

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039783.D
 Acq On : 16 Jan 2024 18:33
 Operator : JC/MD
 Sample : P1149-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-238-240

Quant Time: Jan 17 01:53:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

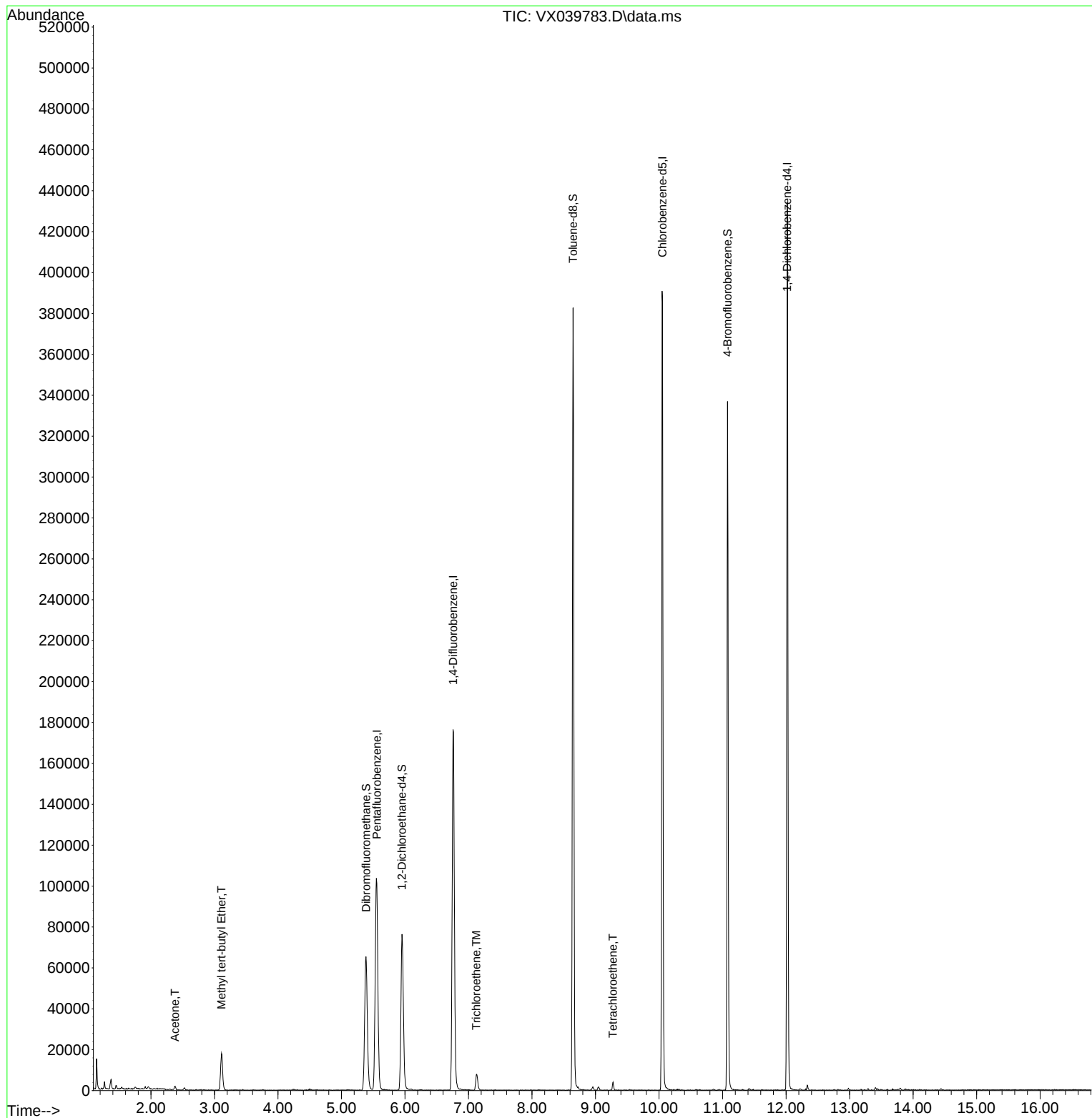
Internal Standards						
1) Pentafluorobenzene	5.556	168	93646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73331	46.746	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.500%
35) Dibromofluoromethane	5.385	113	57479	47.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	8.647	98	217501	47.887	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.780%
62) 4-Bromofluorobenzene	11.079	95	87805	49.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.880%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2154	2.442	ug/l #	83
19) Methyl tert-butyl Ether	3.111	73	18503	4.624	ug/l	99
44) Trichloroethene	7.123	130	3002	2.308	ug/l	91
64) Tetrachloroethene	9.275	164	657	0.590	ug/l #	66

