

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037891.D
 Acq On : 25 Sep 2023 12:56
 Operator : JC/MD
 Sample : 04595-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-440-442

Quant Time: Sep 26 06:57:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

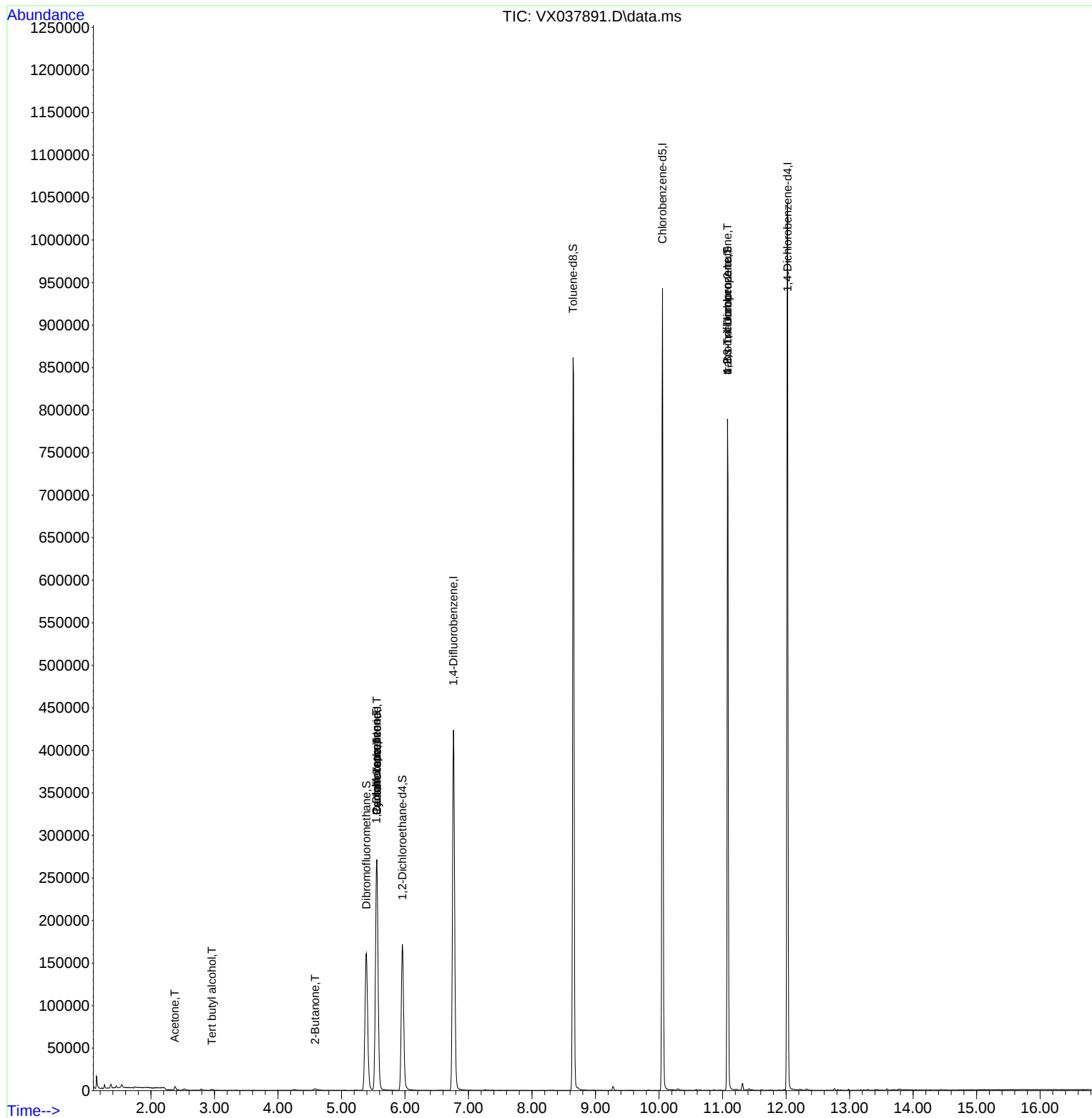
Internal Standards						
1) Pentafluorobenzene	5.556	168	262601	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	443545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	426376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162759	47.174	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.340%	
35) Dibromofluoromethane	5.391	113	142754	48.101	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.200%	
50) Toluene-d8	8.647	98	526640	47.759	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	95.520%	
62) 4-Bromofluorobenzene	11.079	95	206256	51.473	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.940%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	1292	1.745	ug/l	# 78
16) Acetone	2.374	43	4553	2.743	ug/l	94
25) 2-Butanone	4.587	43	3243	1.385	ug/l	# 80
31) Cyclohexane	5.556	56	5498	1.242	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	19792	4.841	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	26625	6.224	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	103813	20.222	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	103813	64.777	ug/l	# 5

