

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044612.D
 Acq On : 07 Jan 2025 19:14
 Operator : JC/MD
 Sample : Q1022-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-DUP-20250103

Quant Time: Jan 09 03:34:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

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

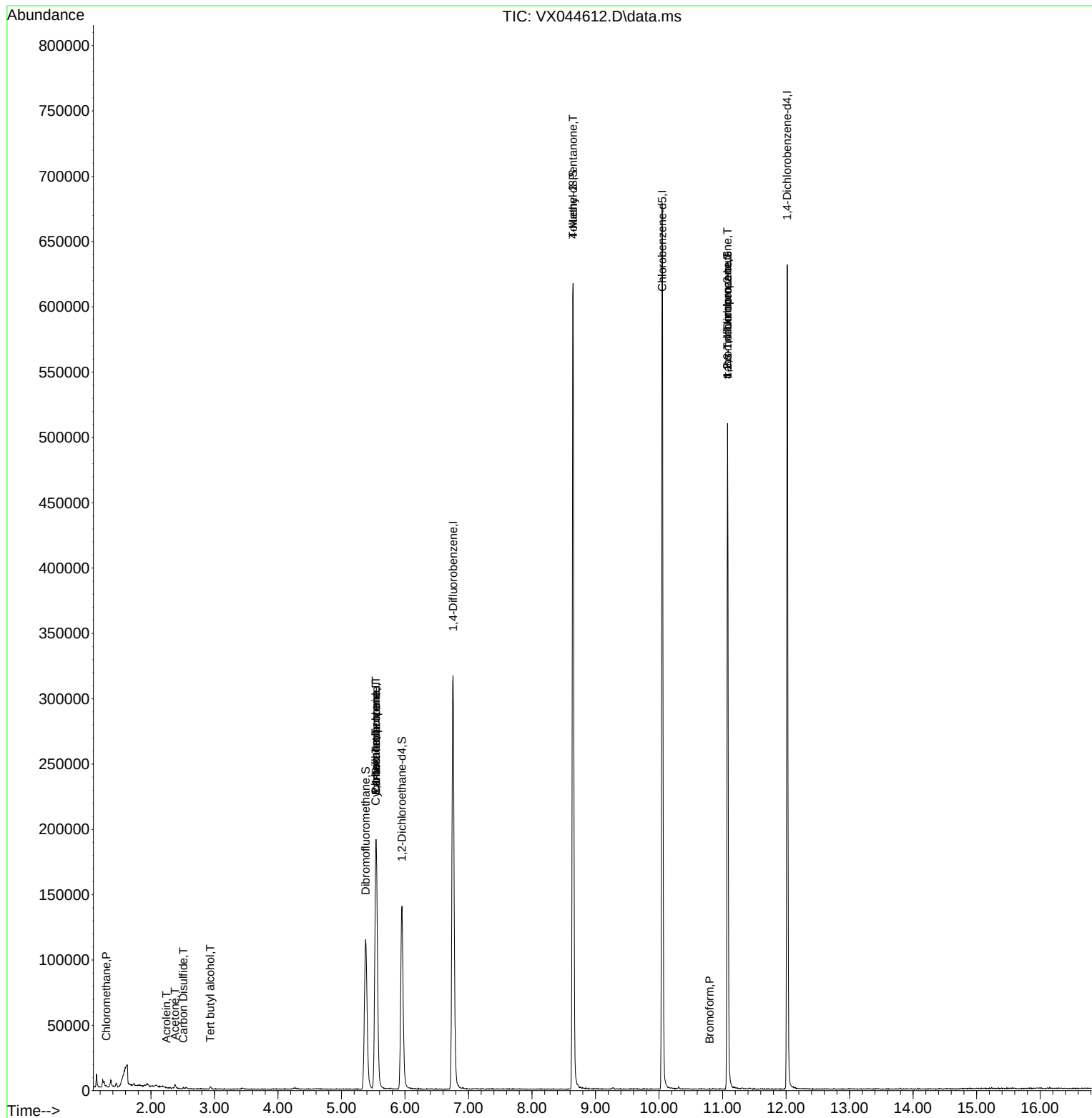
Internal Standards						
1) Pentafluorobenzene	5.544	168	172596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	314042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	292342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	123056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142884	51.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.680%	
35) Dibromofluoromethane	5.379	113	101480	47.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.240%	
50) Toluene-d8	8.647	98	380394	51.714	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	11.079	95	136144	52.438	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	668	0.268	ug/l	91
11) Tert butyl alcohol	2.934	59	558	1.628	ug/l #	72
13) Acrolein	2.239	56	97	0.214	ug/l #	71
16) Acetone	2.380	43	3541	4.037	ug/l #	83
17) Carbon Disulfide	2.508	76	833	0.209	ug/l #	88
31) Cyclohexane	5.538	56	4456	1.411	ug/l #	5
36) 1,1-Dichloropropene	5.544	75	14744	5.295	ug/l #	52
38) Carbon Tetrachloride	5.544	117	19471	6.302	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1901	0.692	ug/l #	1
71) Bromoform	10.799	173	56	0.650	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	74354	30.142	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	74354	91.752	ug/l #	4

