

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046298.D
 Acq On : 21 May 2025 15:29
 Operator : JC/MD
 Sample : Q2082-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-280-282

Quant Time: May 22 01:50:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

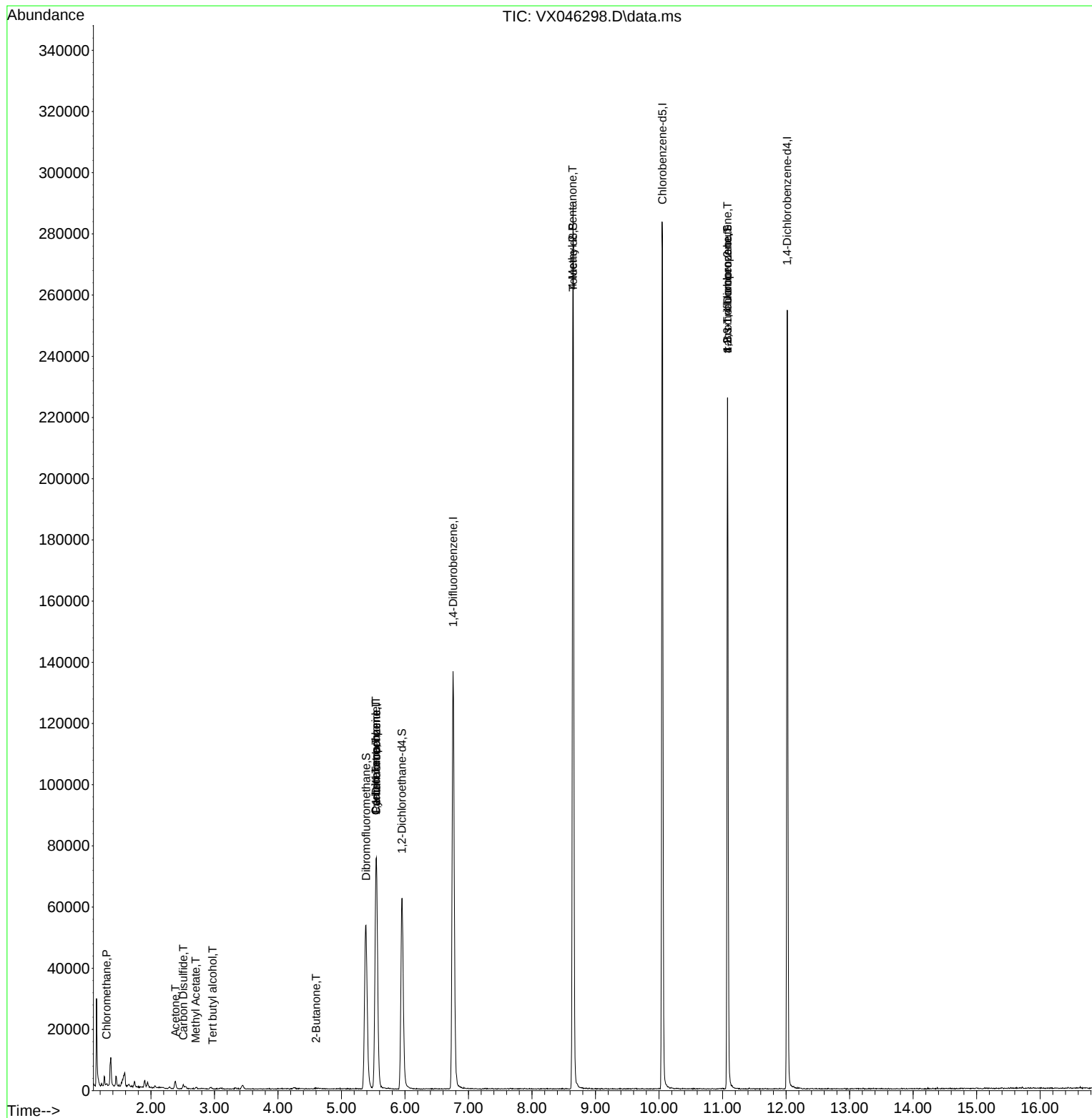
Internal Standards						
1) Pentafluorobenzene	5.550	168	65611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64089	52.395	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.780%			
35) Dibromofluoromethane	5.385	113	46926	50.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	8.647	98	160017	49.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.740%			
62) 4-Bromofluorobenzene	11.079	95	59992	48.249	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.500%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	841	0.864	ug/l	100
11) Tert butyl alcohol	2.971	59	128	0.745	ug/l #	72
16) Acetone	2.385	43	2915	5.944	ug/l	92
17) Carbon Disulfide	2.507	76	1472	0.798	ug/l #	95
18) Methyl Acetate	2.702	43	347	0.305	ug/l #	55
25) 2-Butanone	4.598	43	207	0.291	ug/l #	53
31) Cyclohexane	5.543	56	2060	1.413	ug/l #	48
36) 1,1-Dichloropropene	5.543	75	6574	5.224	ug/l #	52
38) Carbon Tetrachloride	5.543	117	7626	5.394	ug/l #	16
51) 4-Methyl-2-Pentanone	8.640	43	900	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34565	30.202	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34565	98.327	ug/l #	1

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

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Instrument :
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ClientSampleId :
BP-VPB-182-GW-280-282

