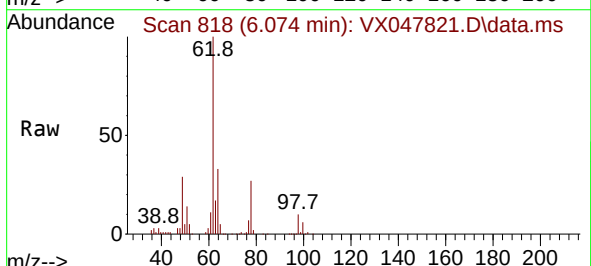
Tgt Ion: 41 Resp: 75954
Ion Ratio Lower Upper
41 100
39 53.0 43.3 64.9
67 71.4 58.6 87.8
52 31.1 26.0 39.0

Manual Integrations
APPROVED

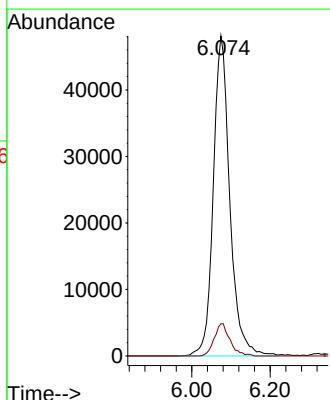
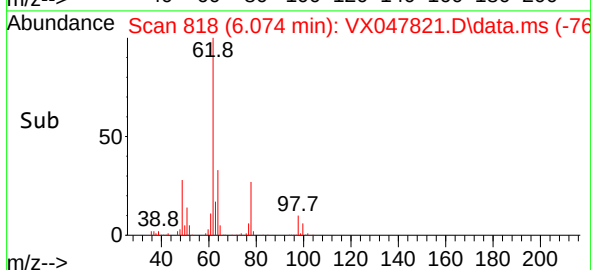
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

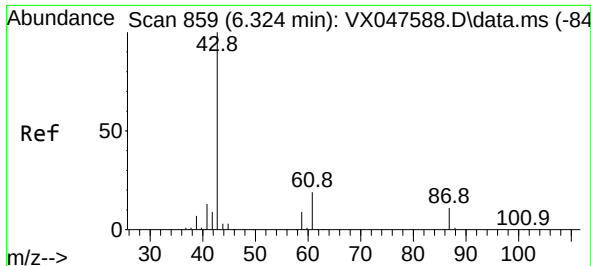


#42
1,2-Dichloroethane
Concen: 48.378 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



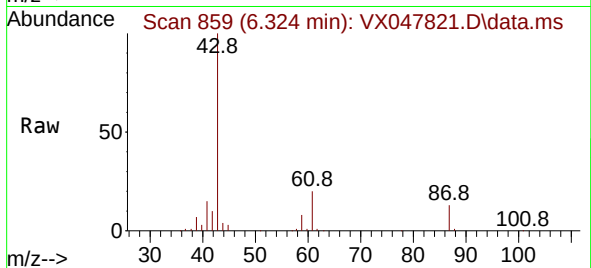
Tgt Ion: 62 Resp: 141033
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.0





#43
Isopropyl Acetate
Concen: 40.830 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

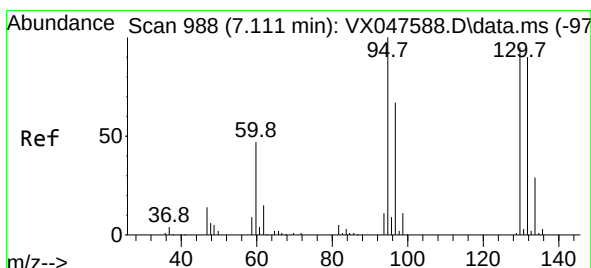
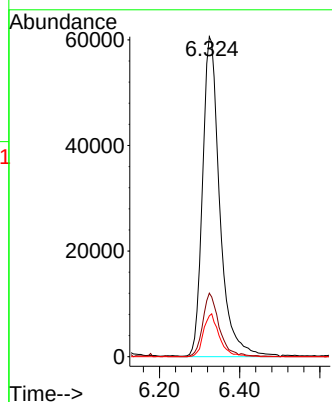
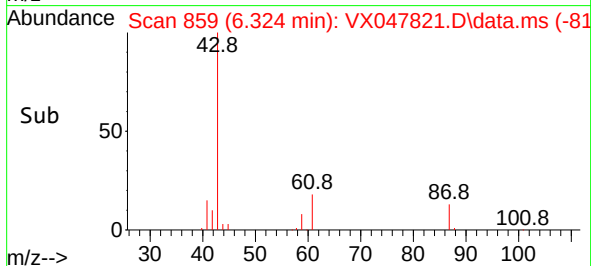
Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-GW-320-322MS



Tgt Ion: 43 Resp: 180870
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.4 9.6 14.4

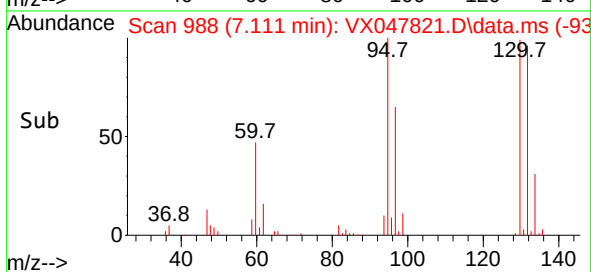
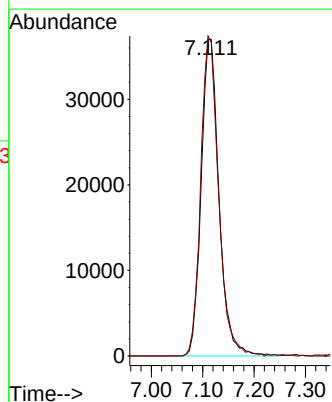
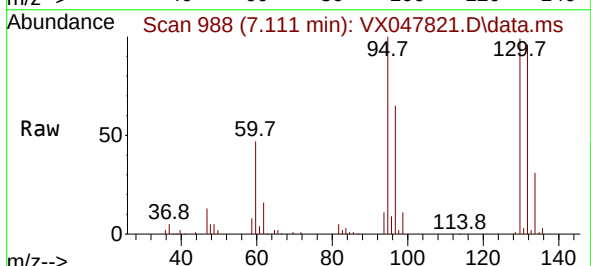
Manual Integrations
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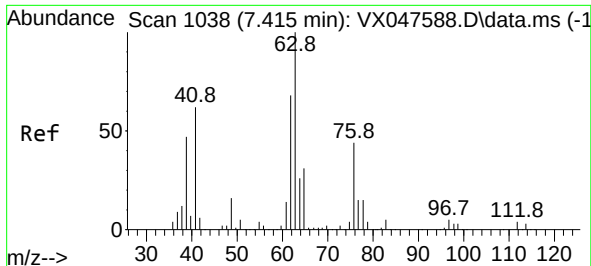
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#44
Trichloroethene
Concen: 48.166 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

Tgt Ion:130 Resp: 89220
Ion Ratio Lower Upper
130 100
95 101.1 0.0 210.8





#45

1,2-Dichloropropane

Concen: 50.229 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS

Tgt Ion: 63 Resp: 9854

Ion Ratio Lower Upper

63 100

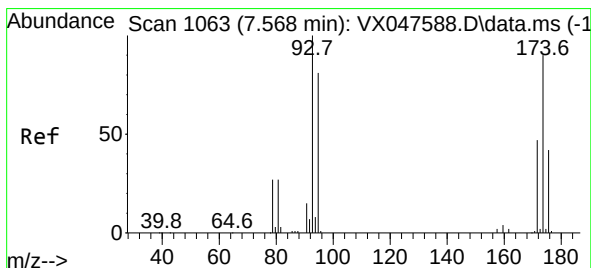
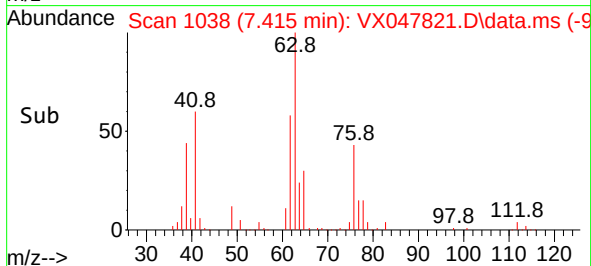
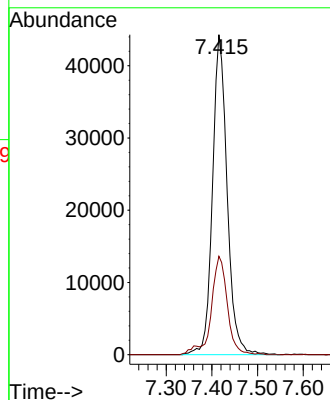
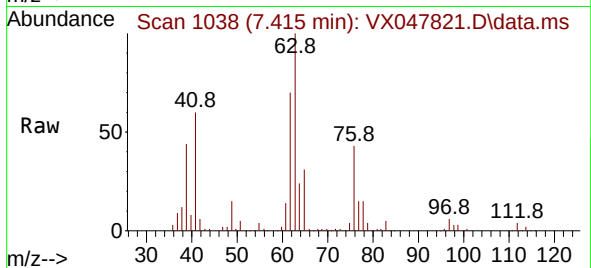
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#46

Dibromomethane

Concen: 50.231 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

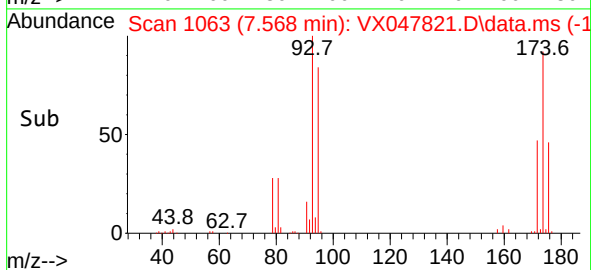
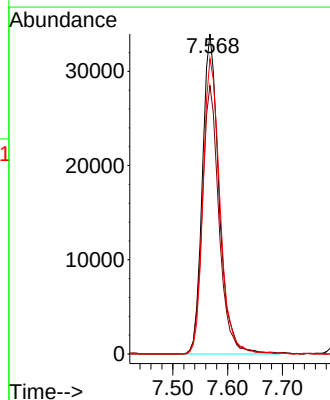
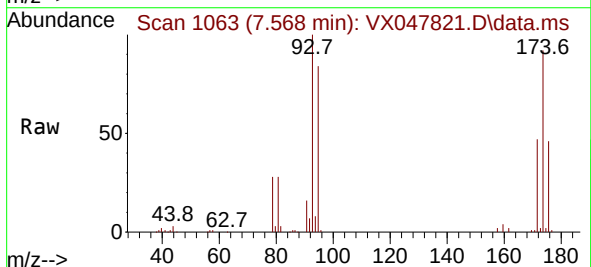
Tgt Ion: 93 Resp: 71714

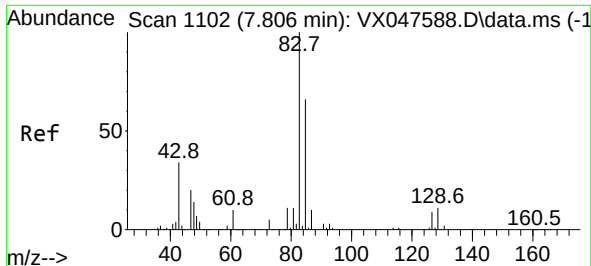
Ion Ratio Lower Upper

93 100

95 83.8 65.0 97.6

174 93.1 71.6 107.4





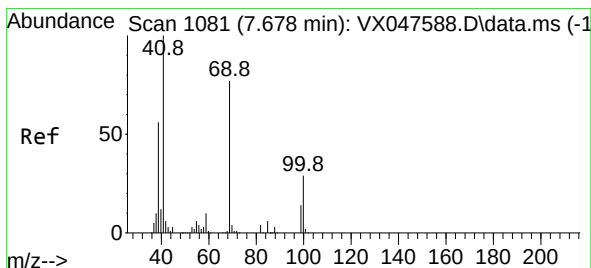
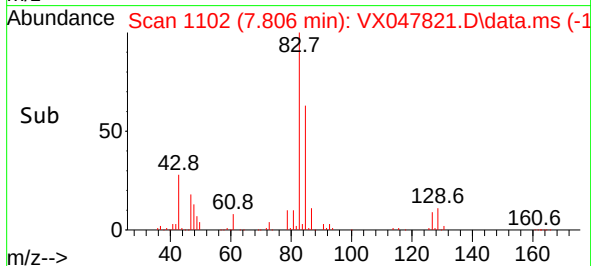
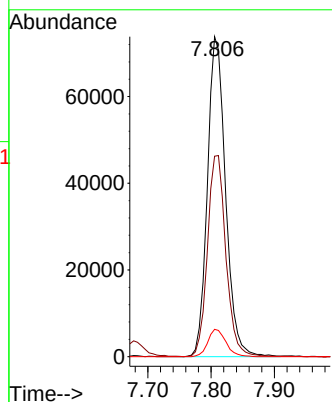
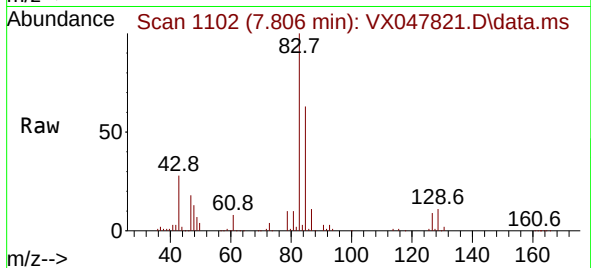
#47
Bromodichloromethane
Concen: 50.043 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

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

Tgt Ion: 83 Resp: 14743
Ion Ratio Lower Upper
83 100
85 62.6 52.5 78.7
127 8.6 6.9 10.3

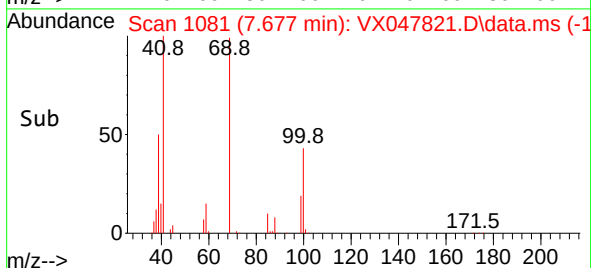
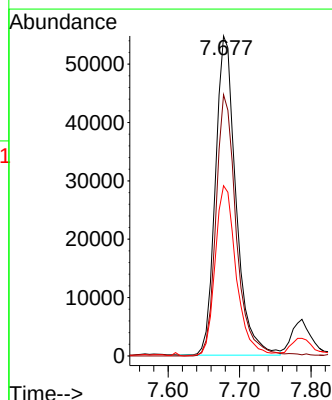
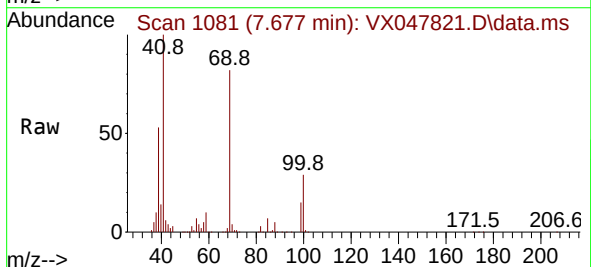
Manual Integrations
APPROVED