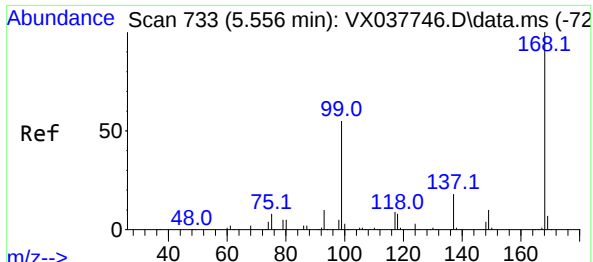
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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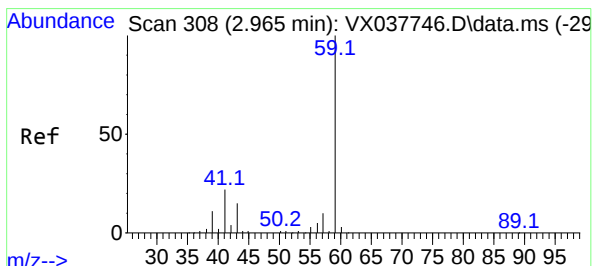
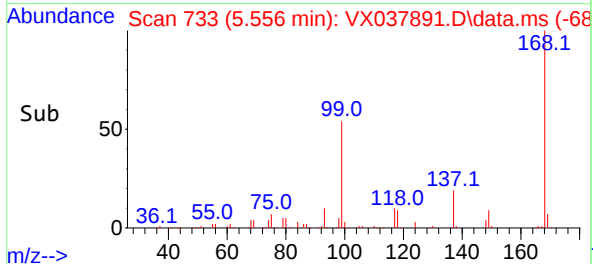
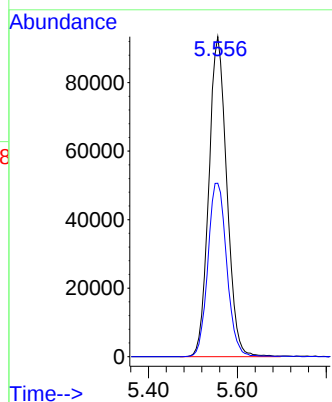
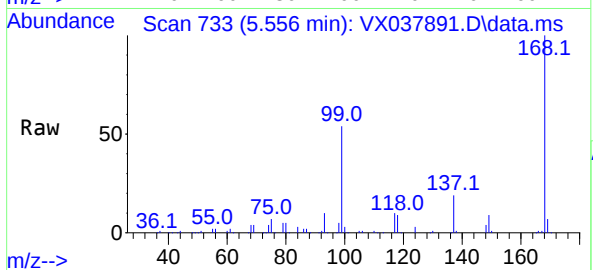




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

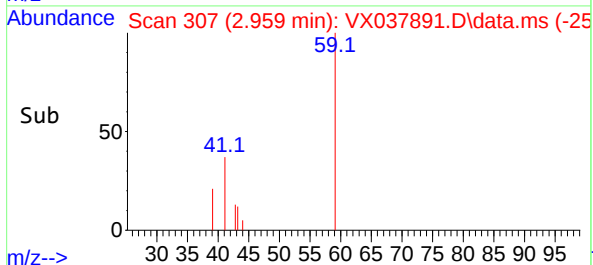
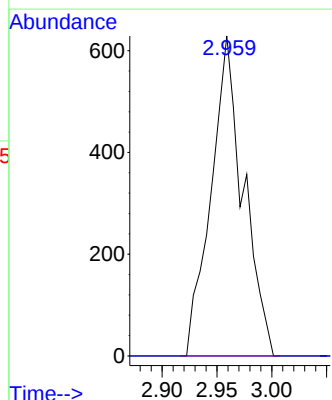
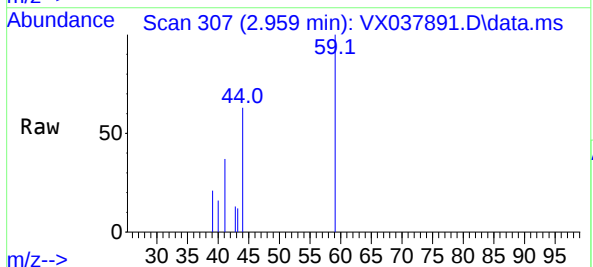
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-440-442

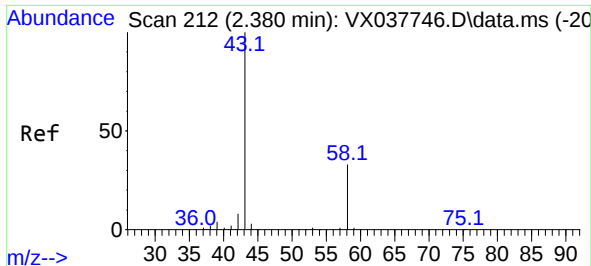
Tgt Ion:168 Resp: 262601
Ion Ratio Lower Upper
168 100
99 54.2 56.6 85.0#



