

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033823.D
 Acq On : 20 Jan 2023 13:11
 Operator : JC/MD
 Sample : 01242-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-203-205

Quant Time: Jan 21 04:43:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

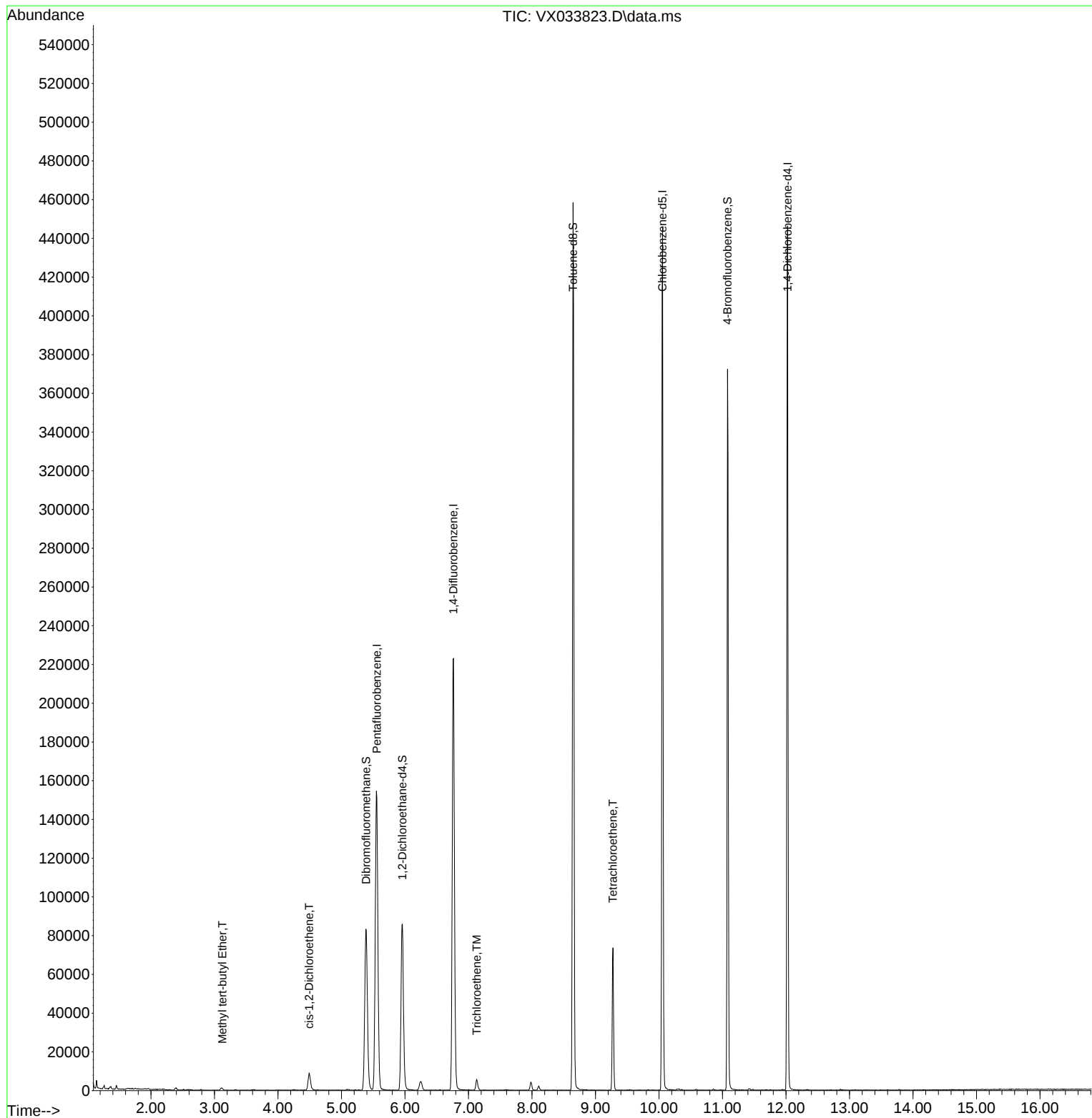
Internal Standards						
1) Pentafluorobenzene	5.556	168	166947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83426	47.461	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.920%		
35) Dibromofluoromethane	5.385	113	74421	48.773	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	8.647	98	278971	50.178	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.360%		
62) 4-Bromofluorobenzene	11.079	95	97182	47.081	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.160%		
Target Compounds						
19) Methyl tert-butyl Ether	3.123	73	1345	0.285	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	5939	3.253	ug/l	90
44) Trichloroethene	7.129	130	2507	1.381	ug/l	99
64) Tetrachloroethene	9.275	164	15403	8.822	ug/l	97

