

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043601.D
 Acq On : 29 Oct 2024 16:48
 Operator : JC/MD
 Sample : P4600-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190-GW-438-440

Quant Time: Oct 30 01:35:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98914	43.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.540%
35) Dibromofluoromethane	5.385	113	81013	45.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.420%
50) Toluene-d8	8.647	98	309660	49.920	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.840%
62) 4-Bromofluorobenzene	11.079	95	110843	48.222	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.440%

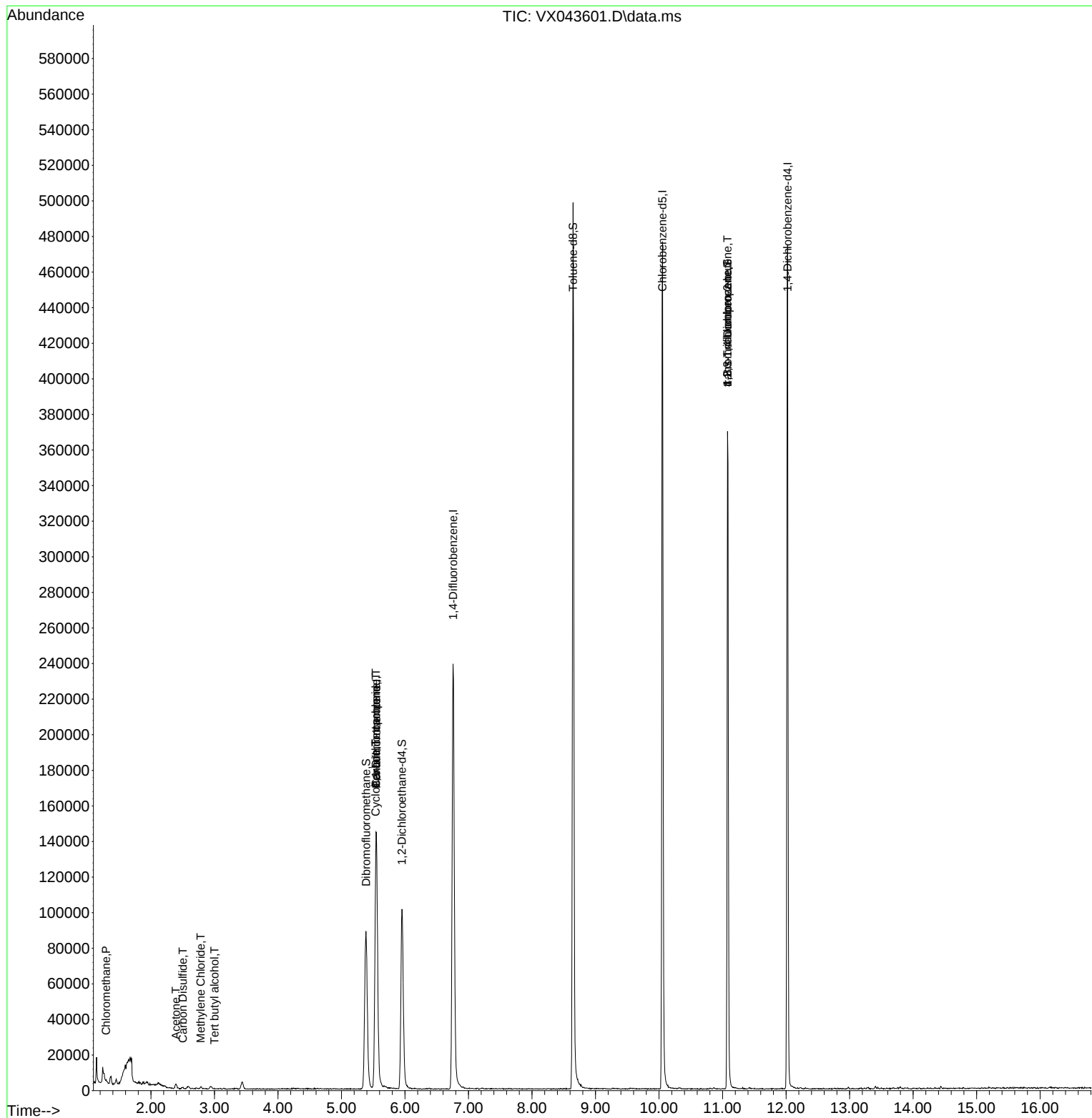
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	658	0.336	ug/l #	87
11) Tert butyl alcohol	3.001	59	123	0.288	ug/l #	100
16) Acetone	2.392	43	2979	3.281	ug/l	99
17) Carbon Disulfide	2.501	76	704	0.219	ug/l #	75
20) Methylene Chloride	2.782	84	433	0.221	ug/l #	74
31) Cyclohexane	5.537	56	2872	1.190	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10547	4.964	ug/l #	50
38) Carbon Tetrachloride	5.544	117	14957	6.371	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	54167	23.901	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	54167	65.752	ug/l #	7

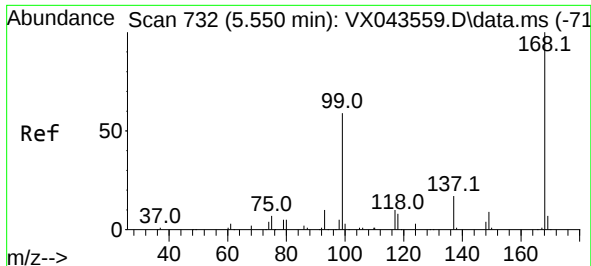
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