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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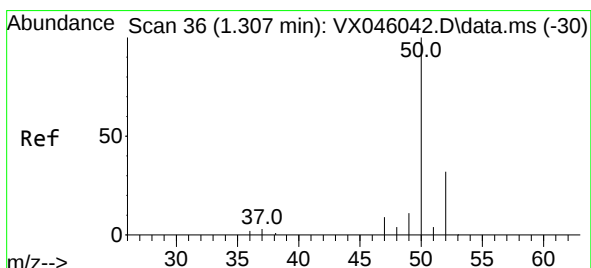
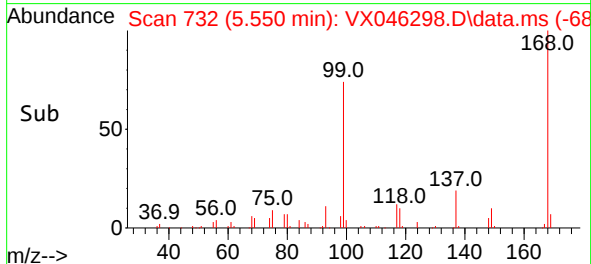
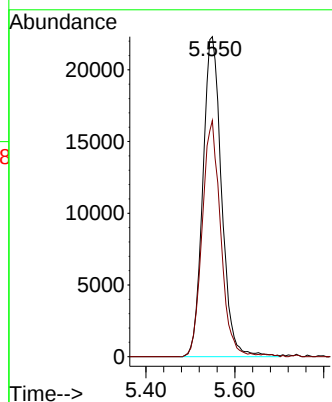
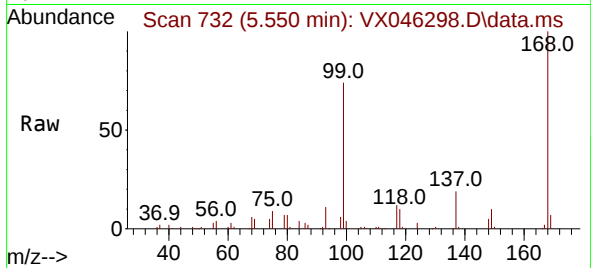




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

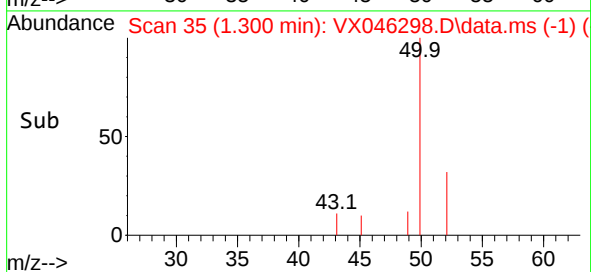
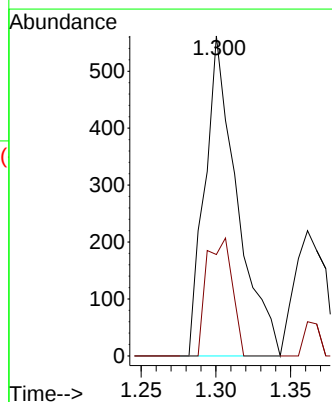
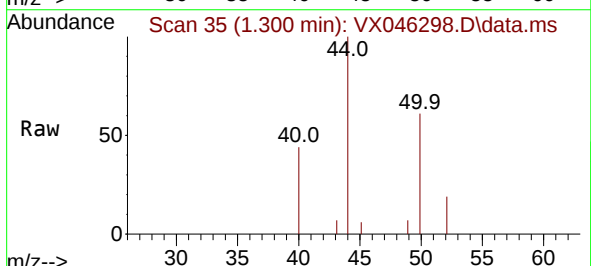
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-280-282

Tgt Ion:168 Resp: 65611
Ion Ratio Lower Upper
168 100
99 73.8 54.9 82.3



#3
Chloromethane
Concen: 0.864 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

Tgt Ion: 50 Resp: 841
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2

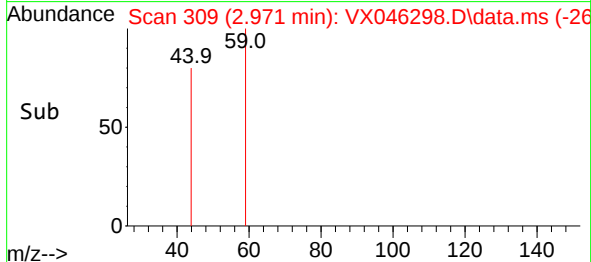
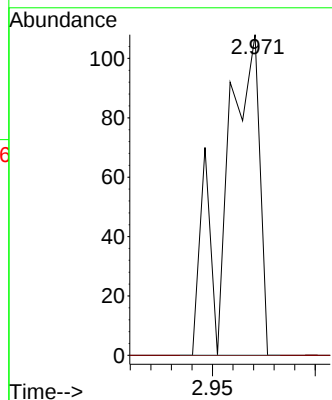
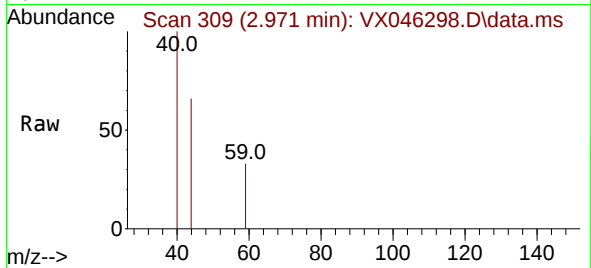




#11
Tert butyl alcohol
Concen: 0.745 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

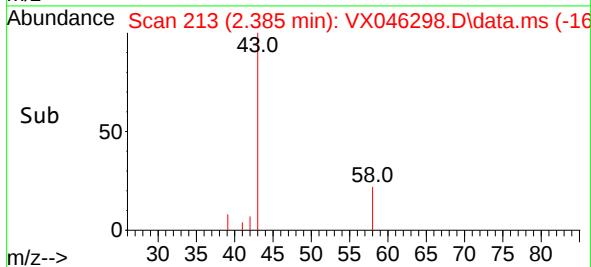
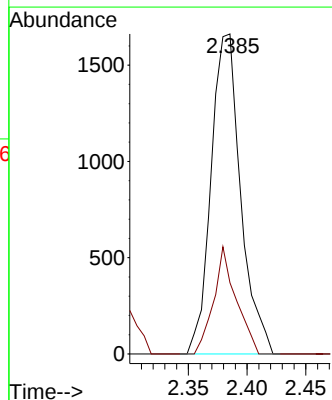
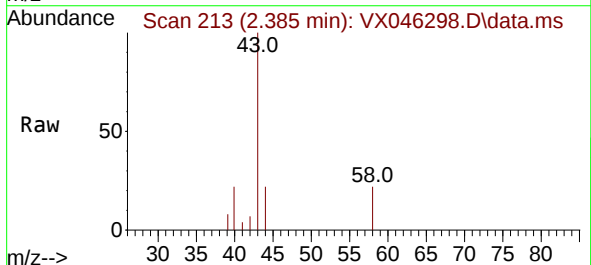
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-280-282