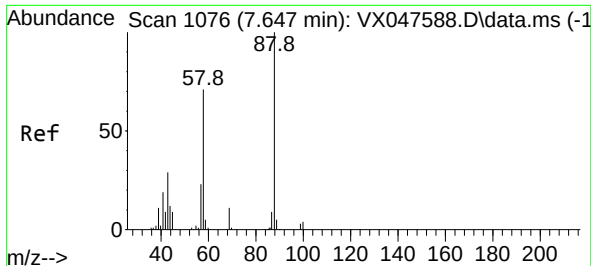
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#48
Methyl methacrylate
Concen: 49.636 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

Tgt Ion: 41 Resp: 109524
Ion Ratio Lower Upper
41 100
69 80.3 61.4 92.2
39 54.7 45.8 68.6





#49

1,4-Dioxane

Concen: 1240.210 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX047821.D

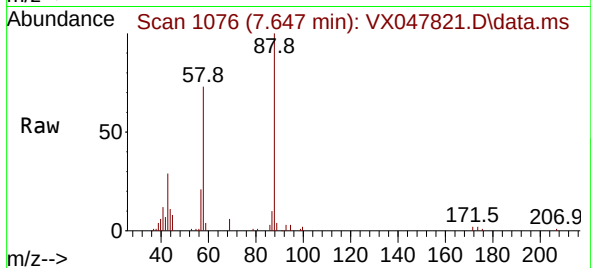
Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS



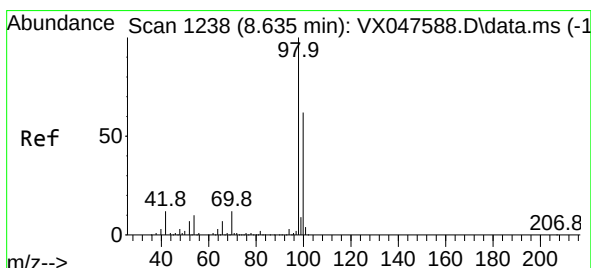
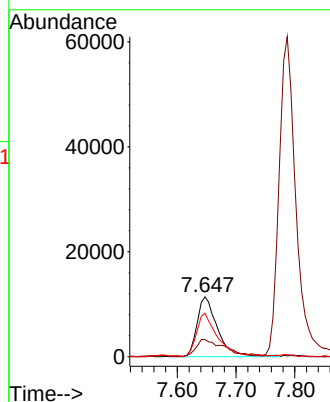
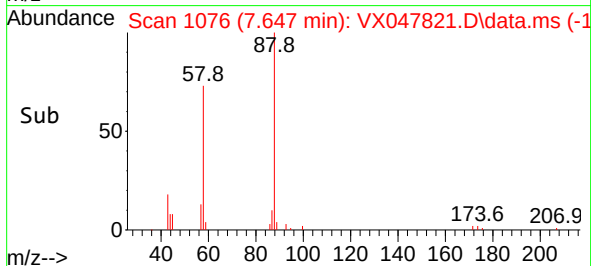
Tgt Ion:	88	Resp:	27650
Ion	Ratio	Lower	Upper
88	100		
43	36.9	30.2	45.2
58	72.9	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#50

Toluene-d8

Concen: 50.655 ug/l

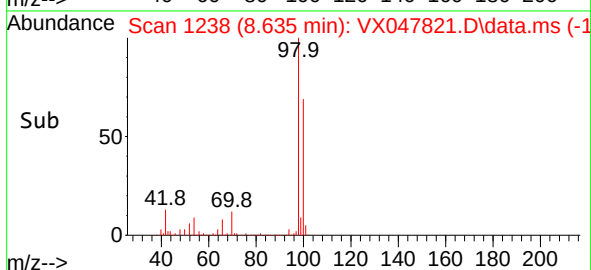
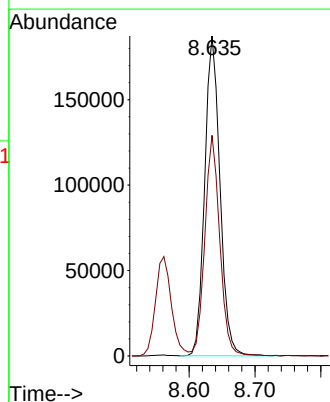
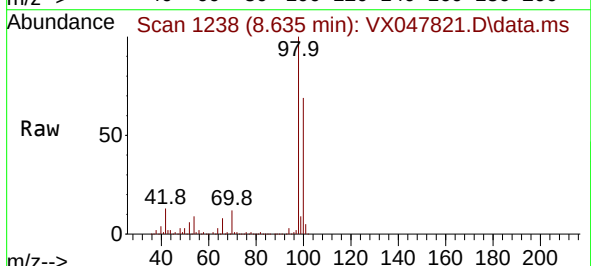
RT: 8.635 min Scan# 1238

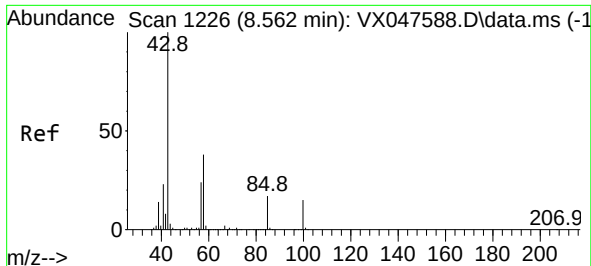
Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

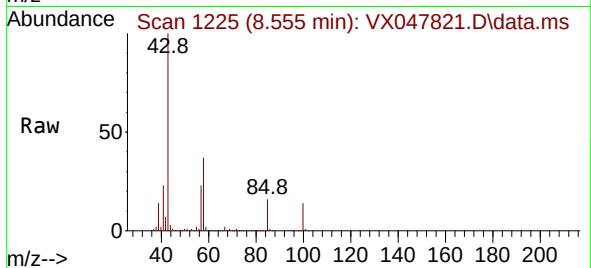
Tgt Ion:	98	Resp:	302587
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 276.211 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

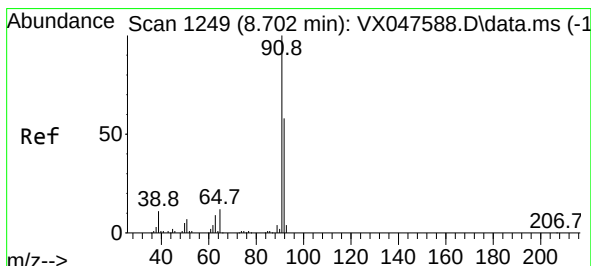
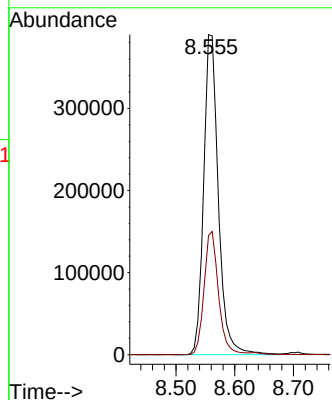
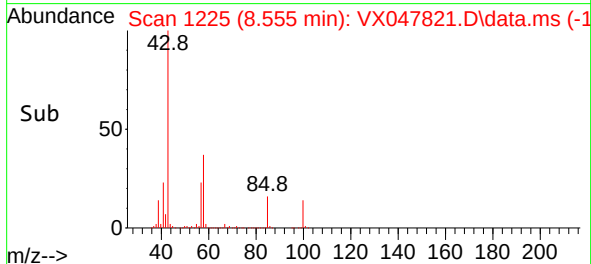
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion: 43 Resp: 678398
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5

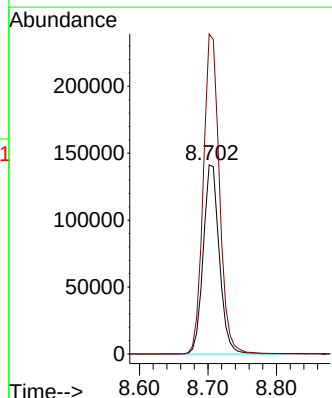
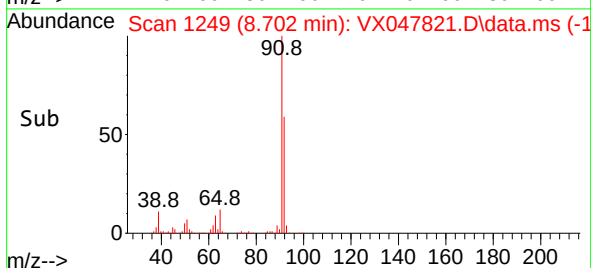
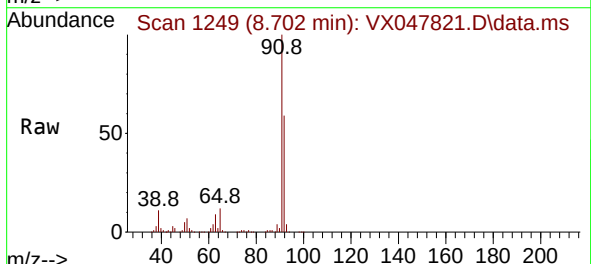
Manual Integrations
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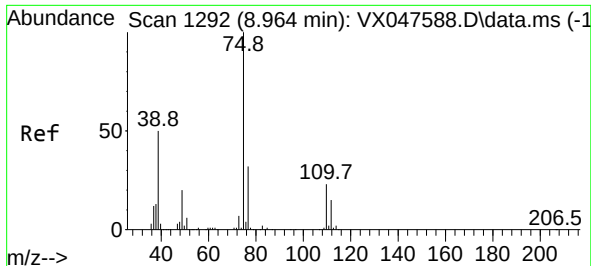
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#52
Toluene
Concen: 48.930 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

Tgt Ion: 92 Resp: 230973
Ion Ratio Lower Upper
92 100
91 170.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 40.672 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS

Tgt Ion: 75 Resp: 12222

Ion Ratio Lower Upper

75 100

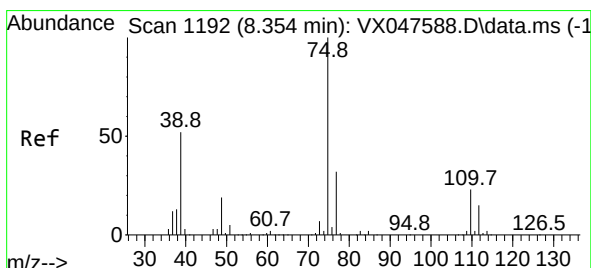
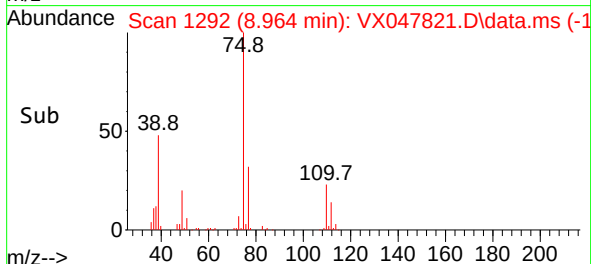
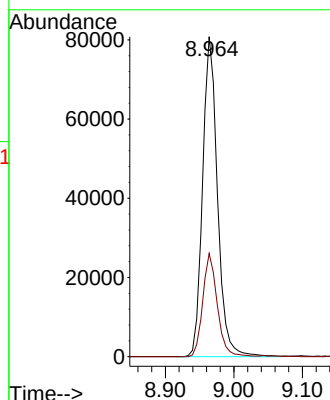
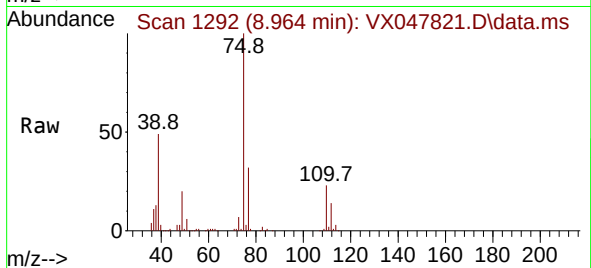
77 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#54

cis-1,3-Dichloropropene

Concen: 40.987 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

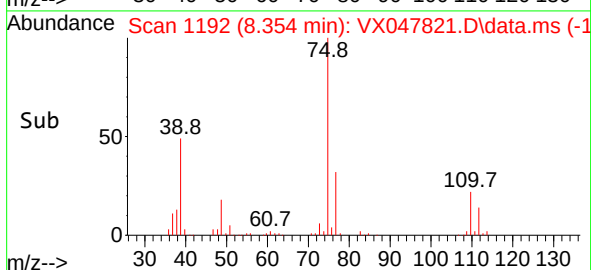
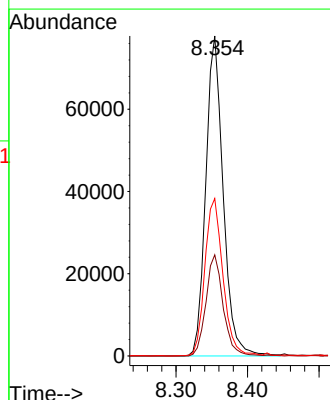
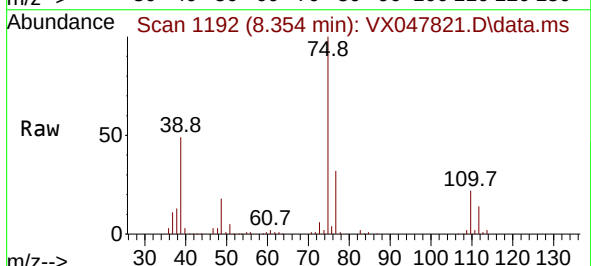
Tgt Ion: 75 Resp: 131647

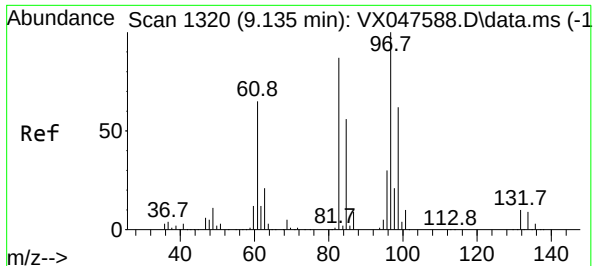
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

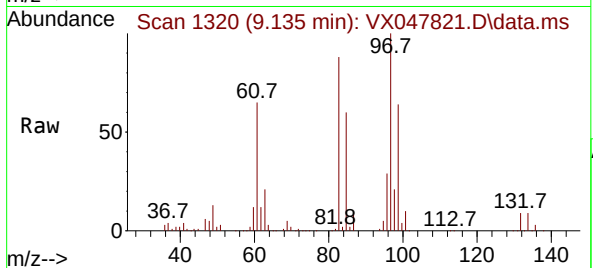
39 48.4 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 51.493 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