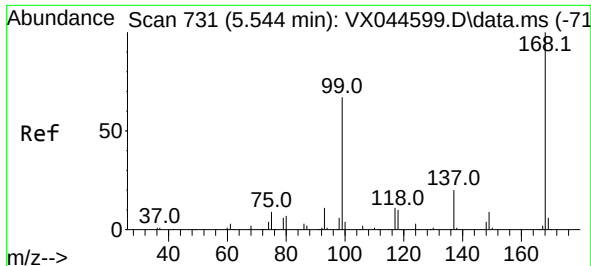
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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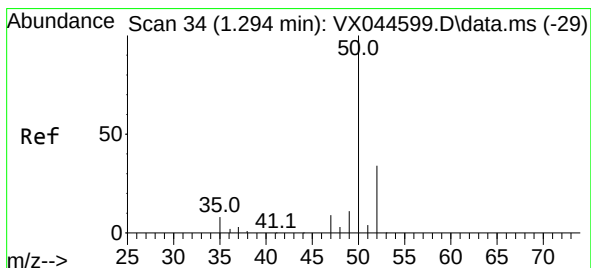
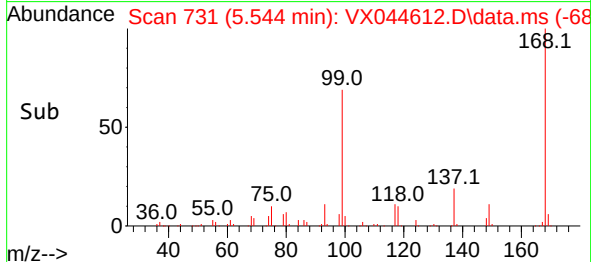
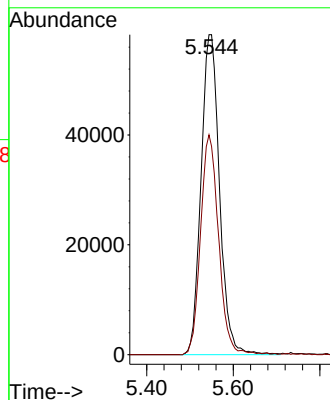
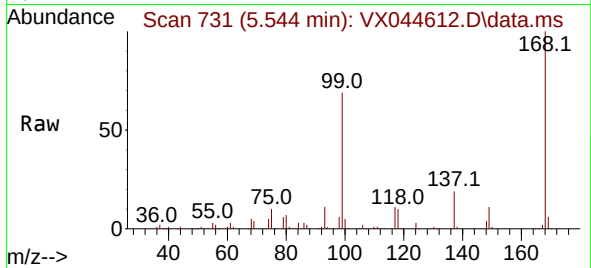




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

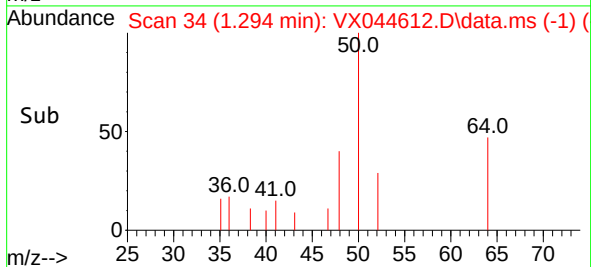
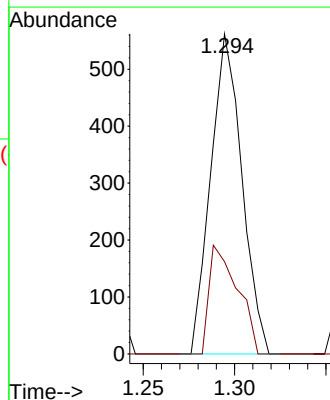
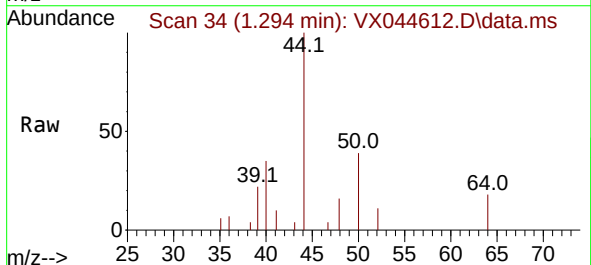
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-DUP-20250103

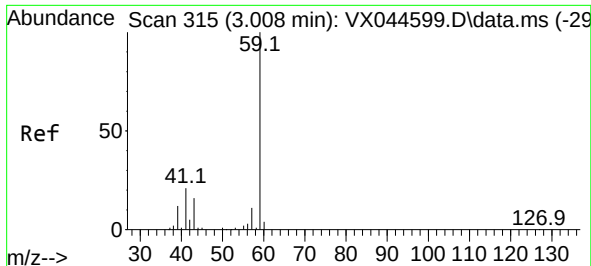
Tgt Ion:168 Resp: 172596
Ion Ratio Lower Upper
168 100
99 68.7 53.5 80.3



#3
Chloromethane
Concen: 0.268 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

Tgt Ion: 50 Resp: 668
Ion Ratio Lower Upper
50 100
52 28.8 27.0 40.4





#11

Tert butyl alcohol

Concen: 1.628 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.073 min

Lab File: VX044612.D

Acq: 07 Jan 2025 19:14

Instrument :

MSVOA_X

ClientSampleId :

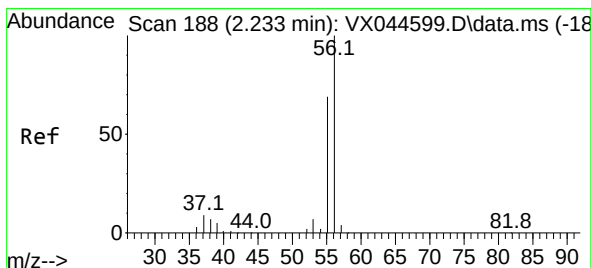
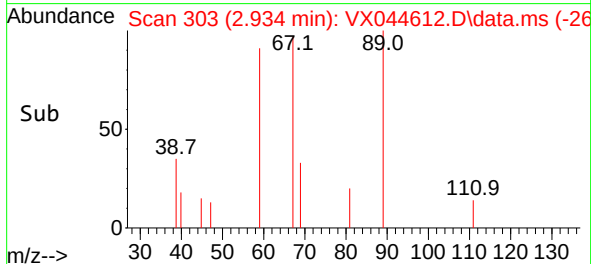
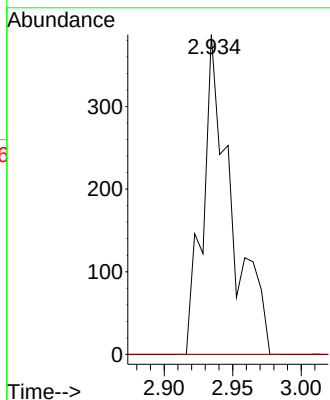
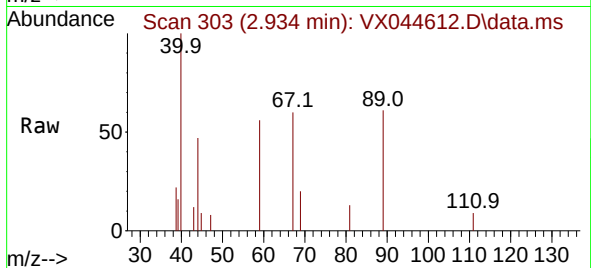
BP-VPB-190A-DUP-20250103

