

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044902.D
 Acq On : 11 Feb 2025 13:43
 Operator : JC/MD
 Sample : Q1283-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-EB-20250131

Quant Time: Feb 12 02:41:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

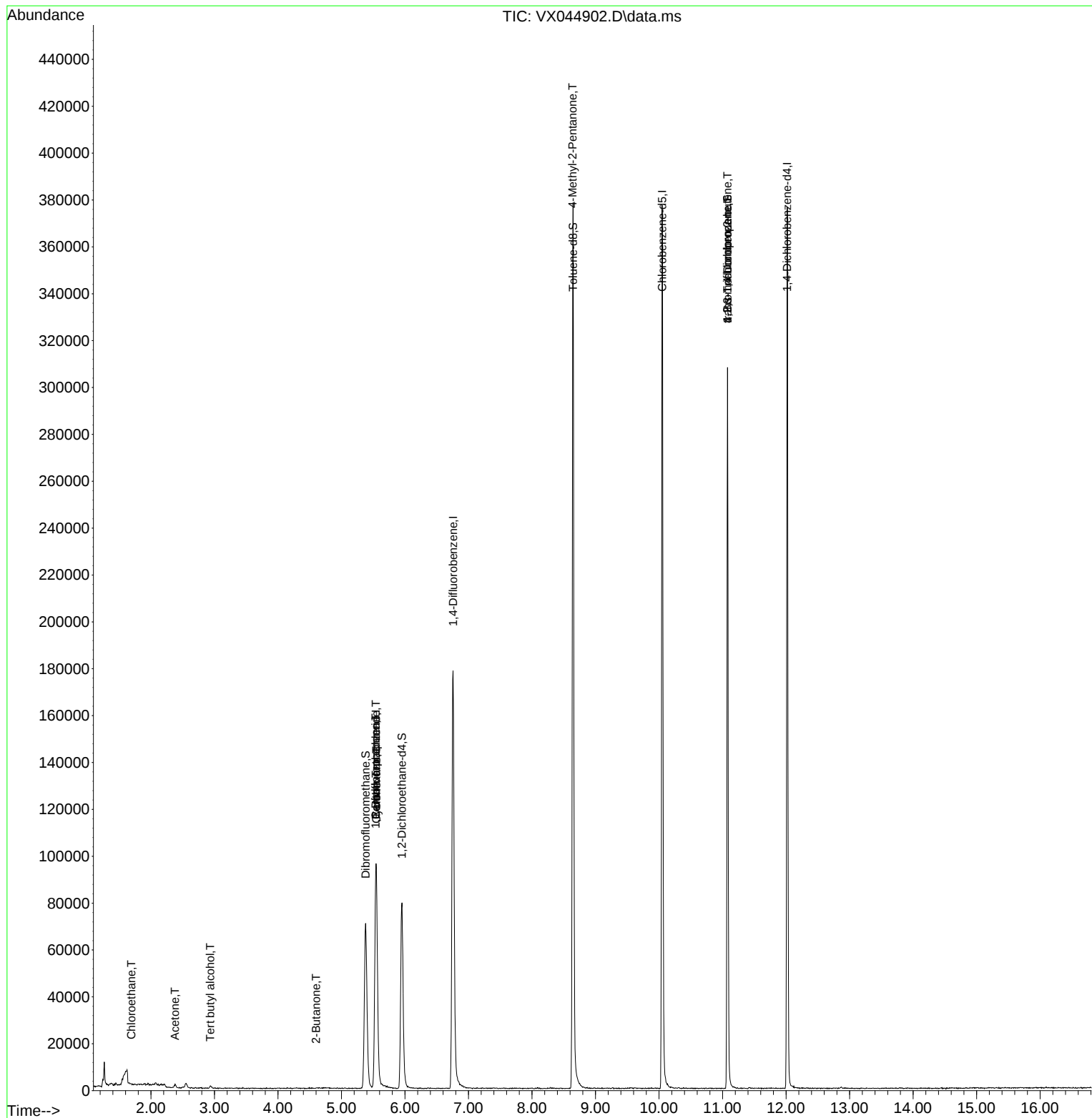
Internal Standards						
1) Pentafluorobenzene	5.544	168	94090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	173093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72878	52.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.820%	
35) Dibromofluoromethane	5.379	113	62881	50.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.760%	
50) Toluene-d8	8.647	98	236064	50.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	11.079	95	82396	51.784	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.560%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	129	1.512	ug/l #	42
11) Tert butyl alcohol	2.934	59	322	1.260	ug/l #	73
16) Acetone	2.380	43	1793	3.238	ug/l	98
25) 2-Butanone	4.599	43	180	0.200	ug/l #	48
31) Cyclohexane	5.550	56	2274	1.063	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	7880	4.376	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9928	5.626	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1148	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42454	25.984	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42454	66.841	ug/l #	11

