

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045085.D
 Acq On : 28 Feb 2025 13:47
 Operator : JC/MD
 Sample : Q1423-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-EB-20250221

Quant Time: Feb 28 14:37:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

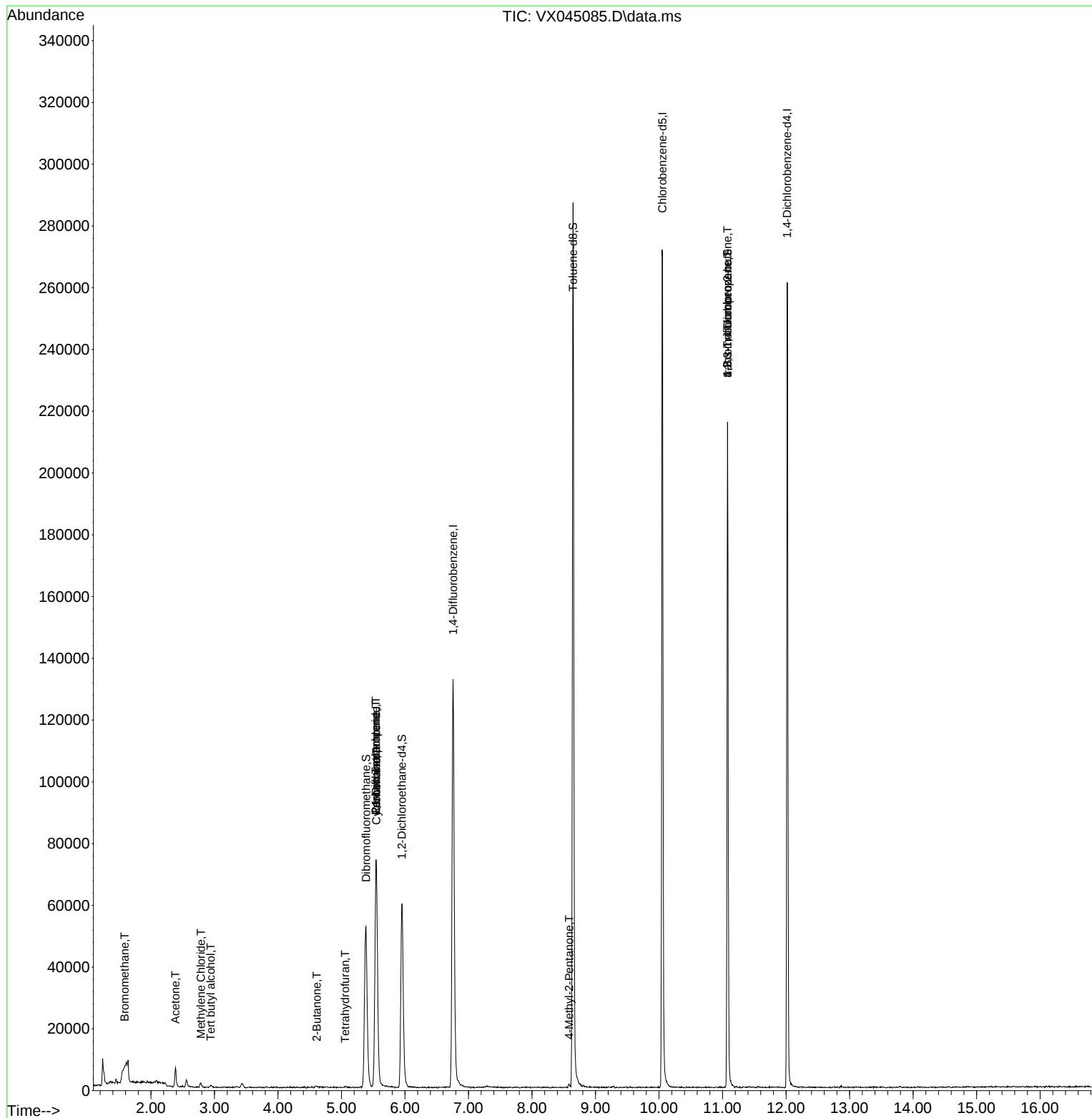
Internal Standards						
1) Pentafluorobenzene	5.544	168	68971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56190	51.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	5.385	113	45886	50.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.647	98	169589	51.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.860%			
62) 4-Bromofluorobenzene	11.079	95	57093	52.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.500%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	110	0.265	ug/l #	73
11) Tert butyl alcohol	2.940	59	414	1.992	ug/l #	73
16) Acetone	2.386	43	6489	12.748	ug/l	96
20) Methylene Chloride	2.788	84	643	0.638	ug/l #	73
25) 2-Butanone	4.611	43	975	1.273	ug/l #	50
29) Tetrahydrofuran	5.056	42	219	0.426	ug/l #	51
31) Cyclohexane	5.550	56	1613	1.081	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	6179	4.953	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7274	5.743	ug/l #	19
51) 4-Methyl-2-Pentanone	8.586	43	1003	0.628	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	30023	24.842	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30023	85.014	ug/l #	6