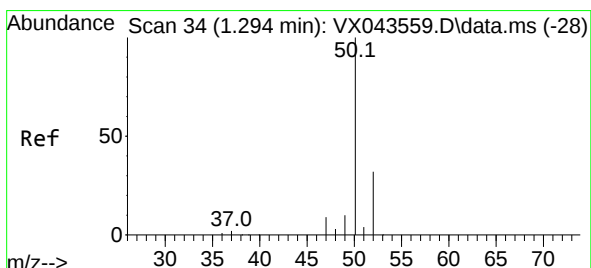
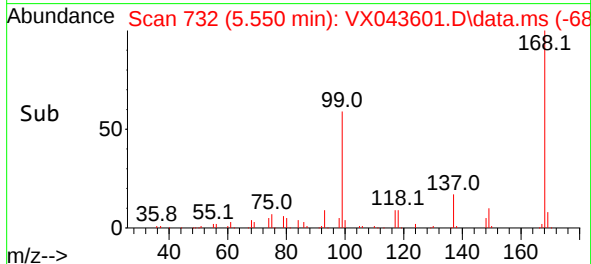
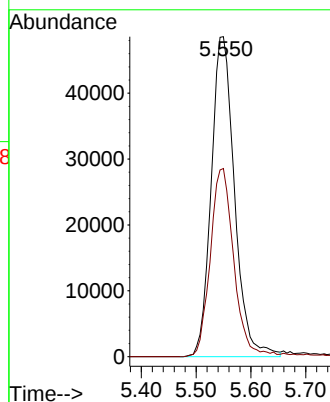
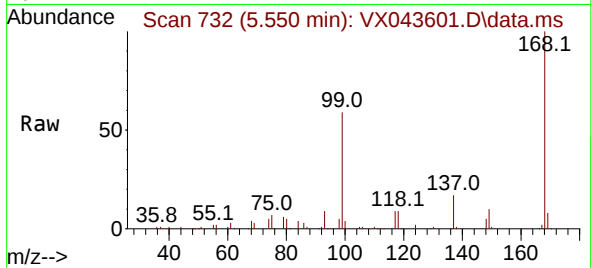




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

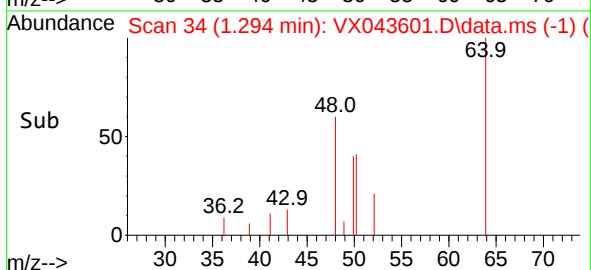
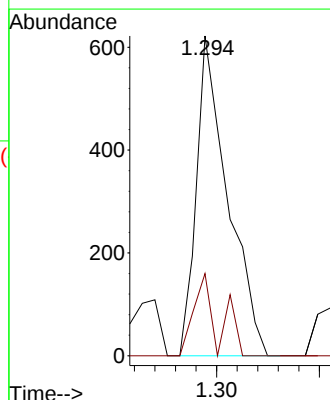
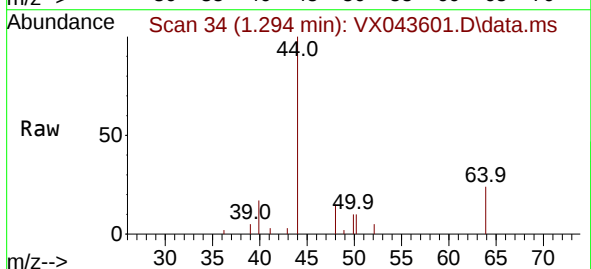
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-438-440

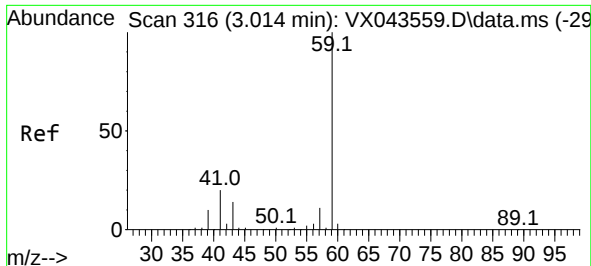
Tgt Ion:168 Resp: 143380
Ion Ratio Lower Upper
168 100
99 58.8 52.6 78.8



#3
Chloromethane
Concen: 0.336 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 25.7 26.3 39.5#

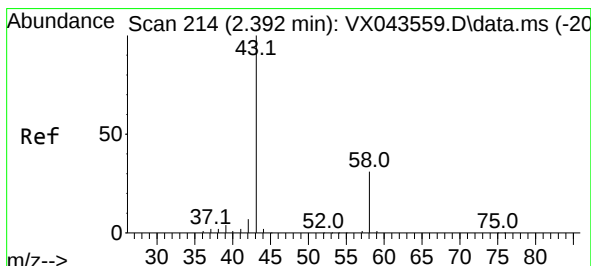
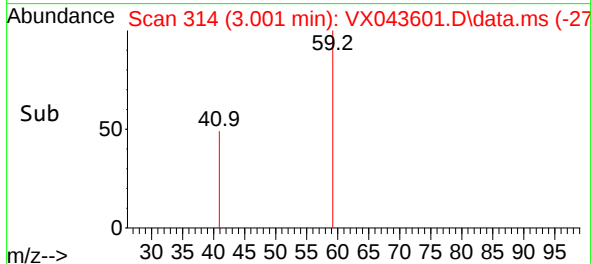
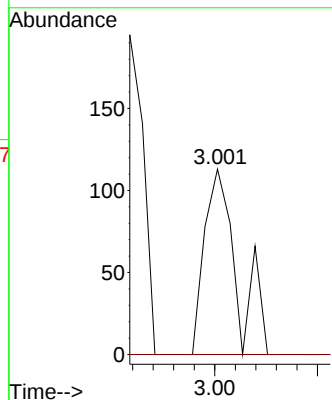
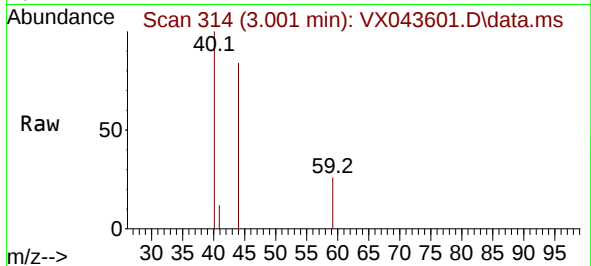