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

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BP-VPB-192-EB-20250131

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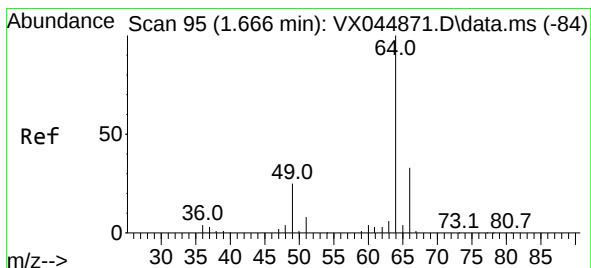
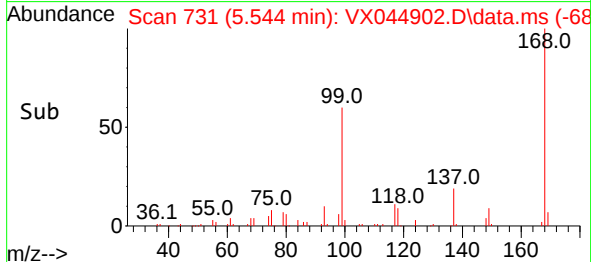
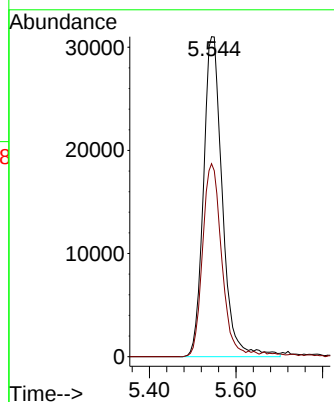
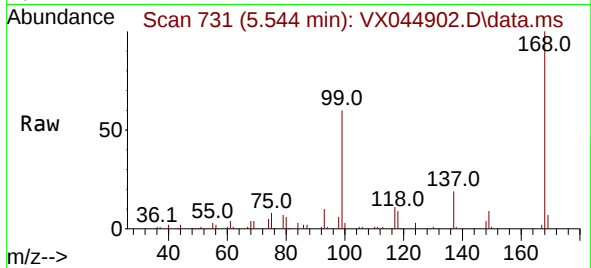




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

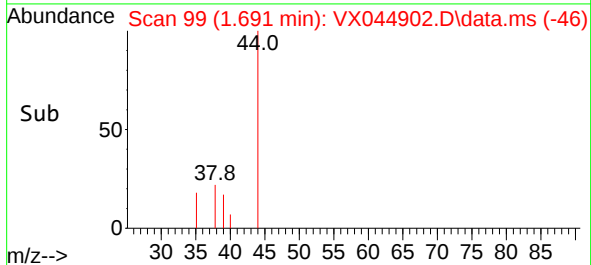
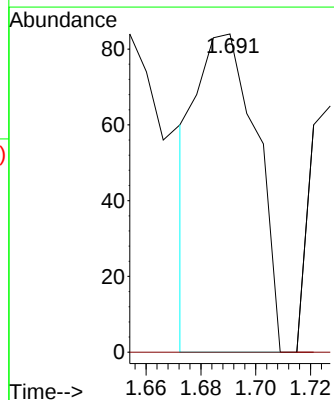
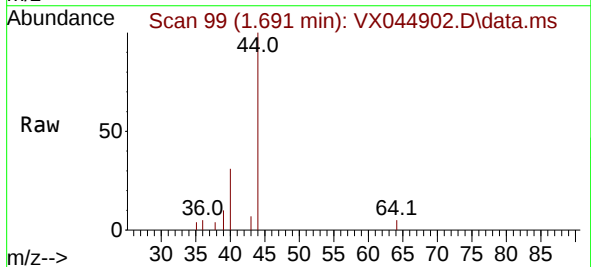
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250131

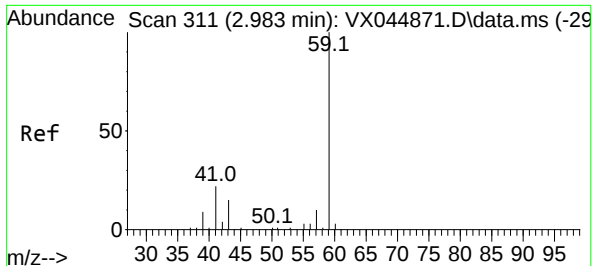
Tgt Ion:168 Resp: 94090
Ion Ratio Lower Upper
168 100
99 60.3 51.2 76.8



#6
Chloroethane
Concen: 1.512 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.025 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

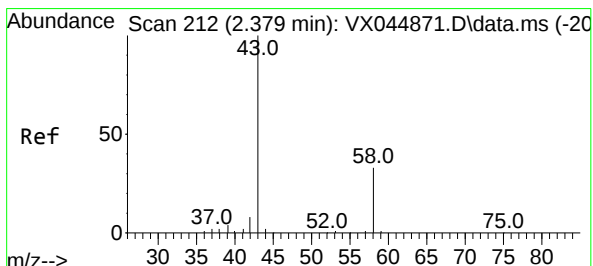
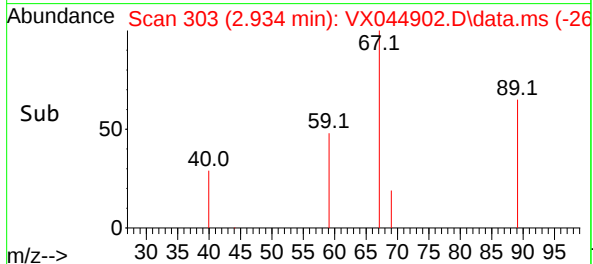
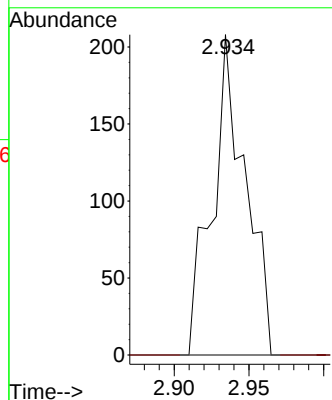
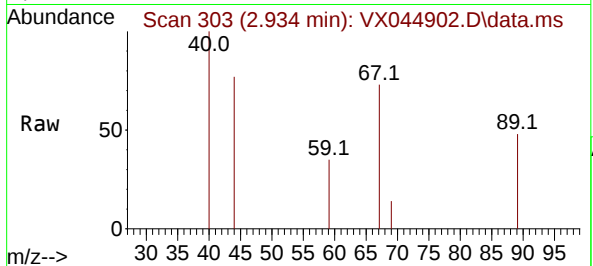




