

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039603.D
 Acq On : 03 Jan 2024 15:36
 Operator : JC/MD
 Sample : P1002-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1215

Quant Time: Jan 04 03:33:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

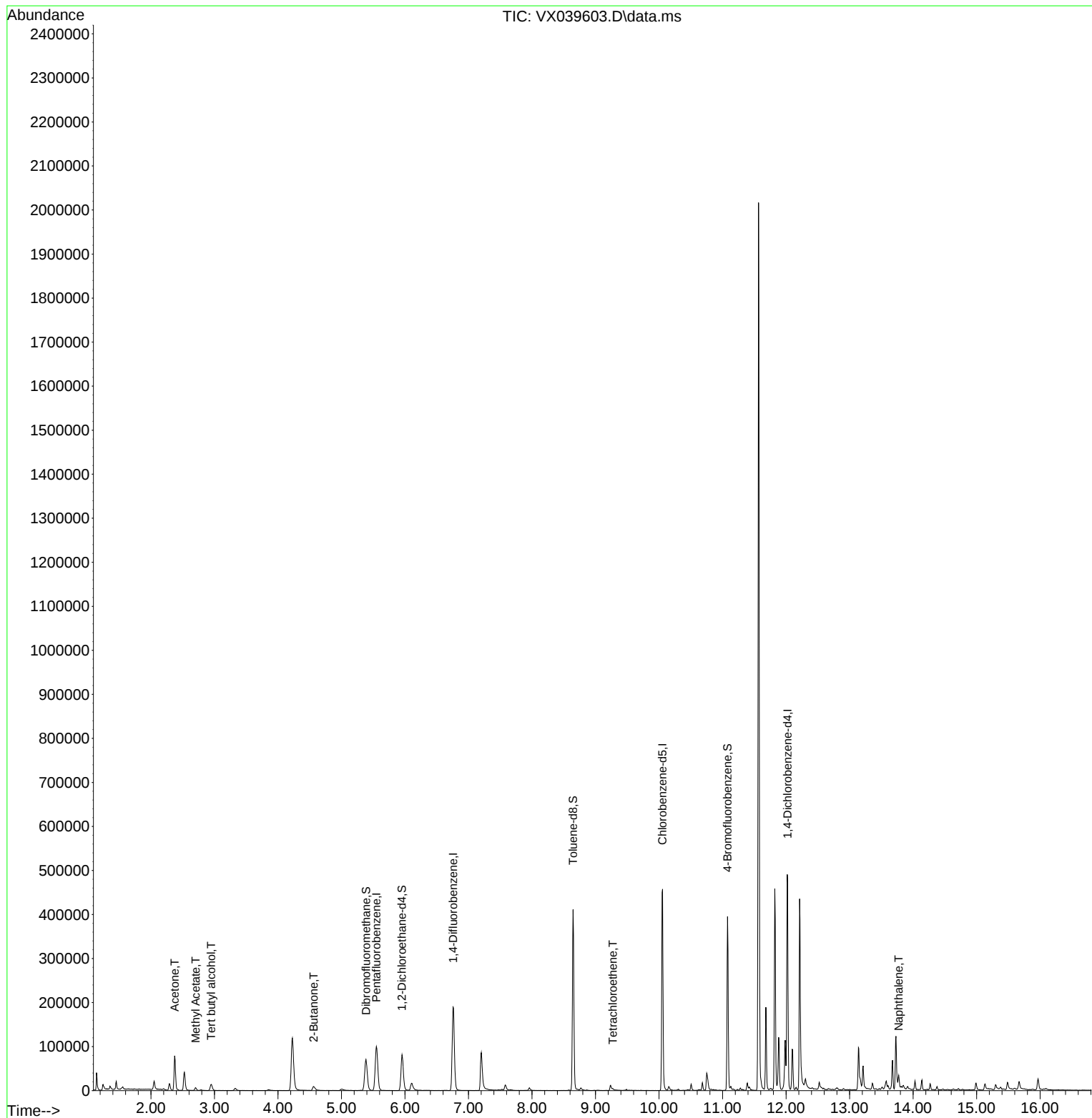
Internal Standards						
1) Pentafluorobenzene	5.550	168	88607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76620	47.203	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.400%		
35) Dibromofluoromethane	5.385	113	62514	48.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.880%		
50) Toluene-d8	8.647	98	238013	49.682	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.360%		
62) 4-Bromofluorobenzene	11.079	95	107640	54.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.920%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	17288	42.412	ug/l #	90
16) Acetone	2.374	43	81176	69.011	ug/l	96
18) Methyl Acetate	2.703	43	7511	2.139	ug/l	97
25) 2-Butanone	4.562	43	16457	11.749	ug/l	97
64) Tetrachloroethene	9.275	164	391	0.299	ug/l	90
95) Naphthalene	13.774	128	1631	0.239	ug/l #	95