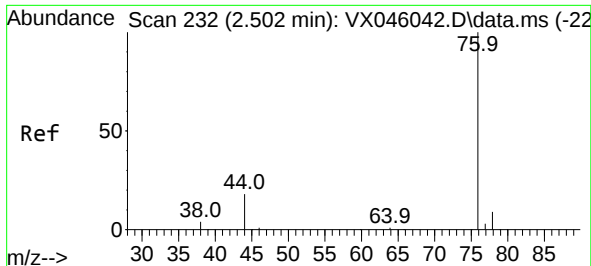
Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 5.944 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

Tgt Ion: 43 Resp: 2915
Ion Ratio Lower Upper
43 100
58 22.3 21.2 31.8





#17

Carbon Disulfide

Concen: 0.798 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046298.D

Acq: 21 May 2025 15:29

Instrument :

MSVOA_X

ClientSampleId :

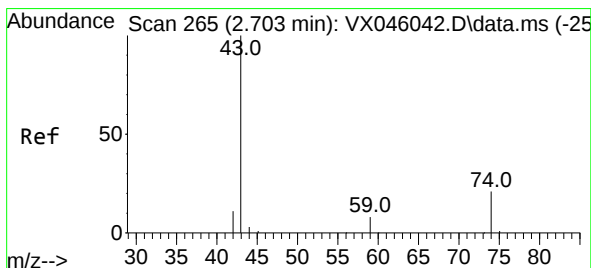
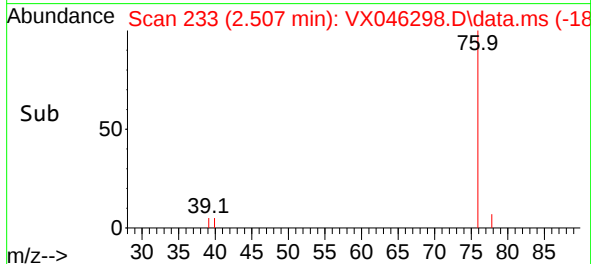
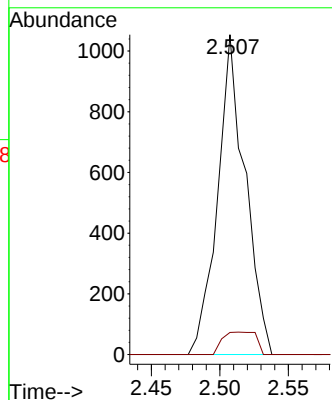
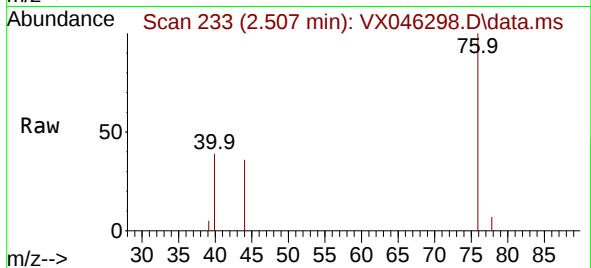
BP-VPB-182-GW-280-282

Tgt Ion: 76 Resp: 1472

Ion Ratio Lower Upper

76 100

78 6.9 7.0 10.4#



#18

Methyl Acetate

Concen: 0.305 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046298.D

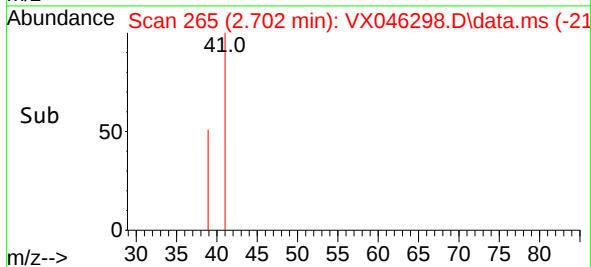
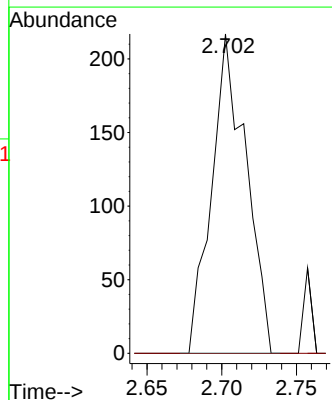
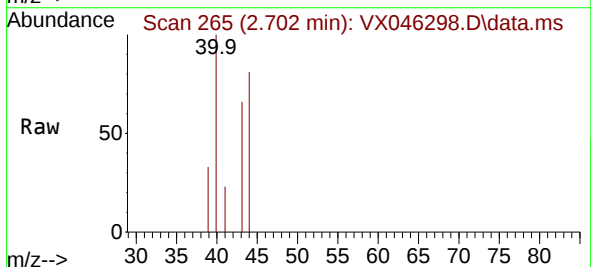
Acq: 21 May 2025 15:29

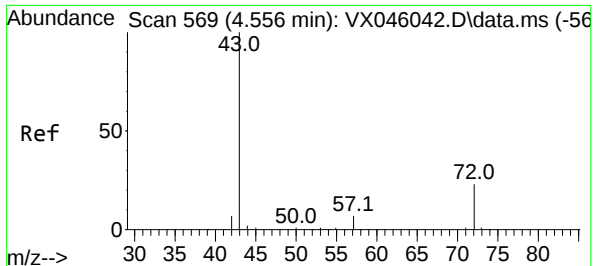
Tgt Ion: 43 Resp: 347

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#





#25

2-Butanone

Concen: 0.291 ug/l

RT: 4.598 min Scan# 51

Delta R.T. 0.042 min

Lab File: VX046298.D

Acq: 21 May 2025 15:29

Instrument :