#11
Tert butyl alcohol
Concen: 1.260 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

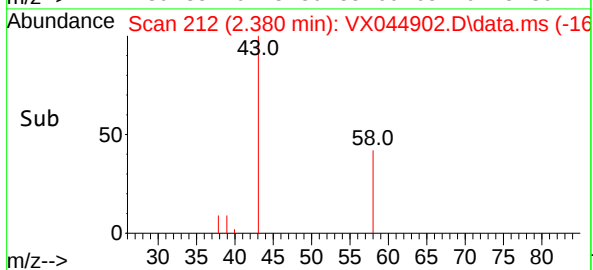
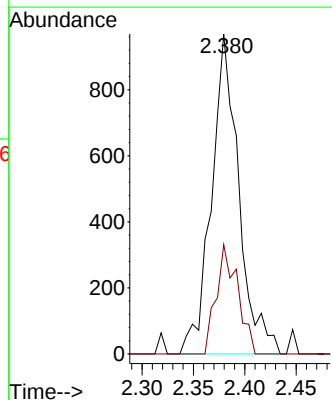
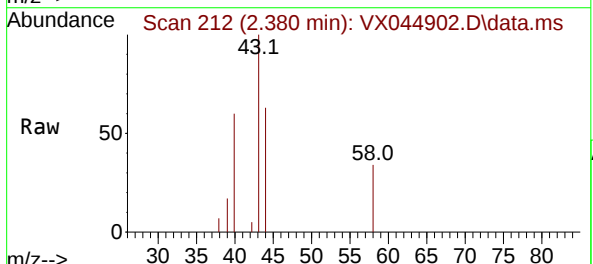
Instrument :
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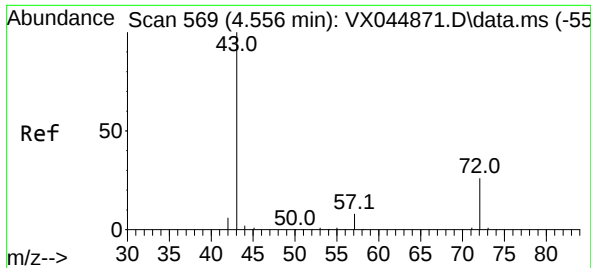
Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 3.238 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
58 34.2 26.5 39.7

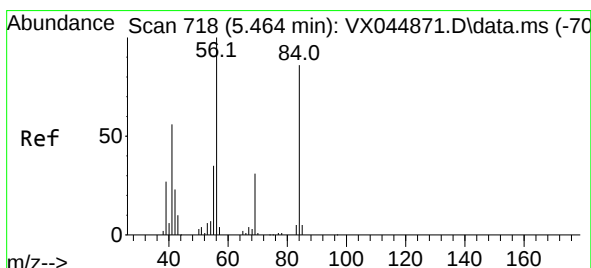
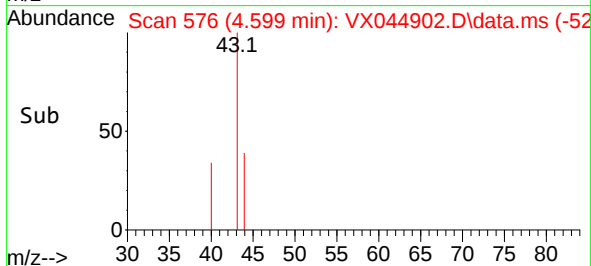
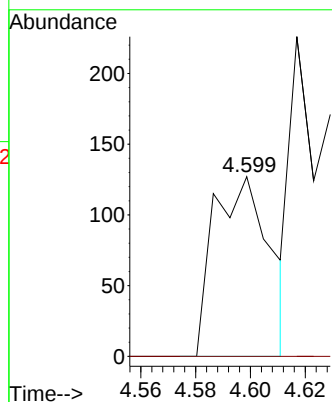
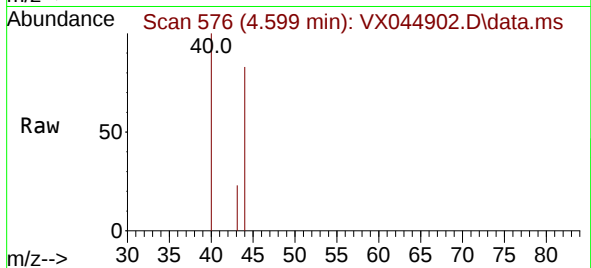




#25
2-Butanone
Concen: 0.200 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