Tgt Ion: 59 Resp: 558

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.214 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX044612.D

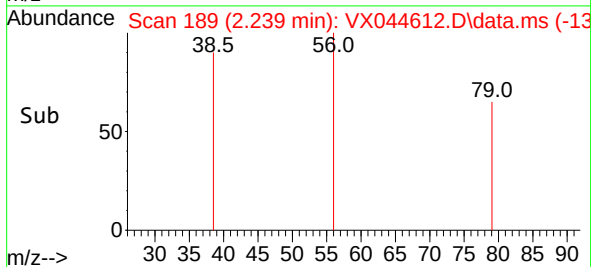
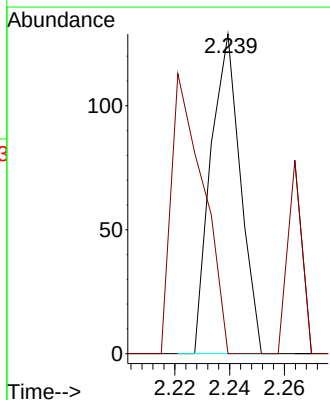
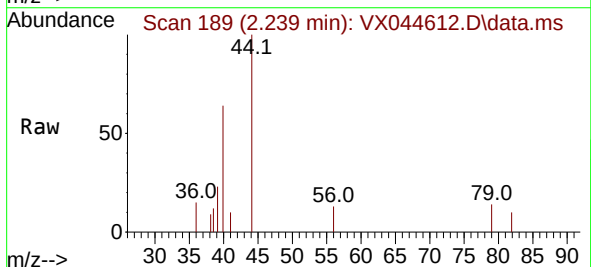
Acq: 07 Jan 2025 19:14

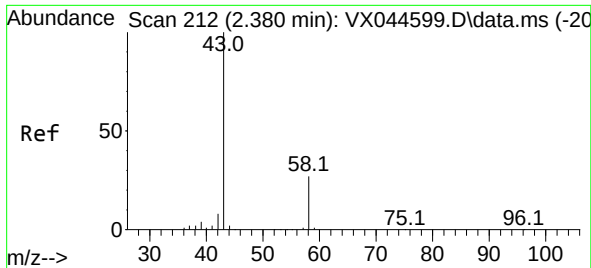
Tgt Ion: 56 Resp: 97

Ion Ratio Lower Upper

56 100

55 93.8 55.8 83.8#





#16

Acetone

Concen: 4.037 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044612.D

Acq: 07 Jan 2025 19:14

Instrument :

MSVOA_X

ClientSampleId :

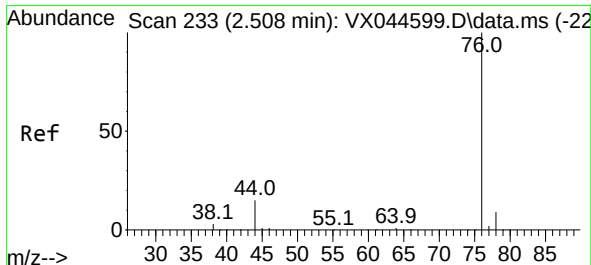
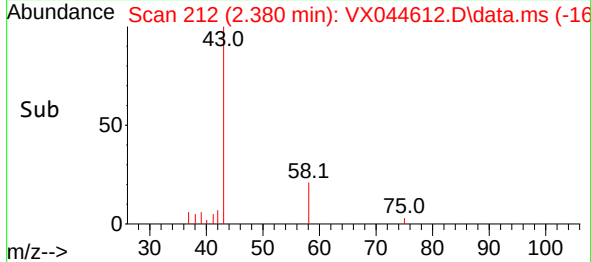
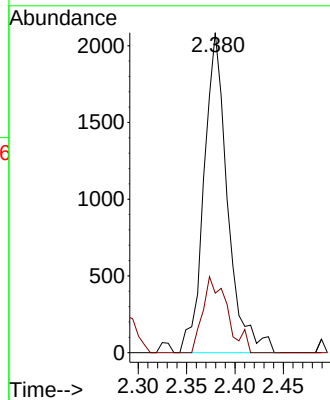
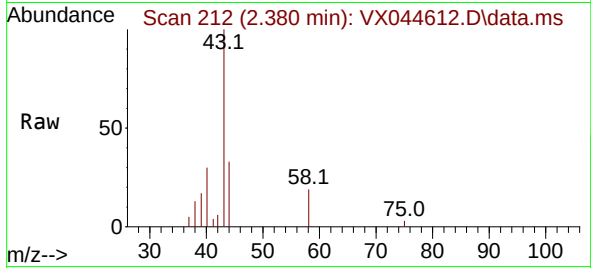
BP-VPB-190A-DUP-20250103

Tgt Ion: 43 Resp: 3541

Ion Ratio Lower Upper

43 100

58 18.6 22.0 33.0#



#17

Carbon Disulfide

Concen: 0.209 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.000 min

Lab File: VX044612.D

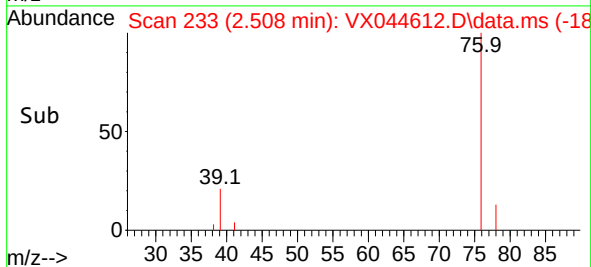
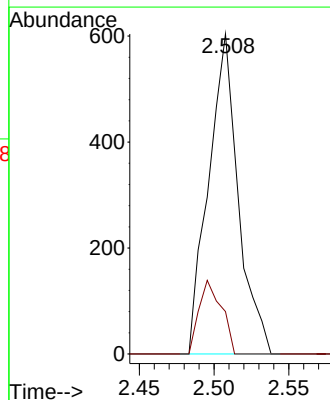
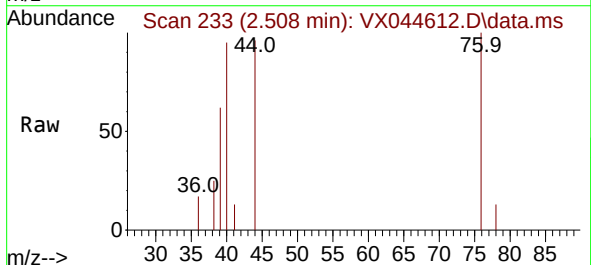
Acq: 07 Jan 2025 19:14