MSVOA_X

ClientSampleId :

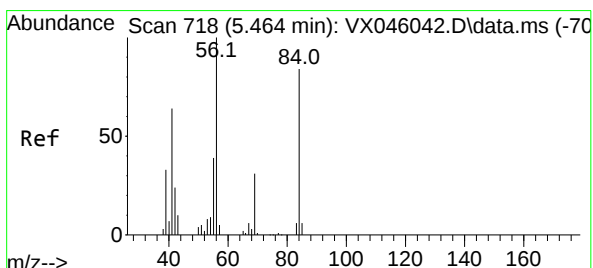
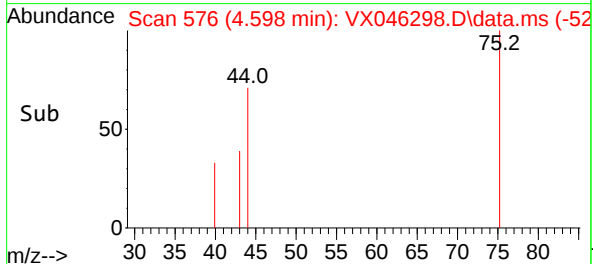
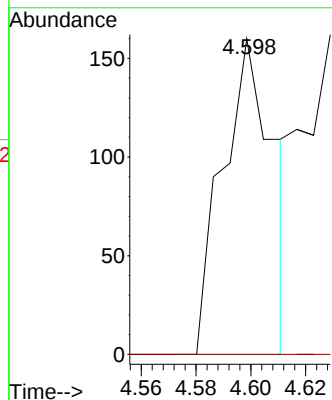
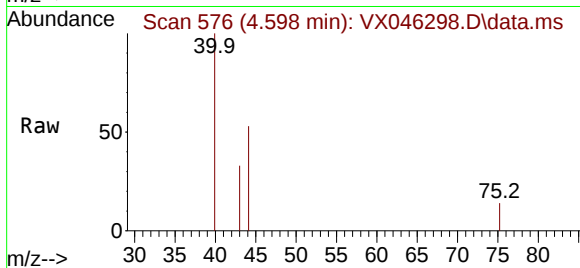
BP-VPB-182-GW-280-282

Tgt Ion: 43 Resp: 207

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#



#31

Cyclohexane

Concen: 1.413 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX046298.D

Acq: 21 May 2025 15:29

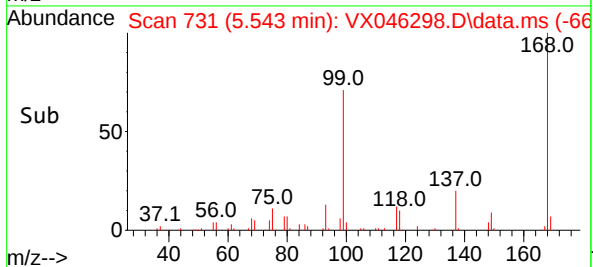
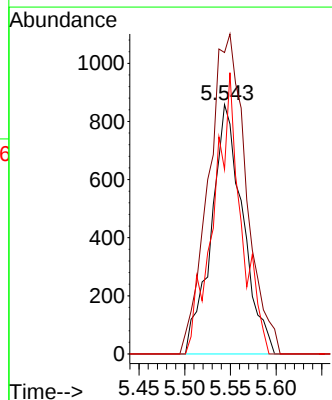
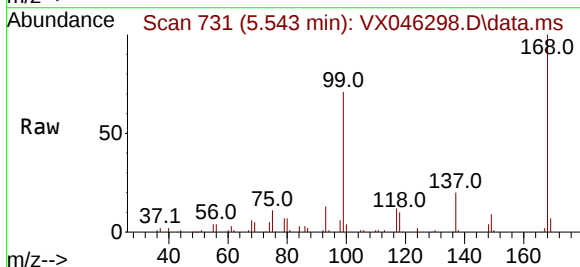
Tgt Ion: 56 Resp: 2060

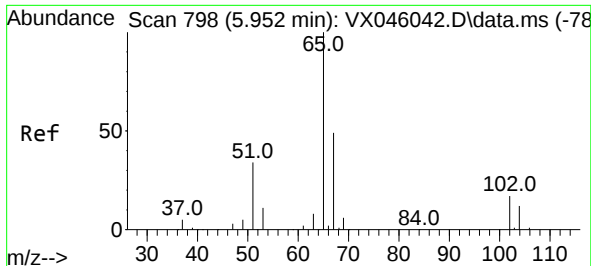
Ion Ratio Lower Upper

56 100

69 120.9 24.4 36.6#

84 74.0 66.9 100.3

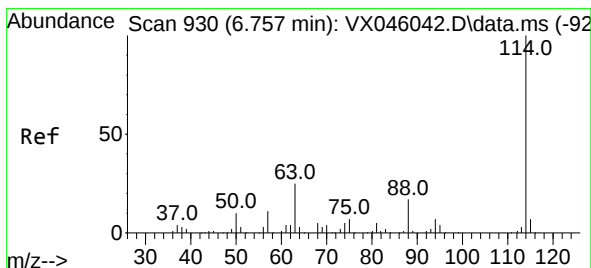
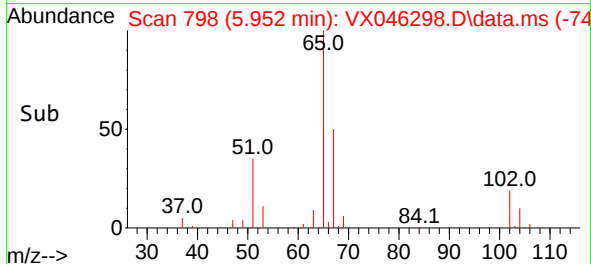
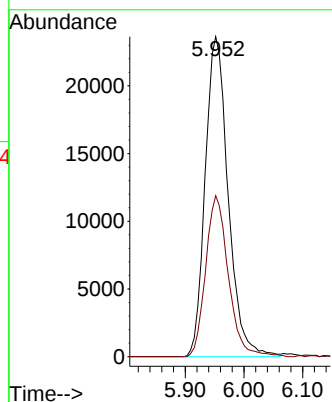
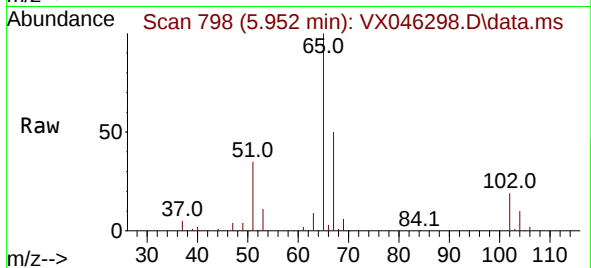