#11
Tert butyl alcohol
Concen: 1.745 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 59 Resp: 1292
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

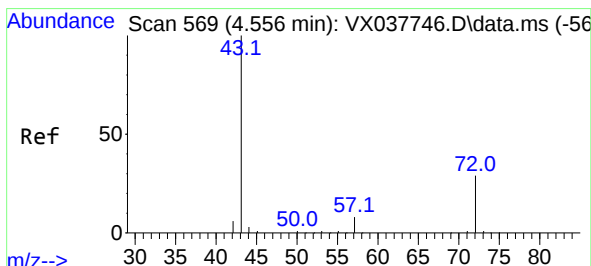
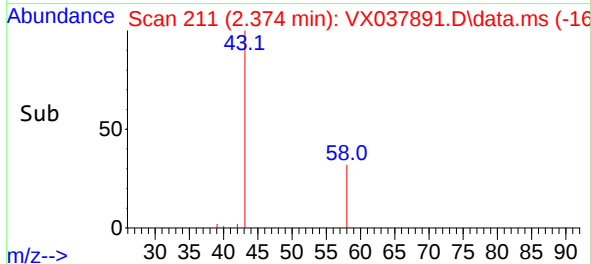
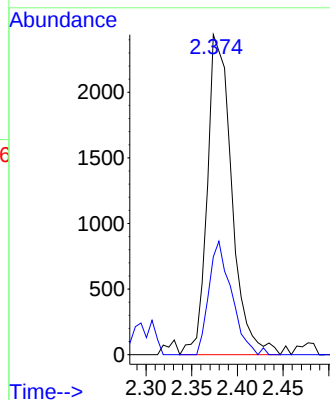
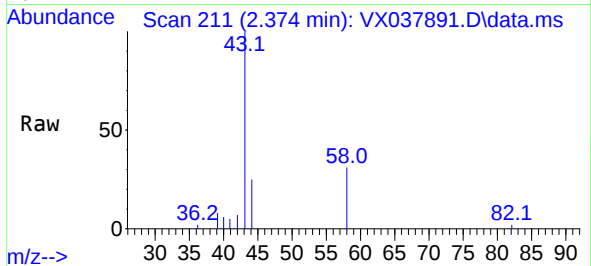




#16
Acetone
Concen: 2.743 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

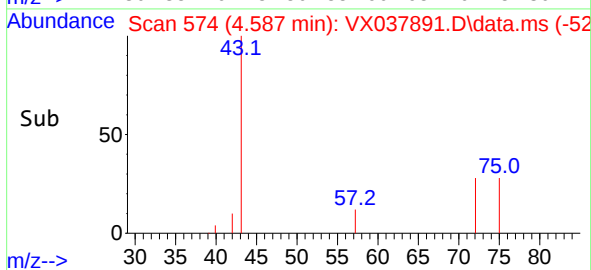
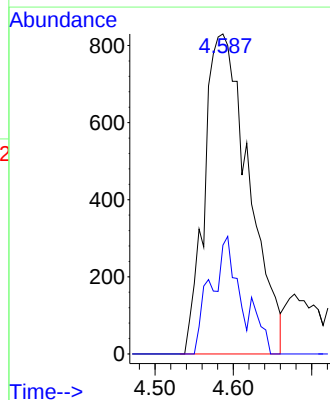
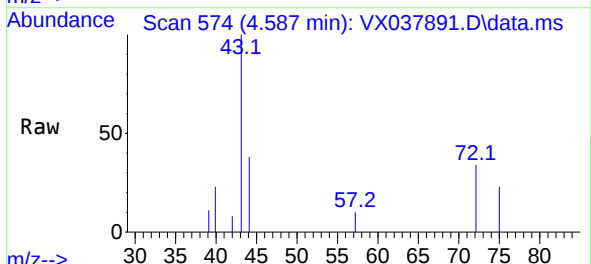
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-440-442

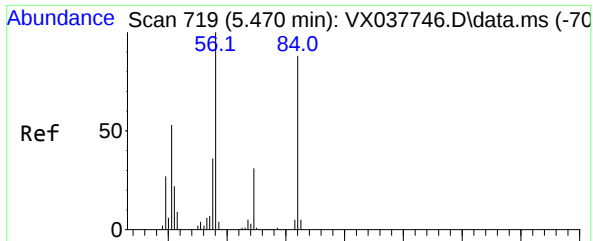
Tgt Ion: 43 Resp: 4553
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9



#25
2-Butanone
Concen: 1.385 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 43 Resp: 3243
Ion Ratio Lower Upper
43 100
72 34.0 19.4 29.2#