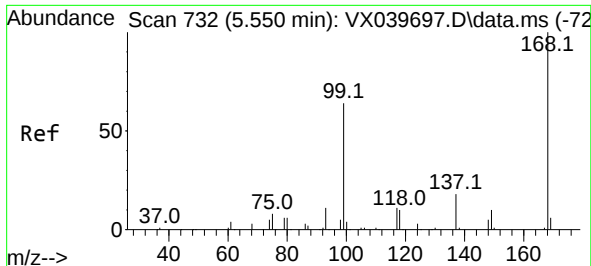
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-191-GW-238-240

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

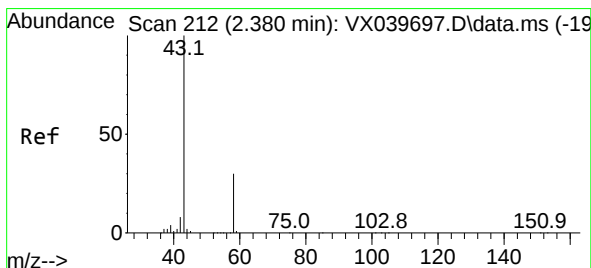
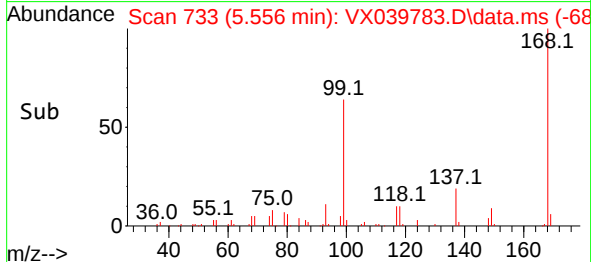
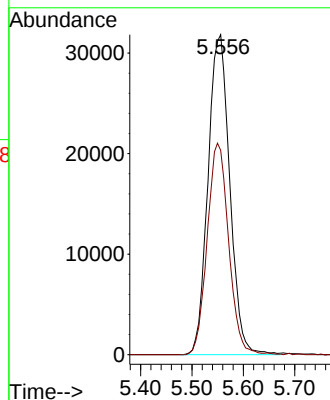
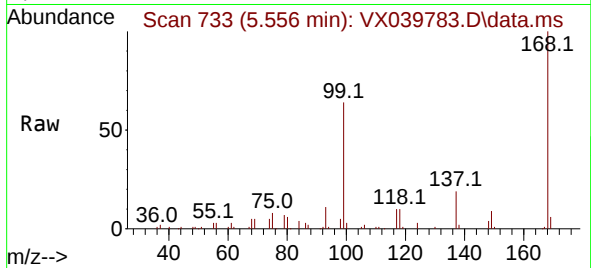




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

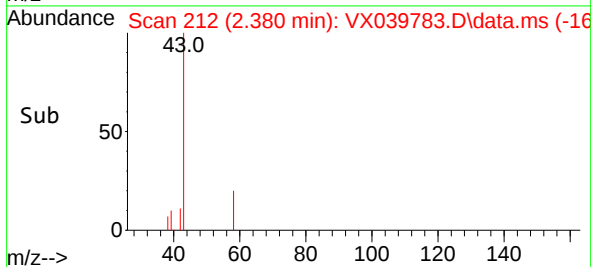
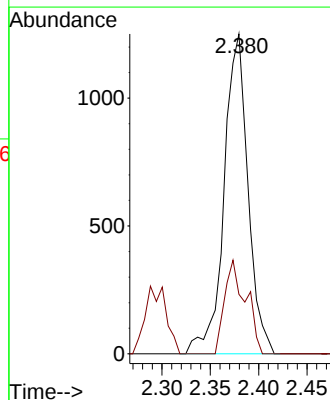
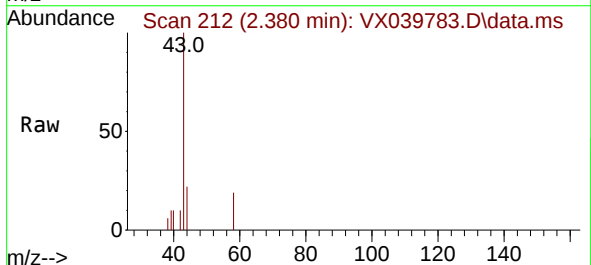
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