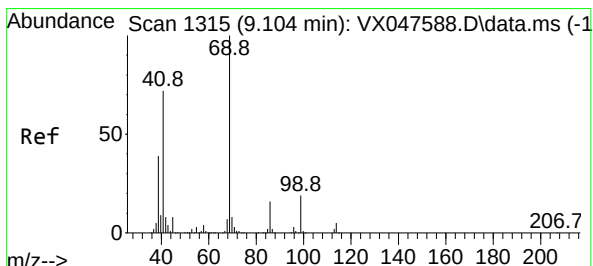
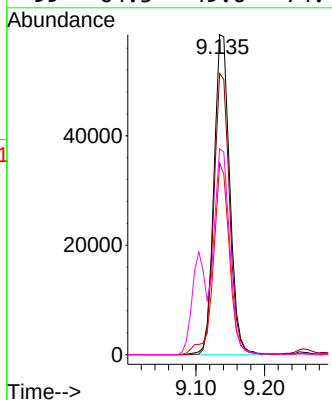
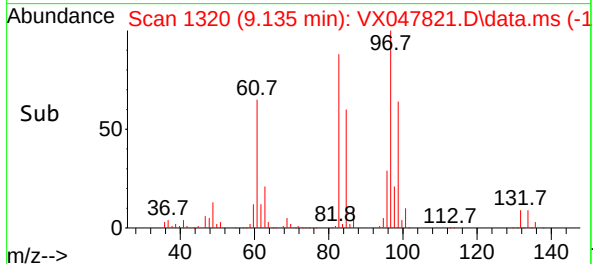
Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-GW-320-322MS



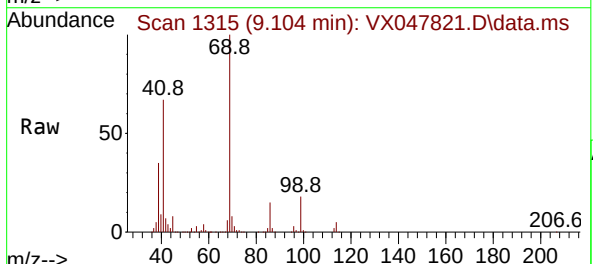
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.6	104.4
85	59.7	45.0	67.6
99	64.3	49.6	74.4

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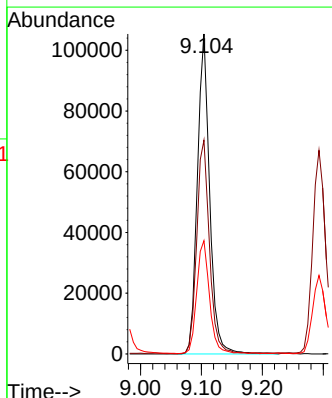
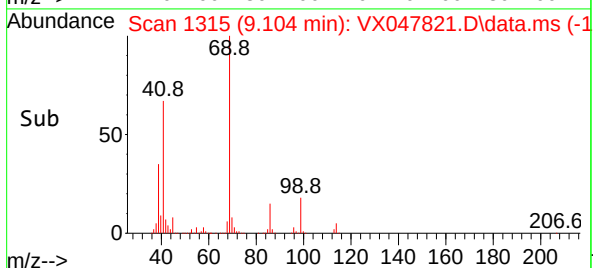
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

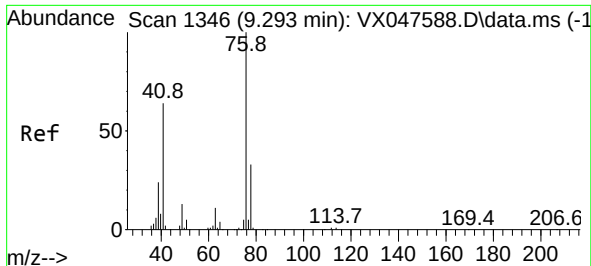


#56
Ethyl methacrylate
Concen: 51.689 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	58.6	87.8
39	36.6	31.5	47.3





#57

1,3-Dichloropropane

Concen: 52.323 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS

Tgt Ion: 76 Resp: 163602

Ion Ratio Lower Upper

76 100

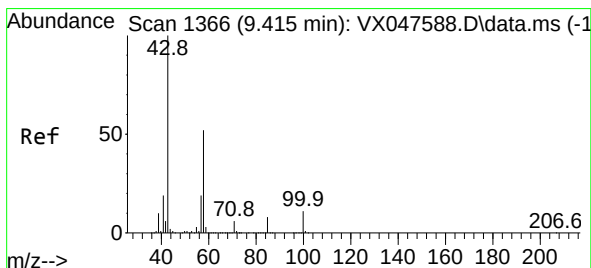
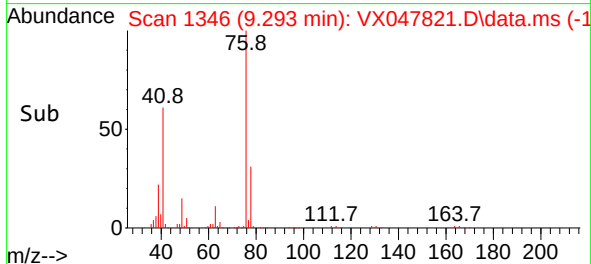
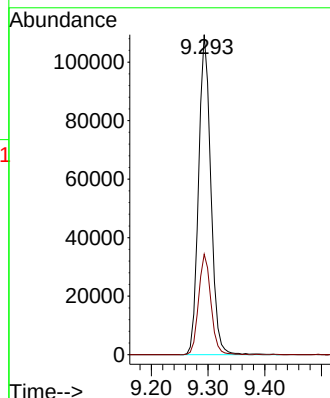
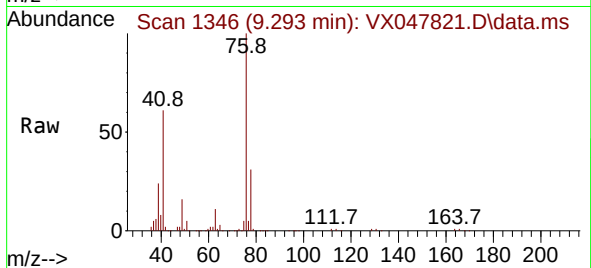
78 31.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#59

2-Hexanone

Concen: 264.631 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX047821.D

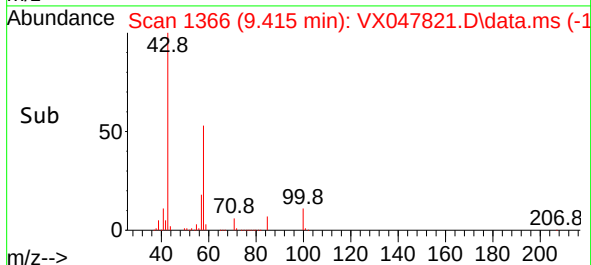
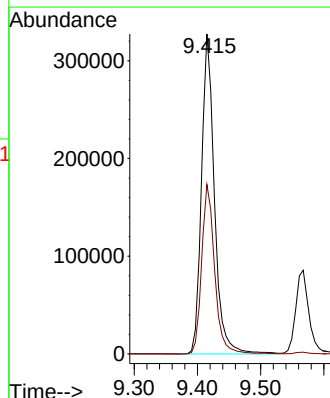
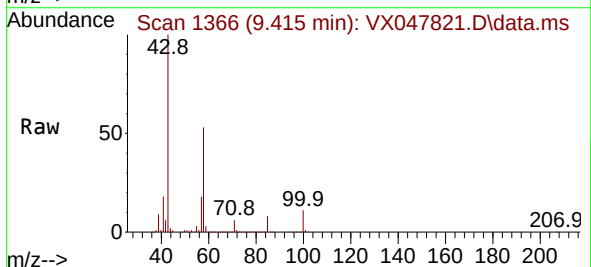
Acq: 25 Sep 2025 18:27

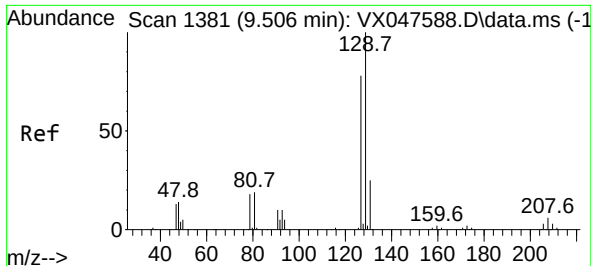
Tgt Ion: 43 Resp: 466801

Ion Ratio Lower Upper

43 100

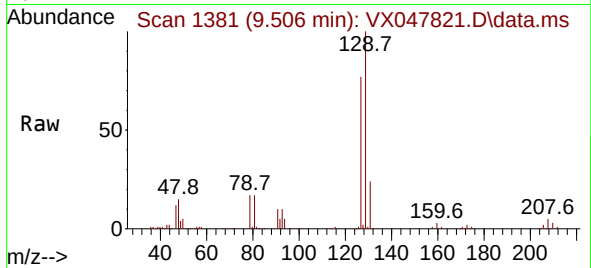
58 53.4 26.1 78.2





#60
Dibromochloromethane
Concen: 51.259 ug/l
RT: 9.506 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

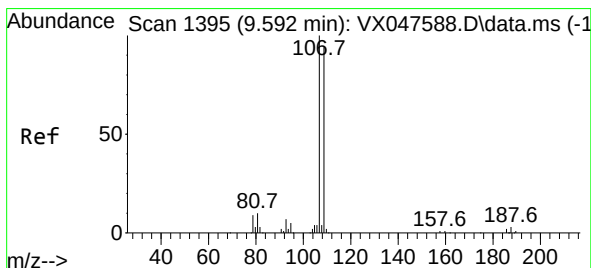
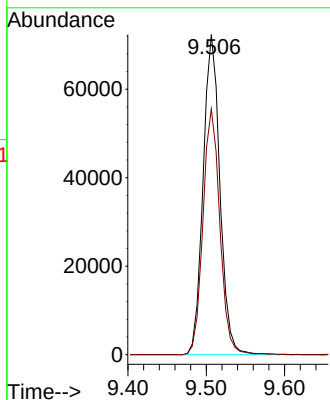
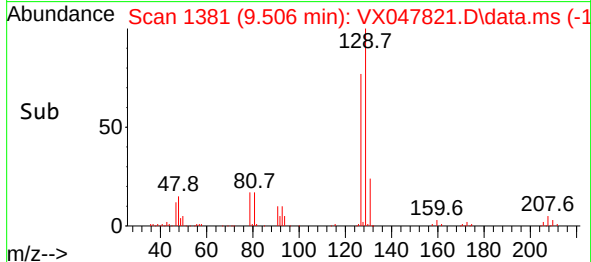
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



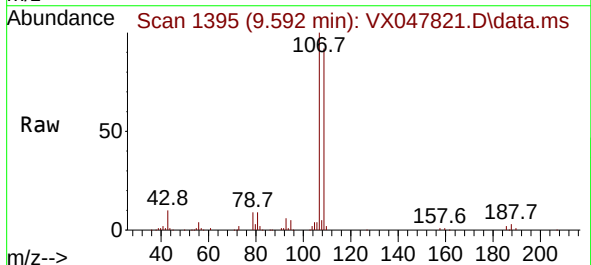
Tgt Ion:129 Resp: 10750
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2

Manual Integrations
APPROVED

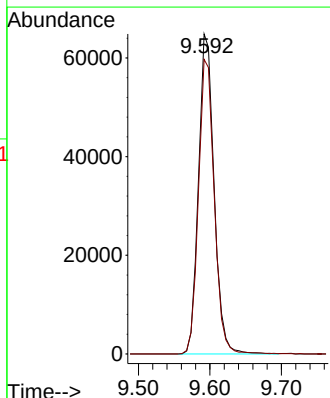
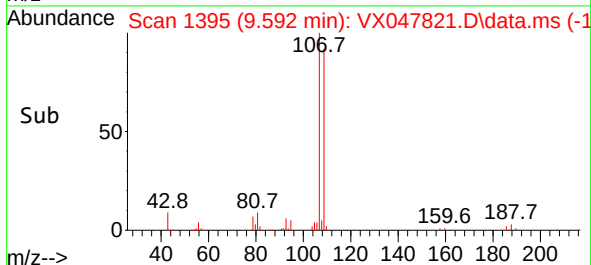
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

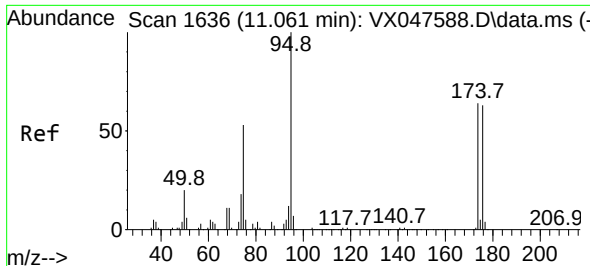


#61
1,2-Dibromoethane
Concen: 53.001 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



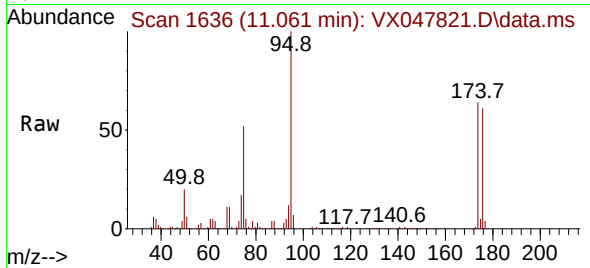
Tgt Ion:107 Resp: 98261
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9





#62
4-Bromofluorobenzene
Concen: 53.298 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

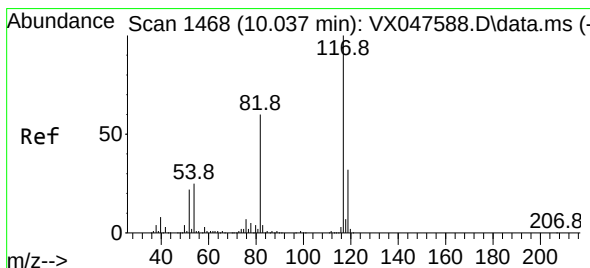
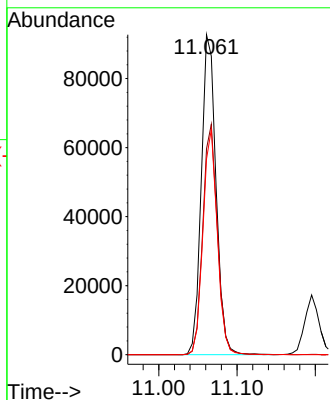
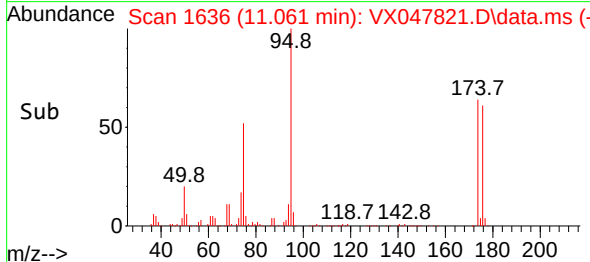
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion: 95 Resp: 120833
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 68.5 0.0 138.4