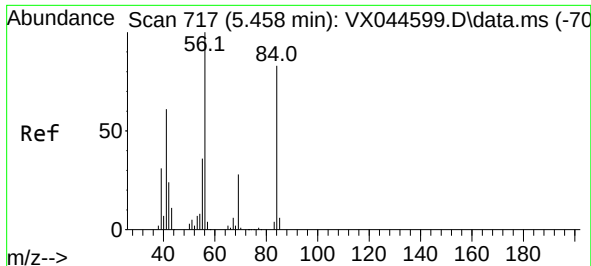
Tgt Ion: 76 Resp: 833

Ion Ratio Lower Upper

76 100

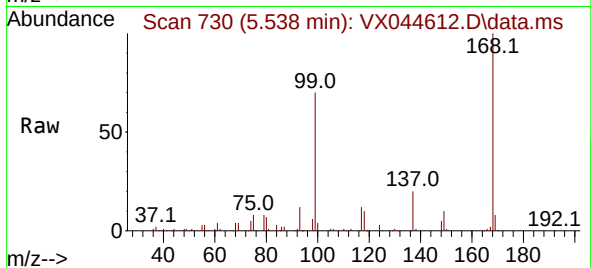
78 13.2 7.1 10.7#



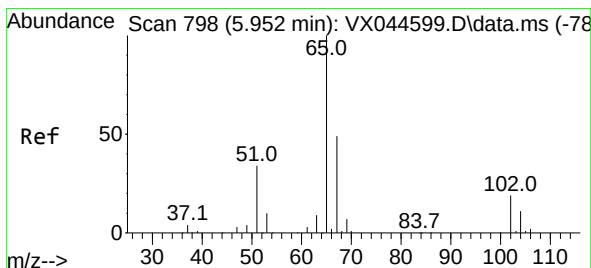
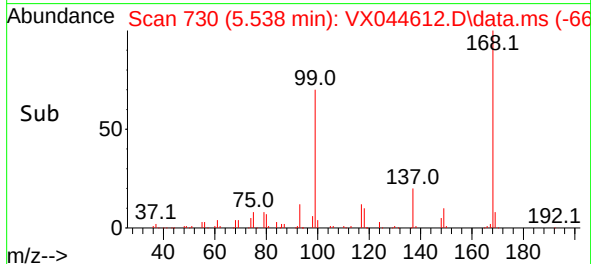
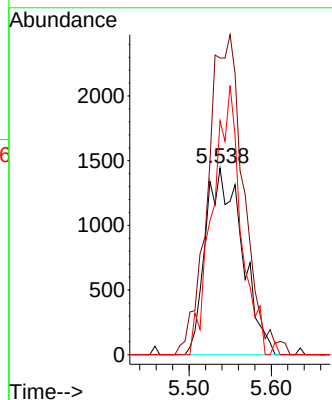


#31
Cyclohexane
Concen: 1.411 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-DUP-20250103

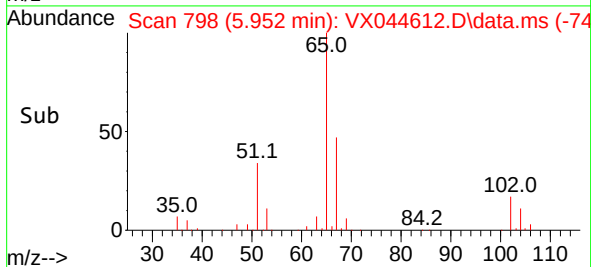
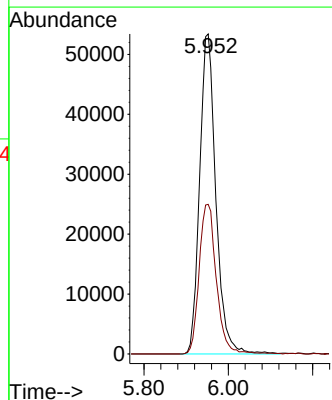
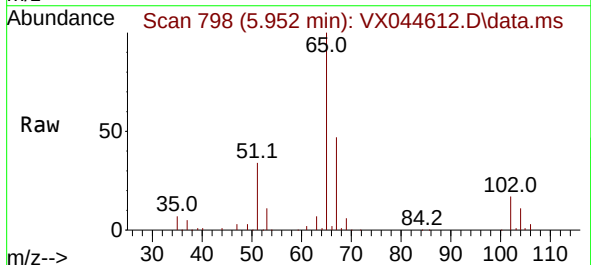


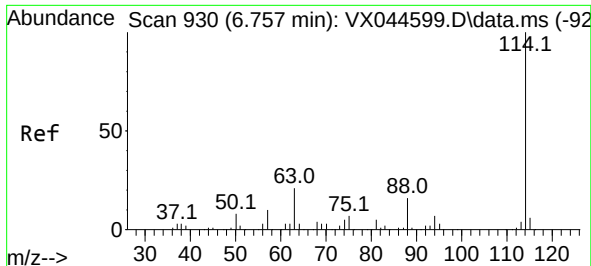
Tgt Ion: 56 Resp: 4456
Ion Ratio Lower Upper
56 100
69 154.2 22.2 33.4#
84 125.3 66.6 100.0#



#33
1,2-Dichloroethane-d4
Concen: 51.343 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