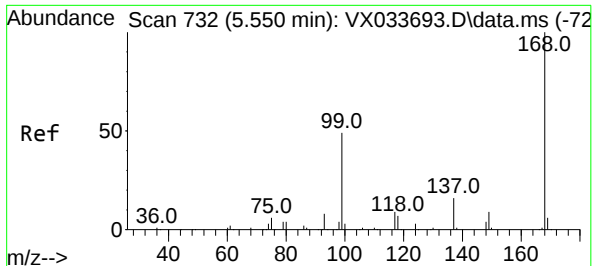
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

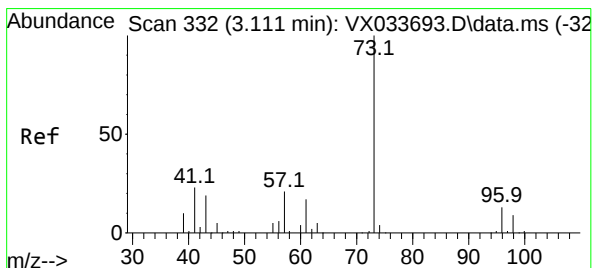
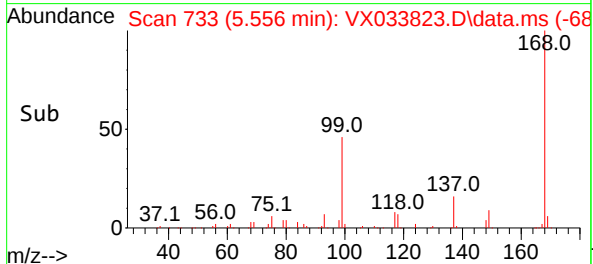
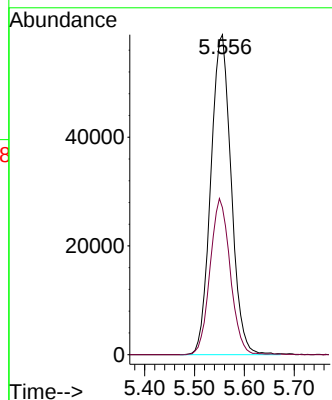
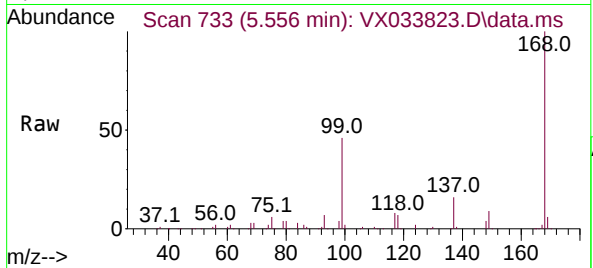




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

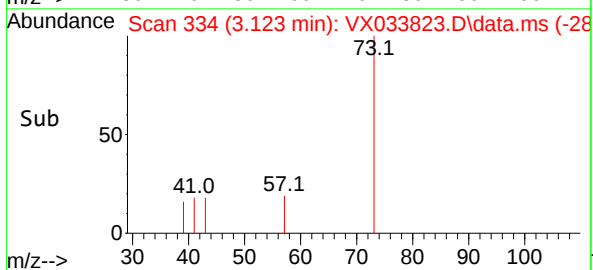
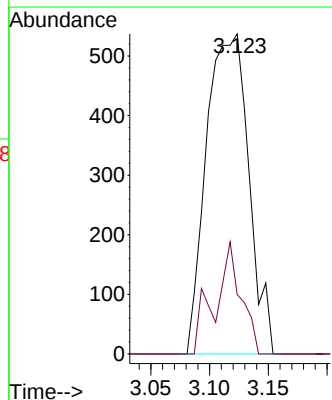
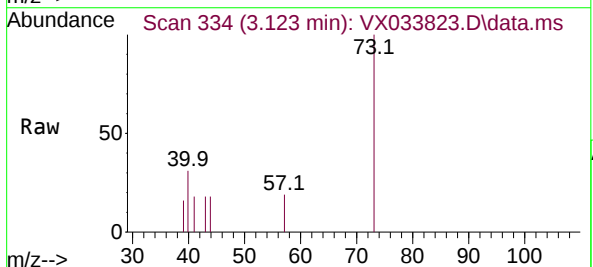
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