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

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BP-VPB-192-EB-20250221

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

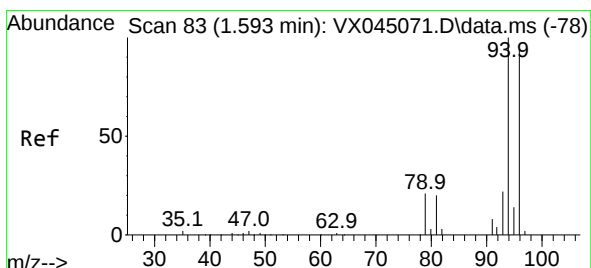
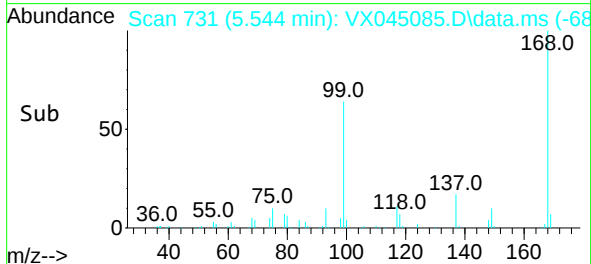
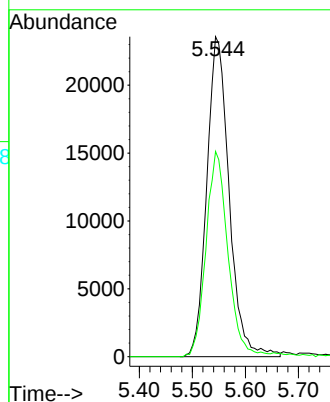
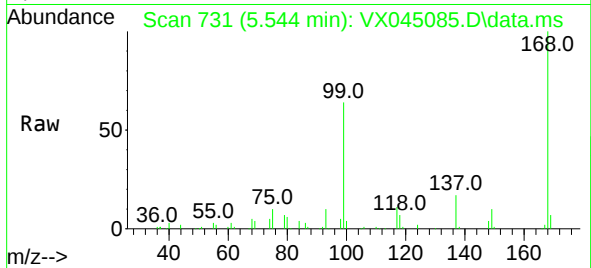




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

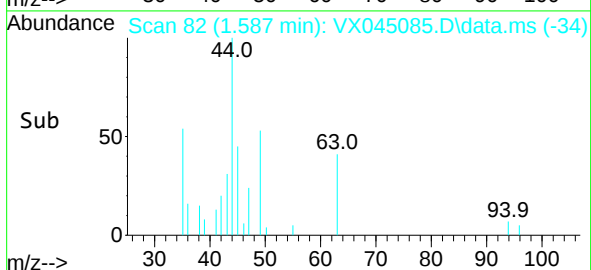
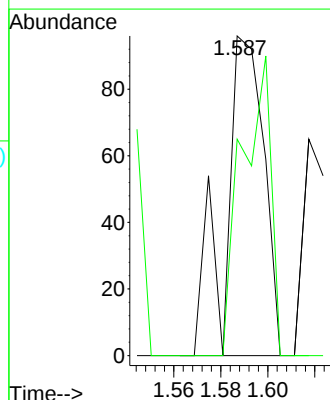
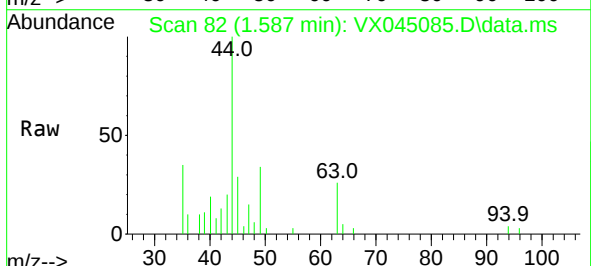
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:168 Resp: 68971
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4



#5
Bromomethane
Concen: 0.265 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.006 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 67.7 75.0 112.4#





#11

Tert butyl alcohol

Concen: 1.992 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045085.D

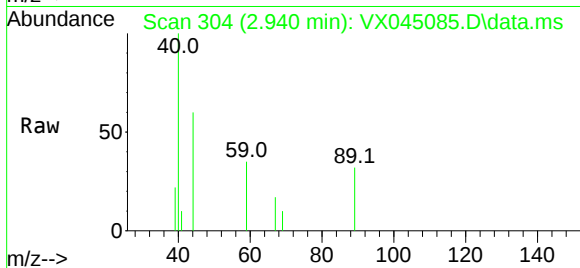
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Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-EB-20250221

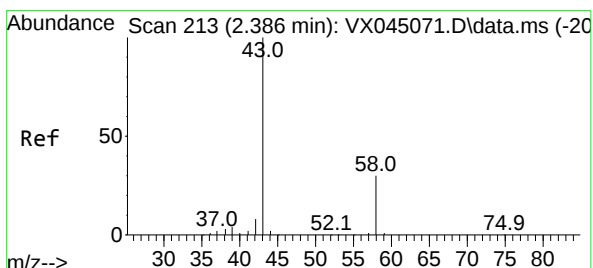
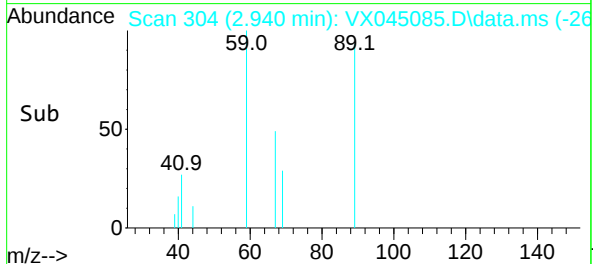
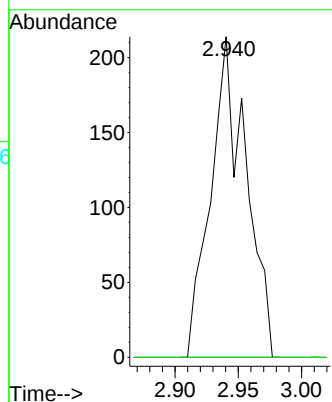


Tgt Ion: 59 Resp: 414

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 12.748 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045085.D