#33
 1,2-Dichloroethane-d4
 Concen: 52.395 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046298.D
 Acq: 21 May 2025 15:29

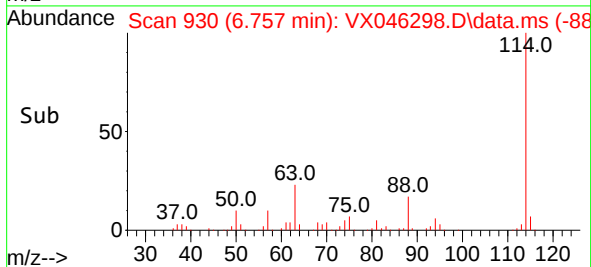
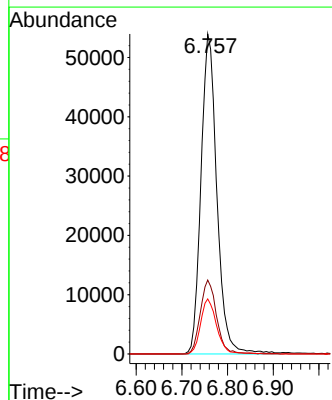
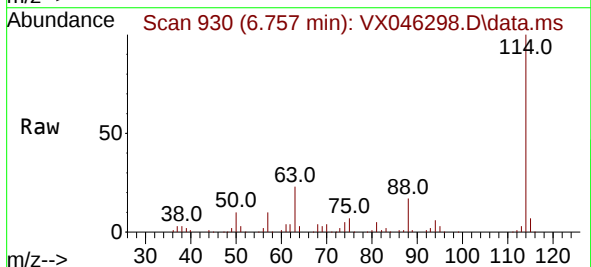
Instrument :
 MSVOA_X
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 BP-VPB-182-GW-280-282

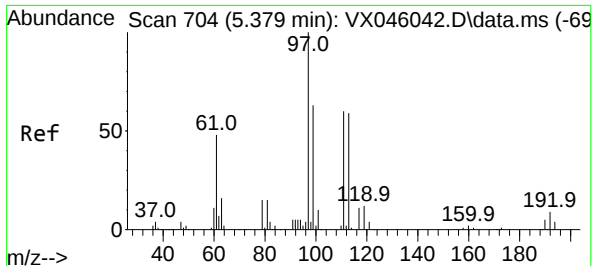
Tgt Ion: 65 Resp: 64089
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046298.D
 Acq: 21 May 2025 15:29

Tgt Ion: 114 Resp: 130055
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 49.2
 88 17.2 0.0 33.6

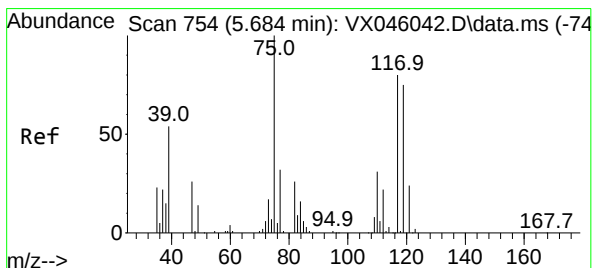
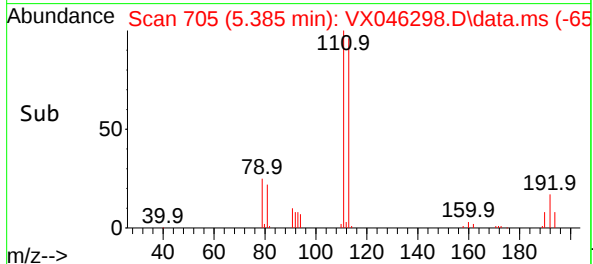
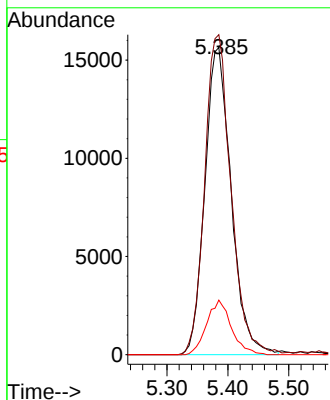
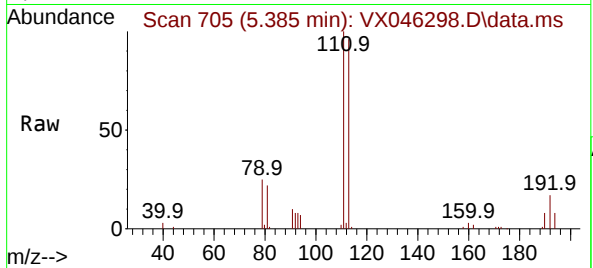