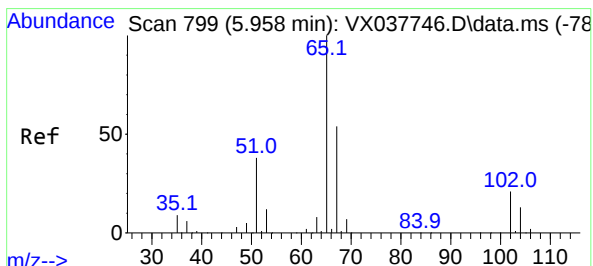
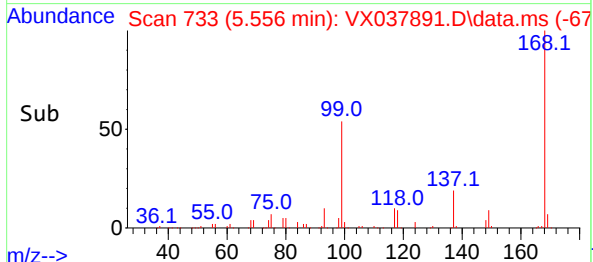
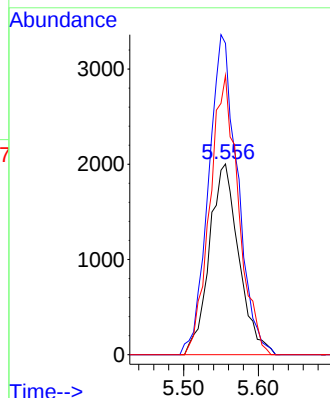
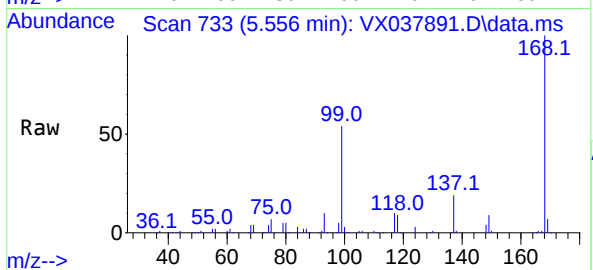




#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

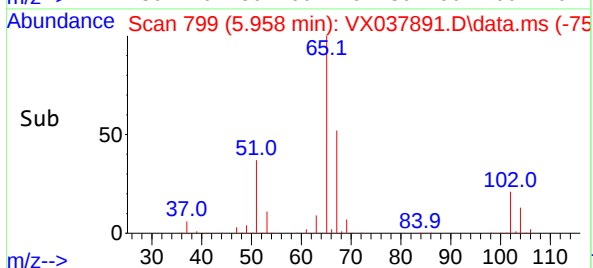
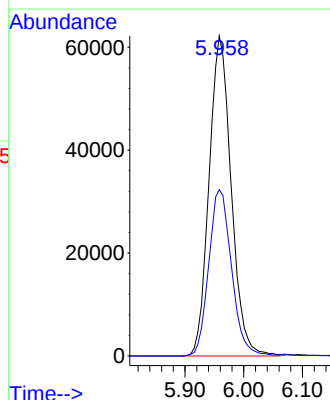
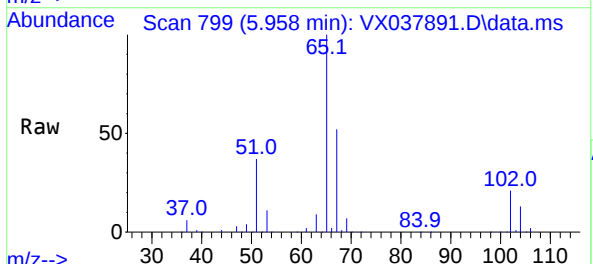
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-440-442

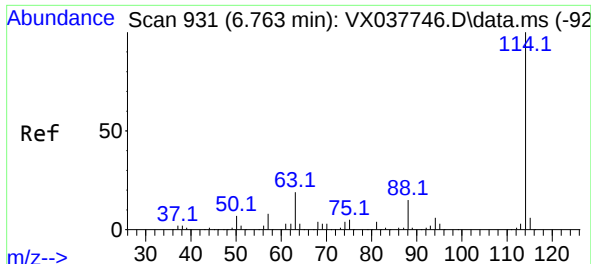
Tgt Ion: 56 Resp: 5498
Ion Ratio Lower Upper
56 100
69 163.3 23.4 35.2#
84 146.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.174 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 65 Resp: 162759
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