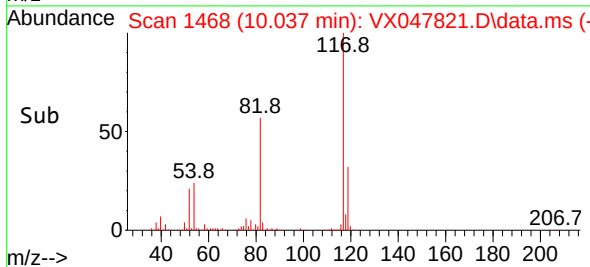
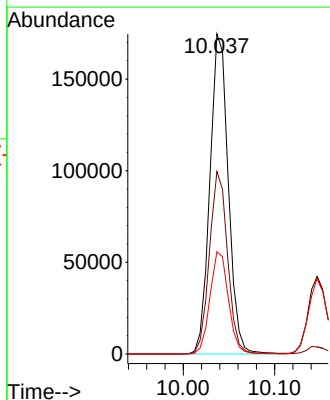
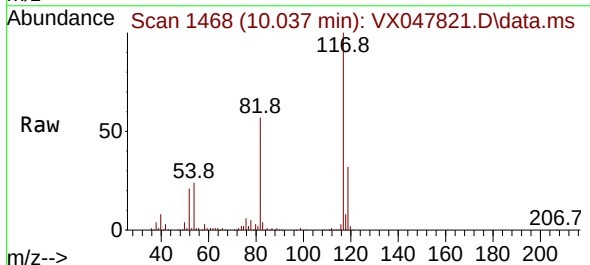
Manual Integrations
APPROVED

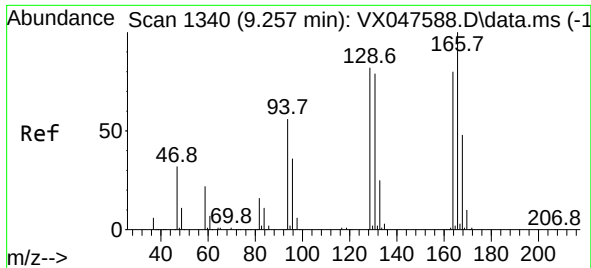
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

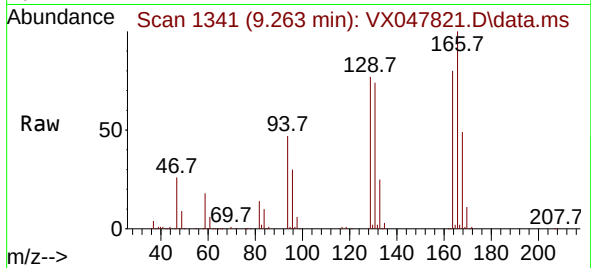
Tgt Ion:117 Resp: 243581
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.6
119 31.9 25.2 37.8





#64
Tetrachloroethene
Concen: 42.420 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

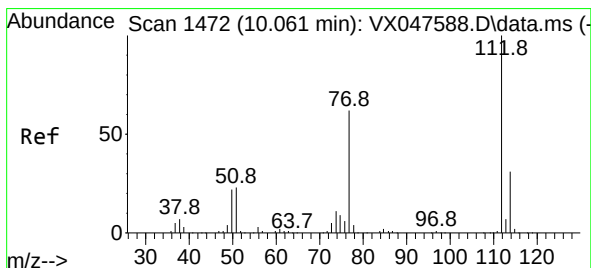
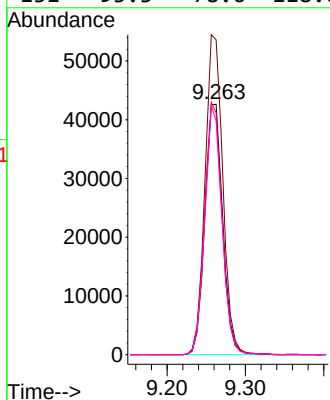
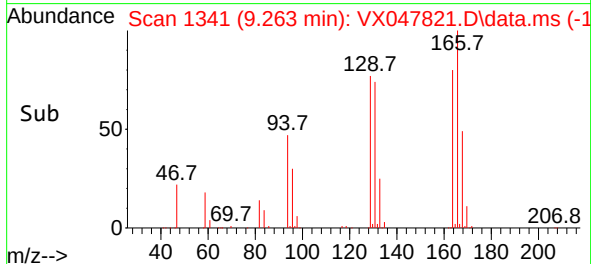
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion:164 Resp: 67359
Ion Ratio Lower Upper
164 100
166 125.7 100.2 150.2
129 96.5 81.8 122.6
131 93.3 78.6 118.0

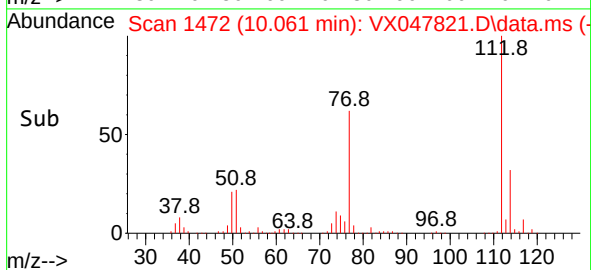
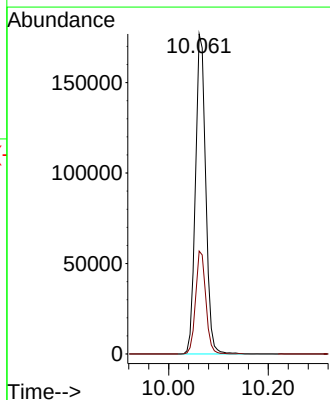
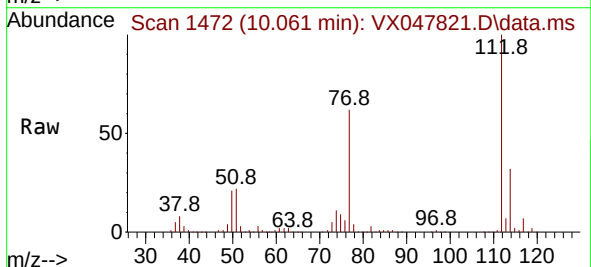
Manual Integrations
APPROVED

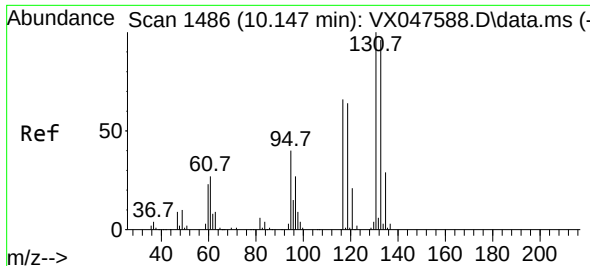
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#65
Chlorobenzene
Concen: 45.663 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

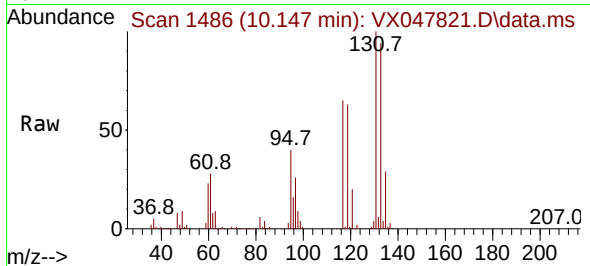
Tgt Ion:112 Resp: 252686
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 47.007 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

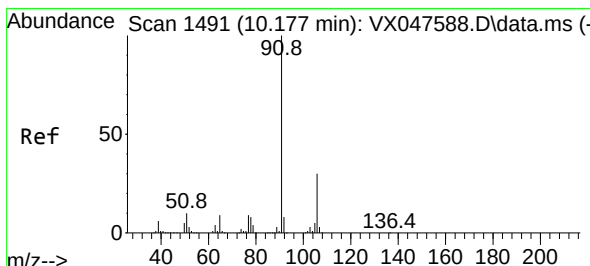
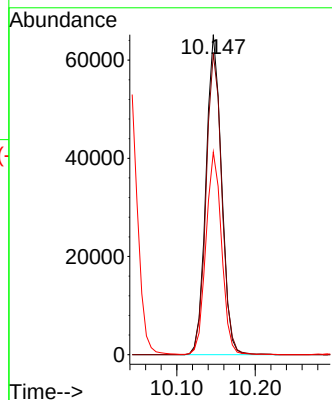
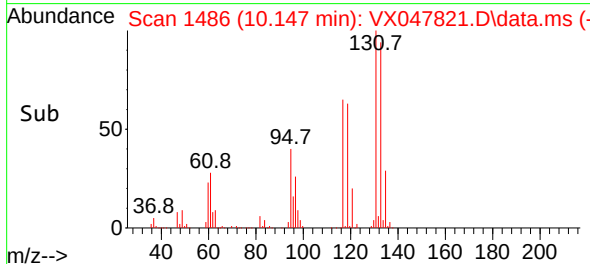
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion:131 Resp: 8976
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 63.9 32.0 96.0

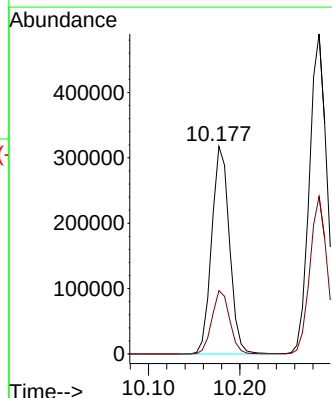
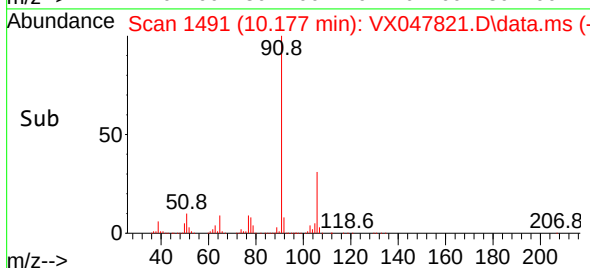
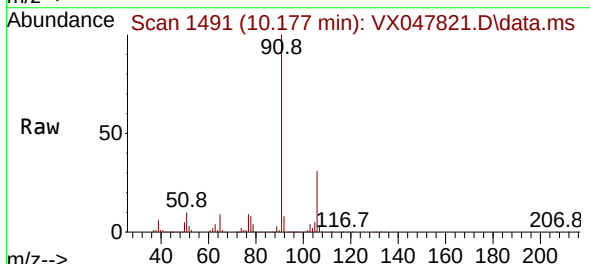
Manual Integrations
APPROVED

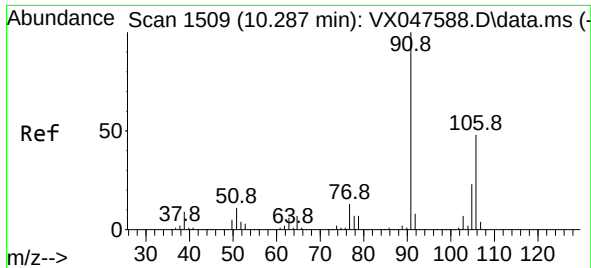
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#67
Ethyl Benzene
Concen: 44.879 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

Tgt Ion: 91 Resp: 428505
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5





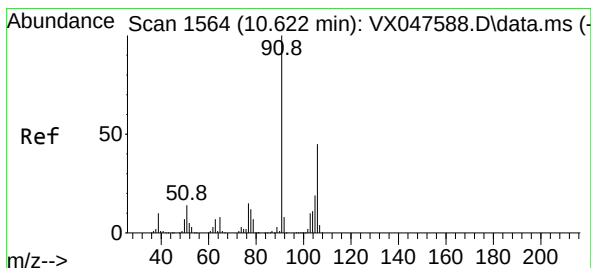
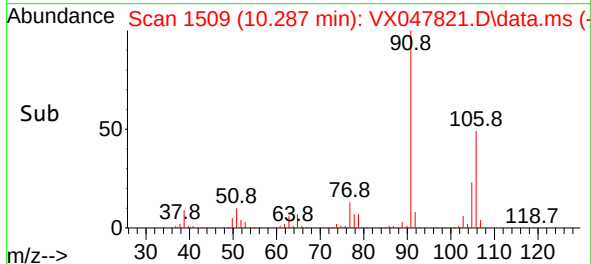
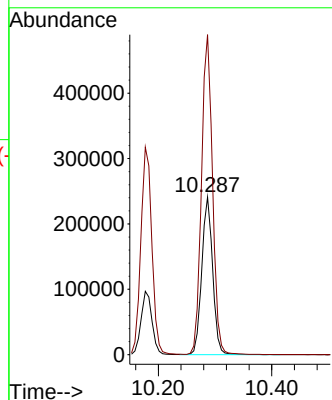
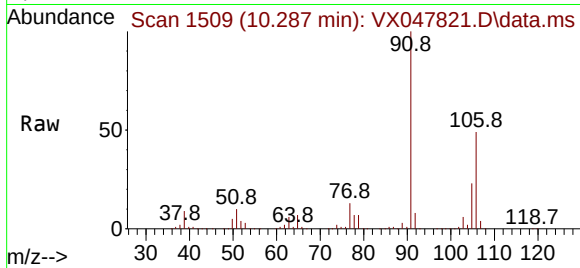
#68
m/p-Xylenes
Concen: 90.470 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

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

Tgt Ion:106 Resp: 321510
Ion Ratio Lower Upper
106 100
91 206.0 167.8 251.8

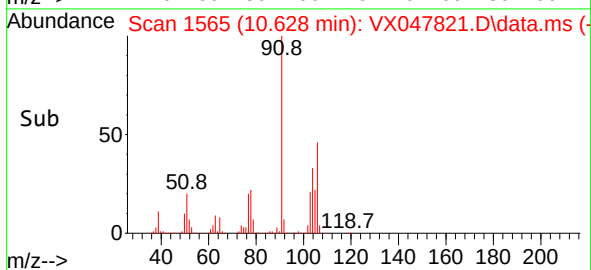
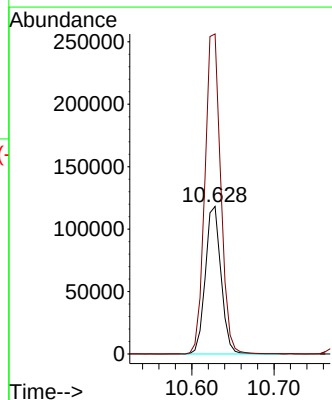
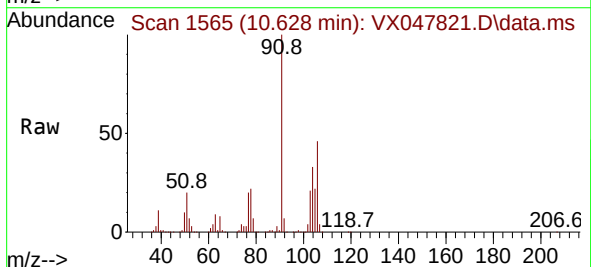
Manual Integrations
APPROVED

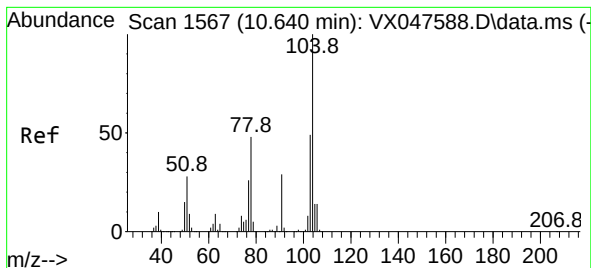
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#69
o-Xylene
Concen: 45.513 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