#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

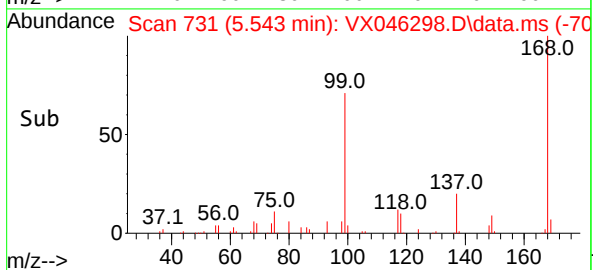
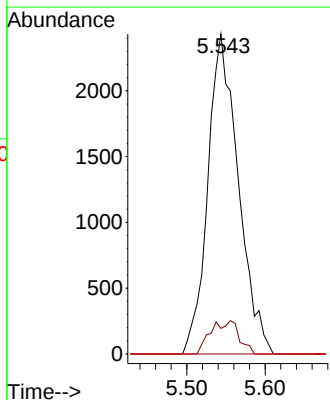
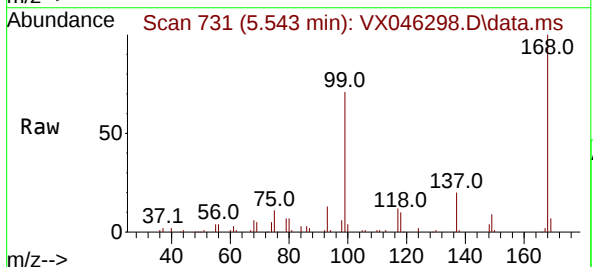
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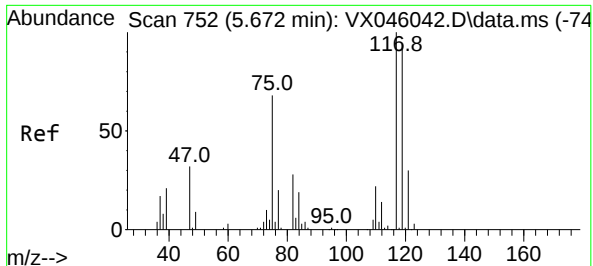
Tgt Ion:113 Resp: 46926
Ion Ratio Lower Upper
113 100
111 104.3 83.1 124.7
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.224 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.141 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

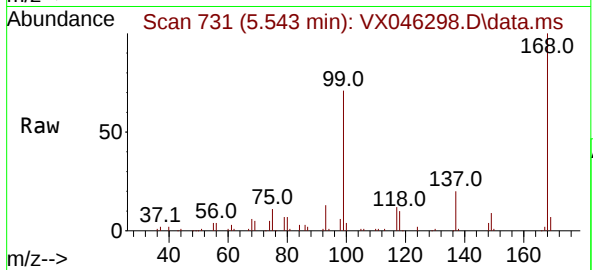
Tgt Ion: 75 Resp: 6574
Ion Ratio Lower Upper
75 100
110 9.7 16.3 48.9#
77 0.0 24.3 36.5#



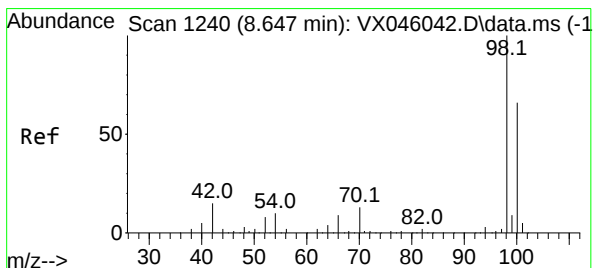
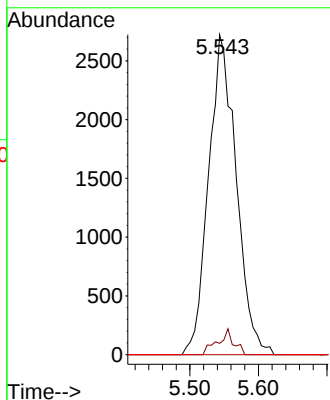
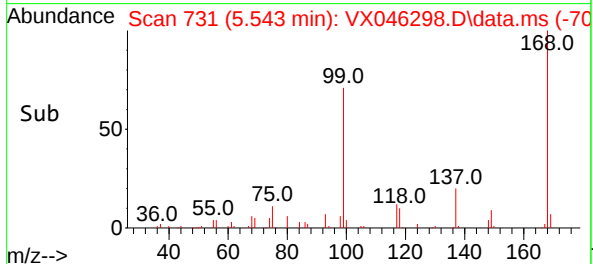


#38
Carbon Tetrachloride
Concen: 5.394 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-280-282

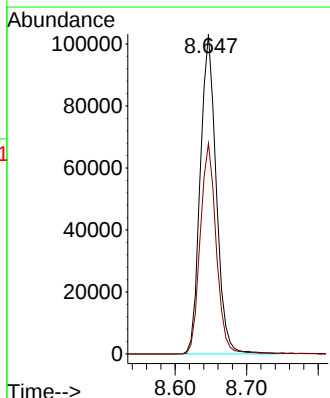
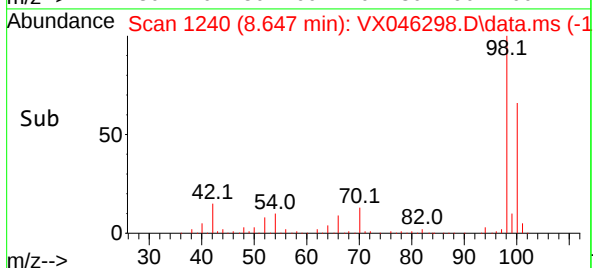
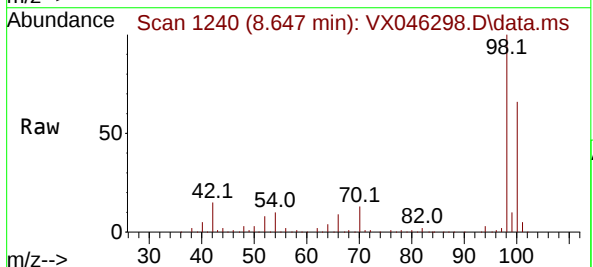