Tgt Ion: 65 Resp: 142884
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

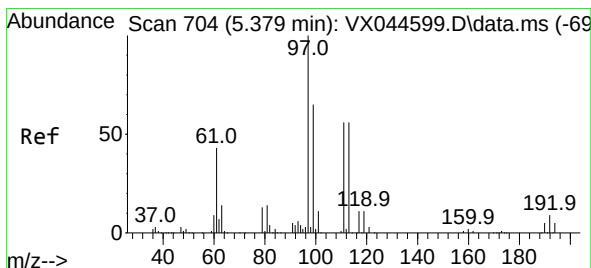
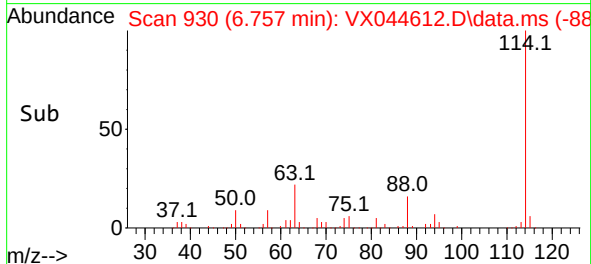
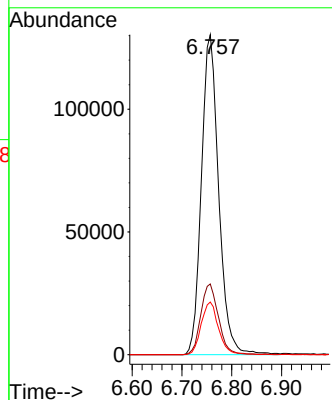
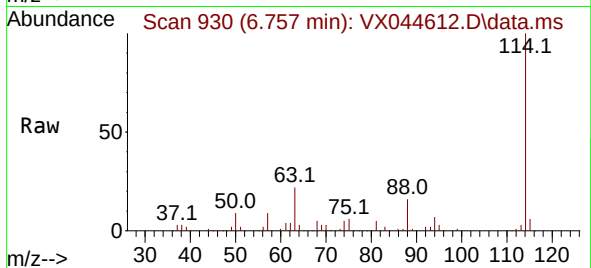




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

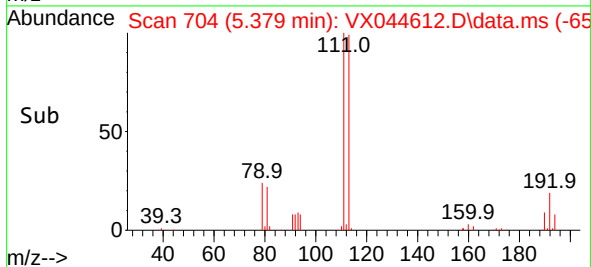
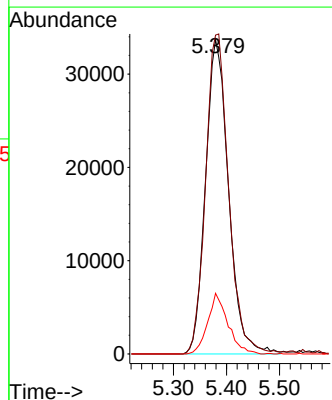
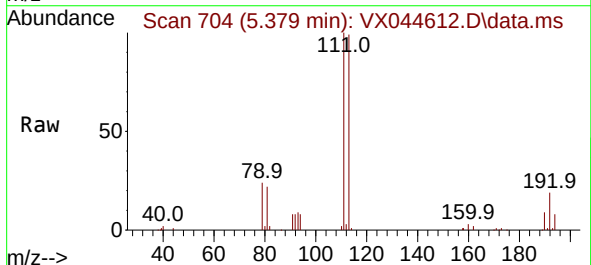
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-DUP-20250103

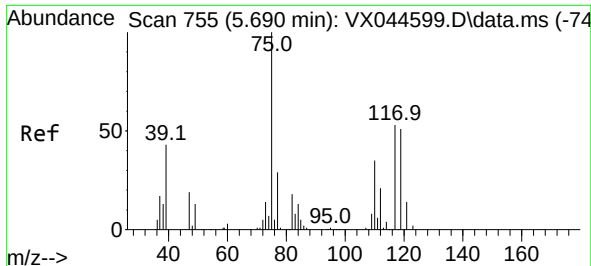
Tgt Ion:114 Resp: 314042
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.6
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.125 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

Tgt Ion:113 Resp: 101480
Ion Ratio Lower Upper
113 100
111 102.2 83.3 124.9
192 16.9 14.3 21.5

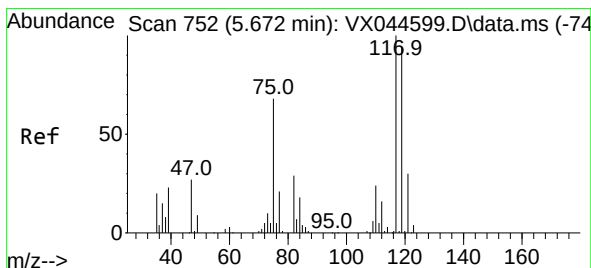
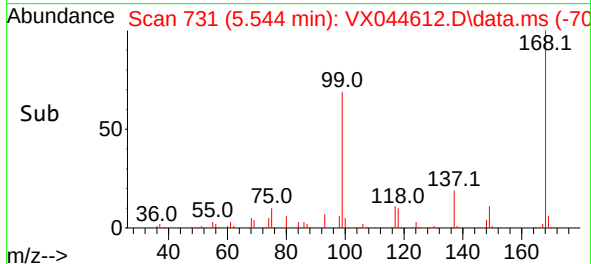
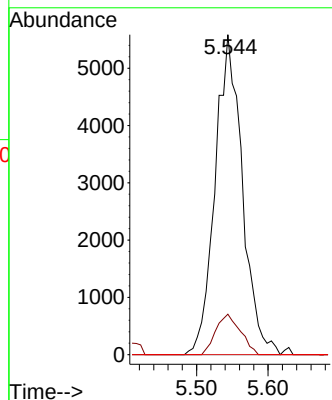
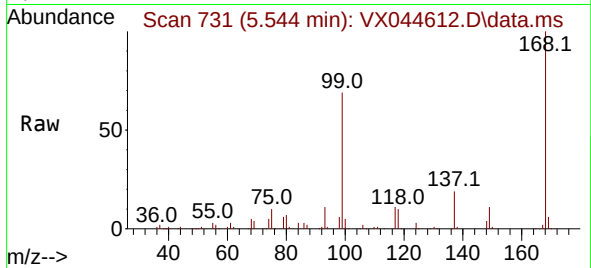




#36
1,1-Dichloropropene
Concen: 5.295 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