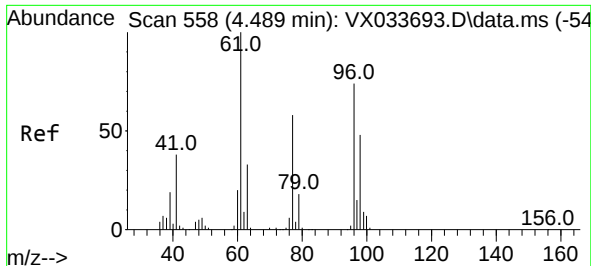
Tgt Ion:168 Resp: 166947
Ion Ratio Lower Upper
168 100
99 45.9 39.6 59.4



#19
Methyl tert-butyl Ether
Concen: 0.285 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.012 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion: 73 Resp: 1345
Ion Ratio Lower Upper
73 100
57 18.6 17.4 26.0





#27

cis-1,2-Dichloroethene

Concen: 3.253 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033823.D

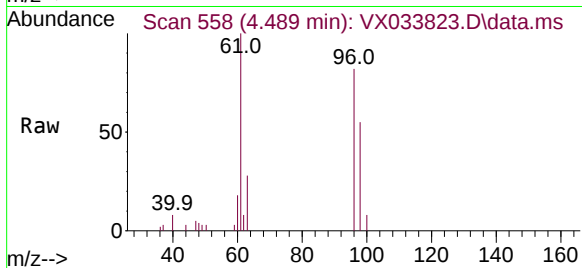
Acq: 20 Jan 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-203-205



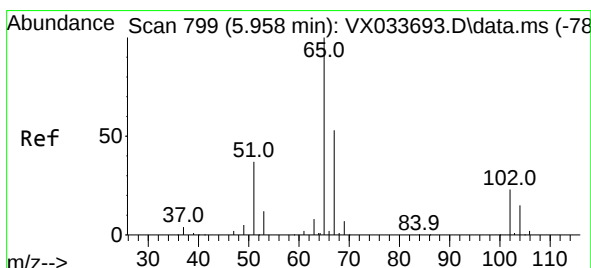
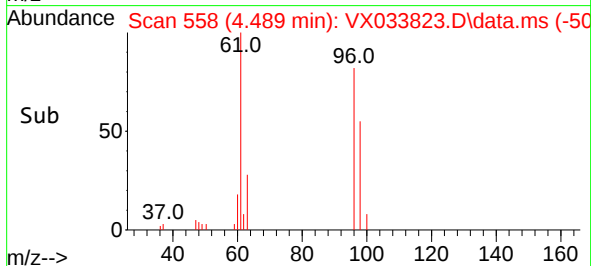
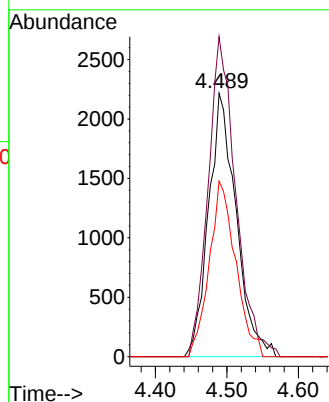
Tgt Ion: 96 Resp: 5939

Ion Ratio Lower Upper

96 100

61 121.5 0.0 277.6

98 63.8 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 47.461 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033823.D

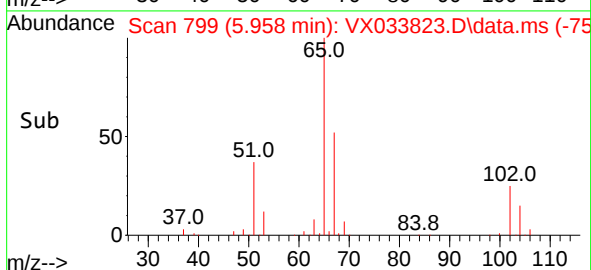
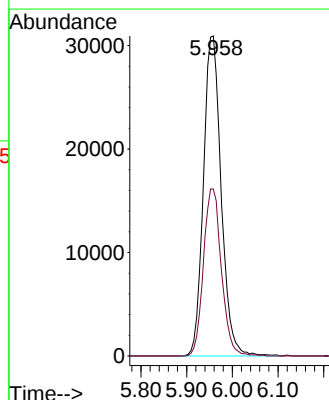
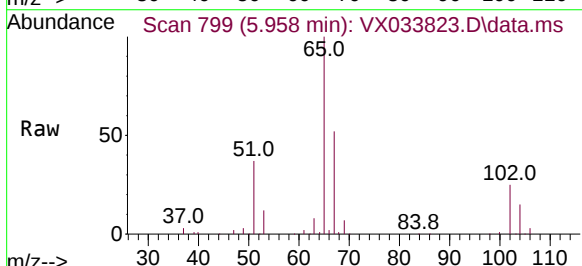
Acq: 20 Jan 2023 13:11