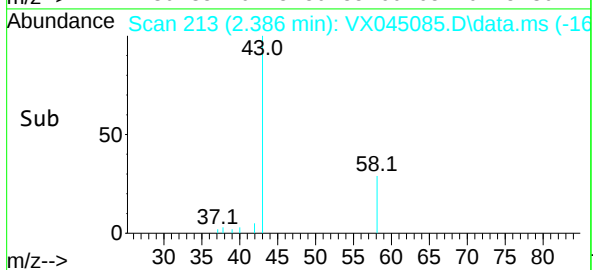
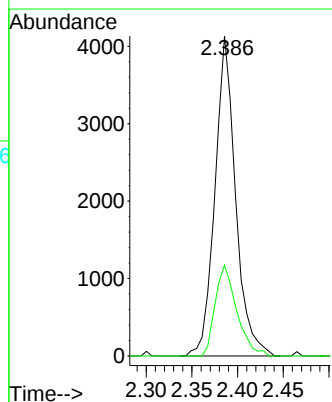
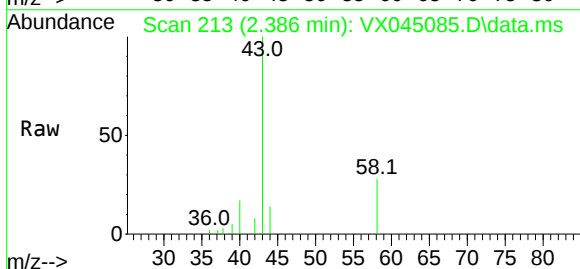
Acq: 28 Feb 2025 13:47

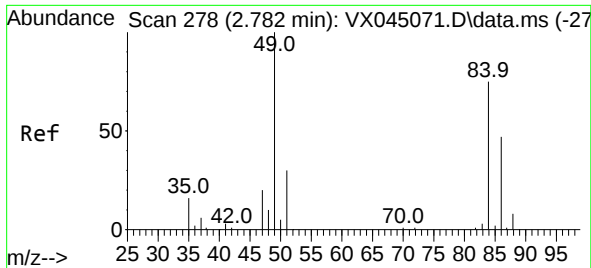
Tgt Ion: 43 Resp: 6489

Ion Ratio Lower Upper

43 100

58 28.4 24.2 36.4

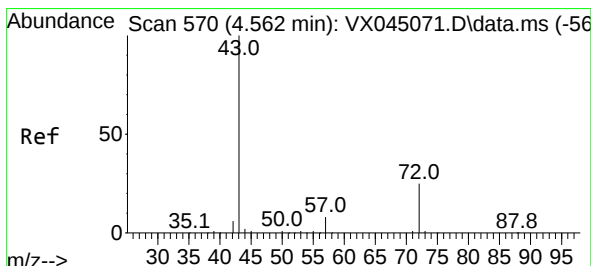
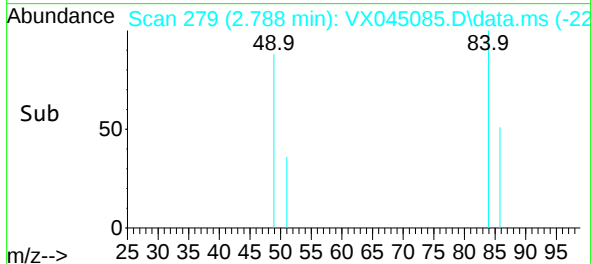
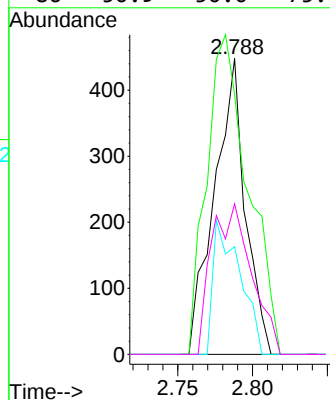
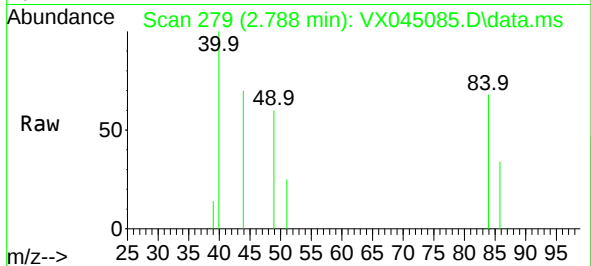




#20
Methylene Chloride
Concen: 0.638 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

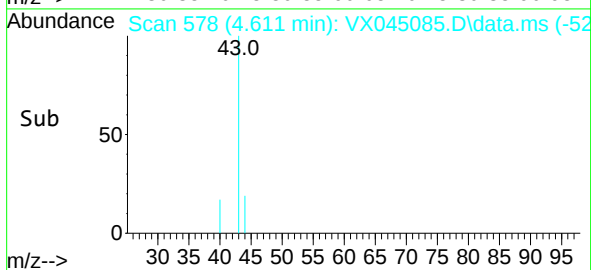
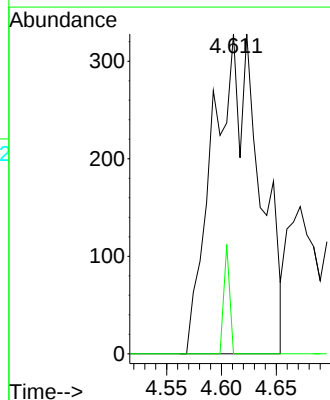
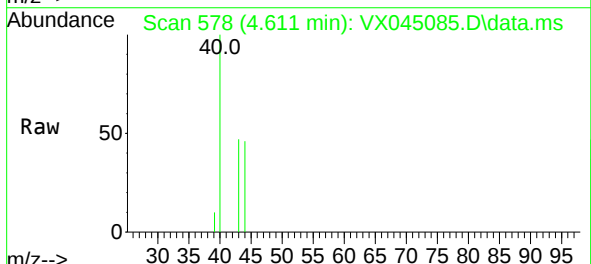
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

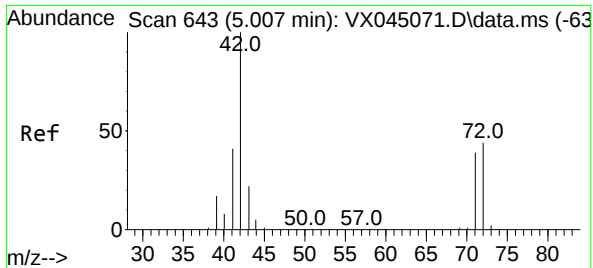
Tgt Ion:	84	Resp:	643
Ion	Ratio	Lower	Upper
84	100		
49	87.9	106.5	159.7#
51	36.4	32.1	48.1
86	50.9	50.0	75.0