#11
Tert butyl alcohol
Concen: 0.288 ug/l
RT: 3.001 min Scan# 316
Delta R.T. -0.049 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

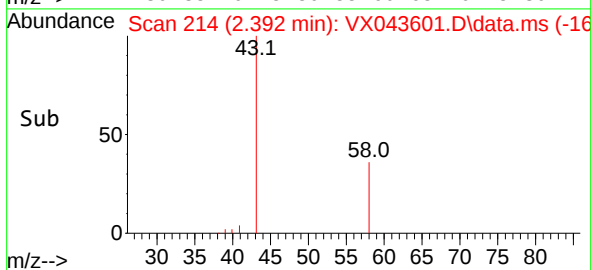
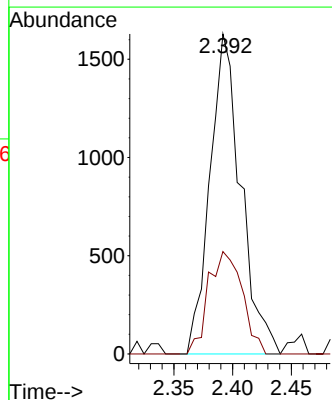
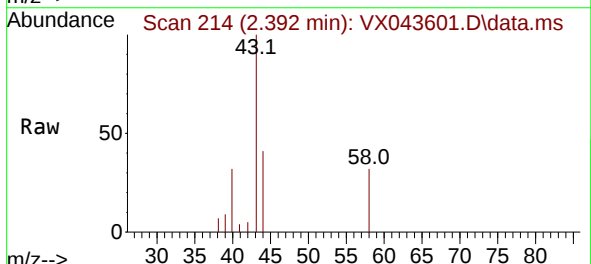
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-438-440

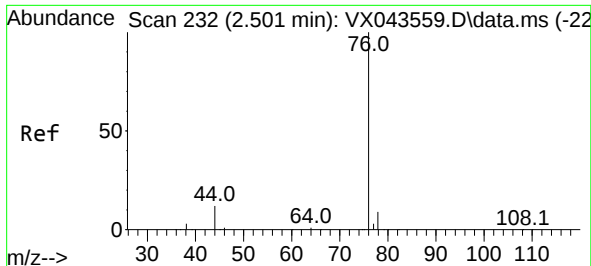
Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 3.281 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Tgt Ion: 43 Resp: 2979
Ion Ratio Lower Upper
43 100
58 32.0 25.1 37.7





#17

Carbon Disulfide

Concen: 0.219 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043601.D

Acq: 29 Oct 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

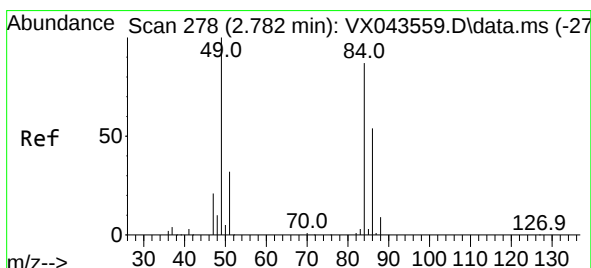
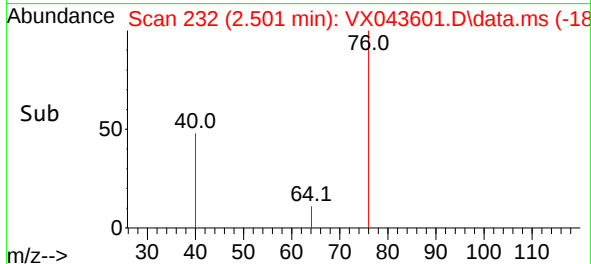
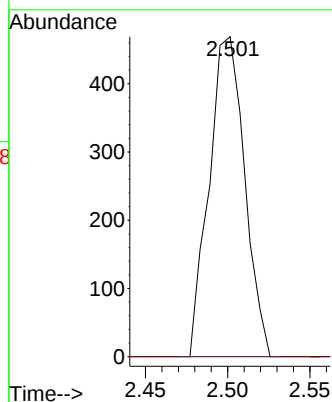
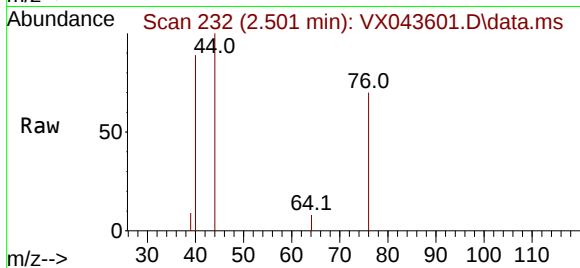
BP-VPB-190-GW-438-440