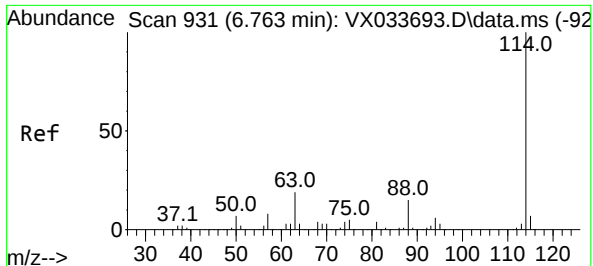
Tgt Ion: 65 Resp: 83426

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8

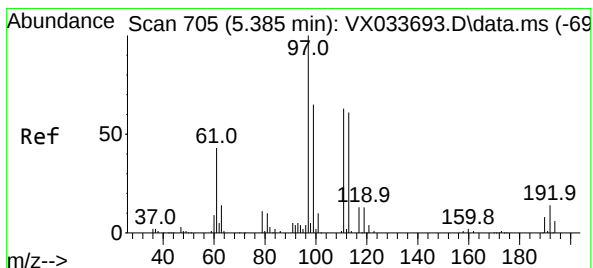
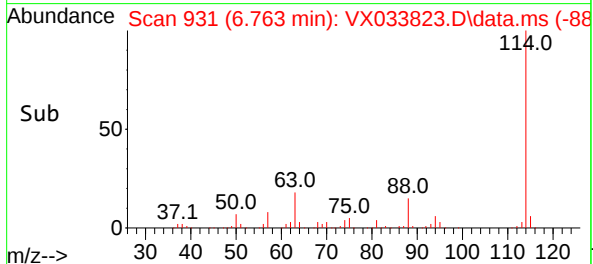
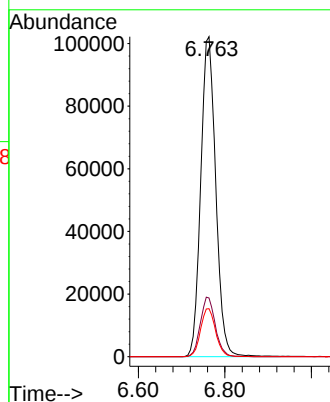
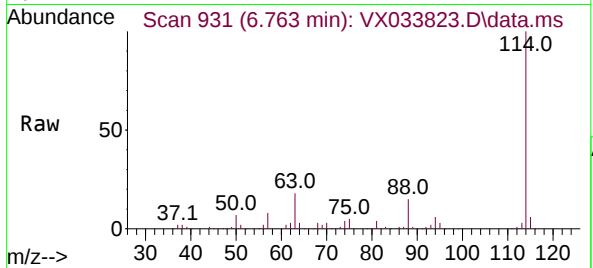




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

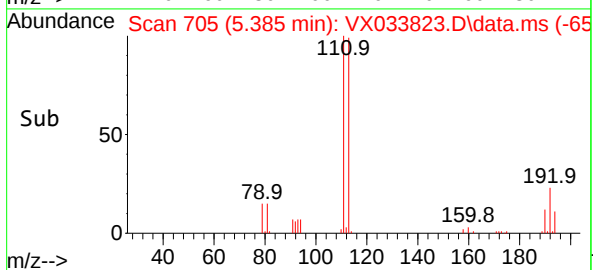
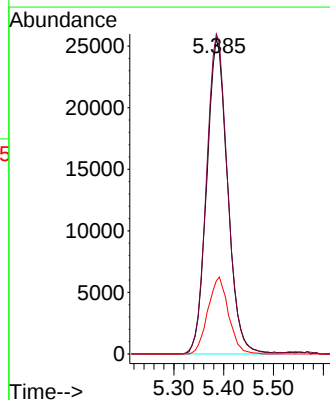
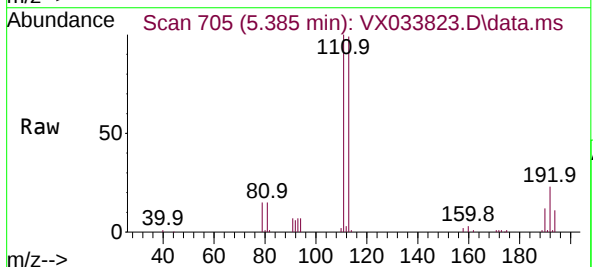
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