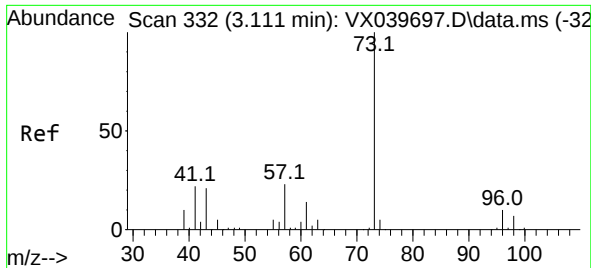
Tgt Ion:168 Resp: 93646
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#16
Acetone
Concen: 2.442 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 43 Resp: 2154
Ion Ratio Lower Upper
43 100
58 18.6 21.9 32.9#

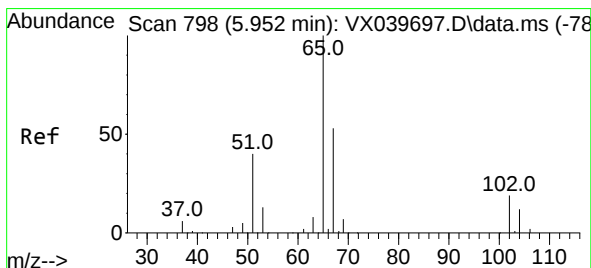
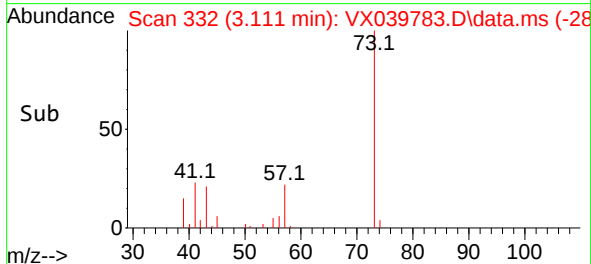
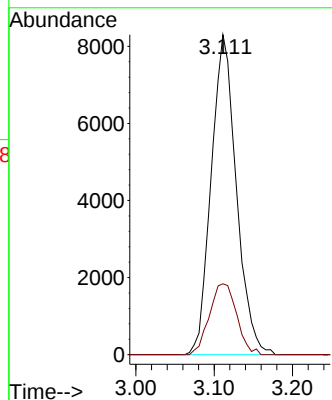
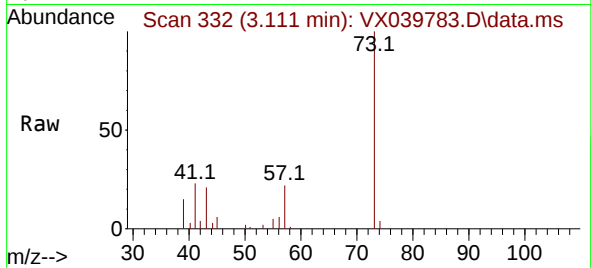




#19
Methyl tert-butyl Ether
Concen: 4.624 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

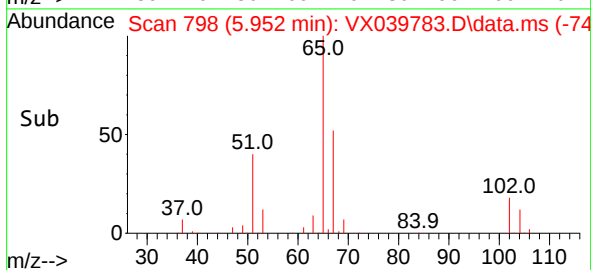
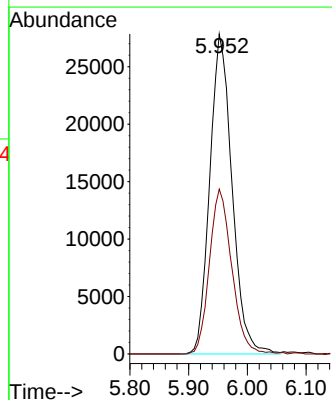
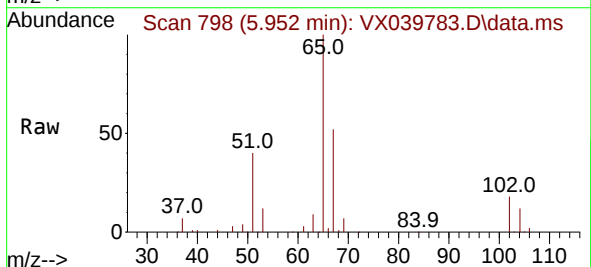
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