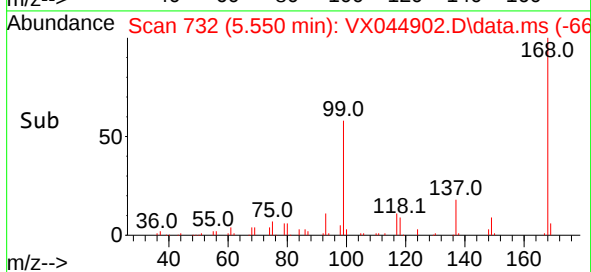
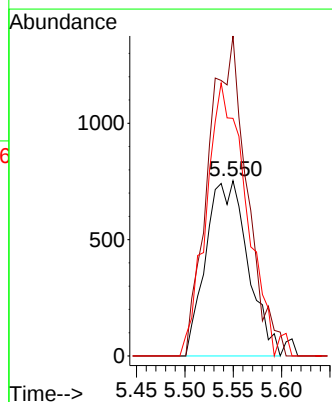
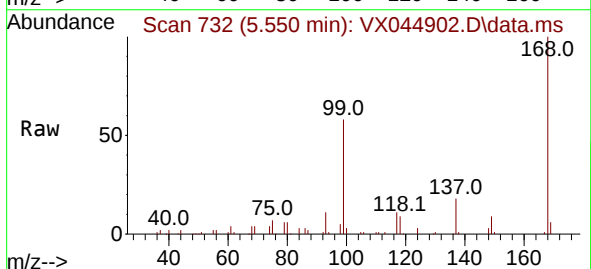
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250131

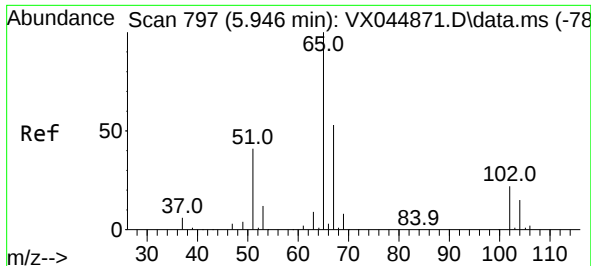
Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

Tgt Ion: 56 Resp: 2274
Ion Ratio Lower Upper
56 100
69 182.6 24.4 36.6#
84 135.6 69.0 103.6#

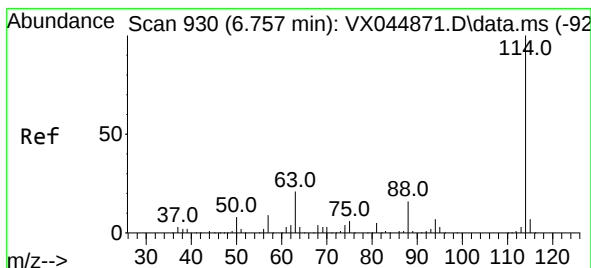
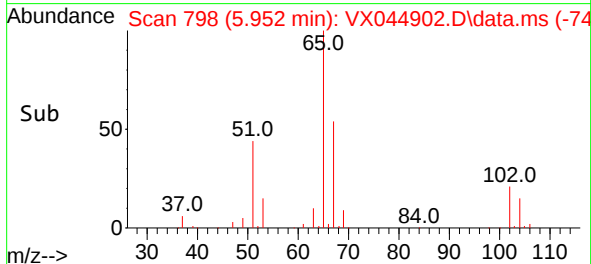
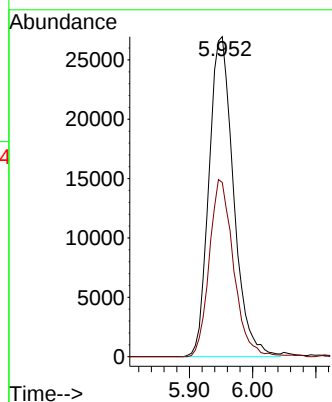
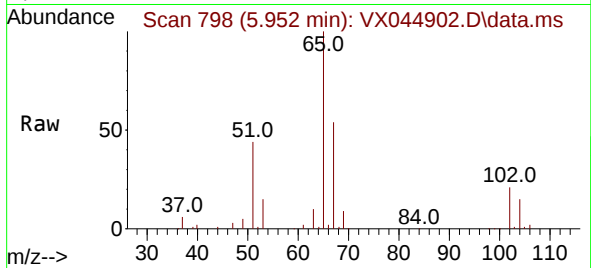




#33
 1,2-Dichloroethane-d4
 Concen: 52.913 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX044902.D
 Acq: 11 Feb 2025 13:43

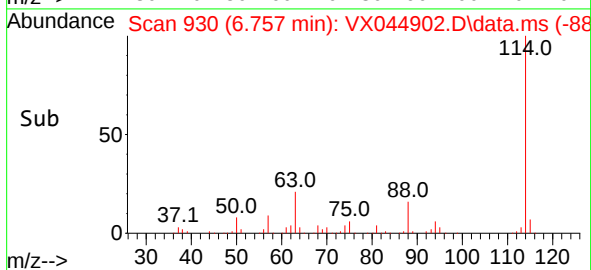
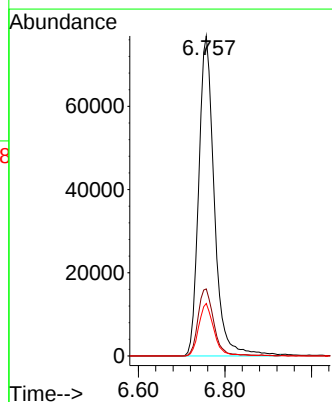
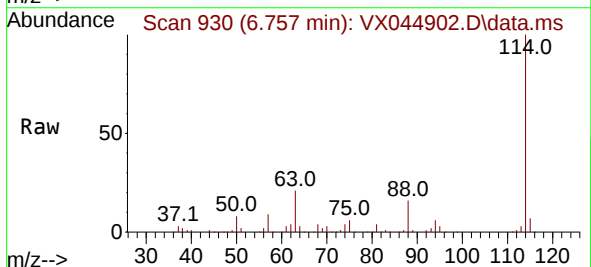
Instrument :
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 ClientSampleId :
 BP-VPB-192-EB-20250131