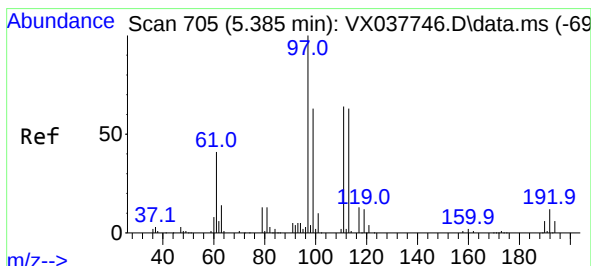
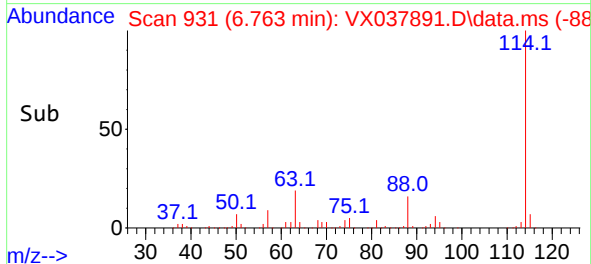
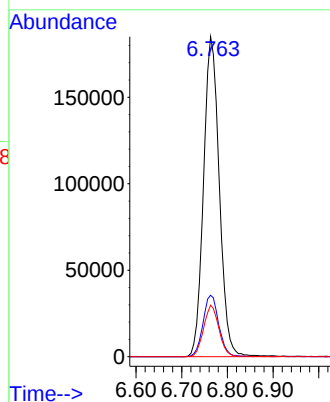
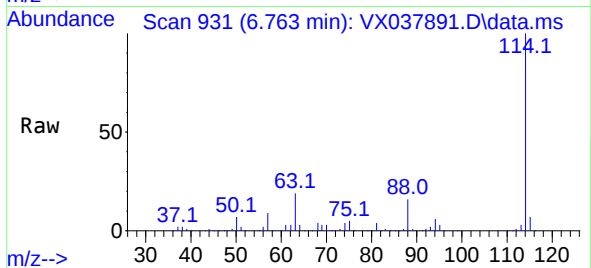




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

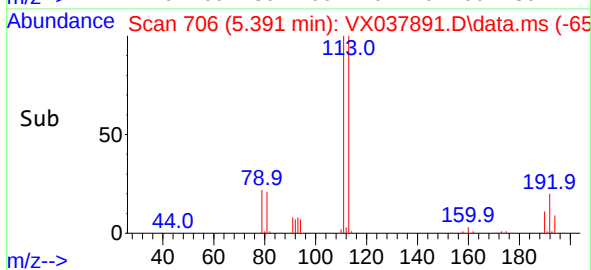
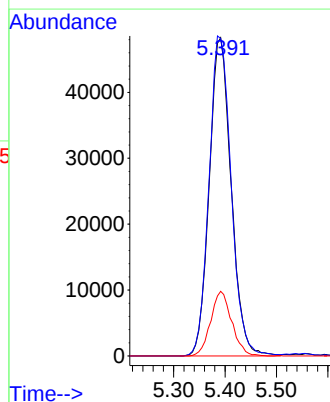
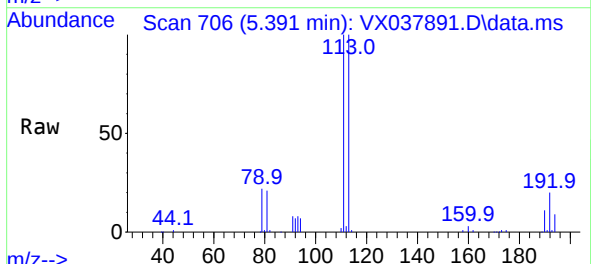
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-440-442

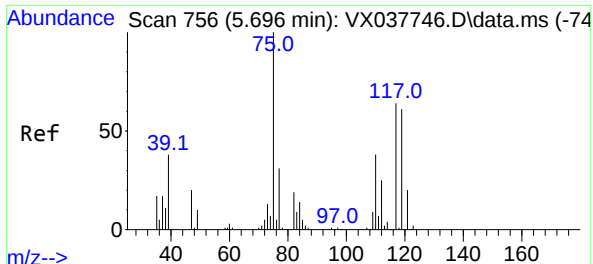
Tgt Ion:114 Resp: 443545
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.101 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

Tgt Ion:113 Resp: 142754
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 19.6 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.841 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX037891.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-GW-440-442