Tgt Ion: 76 Resp: 704

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



#20

Methylene Chloride

Concen: 0.221 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043601.D

Acq: 29 Oct 2024 16:48

Tgt Ion: 84 Resp: 433

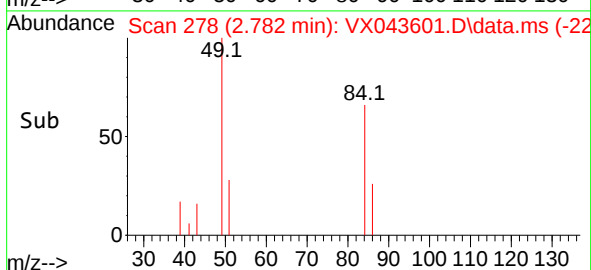
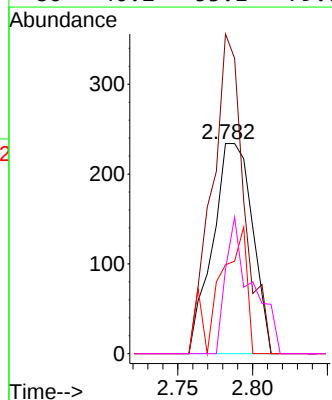
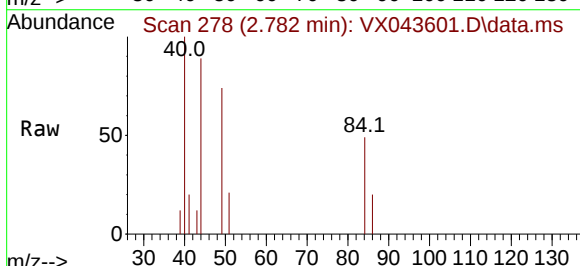
Ion Ratio Lower Upper

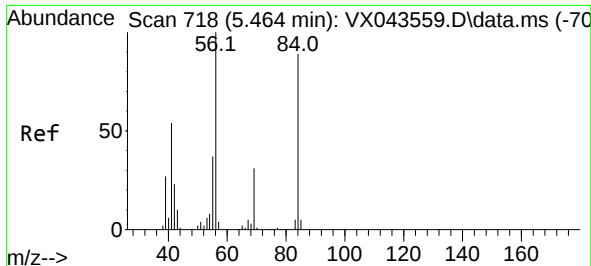
84 100

49 152.1 97.0 145.6#

51 42.3 29.8 44.8

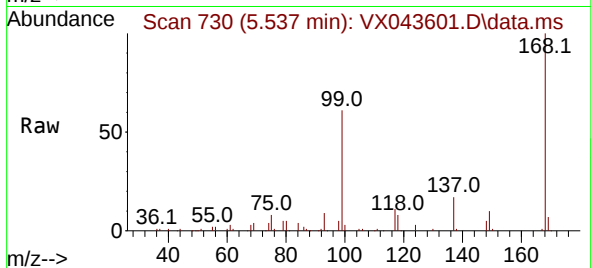
86 40.2 53.1 79.7#



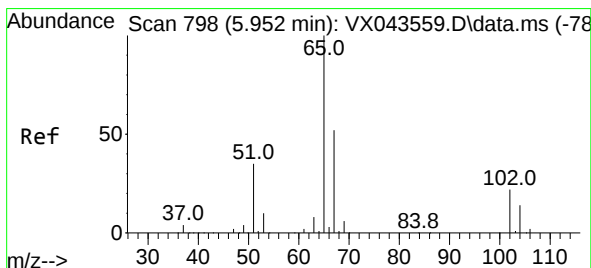
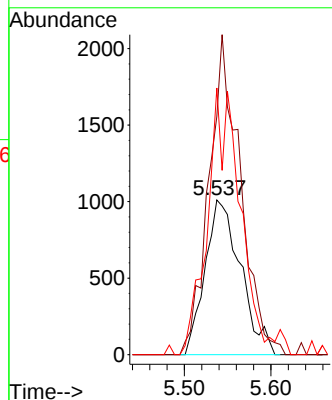
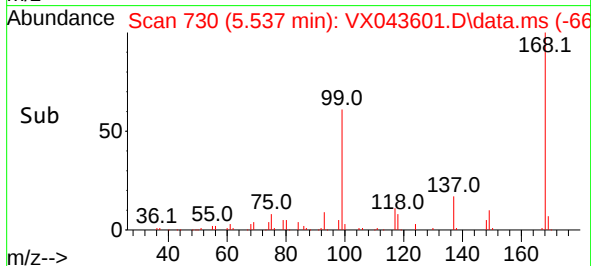