Tgt Ion:106 Resp: 156445
Ion Ratio Lower Upper
106 100
91 220.0 111.1 333.4





#70

Styrene

Concen: 42.517 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047821.D

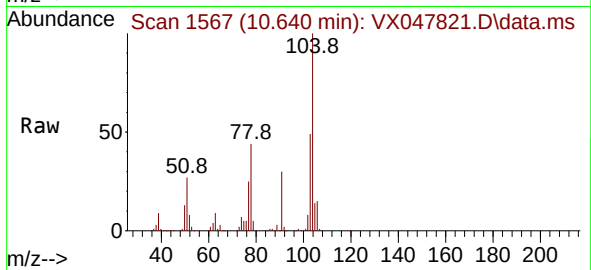
Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS



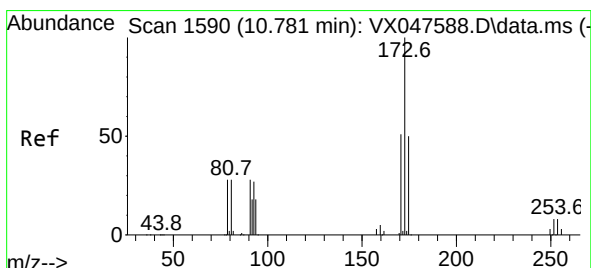
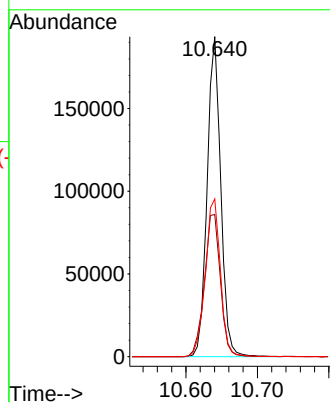
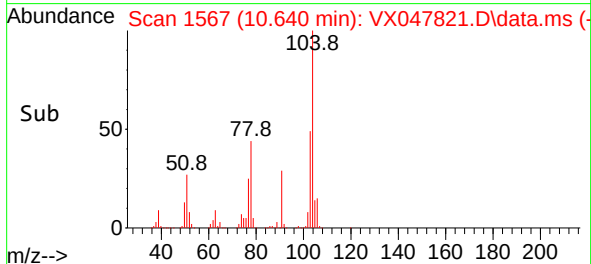
Tgt Ion:	104	Resp:	25607
Ion Ratio	Lower	Upper	
104	100		
78	52.3	43.1	64.7
103	54.7	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#71

Bromoform

Concen: 47.822 ug/l

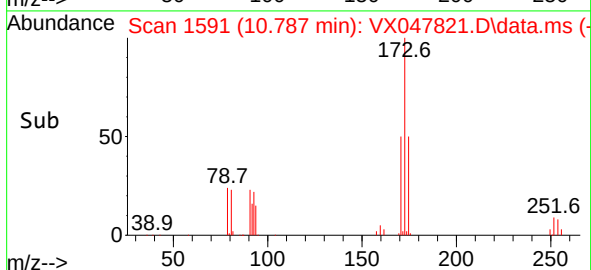
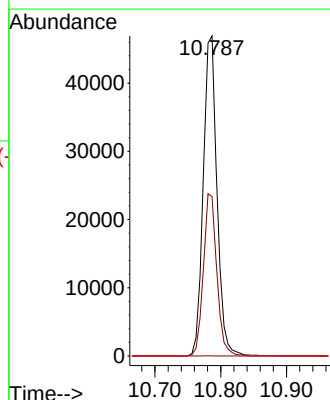
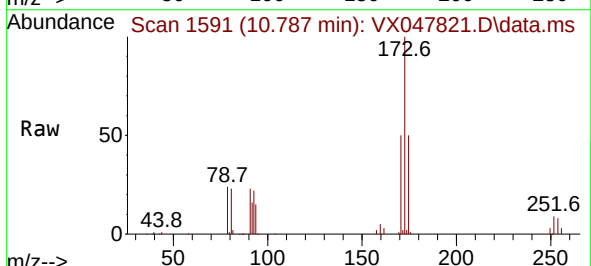
RT: 10.787 min Scan# 1591

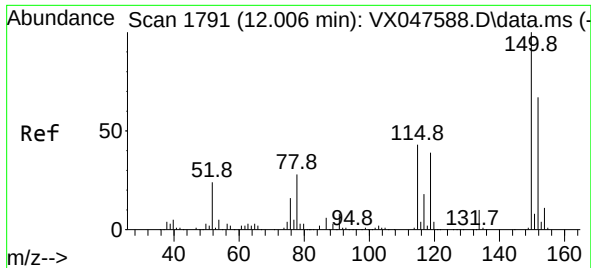
Delta R.T. 0.006 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

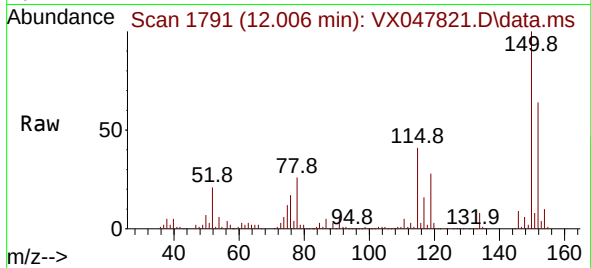
Tgt Ion:	173	Resp:	68186
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.9	74.6
254	0.0	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

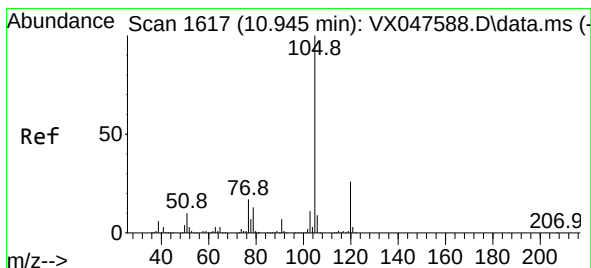
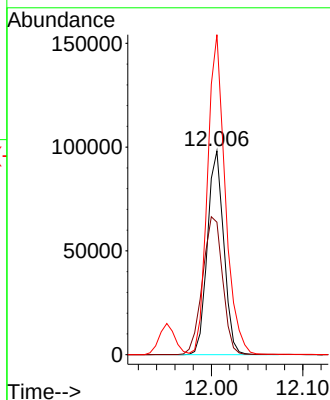
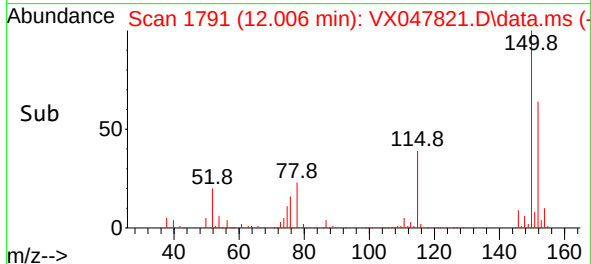
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



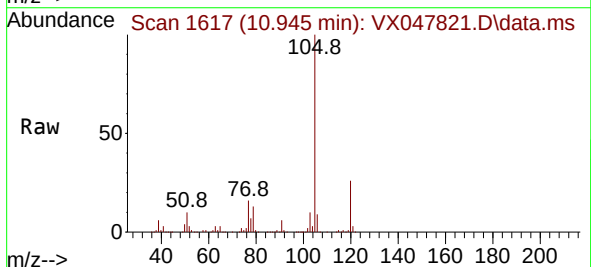
Tgt Ion:152 Resp: 121958
Ion Ratio Lower Upper
152 100
115 82.9 44.9 134.5
150 170.2 0.0 352.0

Manual Integrations
APPROVED

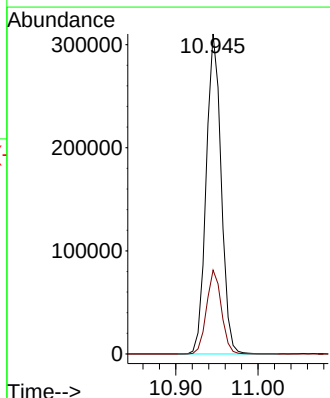
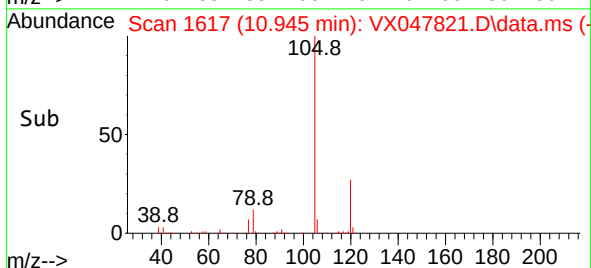
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

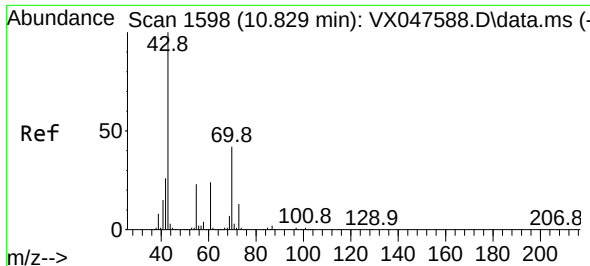


#73
Isopropylbenzene
Concen: 42.335 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



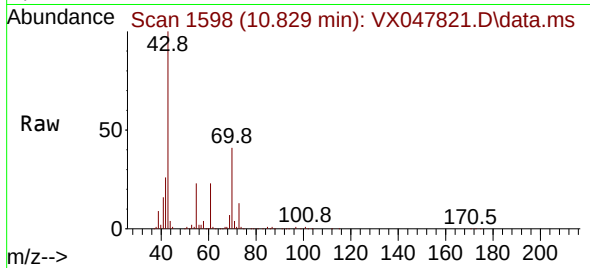
Tgt Ion:105 Resp: 392521
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4





#74
N-amy1 acetate
Concen: 31.160 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

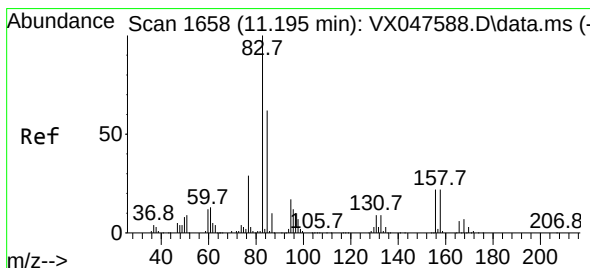
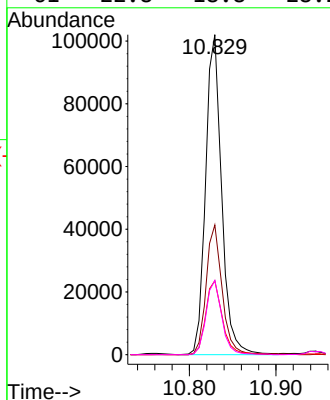
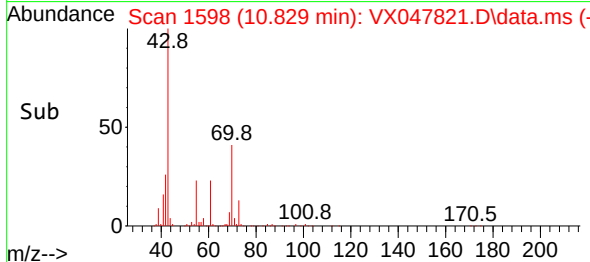
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion: 43 Resp: 13174
Ion Ratio Lower Upper
43 100
70 40.4 32.0 48.0
55 24.2 18.9 28.3
61 22.8 18.8 28.2

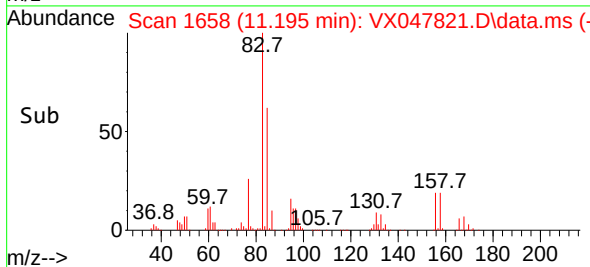
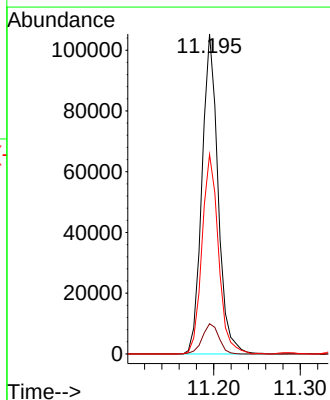
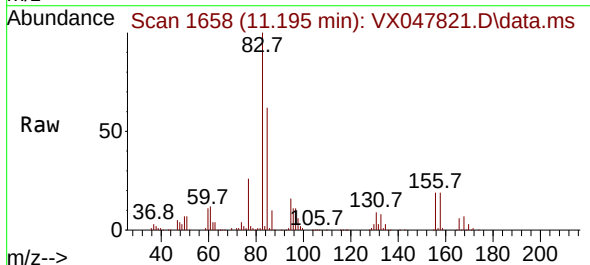
Manual Integrations
APPROVED

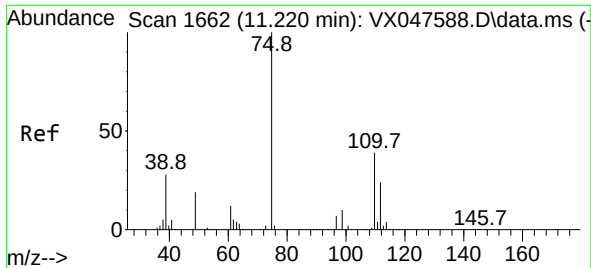
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 48.282 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

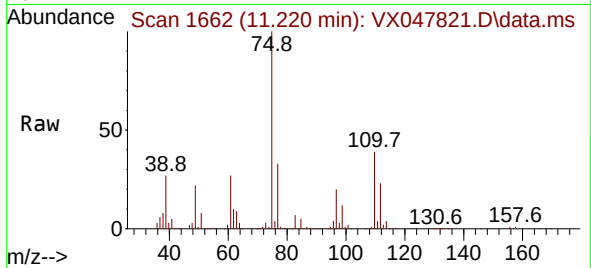
Tgt Ion: 83 Resp: 135441
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.0 31.6 95.0





#76
1,2,3-Trichloropropane
Concen: 46.559 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