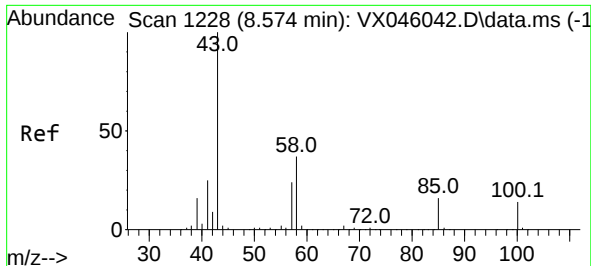
Tgt Ion:117 Resp: 7626
Ion Ratio Lower Upper
117 100
119 3.5 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.366 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

Tgt Ion: 98 Resp: 160017
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3

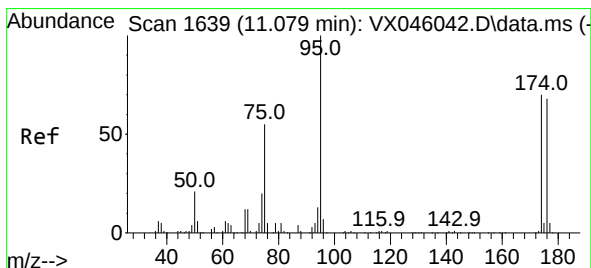
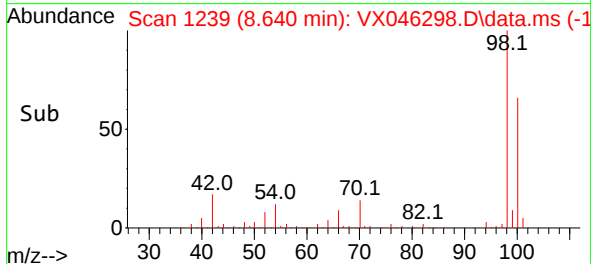
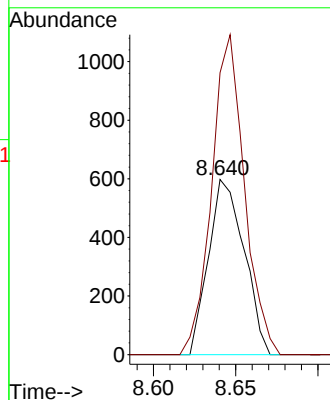
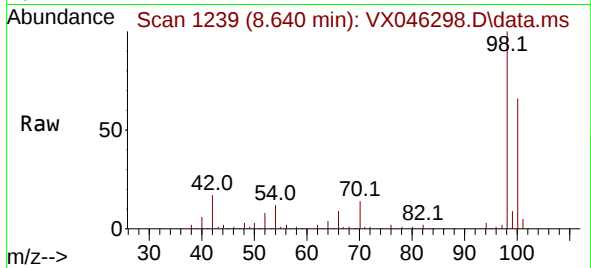




#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.640 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

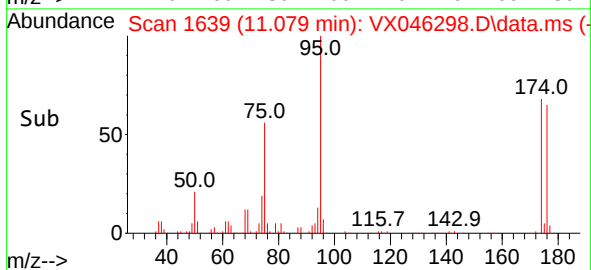
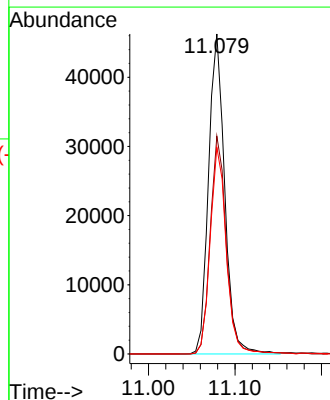
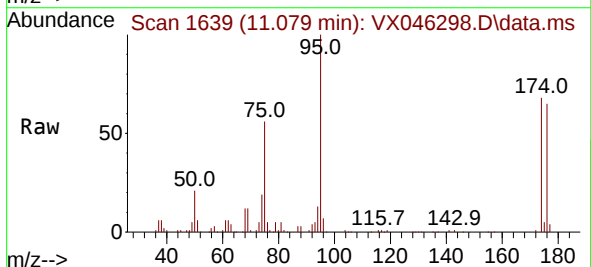
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-280-282

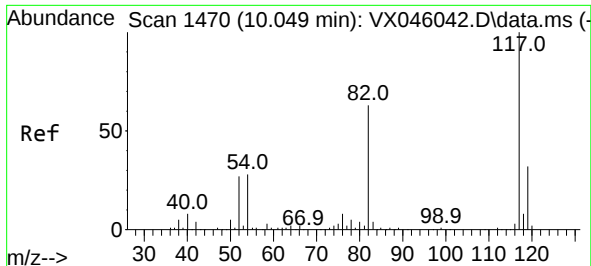
Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 168.0 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 48.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

Tgt Ion: 95 Resp: 59992
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 64.5 0.0 131.4