#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-438-440

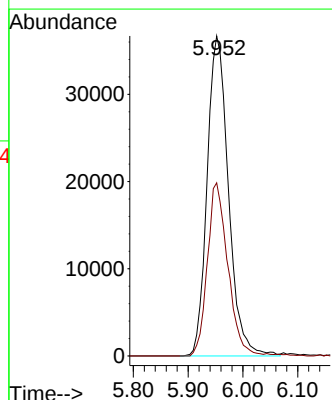
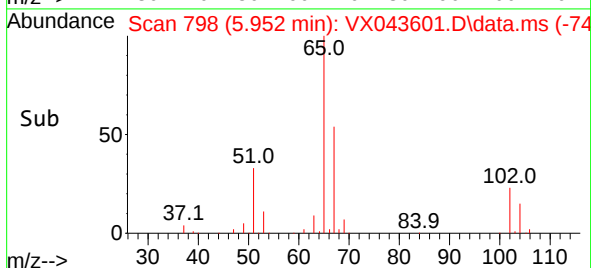
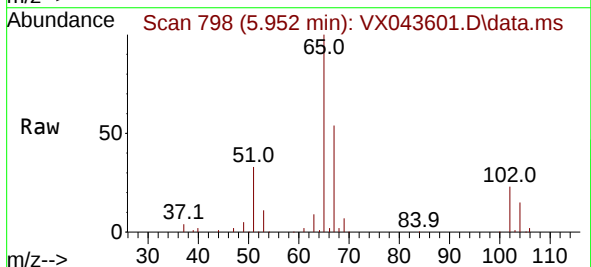


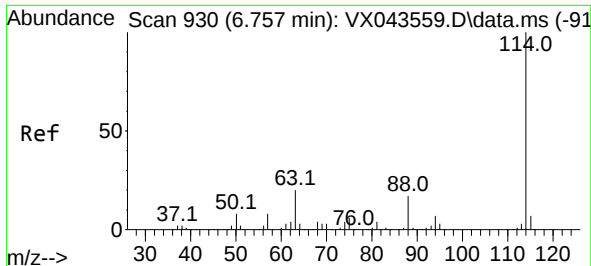
Tgt Ion: 56 Resp: 2872
Ion Ratio Lower Upper
56 100
69 154.0 24.9 37.3#
84 172.4 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 43.265 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Tgt Ion: 65 Resp: 98914
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4

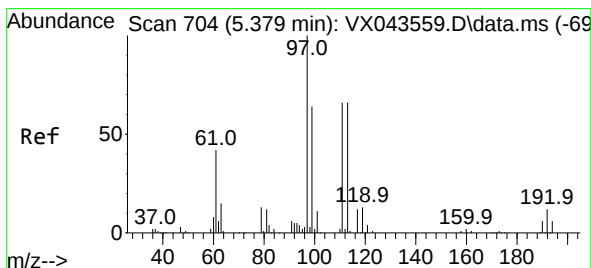
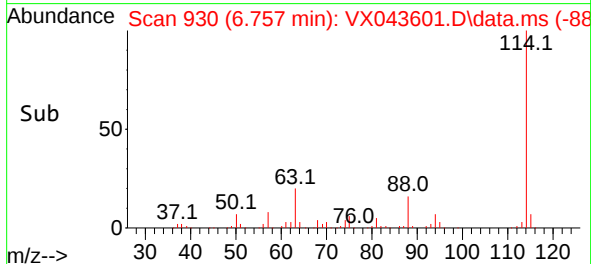
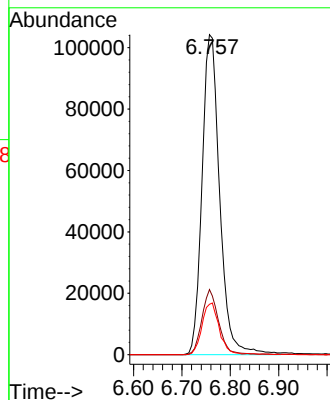
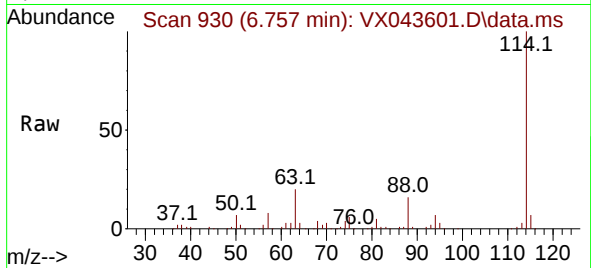




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

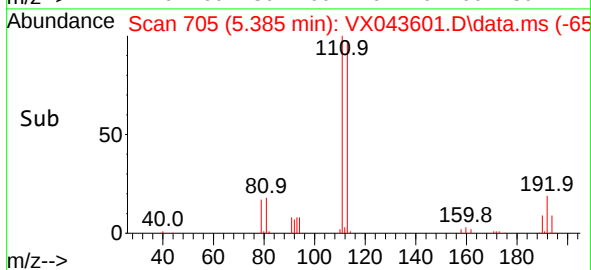
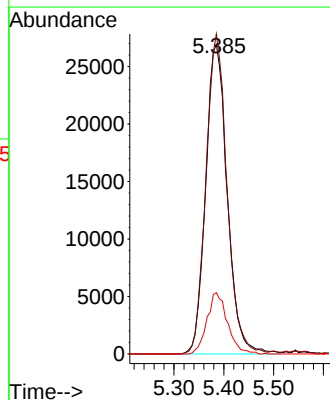
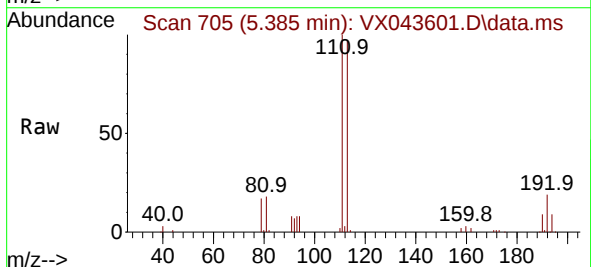
Instrument :
MSVOA_X
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BP-VPB-190-GW-438-440