#25
2-Butanone
Concen: 1.273 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.049 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

Tgt Ion:	43	Resp:	975
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.0	30.0#

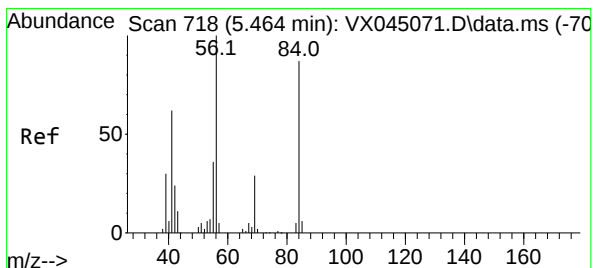
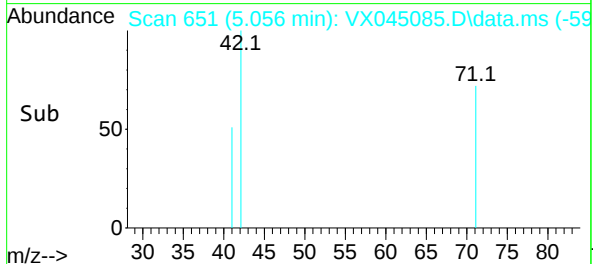
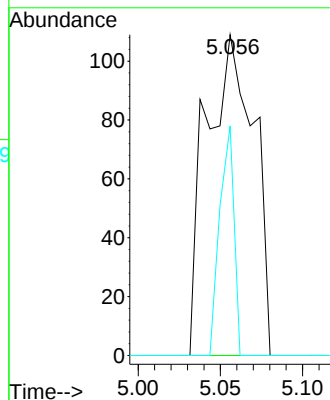
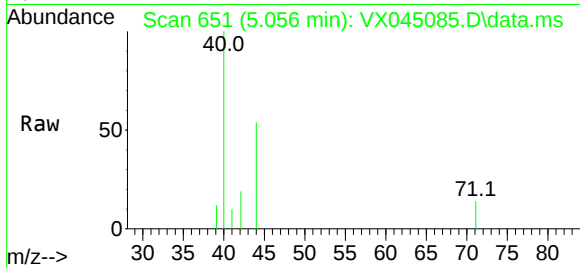




#29
Tetrahydrofuran
Concen: 0.426 ug/l
RT: 5.056 min Scan# 611
Delta R.T. 0.049 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

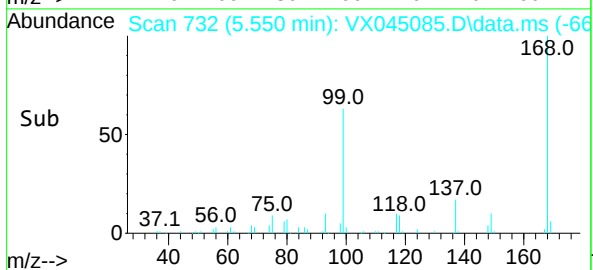
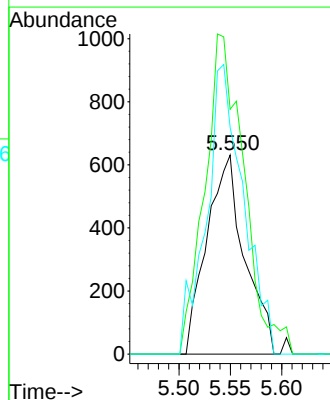
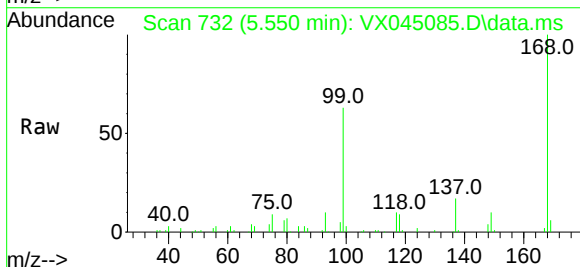
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

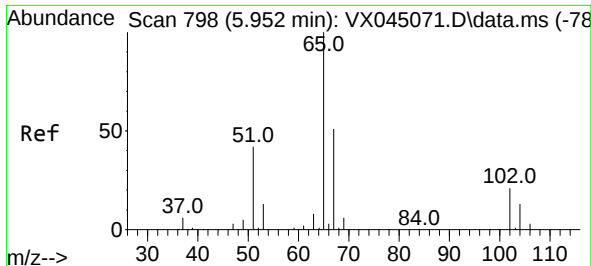
Tgt Ion:	42	Resp:	219
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.1	51.1#
71	21.5	31.4	47.0#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

Tgt Ion:	56	Resp:	1613
Ion	Ratio	Lower	Upper
56	100		
69	123.0	23.4	35.2#
84	113.9	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 51.218 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045085.D