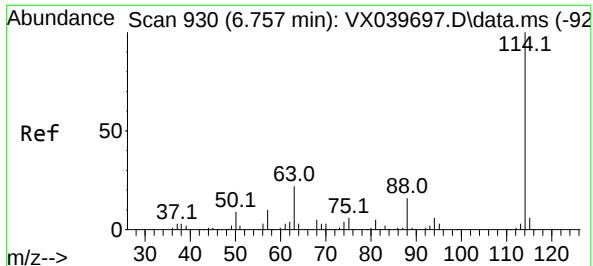
Tgt Ion: 73 Resp: 18503
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 46.746 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 65 Resp: 73331
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

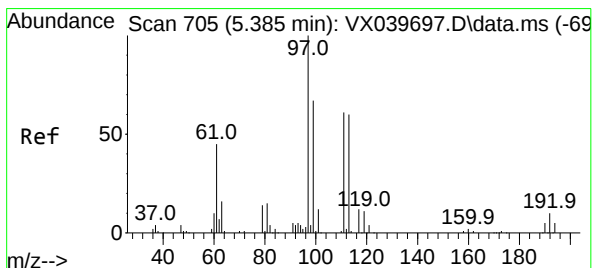
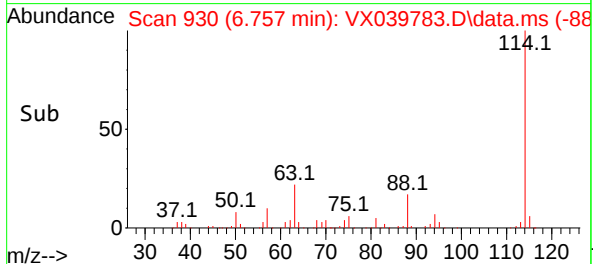
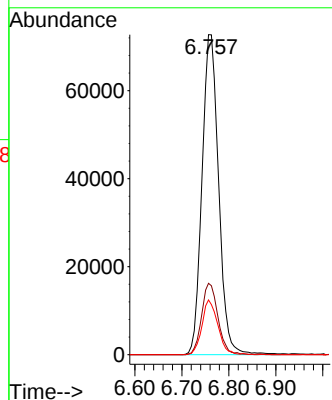
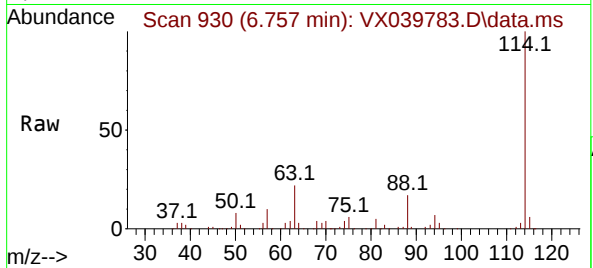




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

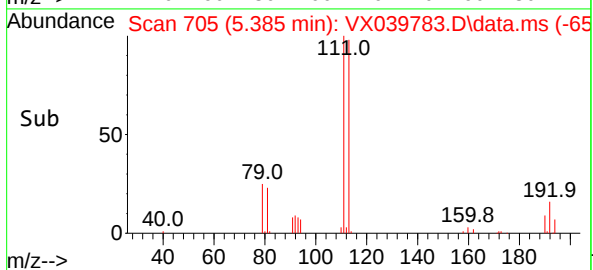
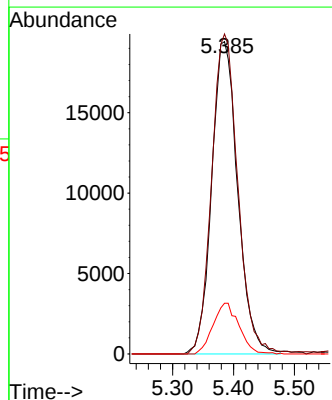
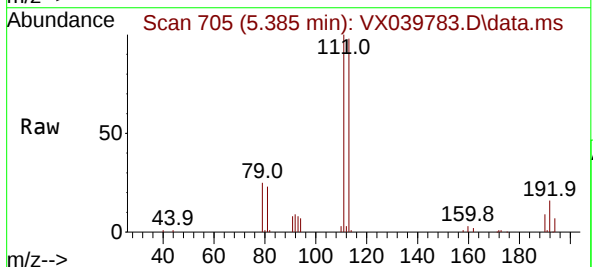
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