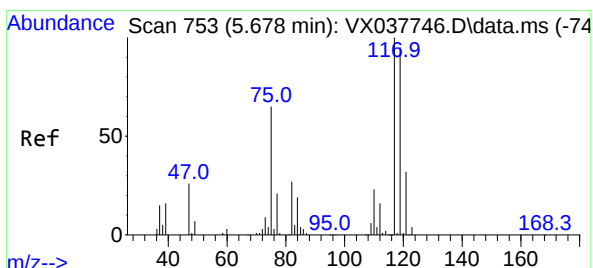
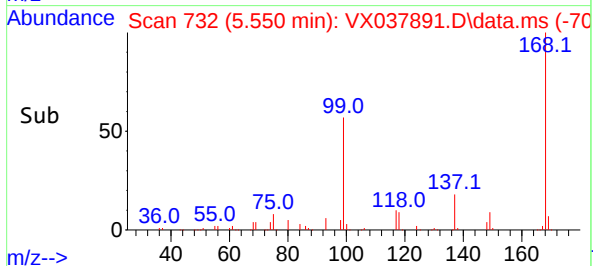
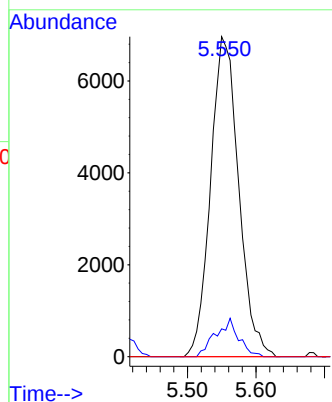
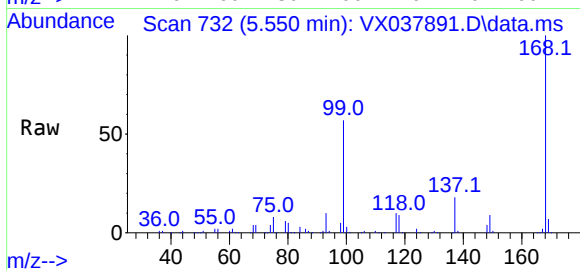
Tgt Ion: 75 Resp: 19792

Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.224 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX037891.D

Acq: 25 Sep 2023 12:56

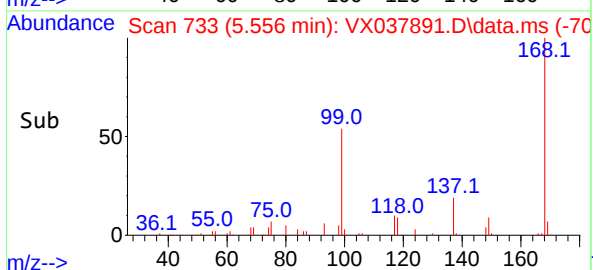
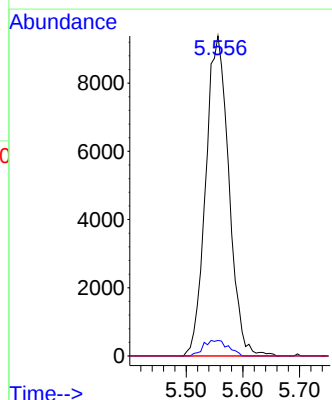
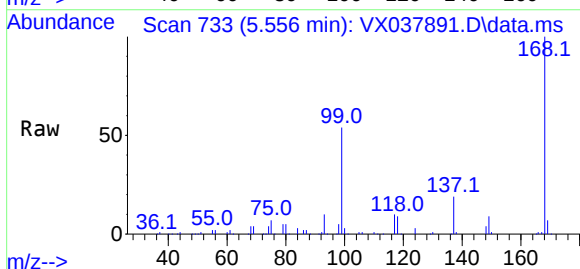
Tgt Ion: 117 Resp: 26625

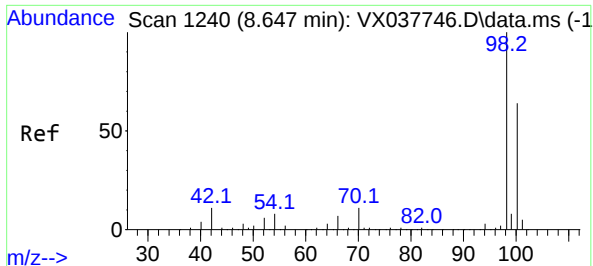
Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

121 0.0 24.4 36.6#

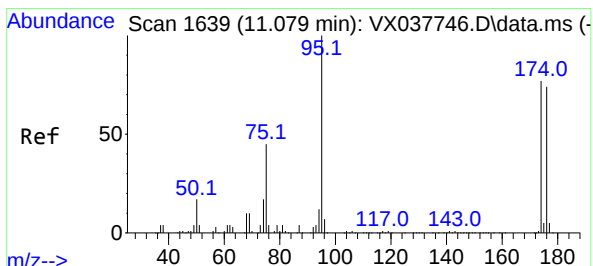
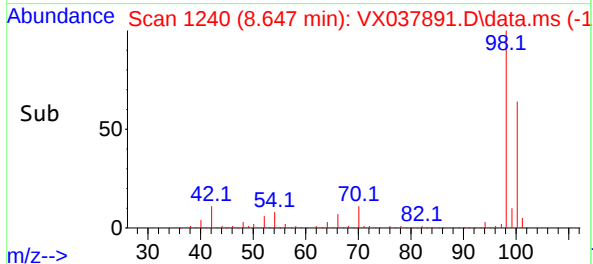
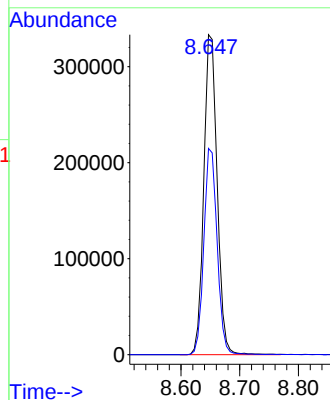
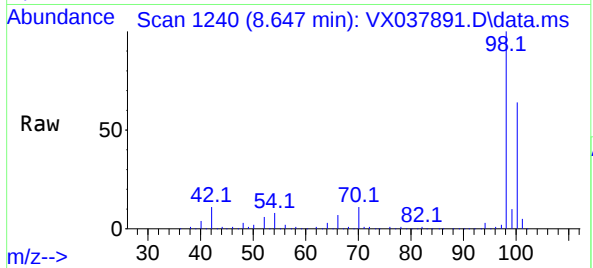