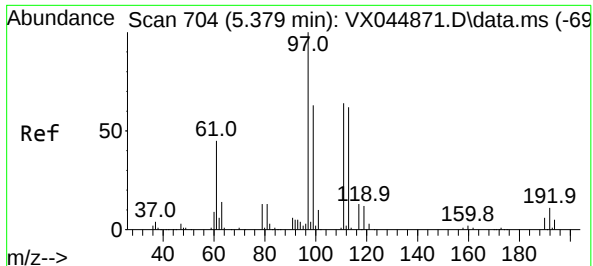
Tgt Ion: 65 Resp: 72878
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044902.D
 Acq: 11 Feb 2025 13:43

Tgt Ion: 114 Resp: 191976
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 16.4 0.0 31.4

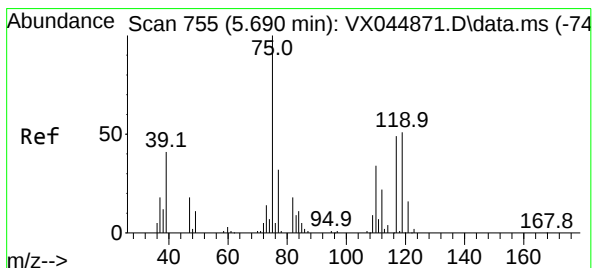
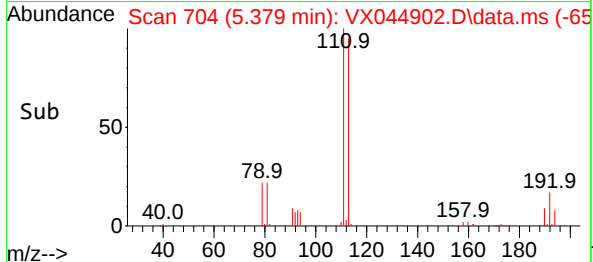
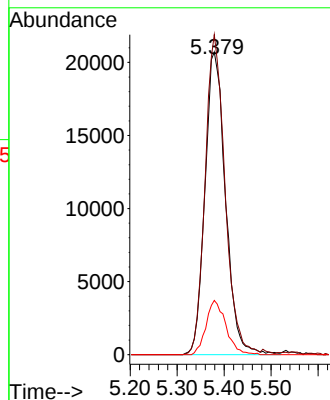
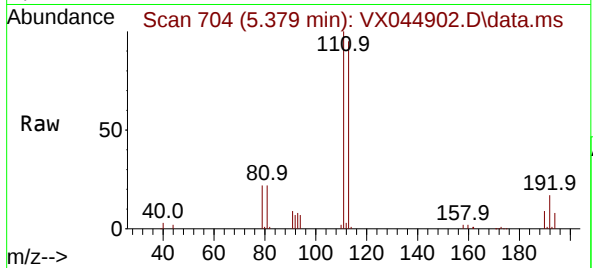




#35
Dibromofluoromethane
Concen: 50.379 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

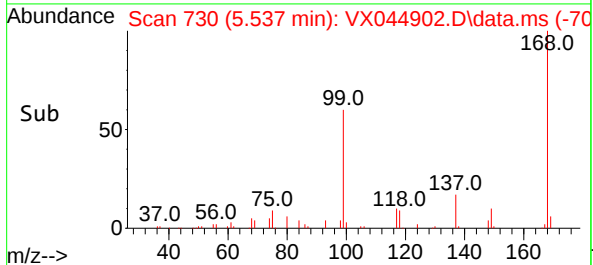
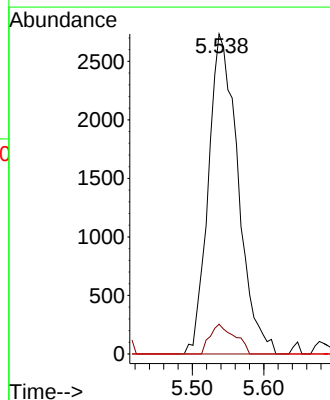
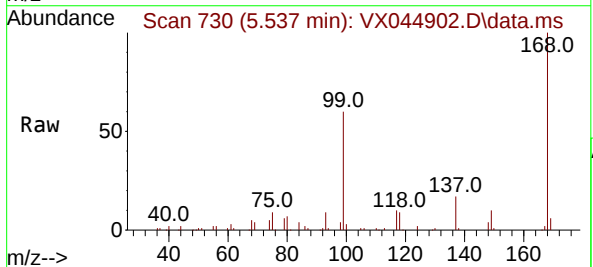
Instrument :
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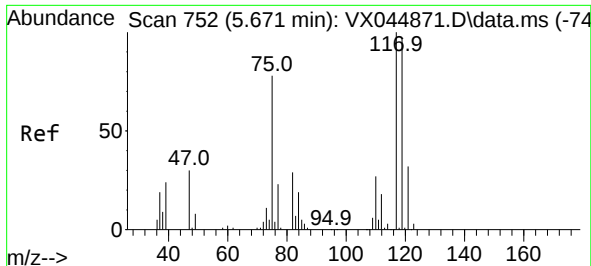
Tgt Ion:113 Resp: 62881
Ion Ratio Lower Upper
113 100
111 102.3 83.5 125.3
192 17.4 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.376 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