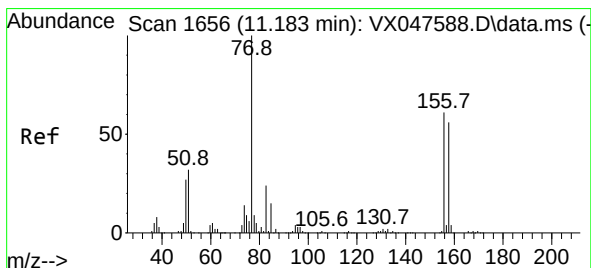
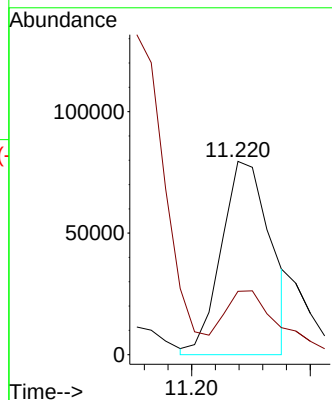
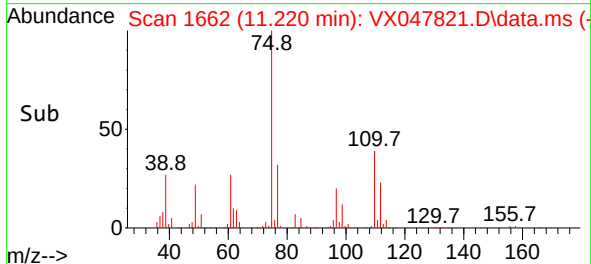
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



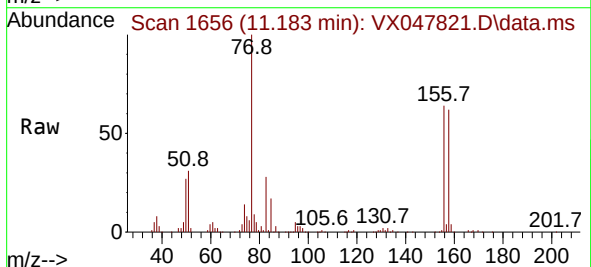
Tgt Ion: 75 Resp: 114963
Ion Ratio Lower Upper
75 100
77 36.7 18.8 56.4

Manual Integrations
APPROVED

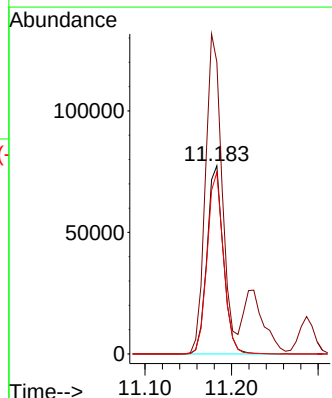
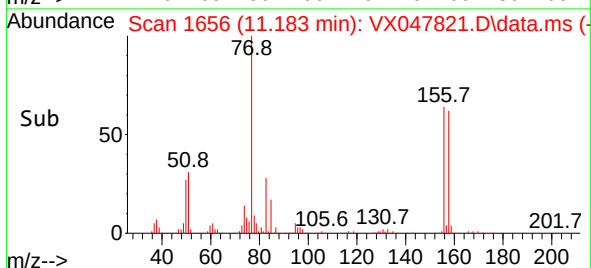
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

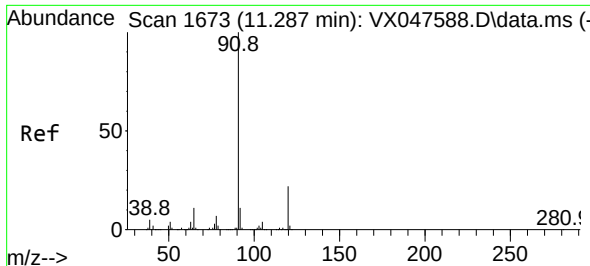


#77
Bromobenzene
Concen: 44.279 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



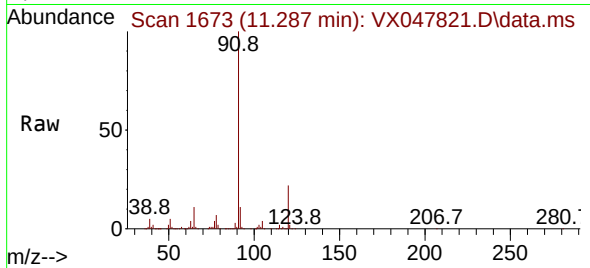
Tgt Ion:156 Resp: 101115
Ion Ratio Lower Upper
156 100
77 174.1 89.7 269.1
158 96.8 47.9 143.6





#78
n-propylbenzene
Concen: 41.741 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

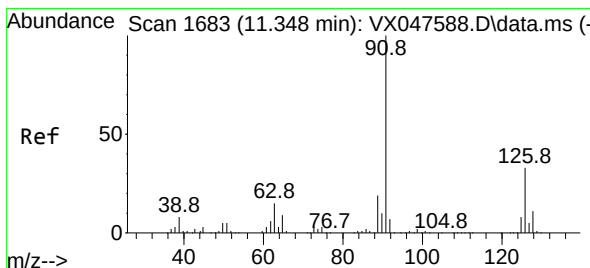
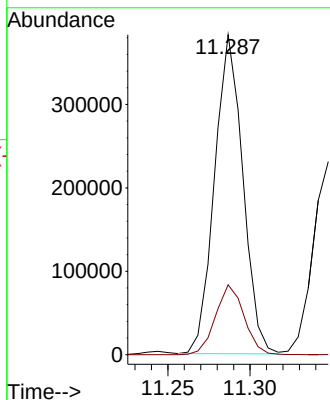
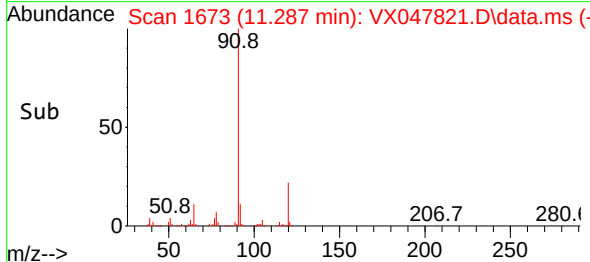
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



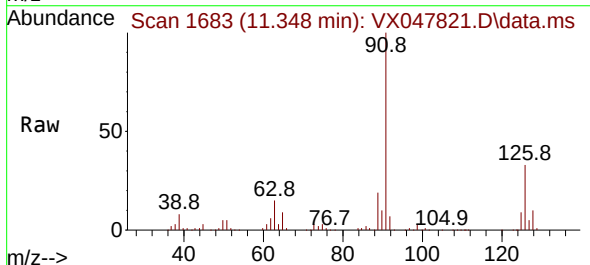
Tgt Ion: 91 Resp: 45750
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1

Manual Integrations
APPROVED

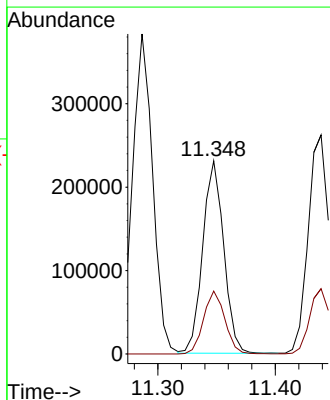
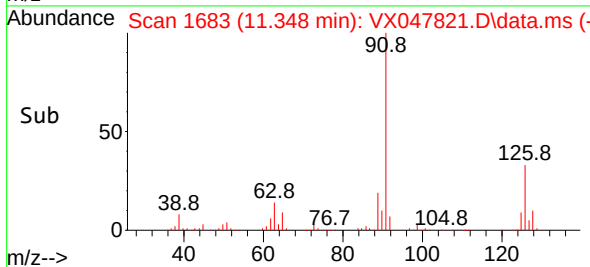
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

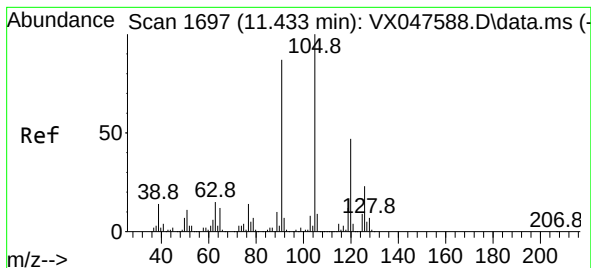


#79
2-Chlorotoluene
Concen: 42.772 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



Tgt Ion: 91 Resp: 287129
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 41.410 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX047821.D

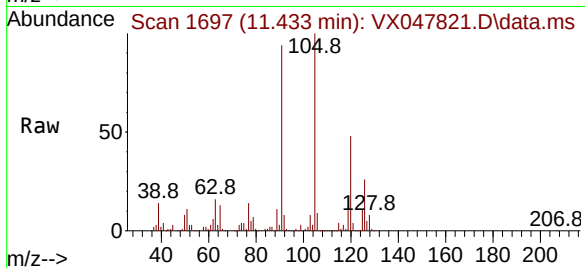
Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS



Tgt Ion:105 Resp: 31544

Ion Ratio Lower Upper

105 100

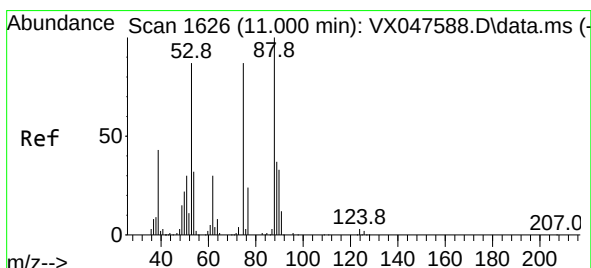
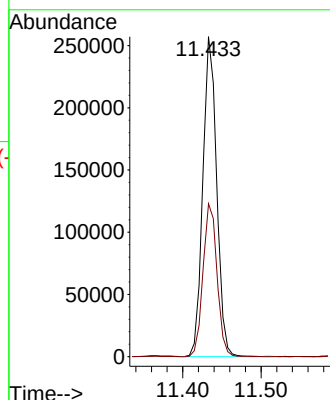
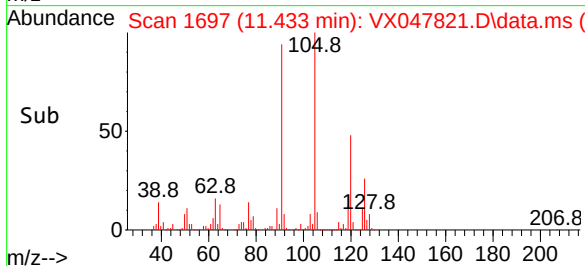
120 48.4 23.6 70.8

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: 28.954 ug/l

RT: 11.000 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

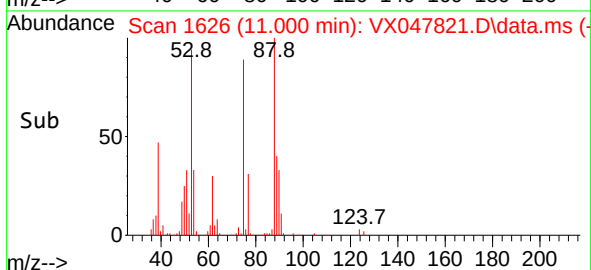
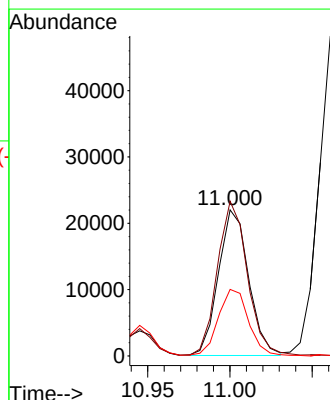
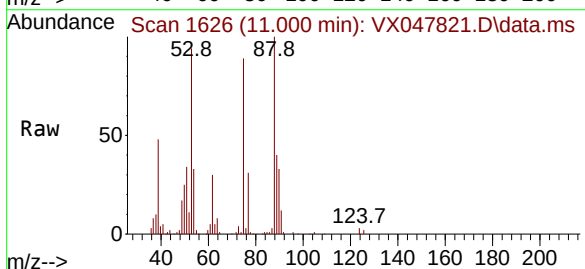
Tgt Ion: 75 Resp: 28035

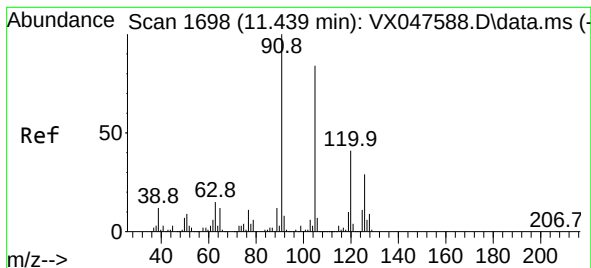
Ion Ratio Lower Upper

75 100

53 106.8 83.4 125.2

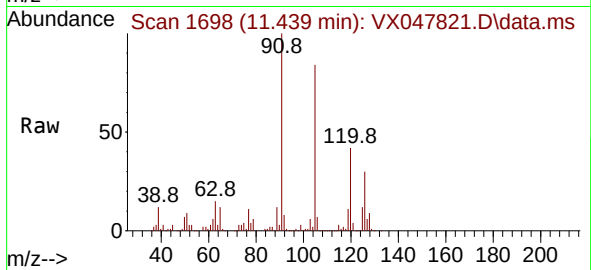
89 46.3 36.3 54.5





#82
4-Chlorotoluene
Concen: 42.152 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

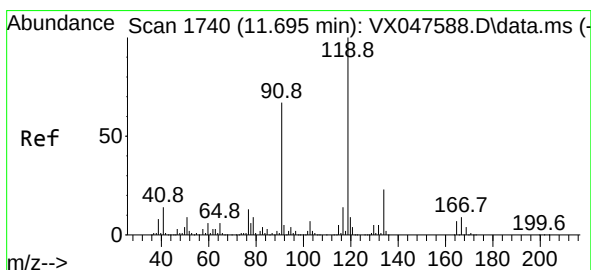
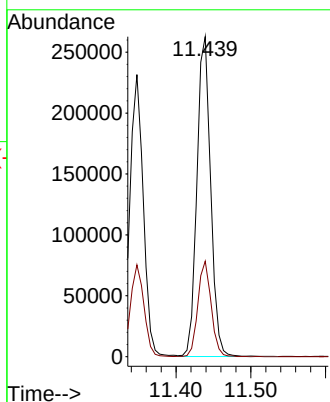
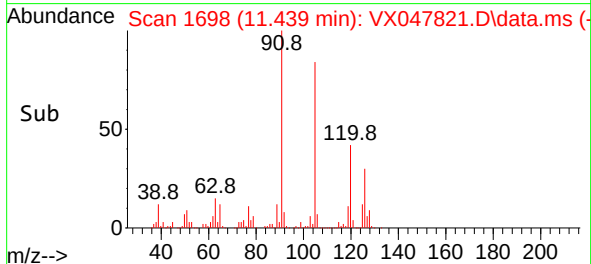
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion: 91 Resp: 334200
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6