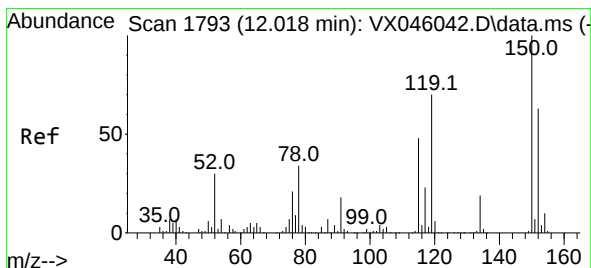
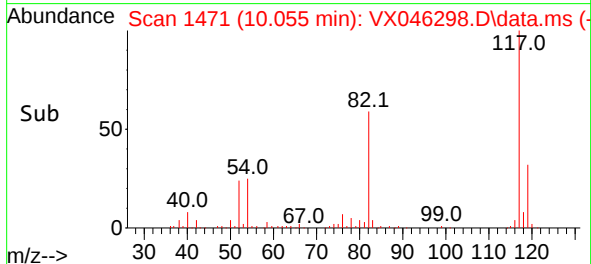
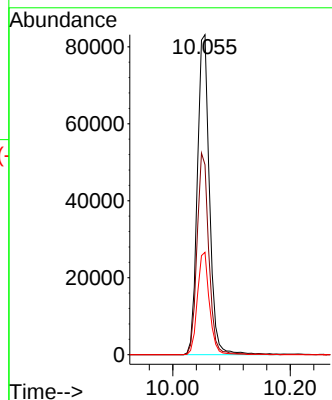
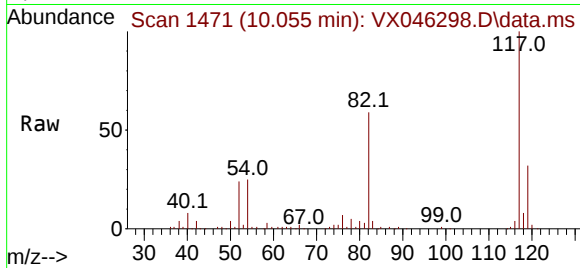




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

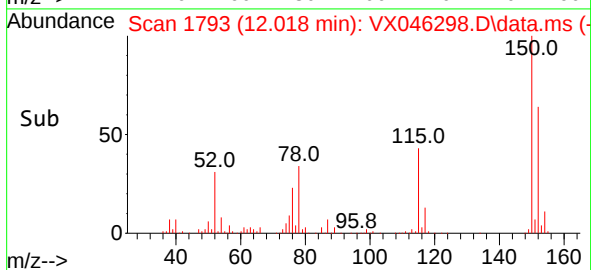
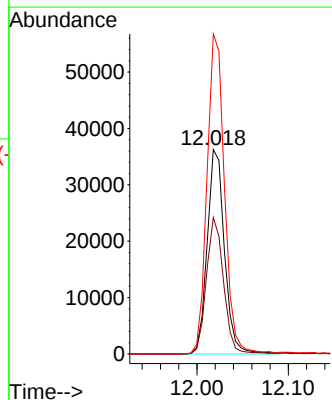
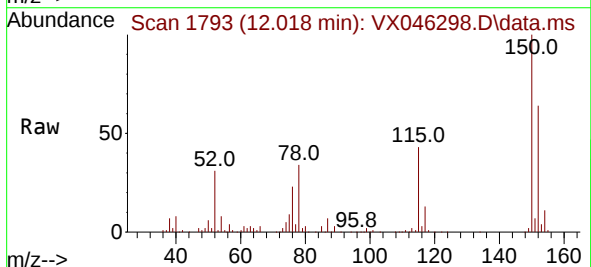
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-280-282

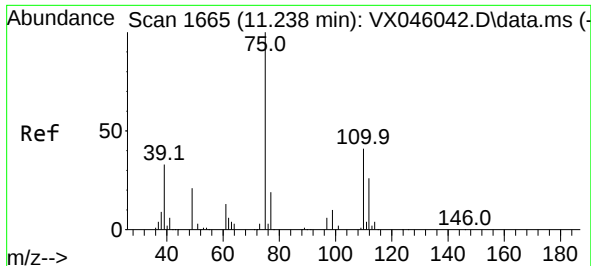
Tgt Ion:117 Resp: 119143
Ion Ratio Lower Upper
117 100
82 59.3 50.6 76.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

Tgt Ion:152 Resp: 47547
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 157.8 0.0 351.0

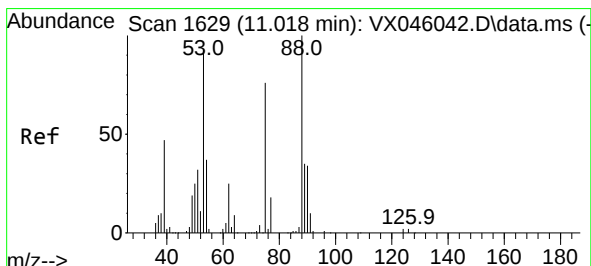
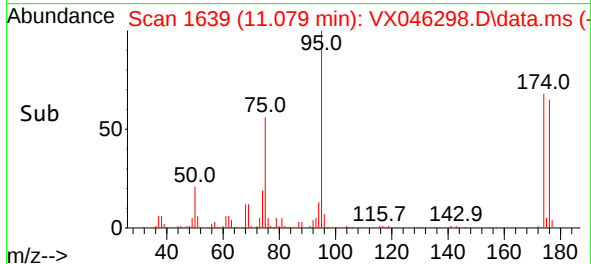
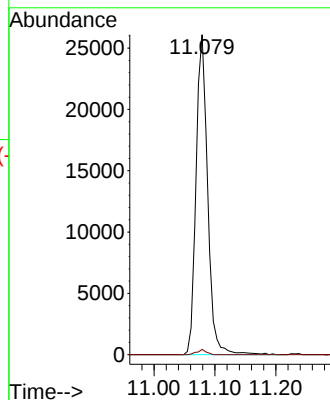
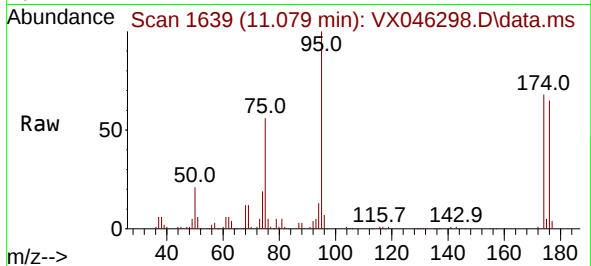




#76
1,2,3-Trichloropropane
Concen: 30.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-280-282

Tgt Ion: 75 Resp: 34565
Ion Ratio Lower Upper
75 100
77 1.3 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046298.D
Acq: 21 May 2025 15:29

Tgt Ion: 75 Resp: 34565
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