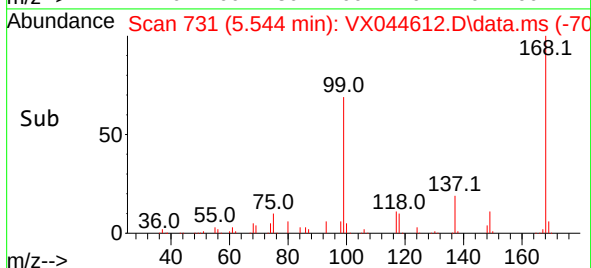
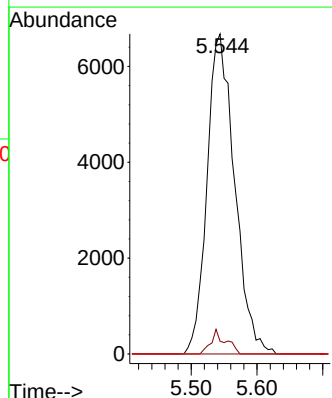
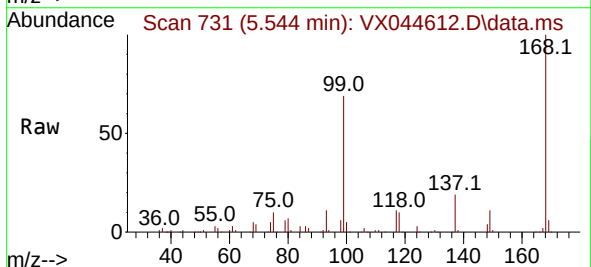
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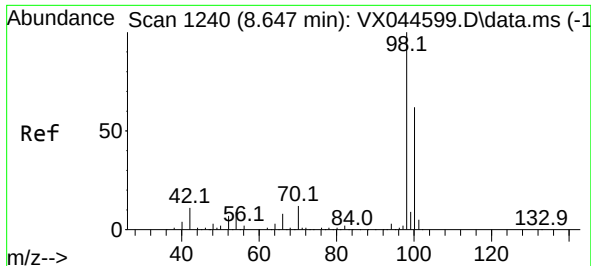
Tgt Ion: 75 Resp: 14744
Ion Ratio Lower Upper
75 100
110 11.5 17.3 51.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.302 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

Tgt Ion: 117 Resp: 19471
Ion Ratio Lower Upper
117 100
119 4.0 74.5 111.7#
121 0.0 24.1 36.1#

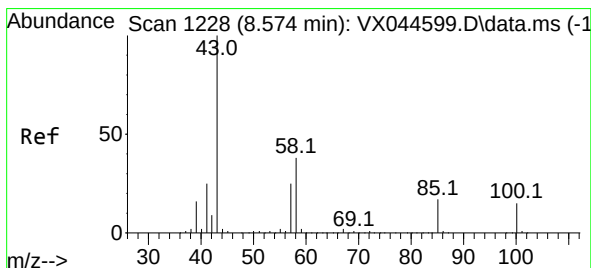
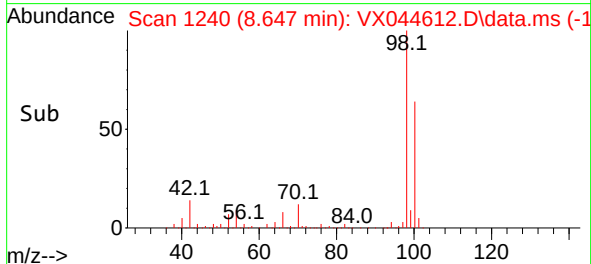
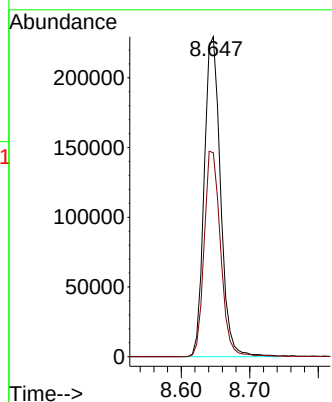
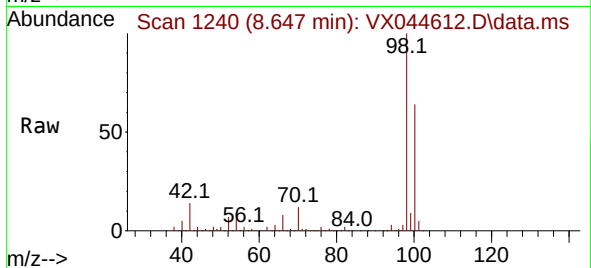




#50
Toluene-d8
Concen: 51.714 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

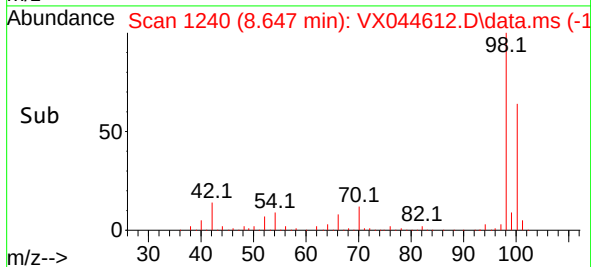
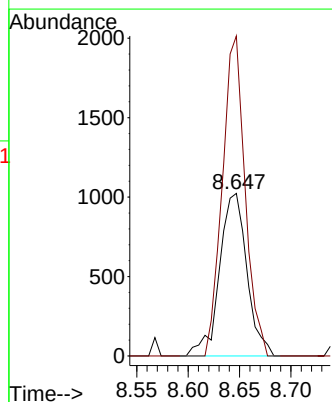
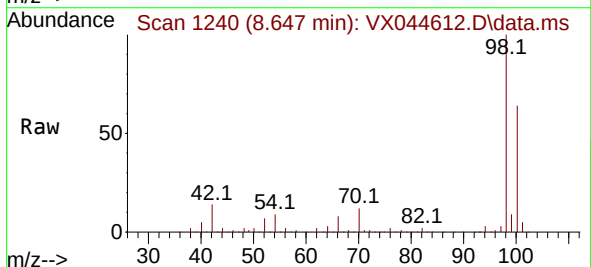
Instrument : MSVOA_X
ClientSampleId : BP-VPB-190A-DUP-20250103