Acq: 28 Feb 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

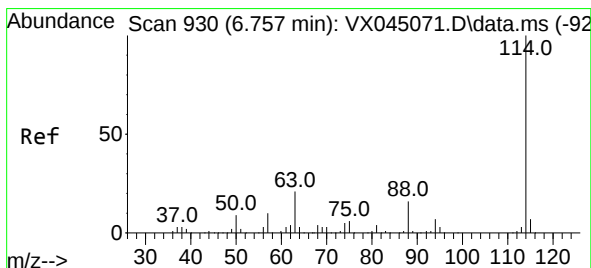
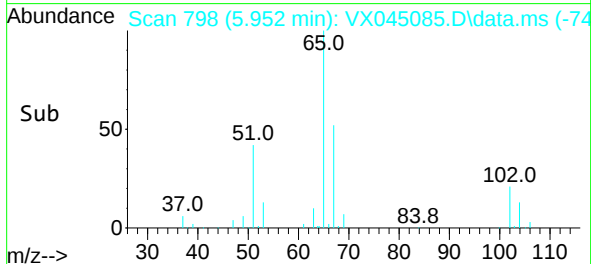
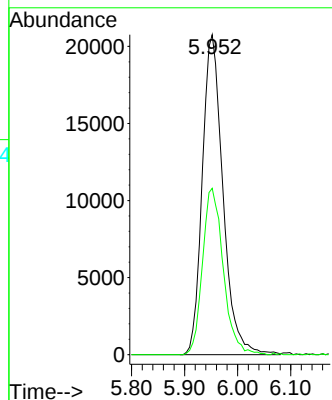
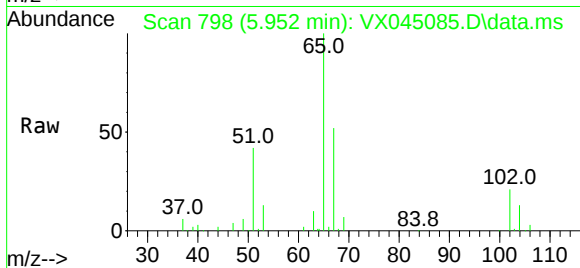
BP-VPB-192-EB-20250221

Tgt Ion: 65 Resp: 56190

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045085.D

Acq: 28 Feb 2025 13:47

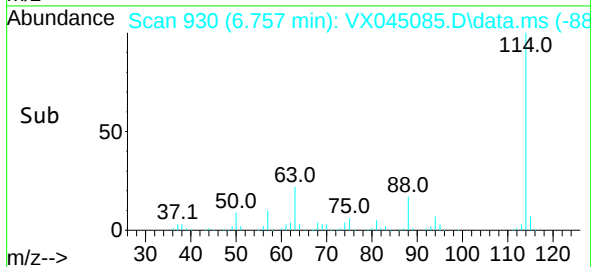
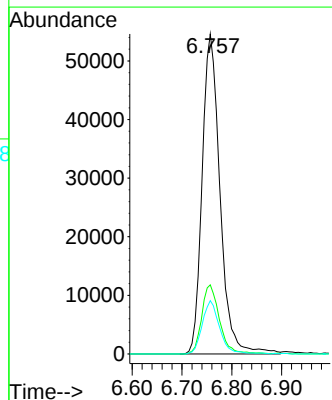
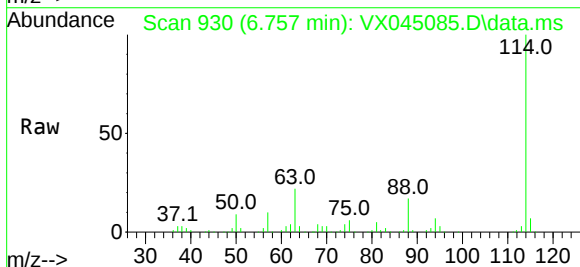
Tgt Ion: 114 Resp: 136036

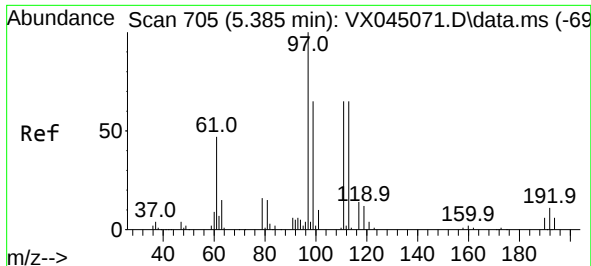
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 16.6 0.0 32.8

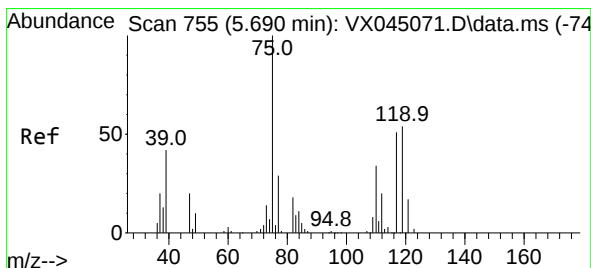
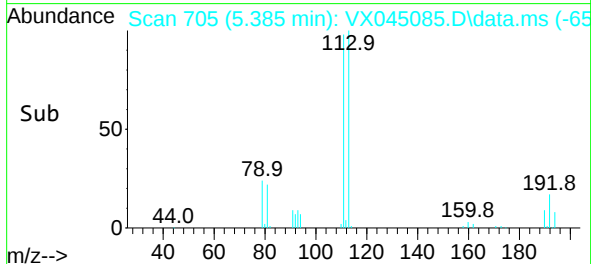
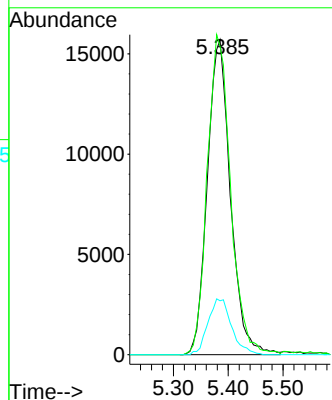
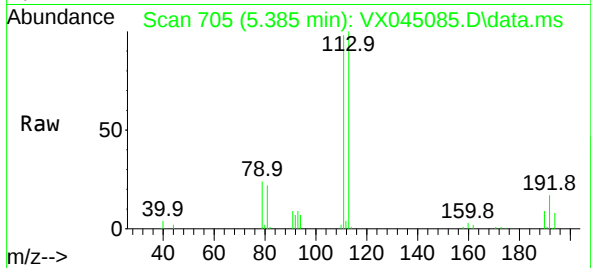




#35
Dibromofluoromethane
Concen: 50.444 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