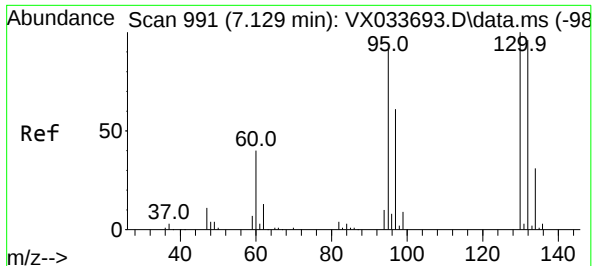
Tgt Ion:114 Resp: 245734
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.773 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion:113 Resp: 74421
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 24.1 19.0 28.4

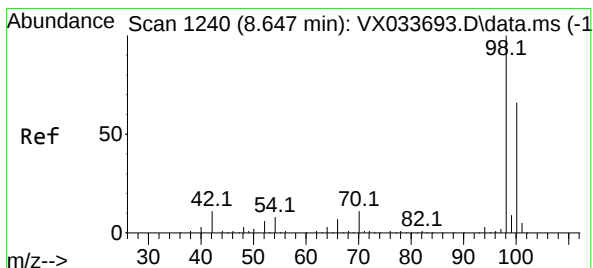
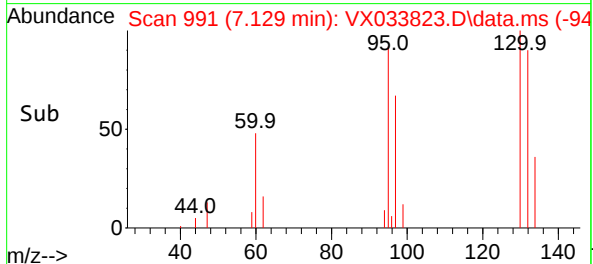
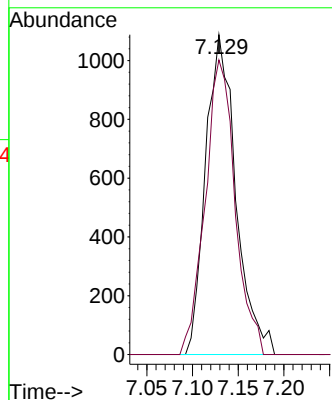
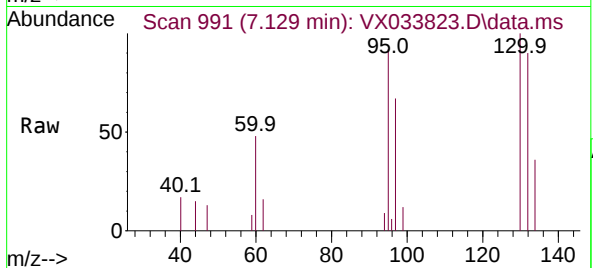




#44
Trichloroethene
Concen: 1.381 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

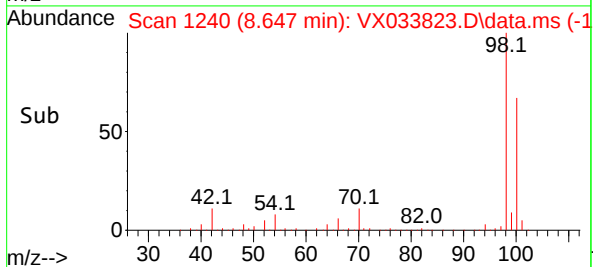
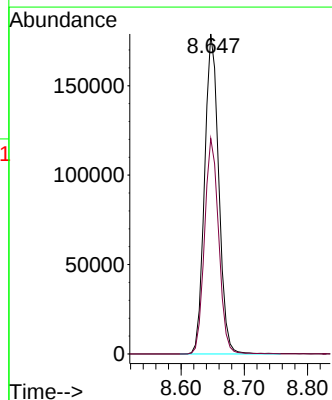
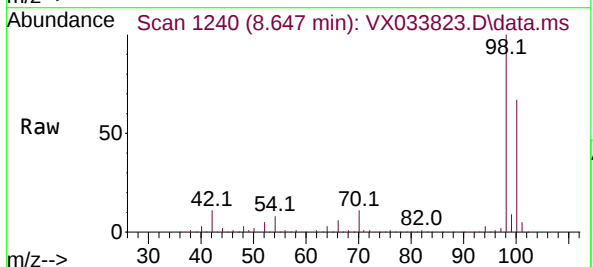
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