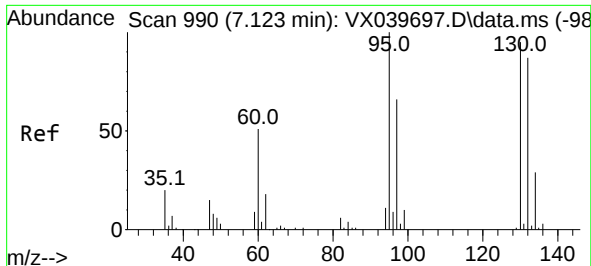
Tgt Ion:114 Resp: 178794
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.730 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion:113 Resp: 57479
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.3 13.3 19.9

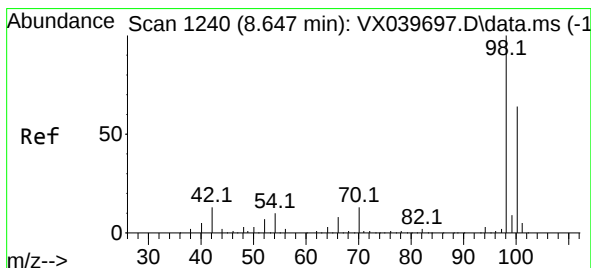
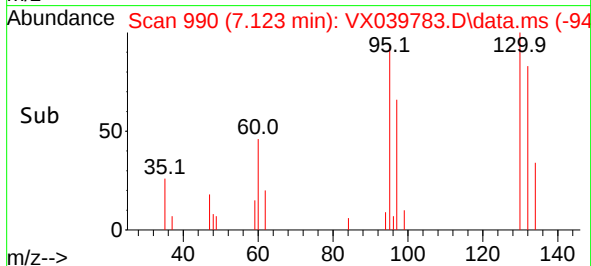
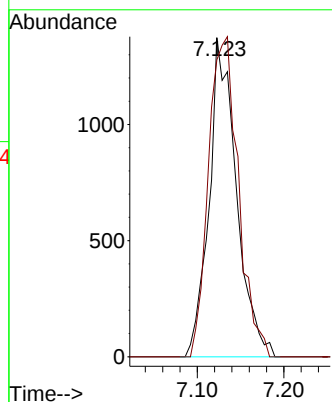
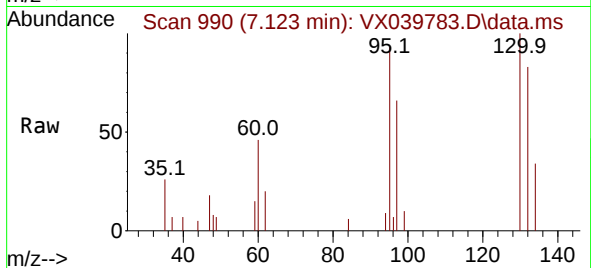




#44
Trichloroethene
Concen: 2.308 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