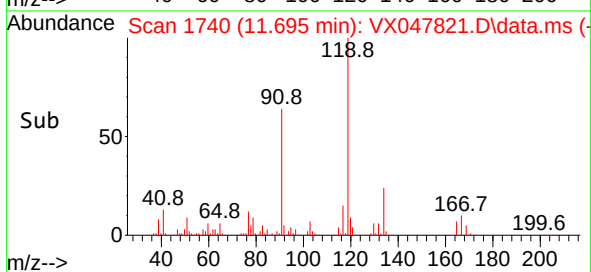
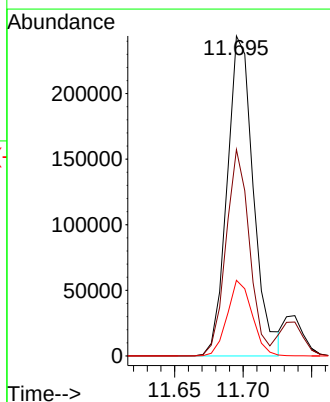
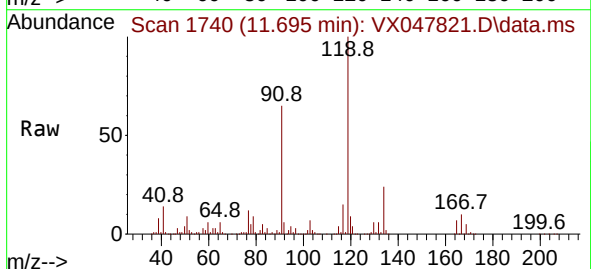
Manual Integrations
APPROVED

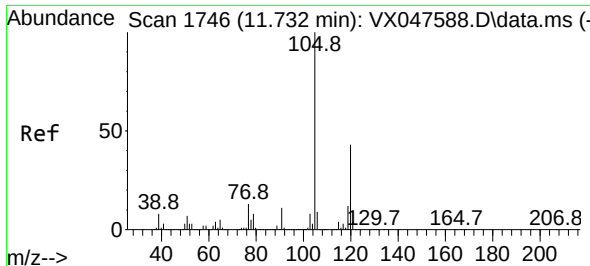
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#83
tert-Butylbenzene
Concen: 41.856 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

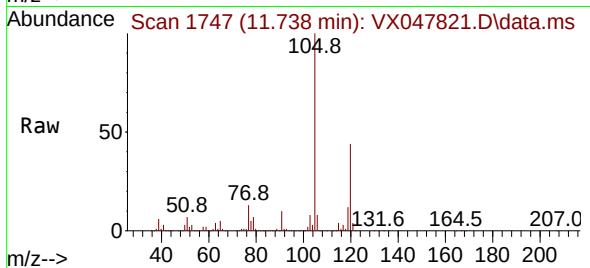
Tgt Ion:119 Resp: 326392
Ion Ratio Lower Upper
119 100
91 57.7 29.6 88.8
134 22.4 11.0 33.0





#84
1,2,4-Trimethylbenzene
Concen: 41.687 ug/l
RT: 11.738 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

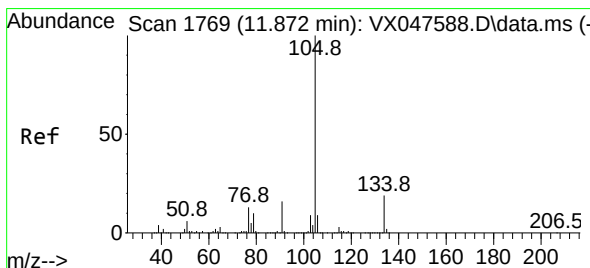
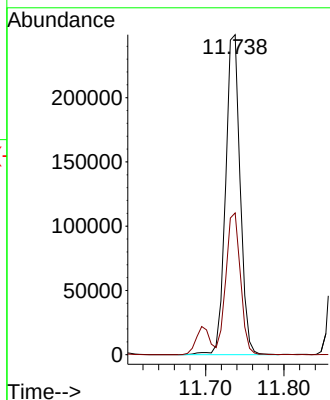
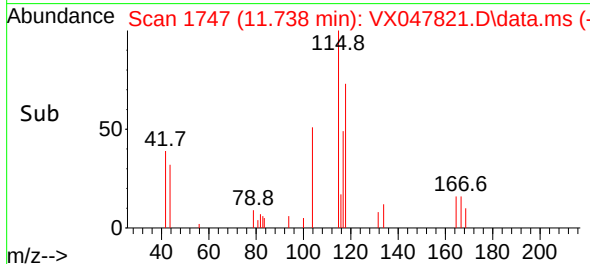
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



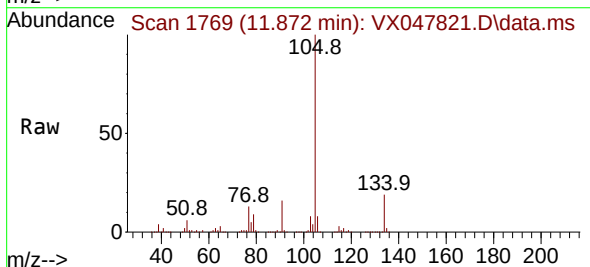
Tgt Ion:105 Resp: 32194
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1

Manual Integrations
APPROVED

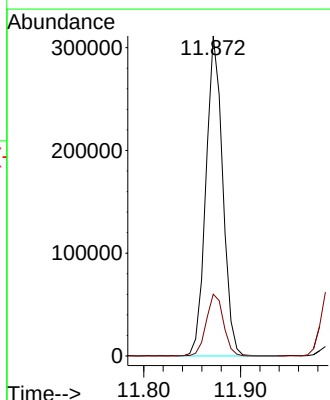
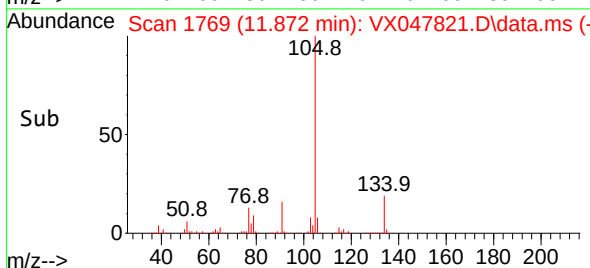
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

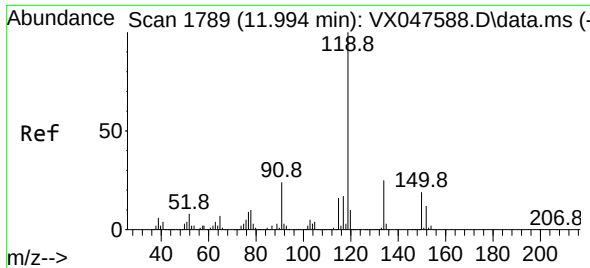


#85
sec-Butylbenzene
Concen: 40.602 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



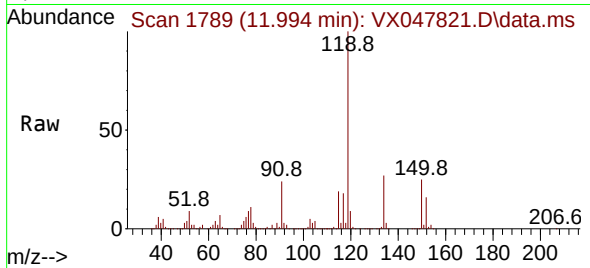
Tgt Ion:105 Resp: 376069
Ion Ratio Lower Upper
105 100
134 19.8 9.8 29.5





#86
p-Isopropyltoluene
Concen: 39.690 ug/l
RT: 11.994 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

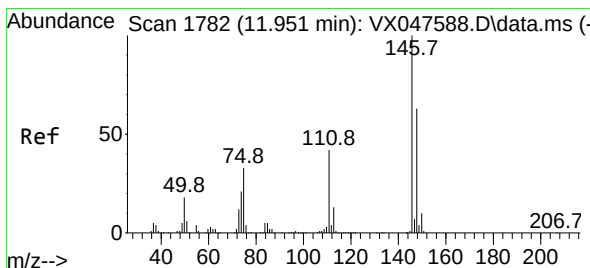
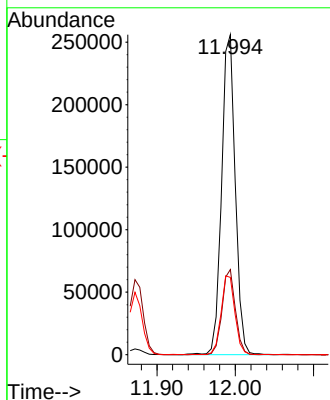
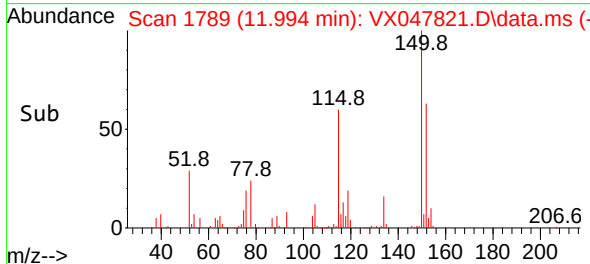
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



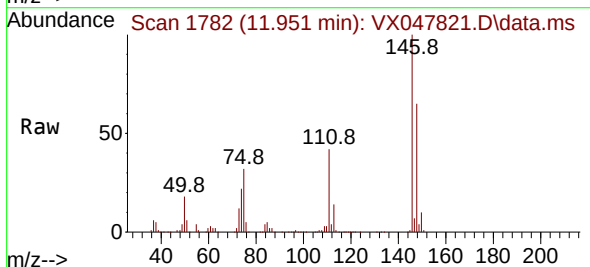
Tgt Ion:119 Resp: 311233
Ion Ratio Lower Upper
119 100
134 26.0 12.6 37.8
91 25.0 12.6 37.6

Manual Integrations
APPROVED

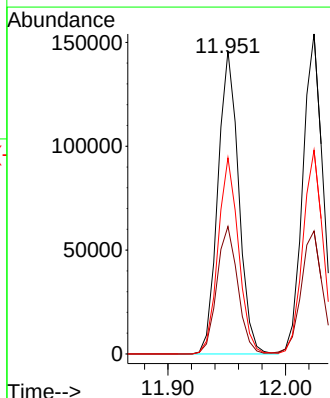
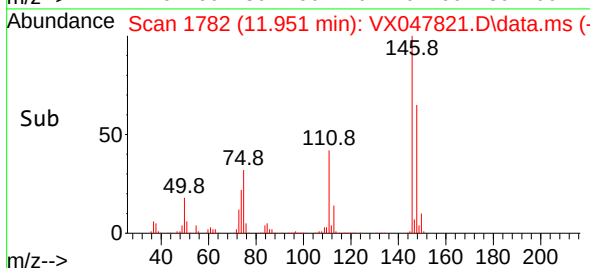
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

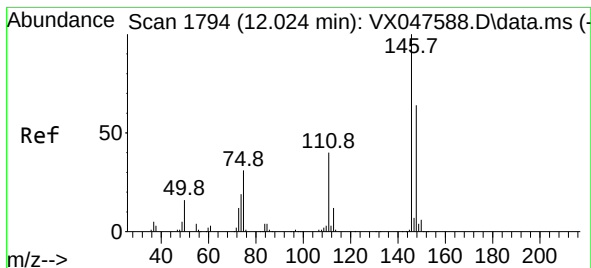


#87
1,3-Dichlorobenzene
Concen: 42.264 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27



Tgt Ion:146 Resp: 179265
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 63.9 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 42.260 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047821.D

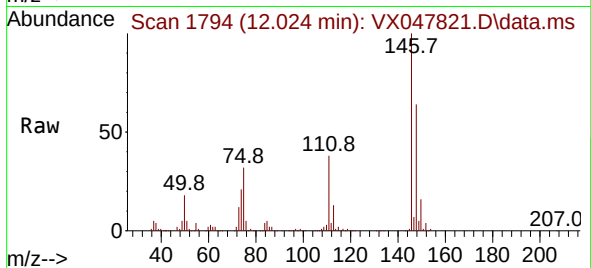
Acq: 25 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322MS



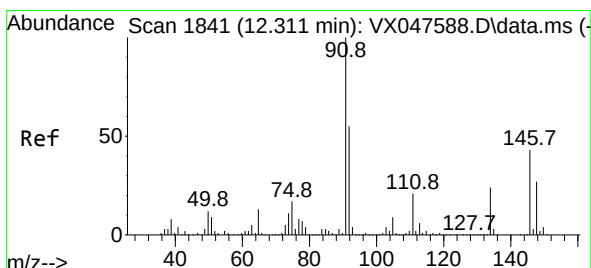
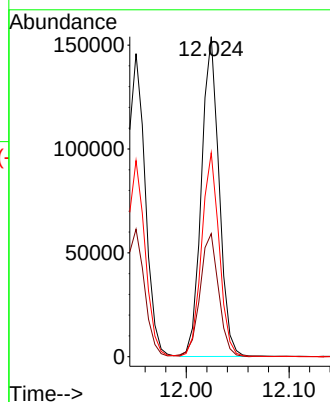
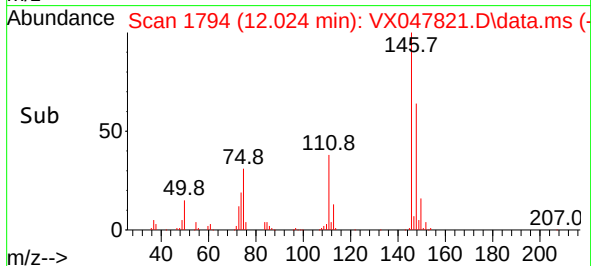
Tgt Ion:	146	Resp:	183970
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.8	62.4
148	63.6	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#89

n-Butylbenzene

Concen: 37.344 ug/l

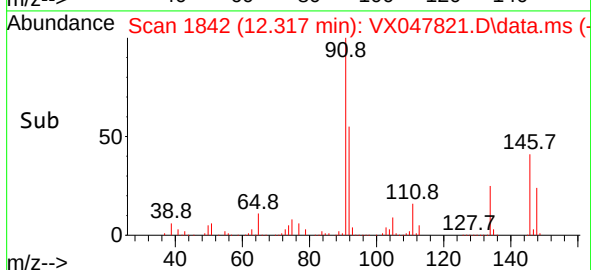
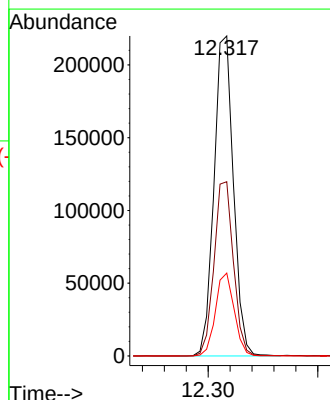
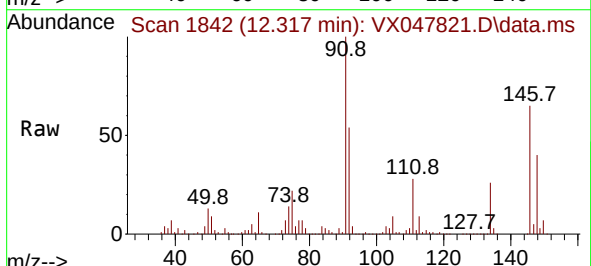
RT: 12.317 min Scan# 1842