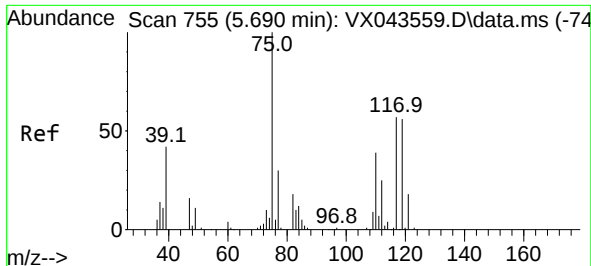
Tgt Ion:114 Resp: 264264
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.2
88 15.8 0.0 34.0



#35
Dibromofluoromethane
Concen: 45.209 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Tgt Ion:113 Resp: 81013
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 18.8 14.1 21.1

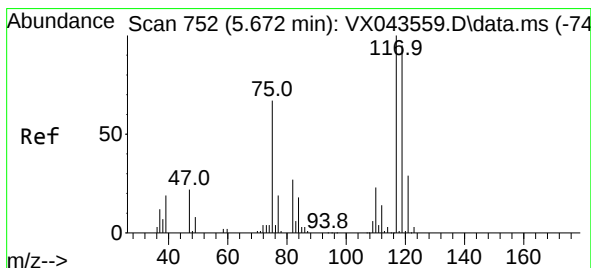
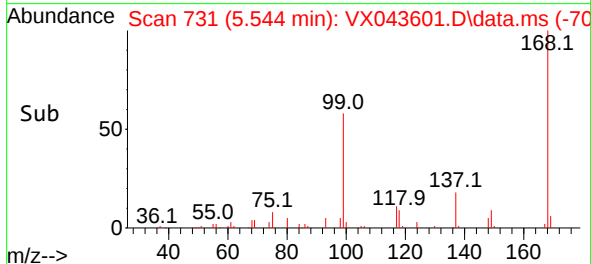
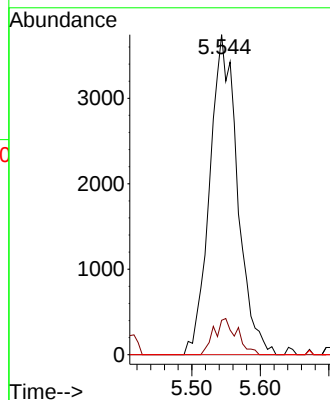
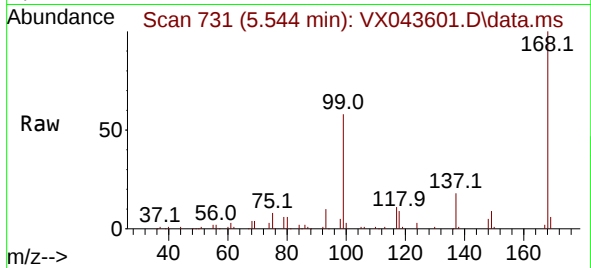




#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

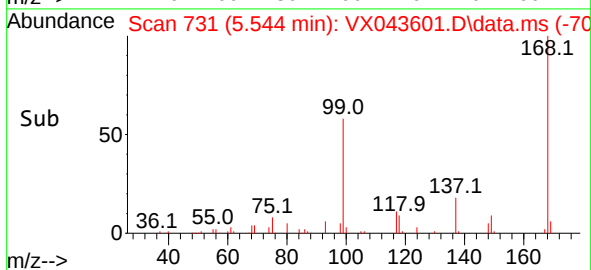
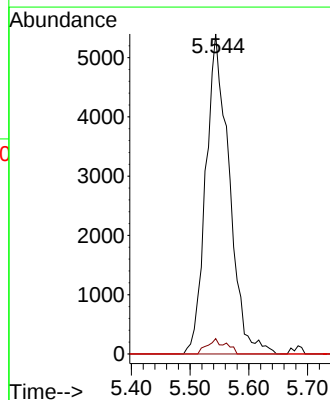
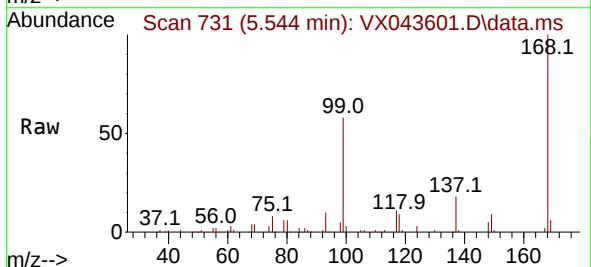
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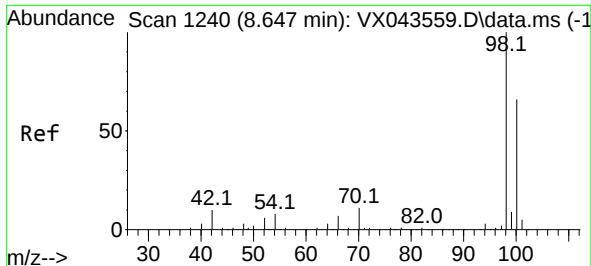
Tgt Ion: 75 Resp: 10547
Ion Ratio Lower Upper
75 100
110 9.4 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.371 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Tgt Ion: 117 Resp: 14957
Ion Ratio Lower Upper
117 100
119 4.8 77.0 115.6#
121 0.0 24.7 37.1#