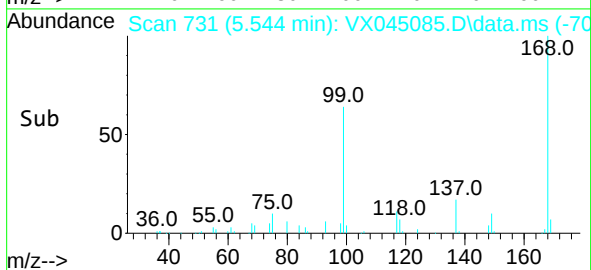
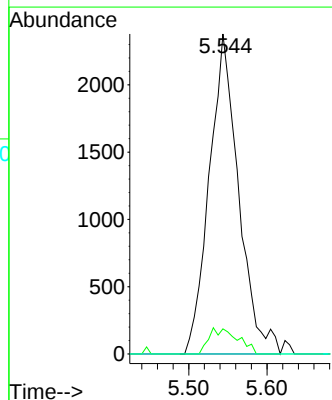
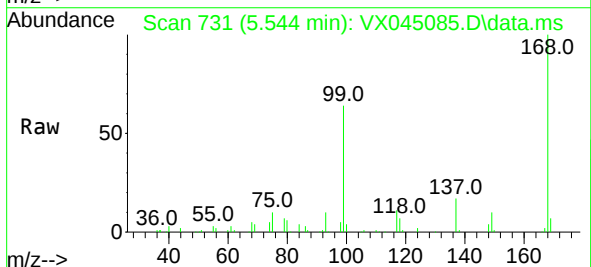
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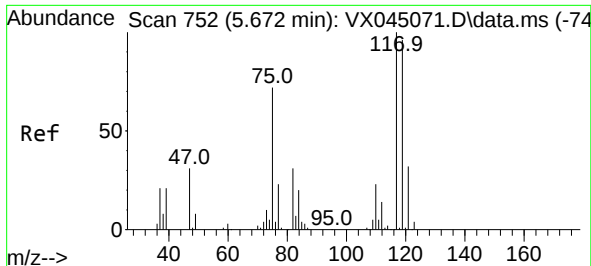
Tgt Ion:113 Resp: 45886
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 18.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

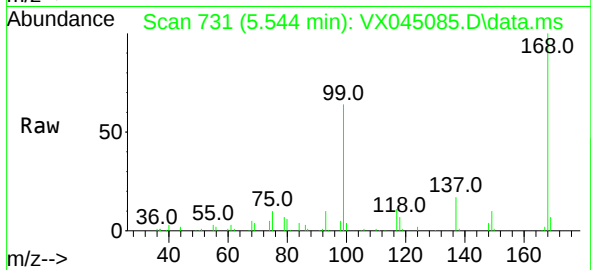
Tgt Ion: 75 Resp: 6179
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.6#
77 0.0 24.5 36.7#



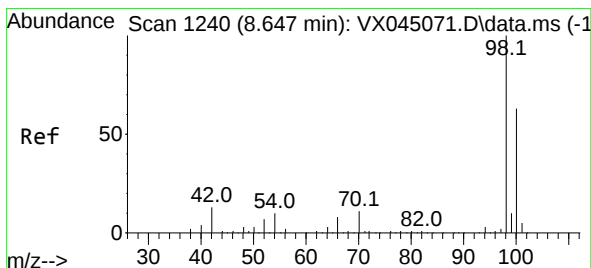
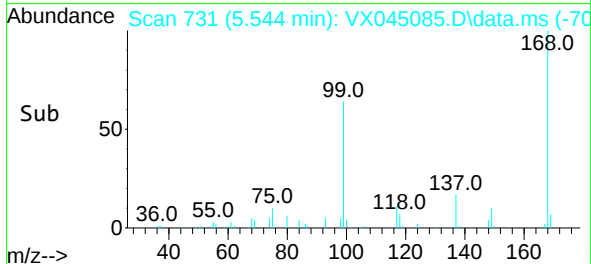
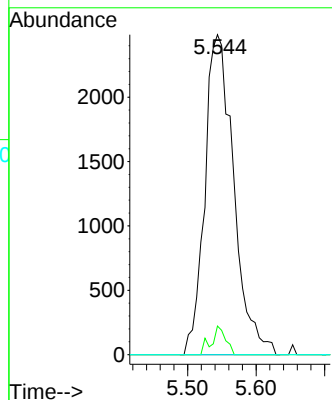


#38
Carbon Tetrachloride
Concen: 5.743 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

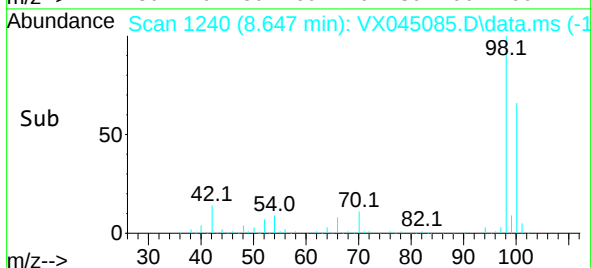
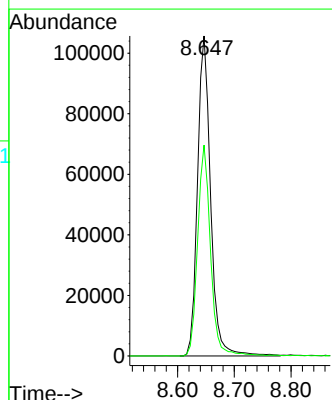
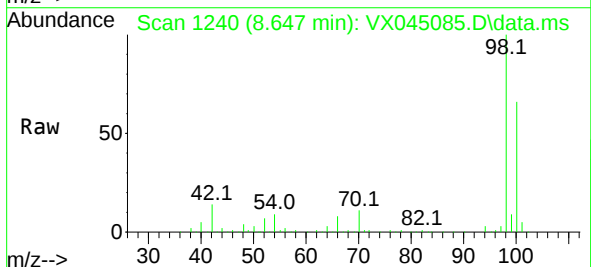