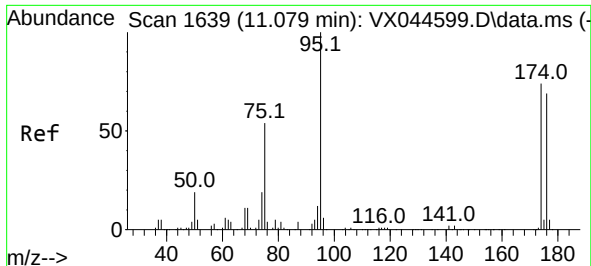
Tgt Ion: 98 Resp: 380394
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.692 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
58 163.0 30.0 45.0#

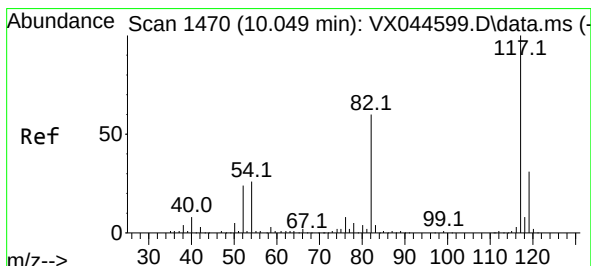
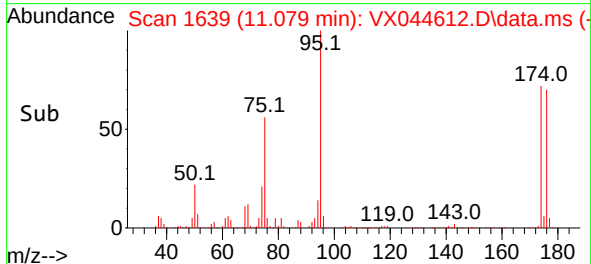
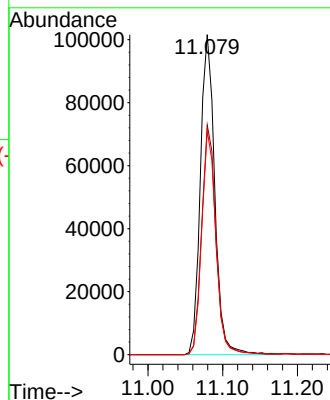
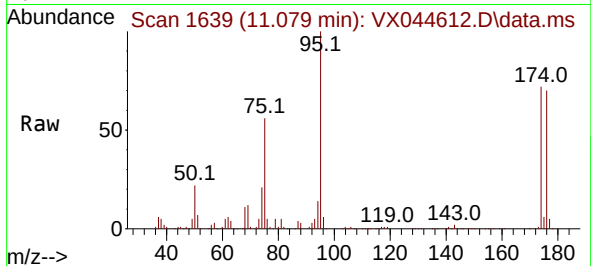




#62
4-Bromofluorobenzene
Concen: 52.438 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

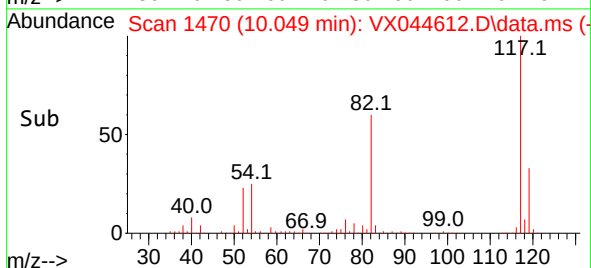
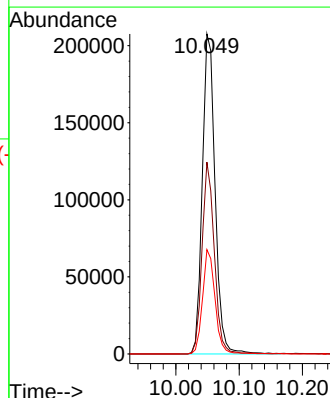
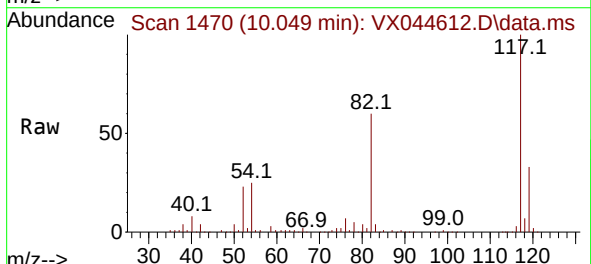
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-DUP-20250103

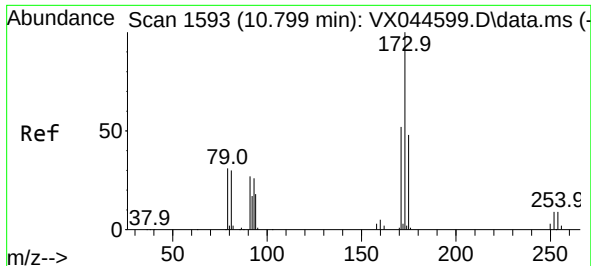
Tgt Ion: 95 Resp: 136144
Ion Ratio Lower Upper
95 100
174 71.1 0.0 148.8
176 69.0 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

Tgt Ion: 117 Resp: 292342
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.6
119 32.6 25.0 37.6