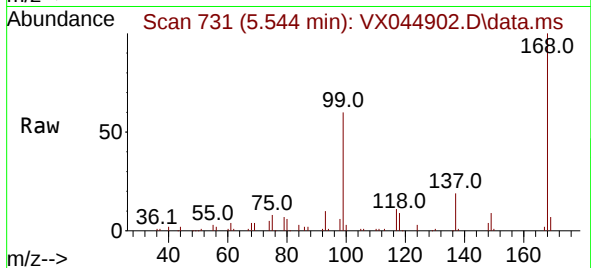
Tgt Ion: 75 Resp: 7880
Ion Ratio Lower Upper
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110 7.7 17.2 51.6#
77 0.0 24.6 37.0#



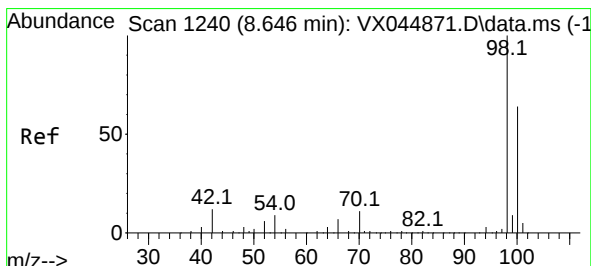
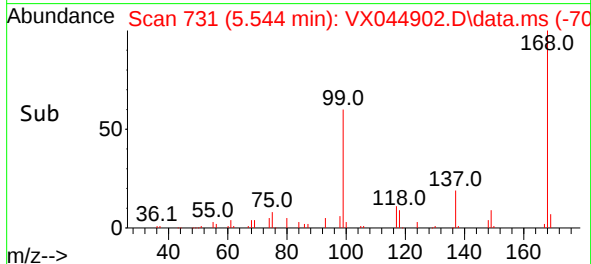
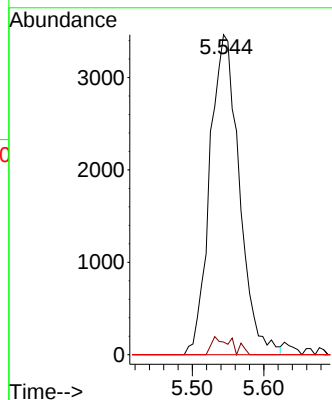


#38
Carbon Tetrachloride
Concen: 5.626 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

Instrument :
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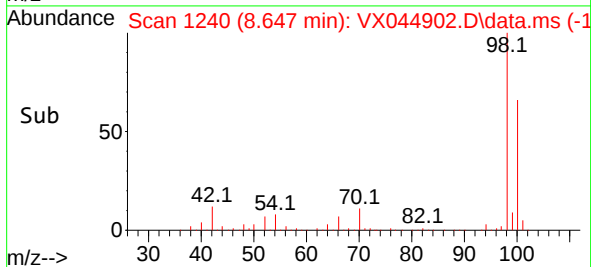
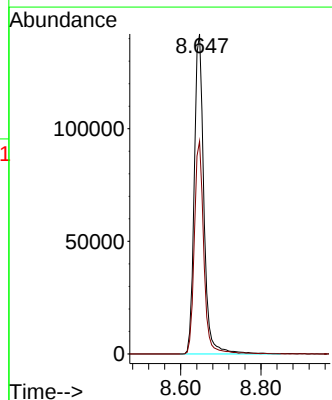
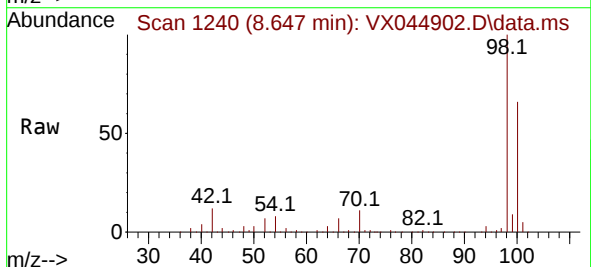


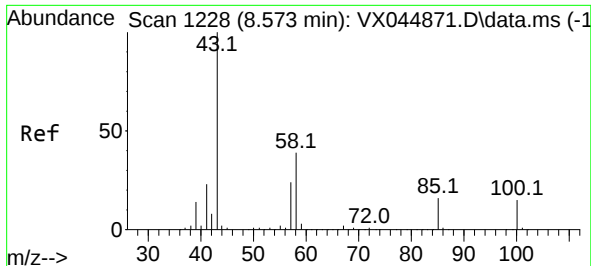
Tgt Ion:117 Resp: 9928
Ion Ratio Lower Upper
117 100
119 3.9 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.016 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