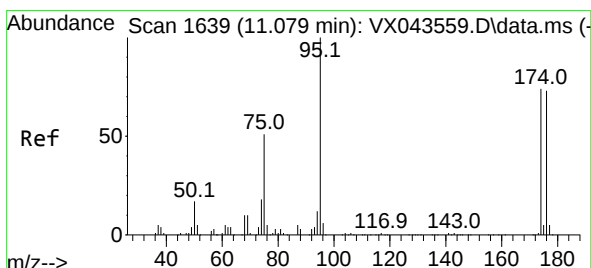
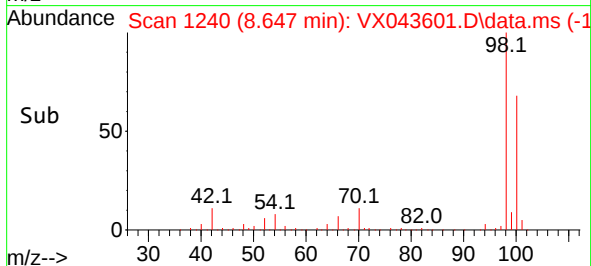
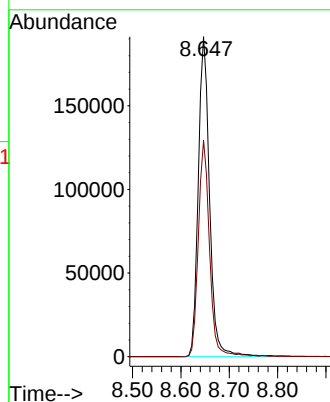
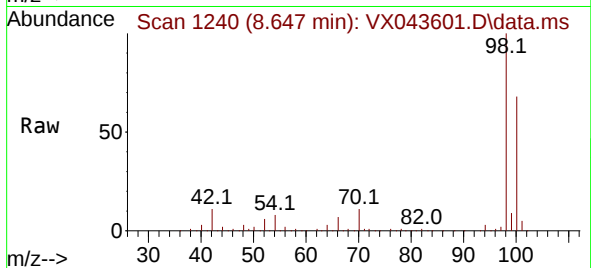




#50
Toluene-d8
Concen: 49.920 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

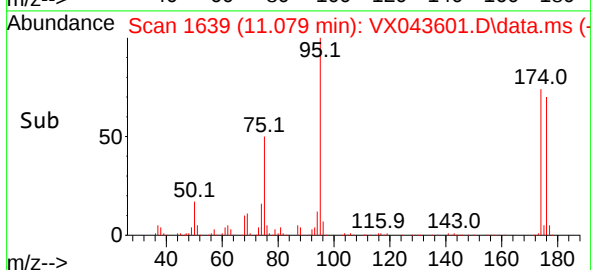
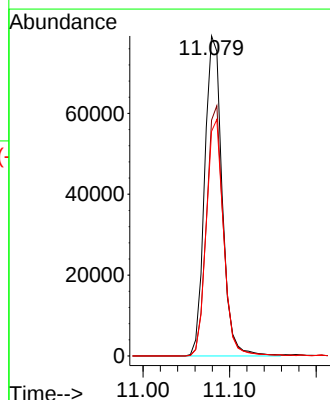
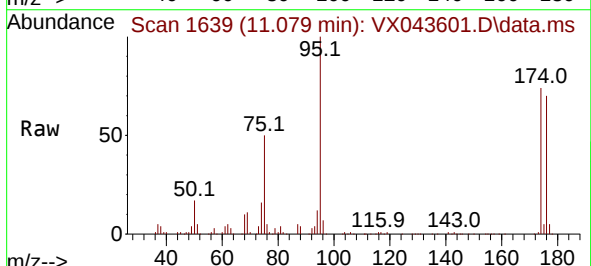
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-438-440

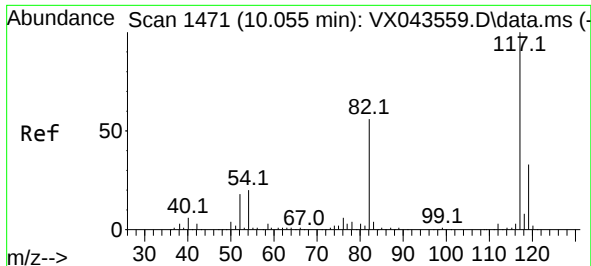
Tgt Ion: 98 Resp: 309660
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 48.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Tgt Ion: 95 Resp: 110843
Ion Ratio Lower Upper
95 100
174 75.8 0.0 146.6
176 73.3 0.0 139.6

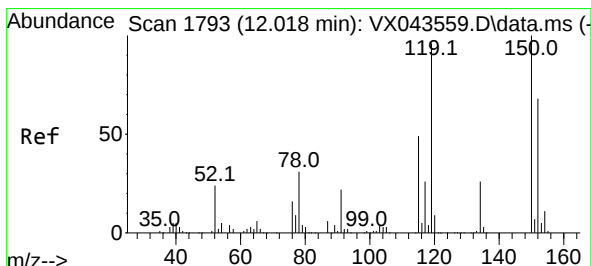
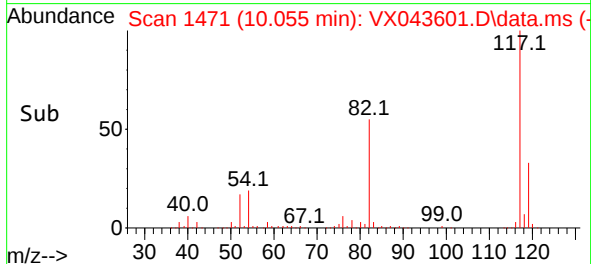
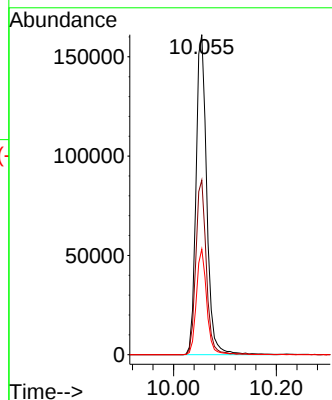
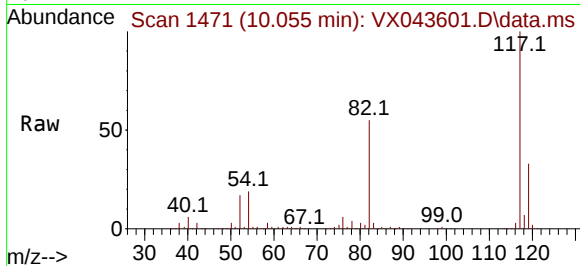