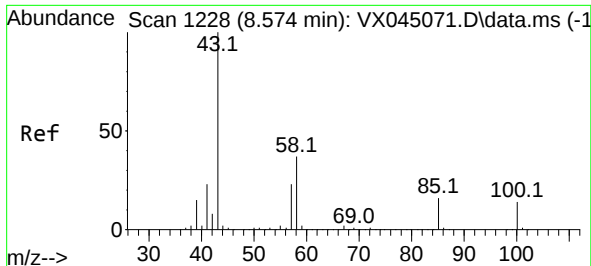
Tgt Ion:117 Resp: 7274
Ion Ratio Lower Upper
117 100
119 8.9 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.426 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

Tgt Ion: 98 Resp: 169589
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

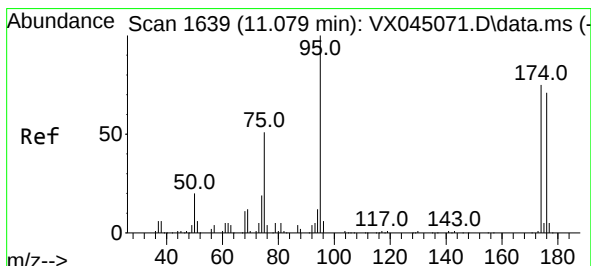
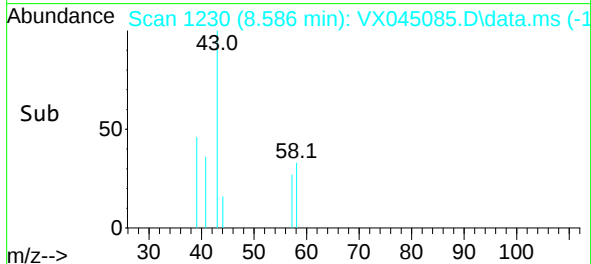
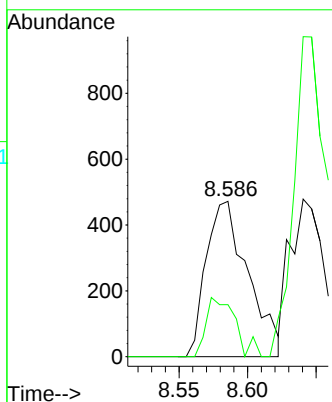
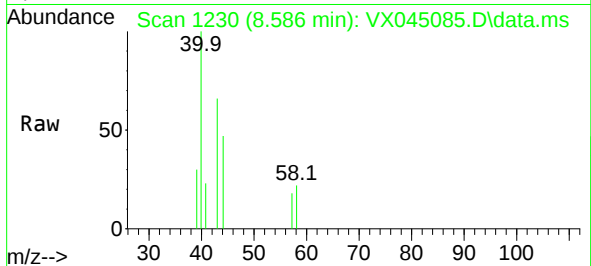




#51
4-Methyl-2-Pentanone
Concen: 0.628 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

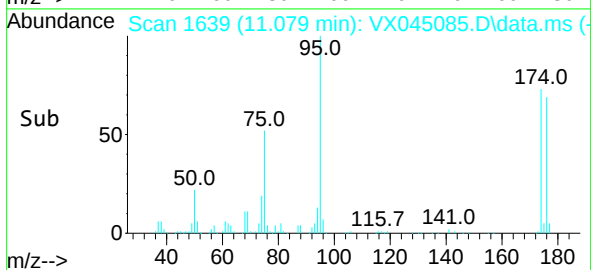
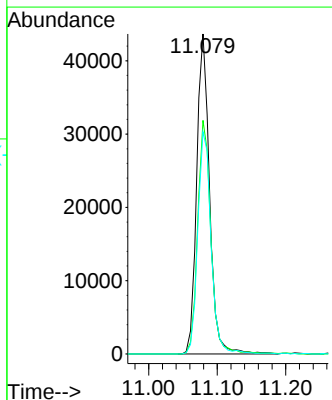
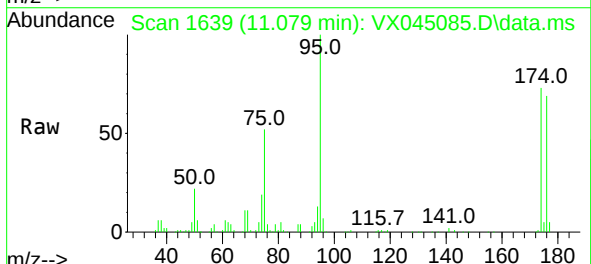
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

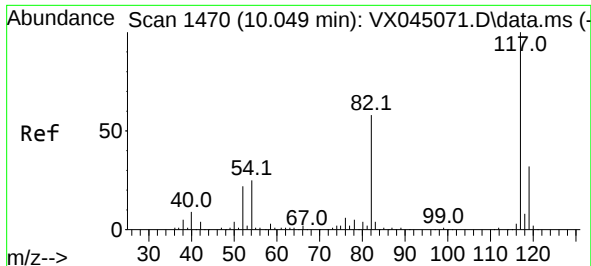
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 26.6 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 52.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

Tgt Ion: 95 Resp: 57093
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.2
176 72.0 0.0 141.4