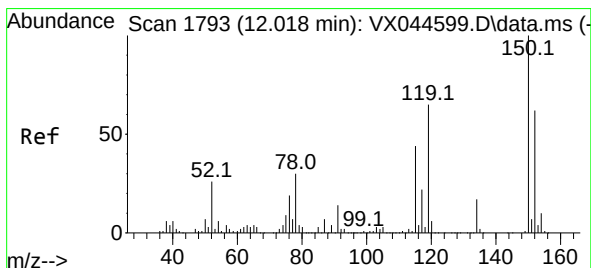
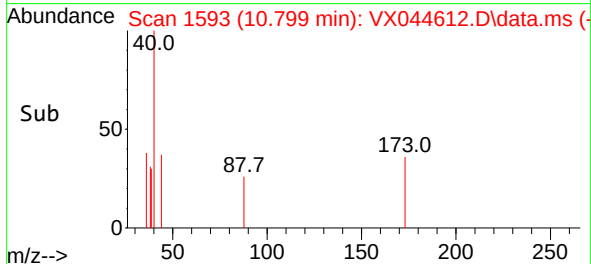
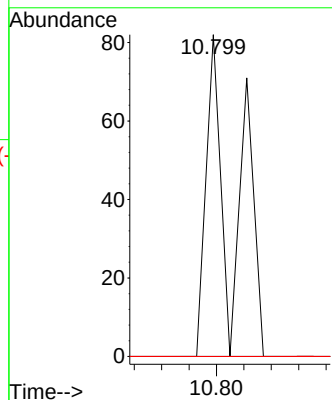
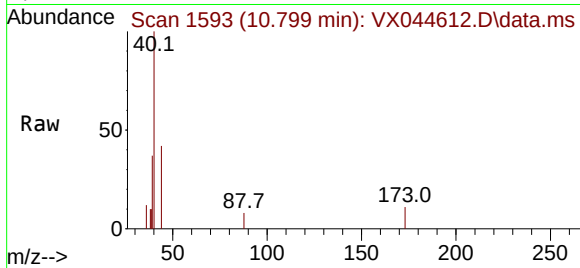




#71
Bromoform
Concen: 0.650 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

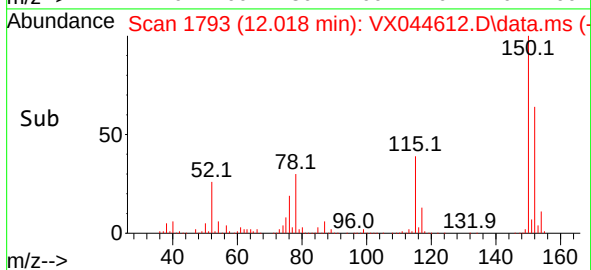
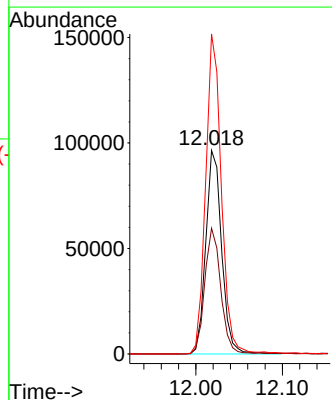
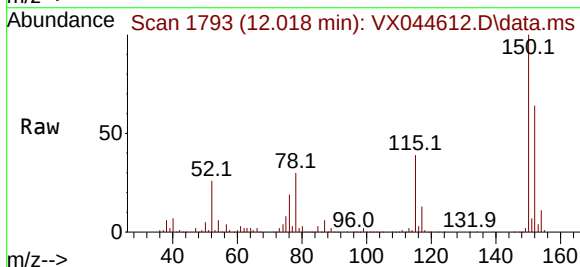
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-DUP-20250103

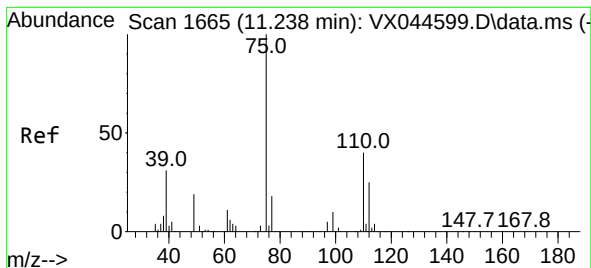
Tgt Ion:173 Resp: 56
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044612.D
Acq: 07 Jan 2025 19:14

Tgt Ion:152 Resp: 123056
Ion Ratio Lower Upper
152 100
115 62.4 44.4 133.1
150 156.0 0.0 355.0





#76

1,2,3-Trichloropropane

Concen: 30.142 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044612.D

Acq: 07 Jan 2025 19:14

Instrument :

MSVOA_X

ClientSampleId :

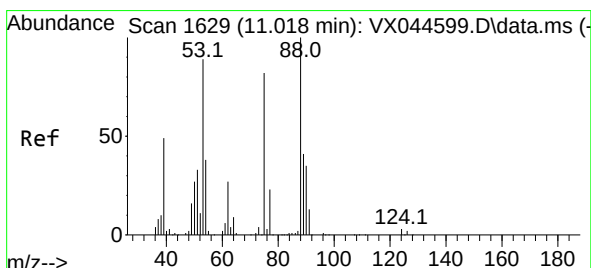
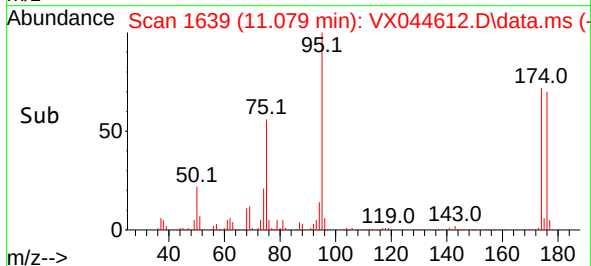
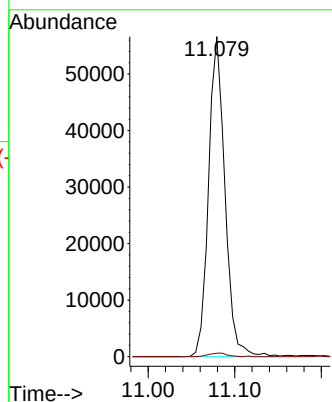
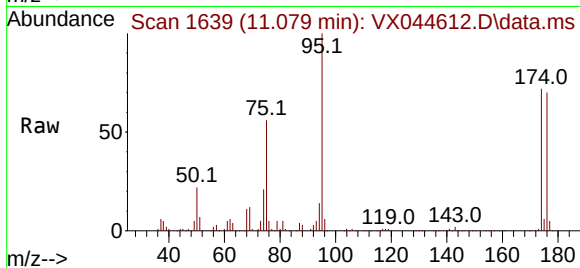
BP-VPB-190A-DUP-20250103

Tgt Ion: 75 Resp: 74354

Ion Ratio Lower Upper

75 100

77 1.3 21.1 63.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.752 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044612.D

Acq: 07 Jan 2025 19:14

Tgt Ion: 75 Resp: 74354

Ion Ratio Lower Upper

75 100

53 0.0 92.7 139.1#

89 0.0 38.3 57.5#