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

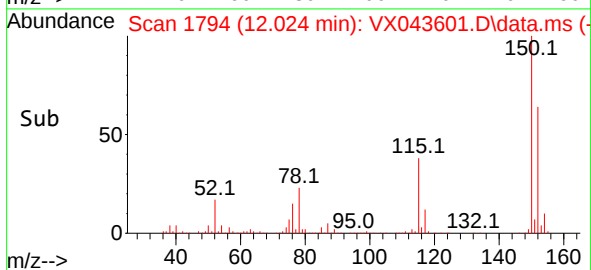
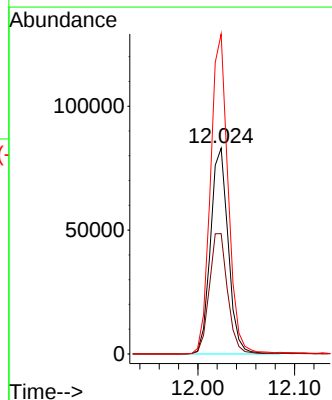
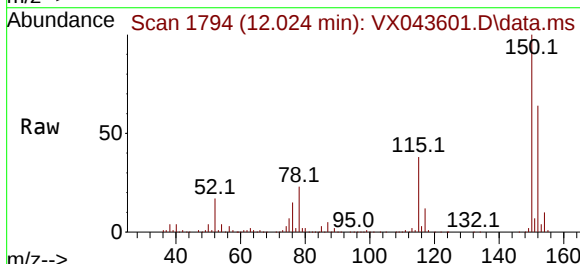
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-438-440

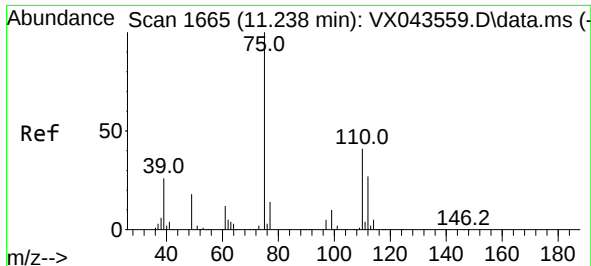
Tgt Ion:117 Resp: 234277
Ion Ratio Lower Upper
117 100
82 54.6 42.1 63.1
119 33.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Tgt Ion:152 Resp: 105995
Ion Ratio Lower Upper
152 100
115 60.3 42.9 128.7
150 155.8 0.0 343.6

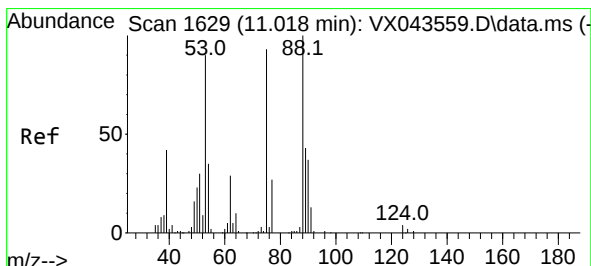
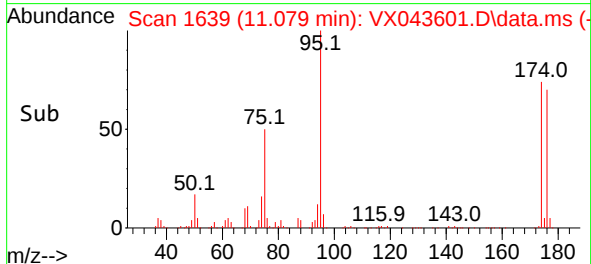
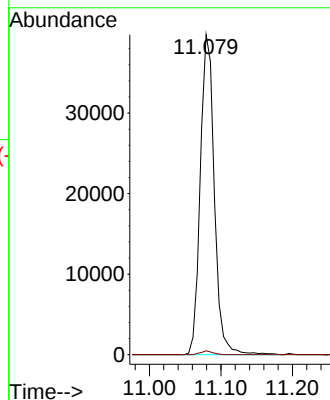
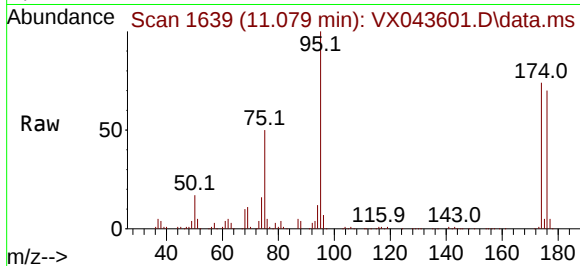




#76
1,2,3-Trichloropropane
Concen: 23.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-438-440

Tgt Ion: 75 Resp: 54167
Ion Ratio Lower Upper
75 100
77 1.0 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.752 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043601.D
Acq: 29 Oct 2024 16:48

Tgt Ion: 75 Resp: 54167
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