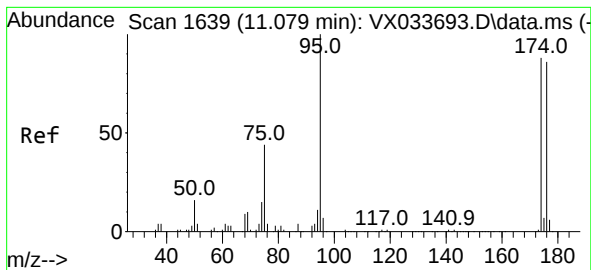
Tgt Ion:130 Resp: 2507
Ion Ratio Lower Upper
130 100
95 92.1 0.0 182.6



#50
Toluene-d8
Concen: 50.178 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion: 98 Resp: 278971
Ion Ratio Lower Upper
98 100
100 67.4 53.6 80.4

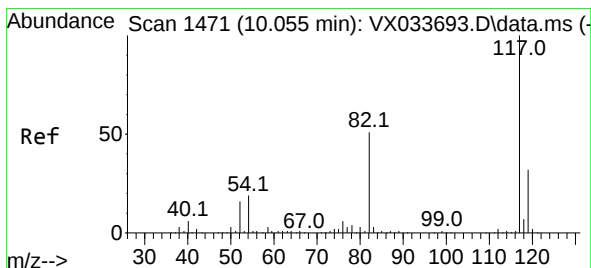
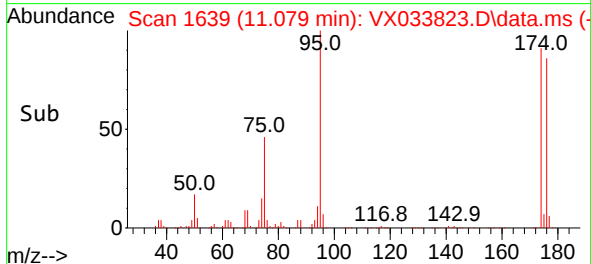
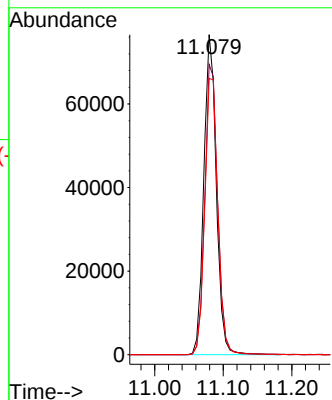
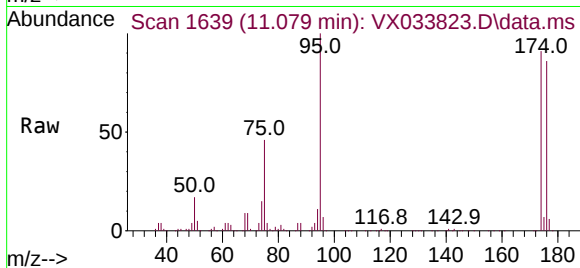




#62
4-Bromofluorobenzene
Concen: 47.081 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