Tgt Ion: 98 Resp: 236064
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

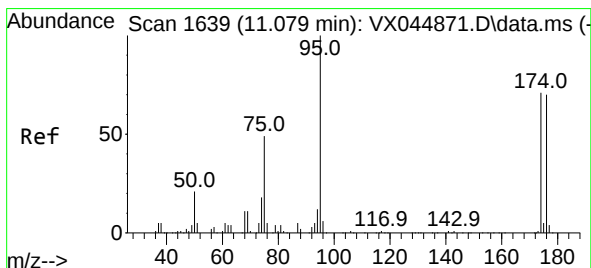
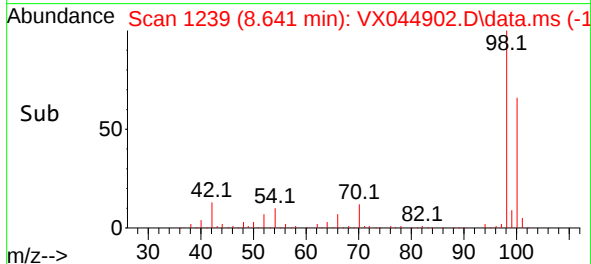
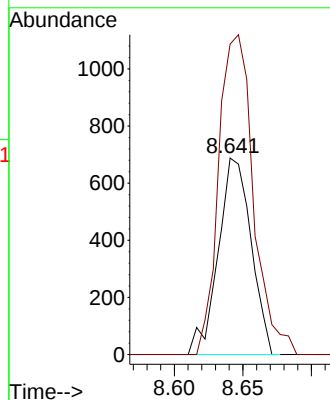
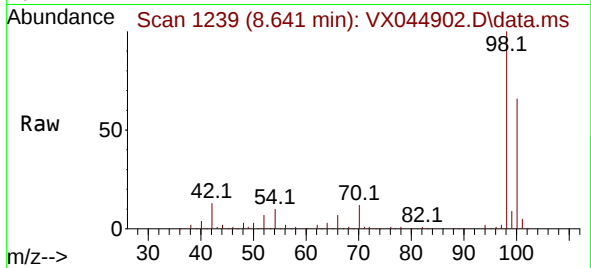




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.641 min Scan# 1148
Delta R.T. 0.067 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

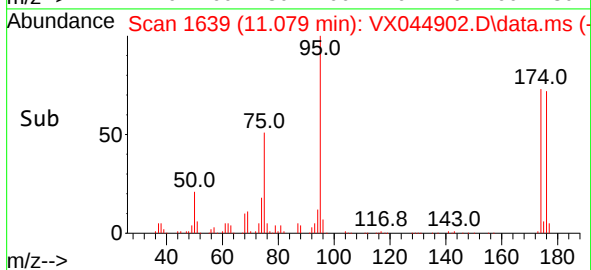
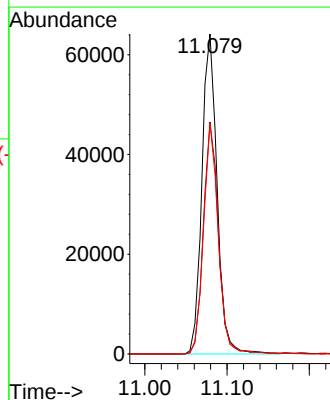
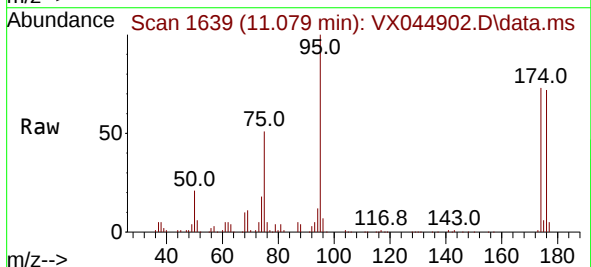
Instrument :
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ClientSampleId :
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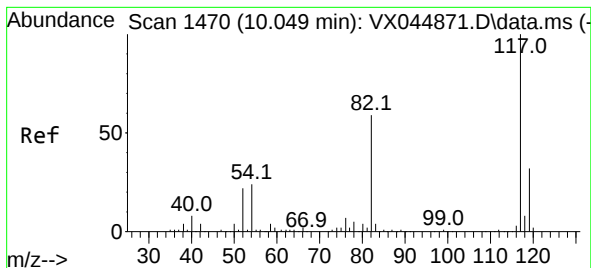
Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 172.0 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 51.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

Tgt Ion: 95 Resp: 82396
Ion Ratio Lower Upper
95 100
174 71.7 0.0 142.6
176 70.3 0.0 141.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044902.D

Acq: 11 Feb 2025 13:43

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-EB-20250131

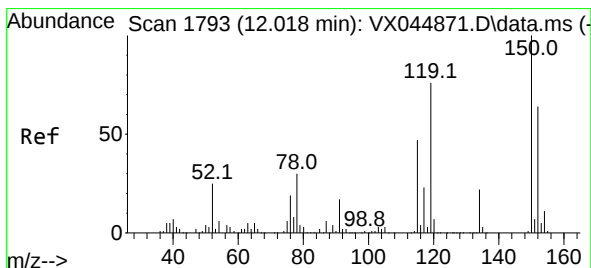
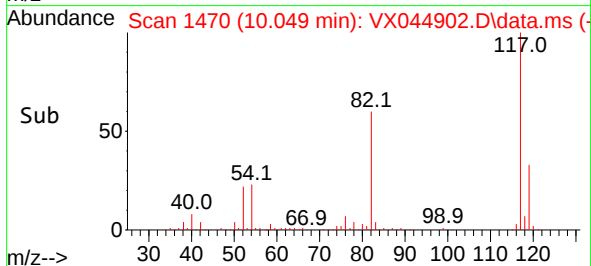
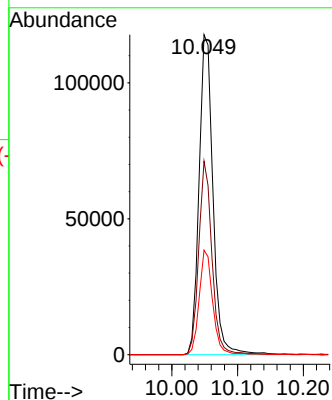
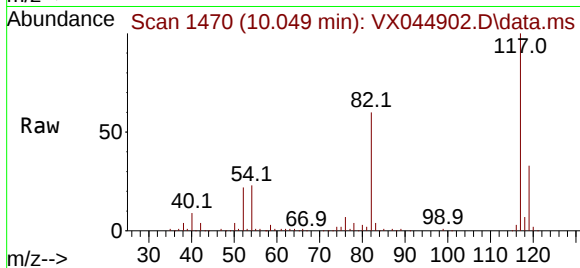
Tgt Ion:117 Resp: 173093