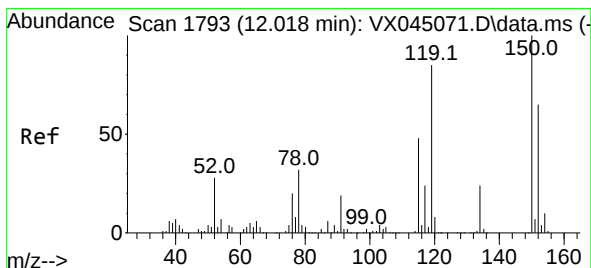
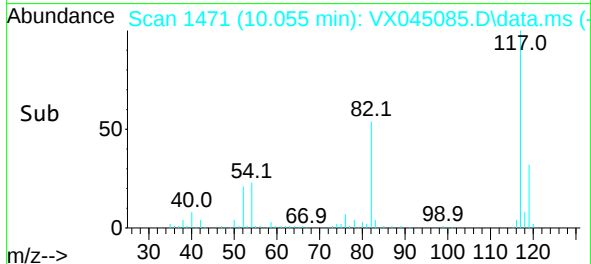
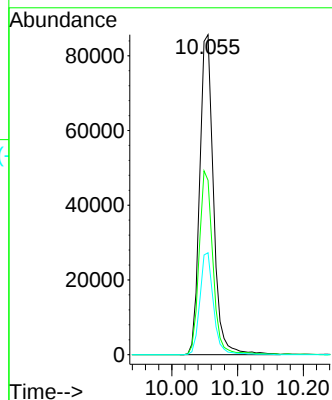
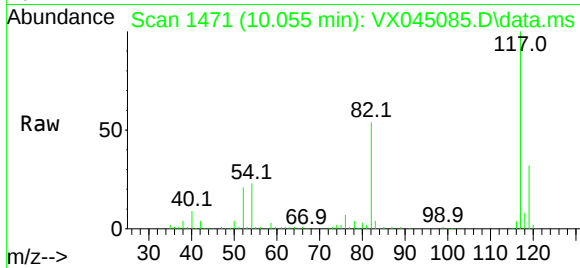




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

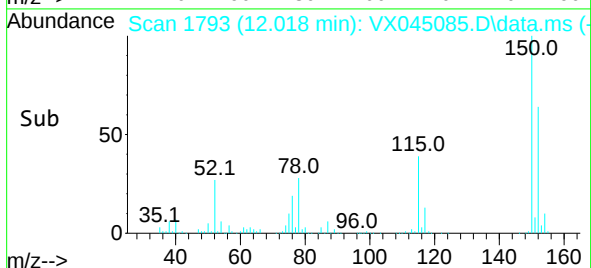
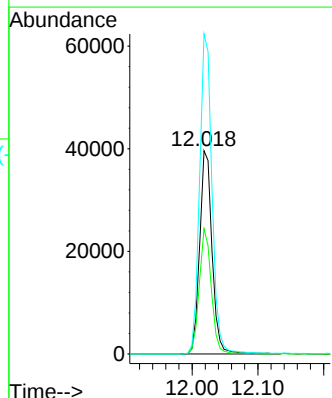
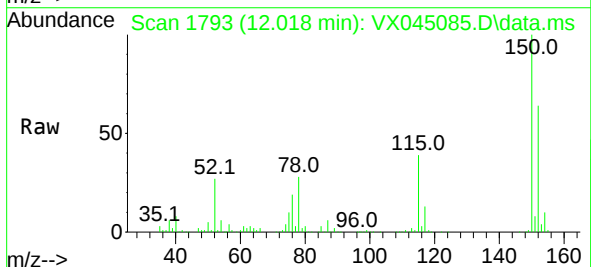
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

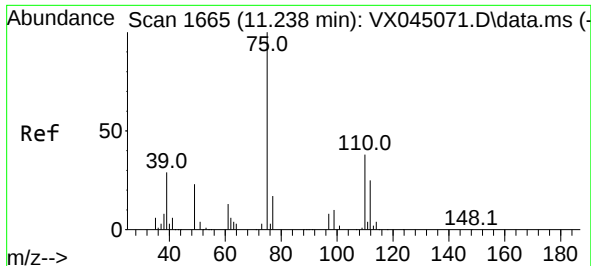
Tgt Ion:117 Resp: 125036
Ion Ratio Lower Upper
117 100
82 54.5 46.3 69.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

Tgt Ion:152 Resp: 51925
Ion Ratio Lower Upper
152 100
115 59.9 44.2 132.6
150 157.4 0.0 349.0

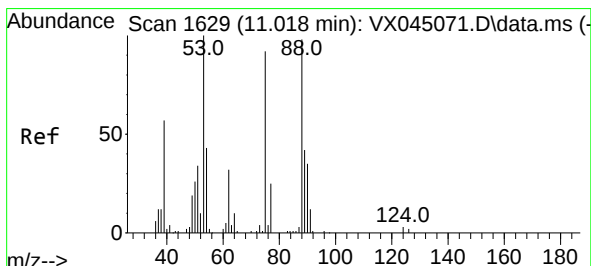
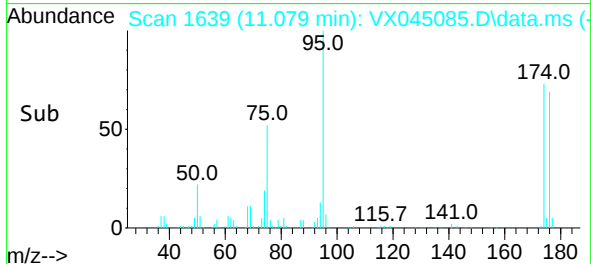
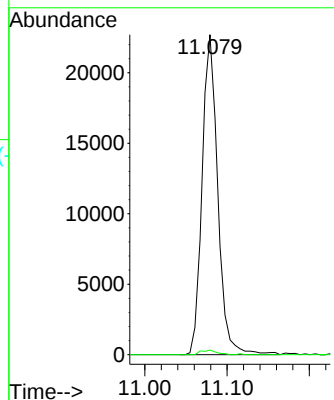
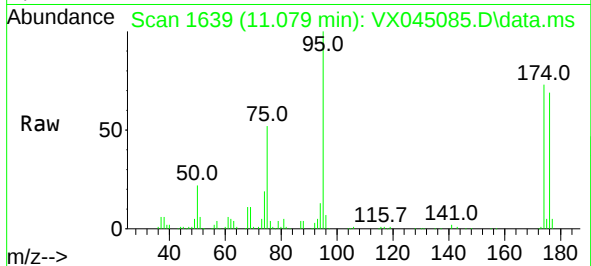




#76
1,2,3-Trichloropropane
Concen: 24.842 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion: 75 Resp: 30023
Ion Ratio Lower Upper
75 100
77 1.5 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045085.D
Acq: 28 Feb 2025 13:47

Tgt Ion: 75 Resp: 30023
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