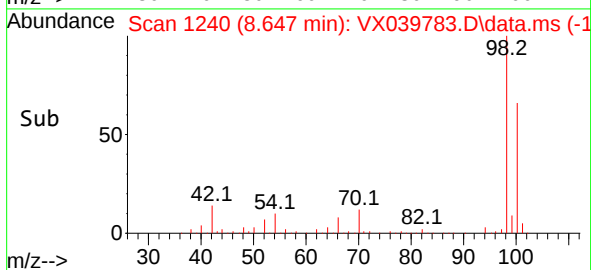
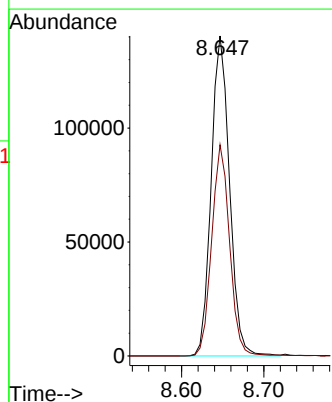
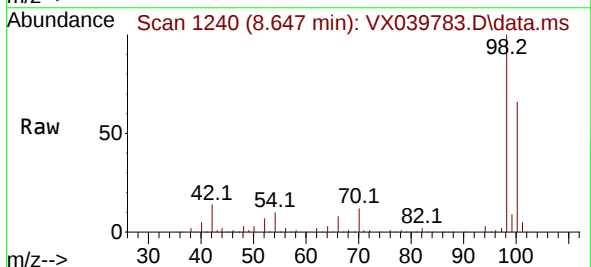
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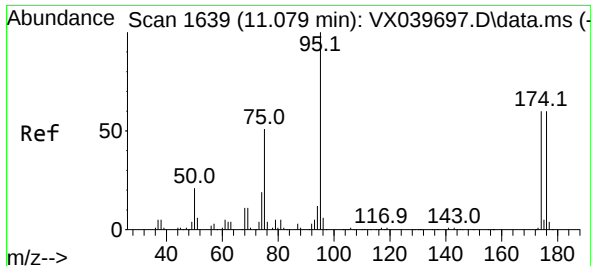
Tgt Ion:130 Resp: 3002
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4



#50
Toluene-d8
Concen: 47.887 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 98 Resp: 217501
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

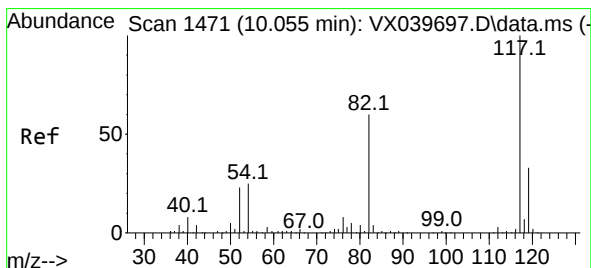
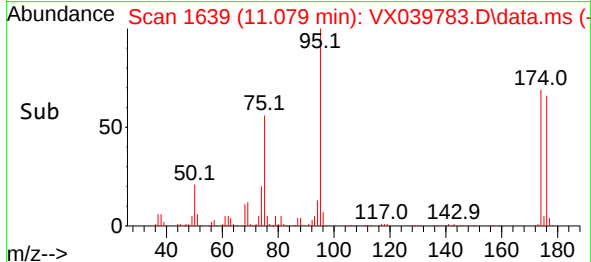
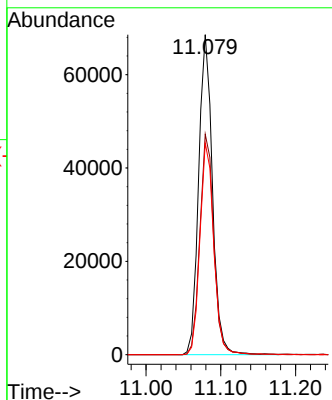
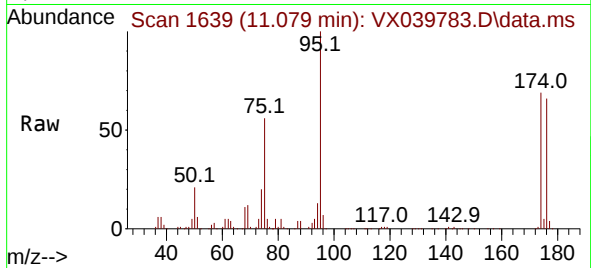




#62
4-Bromofluorobenzene
Concen: 49.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