#50
Toluene-d8
Concen: 47.759 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

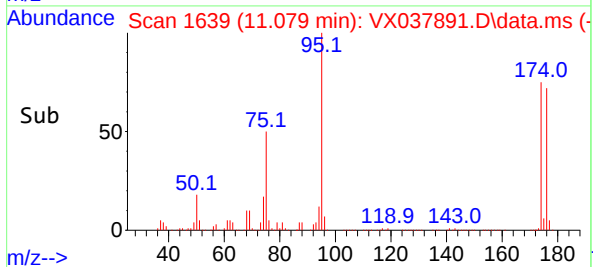
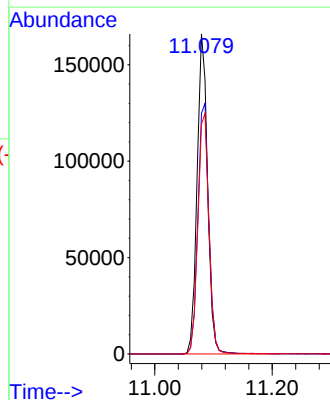
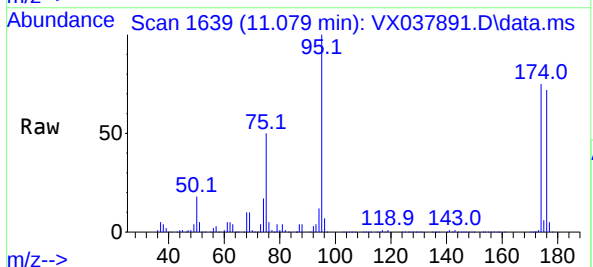
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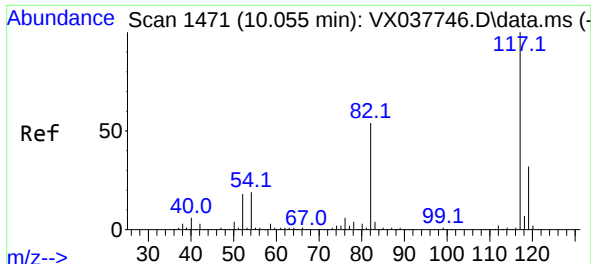
Tgt Ion: 98 Resp: 526640
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 95 Resp: 206256
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 78.8 0.0 131.0

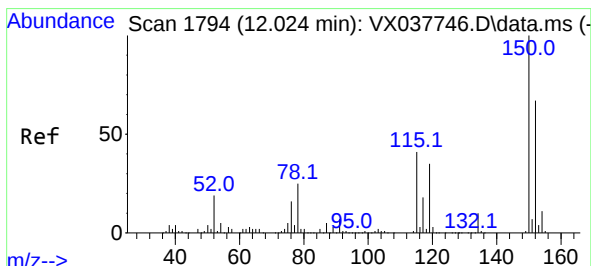
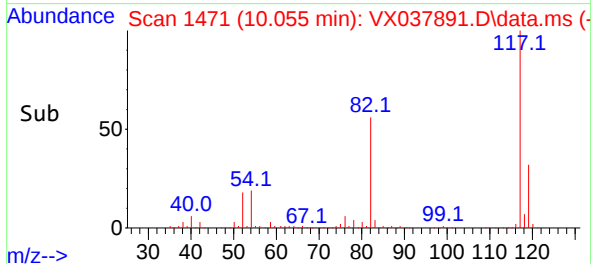
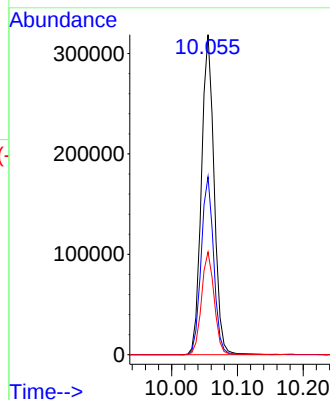
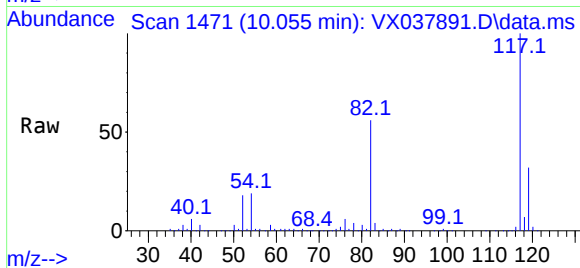