Ion Ratio Lower Upper

117 100

82 60.4 47.5 71.3

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044902.D

Acq: 11 Feb 2025 13:43

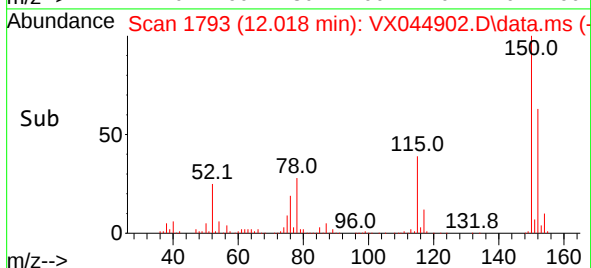
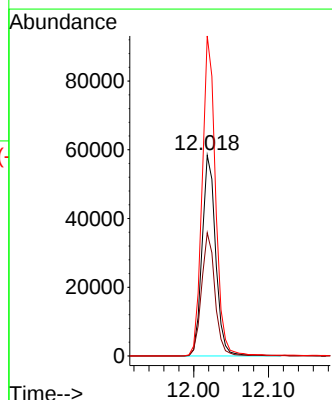
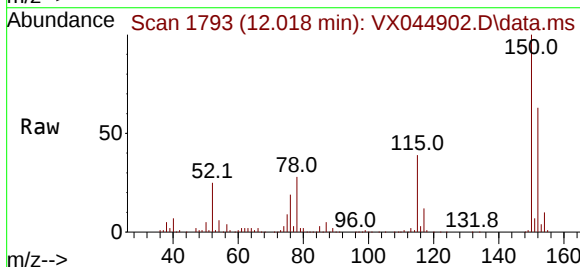
Tgt Ion:152 Resp: 73691

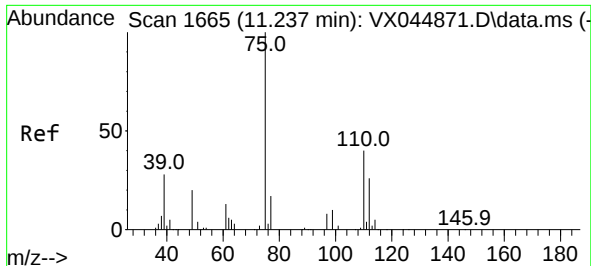
Ion Ratio Lower Upper

152 100

115 60.9 43.4 130.1

150 157.0 0.0 350.4

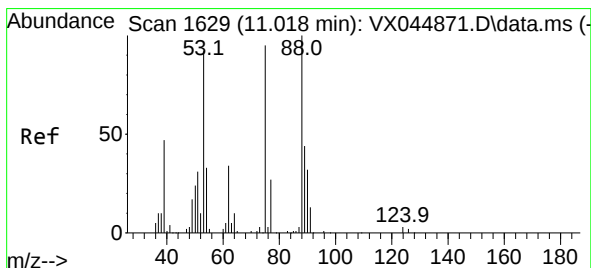
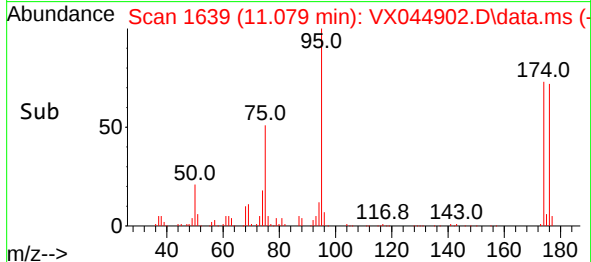
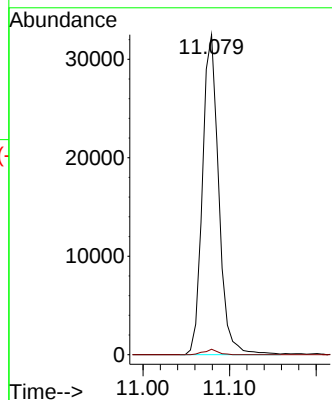
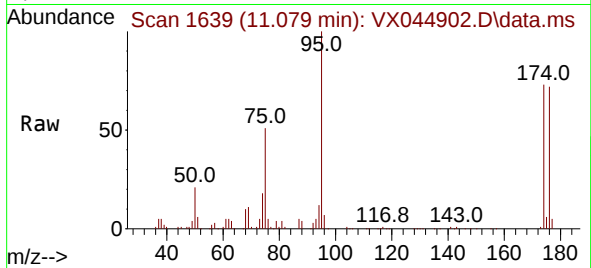




#76
1,2,3-Trichloropropane
Concen: 25.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-EB-20250131

Tgt Ion: 75 Resp: 42454
Ion Ratio Lower Upper
75 100
77 1.4 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.841 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044902.D
Acq: 11 Feb 2025 13:43

Tgt Ion: 75 Resp: 42454
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