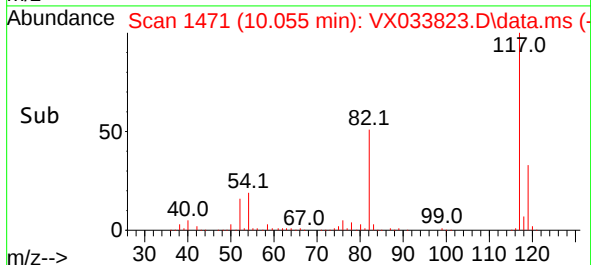
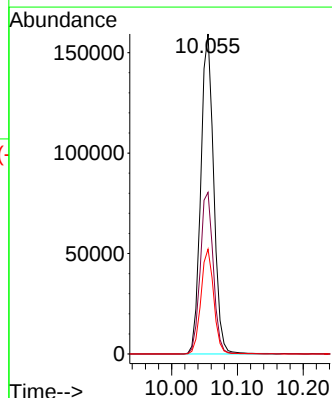
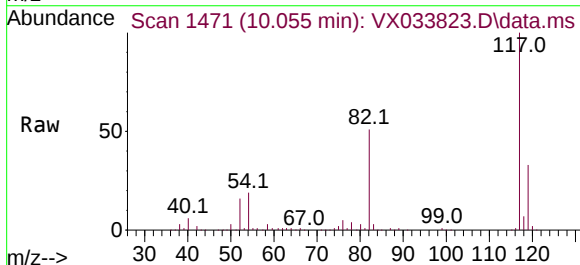
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MSVOA_X
ClientSampleId :
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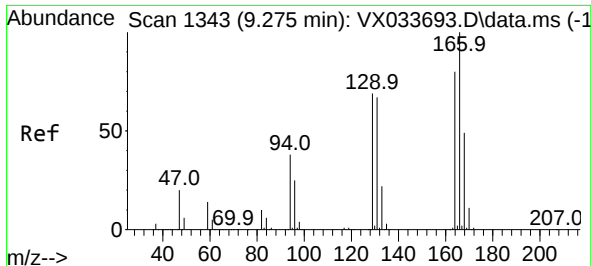
Tgt Ion: 95 Resp: 97182
Ion Ratio Lower Upper
95 100
174 93.4 0.0 184.4
176 90.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion: 117 Resp: 217138
Ion Ratio Lower Upper
117 100
82 50.5 40.6 60.8
119 32.7 25.6 38.4

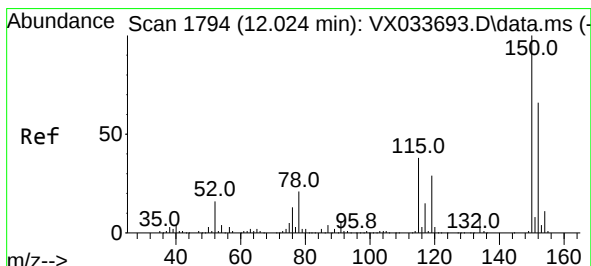
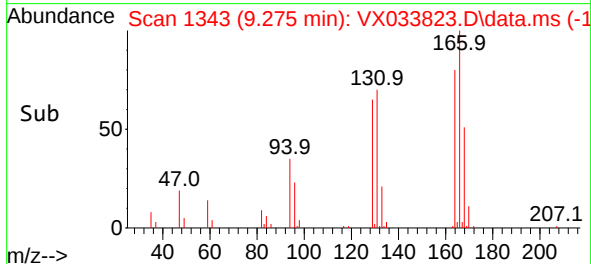
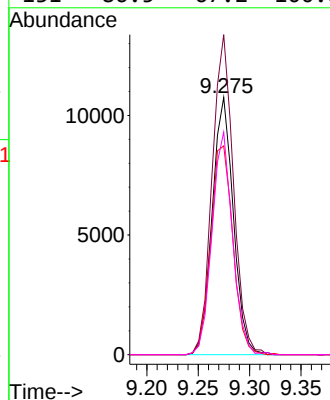
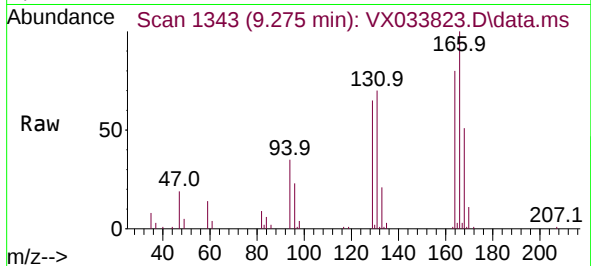




#64
Tetrachloroethene
Concen: 8.822 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

Tgt Ion:164 Resp: 15403
Ion Ratio Lower Upper
164 100
166 124.4 100.2 150.2
129 81.2 69.2 103.8
131 86.5 67.2 100.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion:152 Resp: 103817
Ion Ratio Lower Upper
152 100
115 54.1 38.7 116.1
150 157.7 0.0 348.2