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

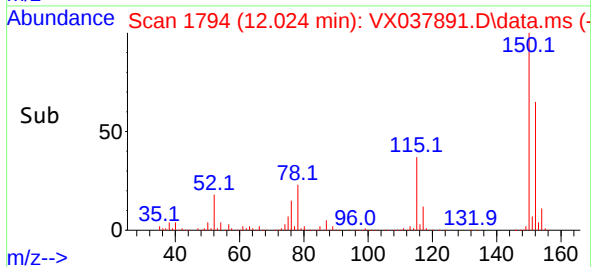
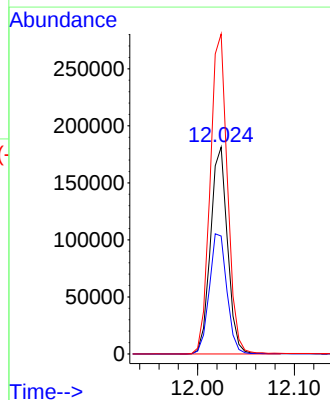
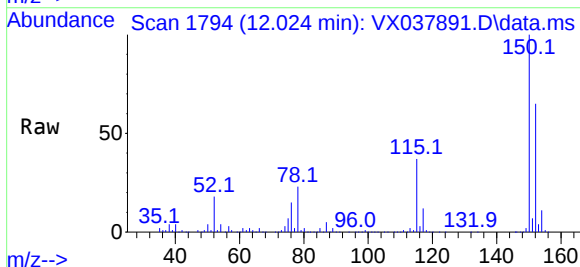
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-440-442

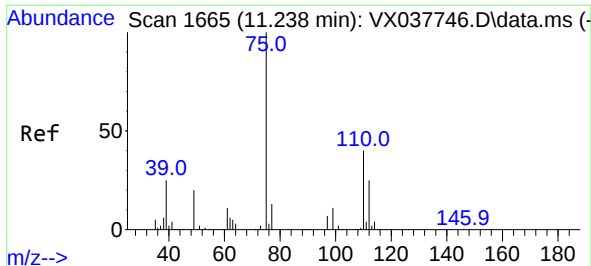
Tgt Ion:117 Resp: 426376
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

Tgt Ion:152 Resp: 221963
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 158.0 0.0 345.0

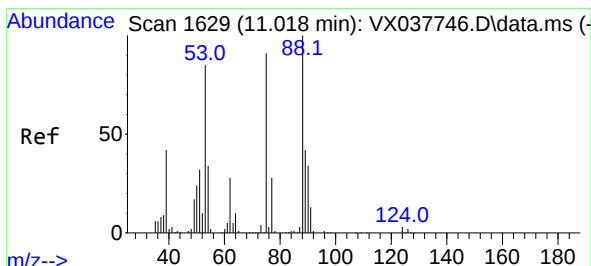
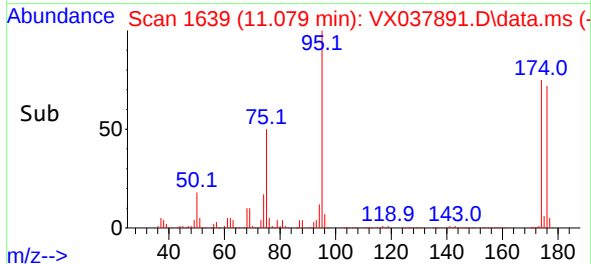
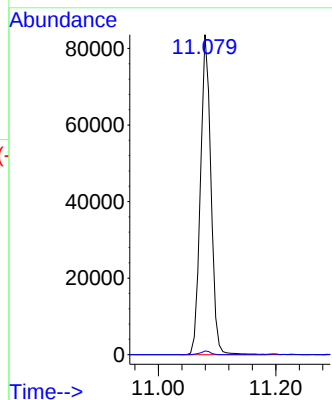
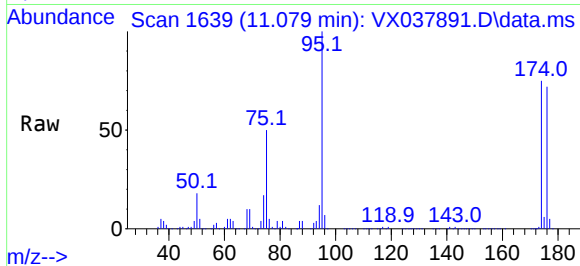




#76
1,2,3-Trichloropropane
Concen: 20.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-440-442

Tgt Ion: 75 Resp: 103813
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037891.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 75 Resp: 103813
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