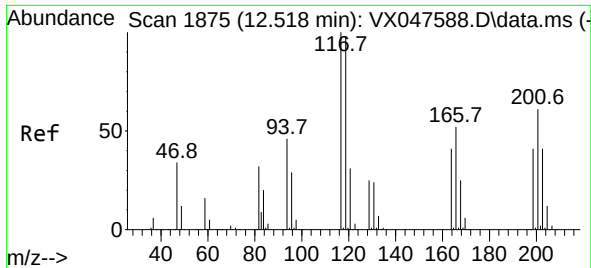
Delta R.T. 0.006 min

Lab File: VX047821.D

Acq: 25 Sep 2025 18:27

Tgt Ion:	91	Resp:	270965
Ion Ratio	Lower	Upper	
91	100		
92	54.5	27.6	82.7
134	25.0	12.6	37.8





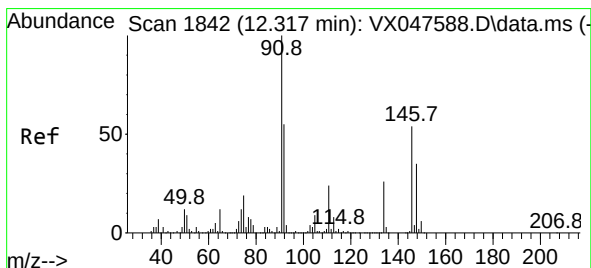
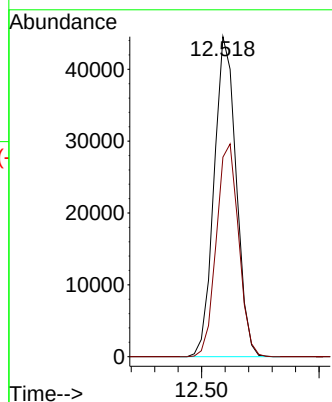
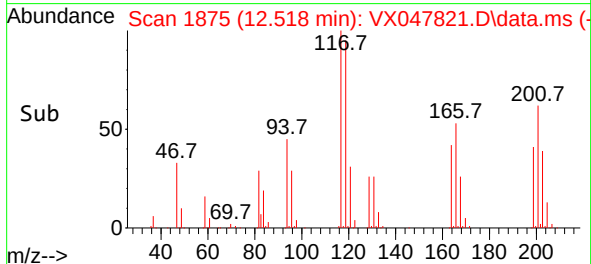
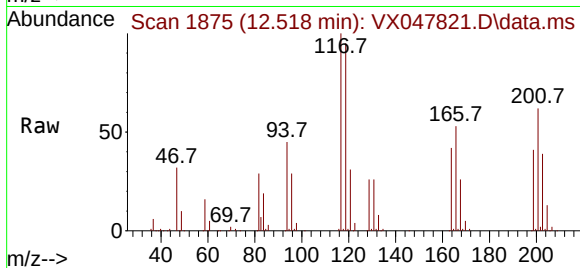
#90
Hexachloroethane
Concen: 42.390 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

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

Tgt Ion:117 Resp: 58360
Ion Ratio Lower Upper
117 100
201 67.0 34.2 102.5

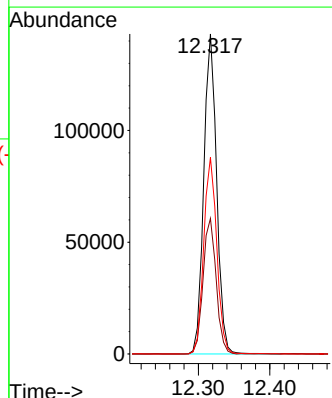
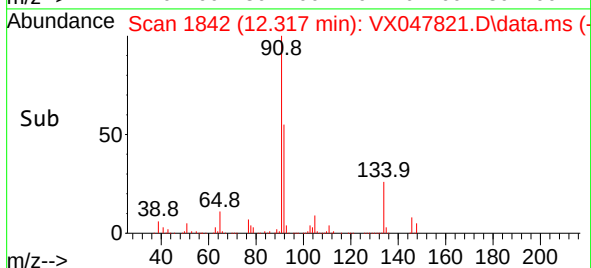
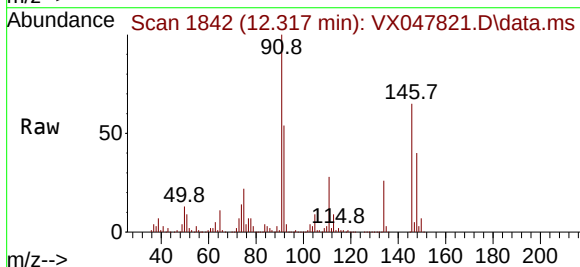
Manual Integrations
APPROVED

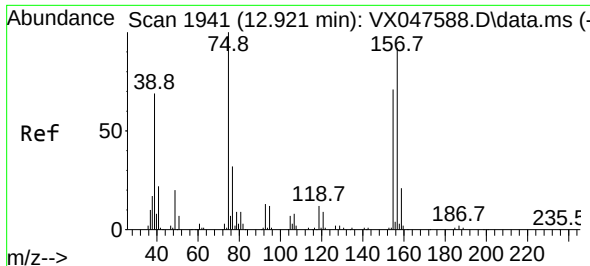
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#91
1,2-Dichlorobenzene
Concen: 44.295 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

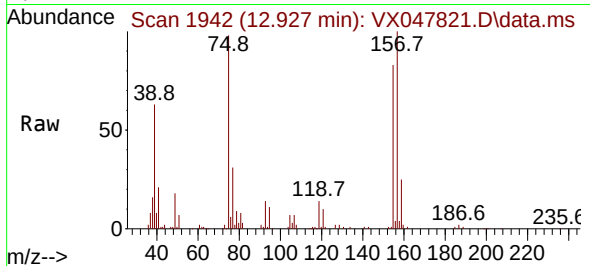
Tgt Ion:146 Resp: 178993
Ion Ratio Lower Upper
146 100
111 43.1 22.2 66.6
148 62.4 31.8 95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 46.383 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

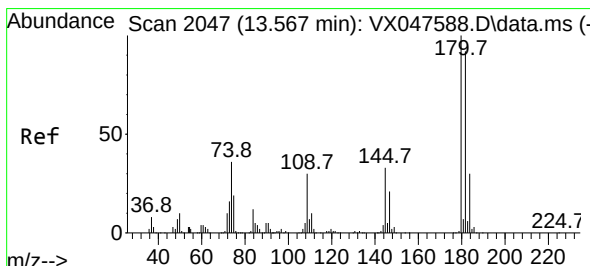
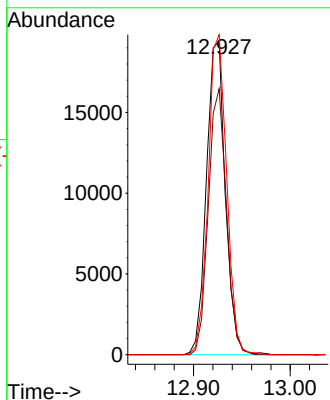
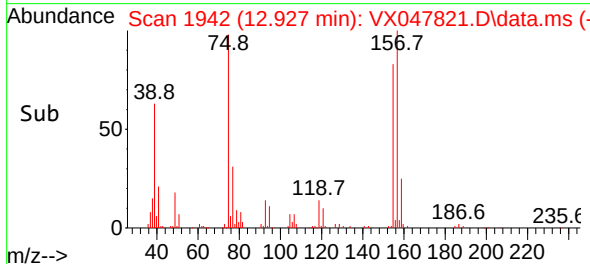
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS



Tgt Ion: 75 Resp: 2634
Ion Ratio Lower Upper
75 100
155 81.5 37.7 113.1
157 99.9 49.8 149.4

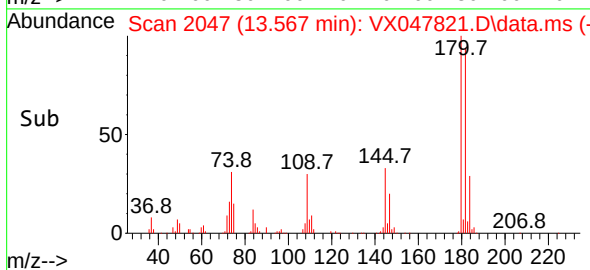
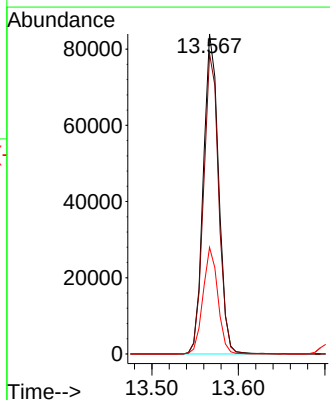
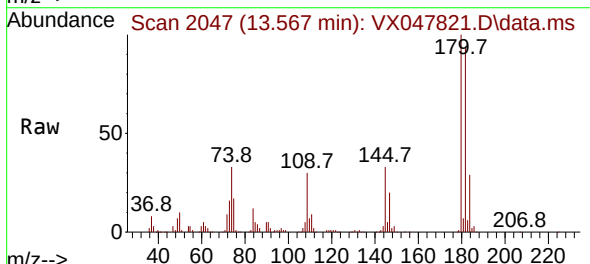
Manual Integrations
APPROVED

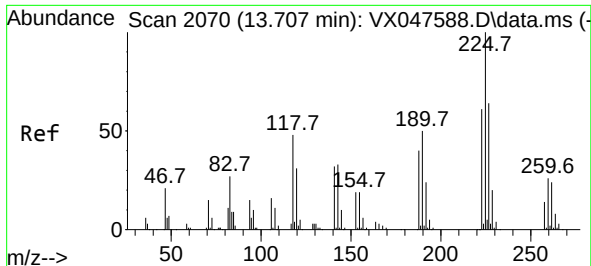
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#93
1,2,4-Trichlorobenzene
Concen: 39.085 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

Tgt Ion:180 Resp: 102648
Ion Ratio Lower Upper
180 100
182 93.1 46.6 139.8
145 32.3 16.4 49.1





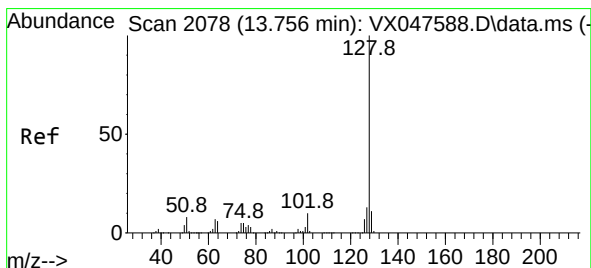
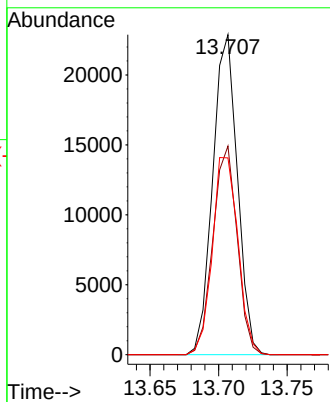
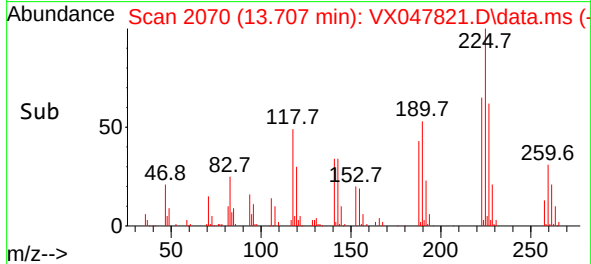
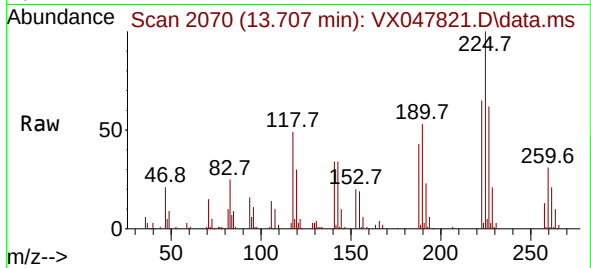
#94
Hexachlorobutadiene
Concen: 32.127 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

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

Tgt Ion:225 Resp: 28659
Ion Ratio Lower Upper
225 100
223 63.9 31.7 95.1
227 64.2 32.0 96.0

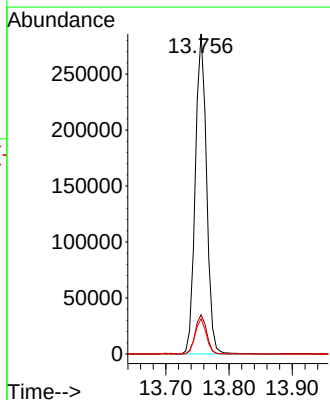
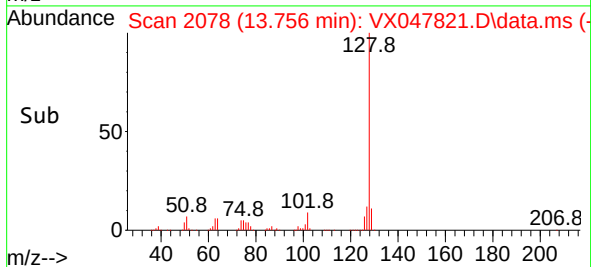
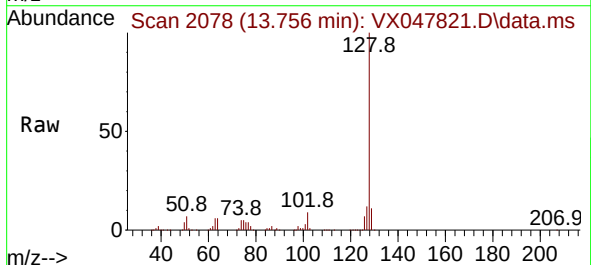
Manual Integrations
APPROVED

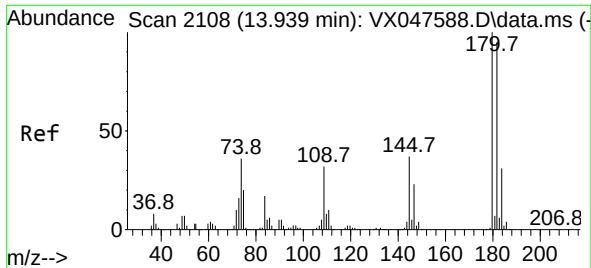
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#95
Naphthalene
Concen: 44.317 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047821.D
Acq: 25 Sep 2025 18:27

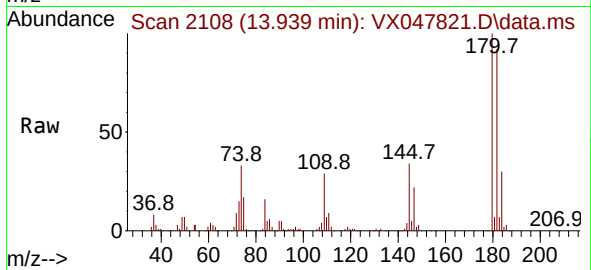
Tgt Ion:128 Resp: 354407
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.8 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 41.089 ug/l
 RT: 13.939 min Scan# 2108
 Delta R.T. -0.000 min
 Lab File: VX047821.D
 Acq: 25 Sep 2025 18:27

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



Tgt Ion:180 Resp: 100379
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.6 142.8
 145 34.3 17.9 53.7

Manual Integrations
 APPROVED

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