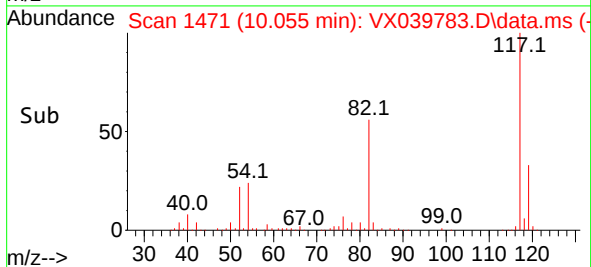
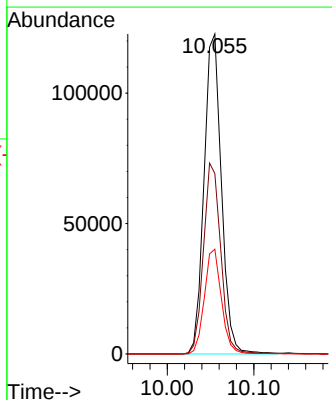
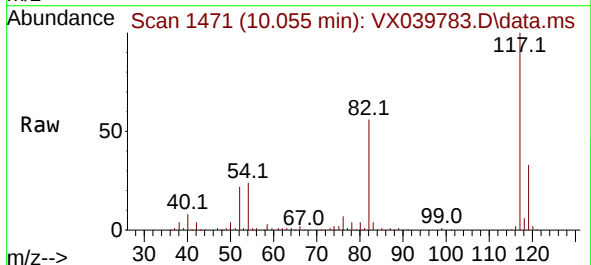
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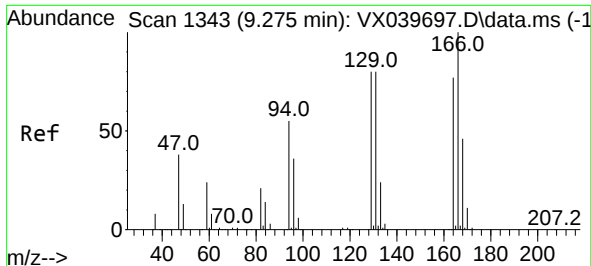
Tgt Ion: 95 Resp: 87805
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.6
176 66.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion: 117 Resp: 171124
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.8 25.5 38.3

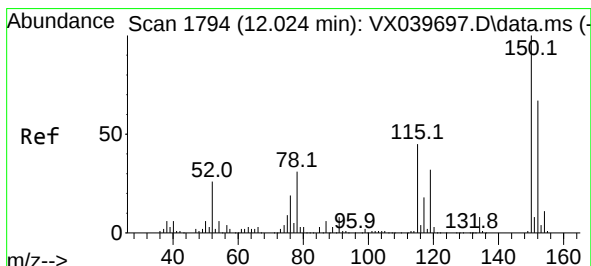
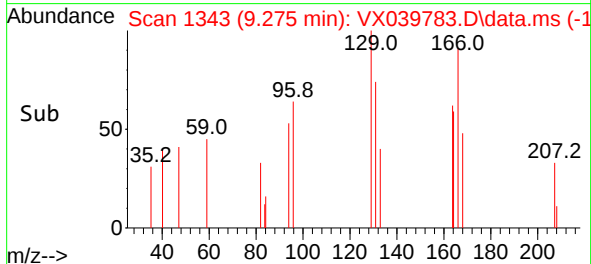
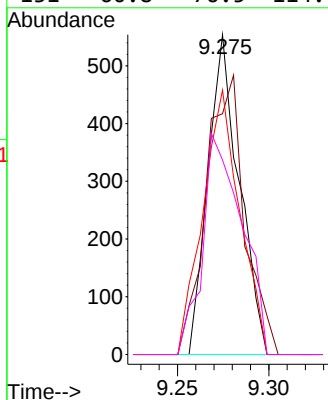
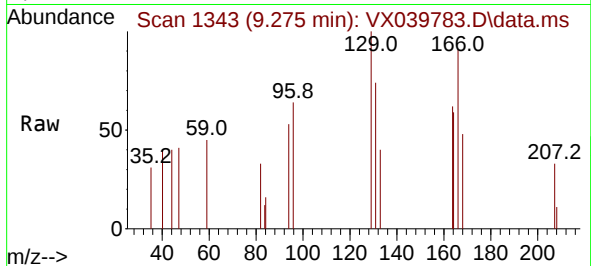




#64
Tetrachloroethene
Concen: 0.590 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-238-240

Tgt Ion:164	Resp:	657	
Ion	Ratio	Lower	Upper
164	100		
166	75.3	102.7	154.1#
129	82.7	80.4	120.6
131	60.8	76.5	114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039783.D
Acq: 16 Jan 2024 18:33

Tgt Ion:152	Resp:	83239	
Ion	Ratio	Lower	Upper
152	100		
115	65.4	43.3	129.9
150	156.5	0.0	345.0