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

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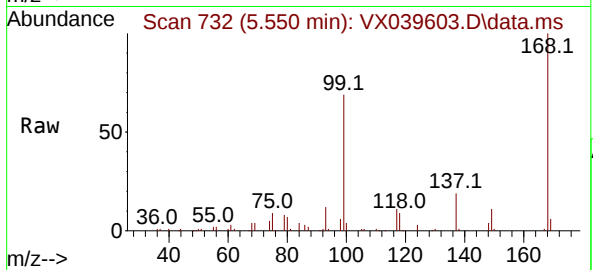
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

Instrument :

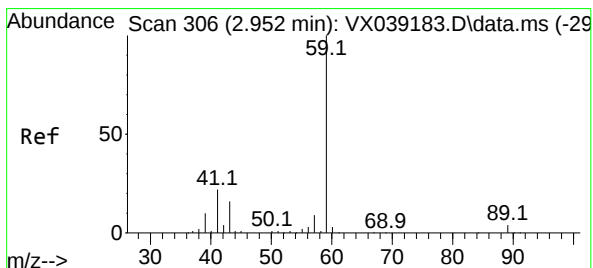
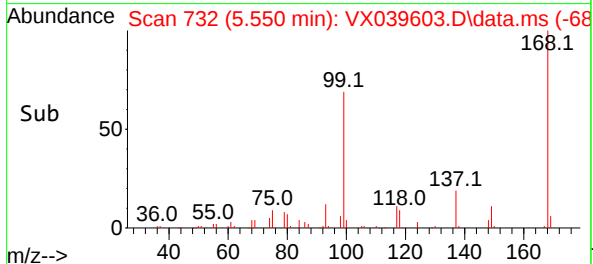
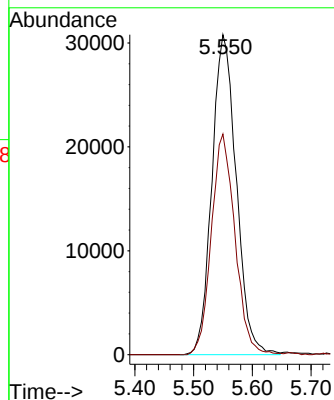
MSVOA_X

ClientSampleId :

1215

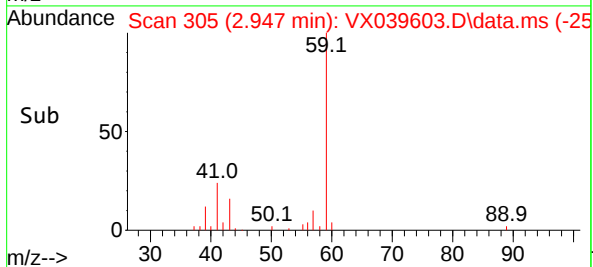
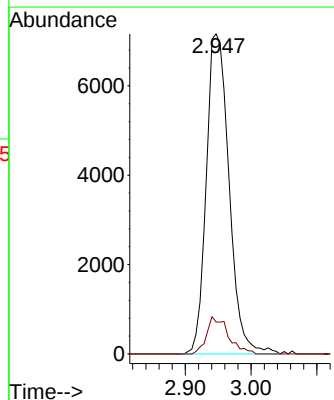
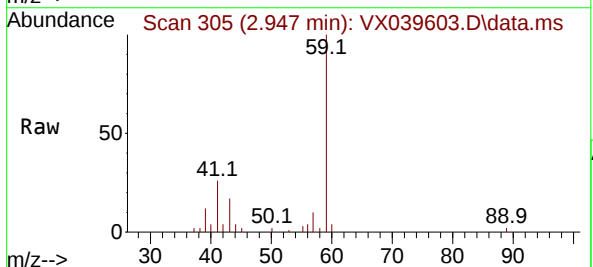


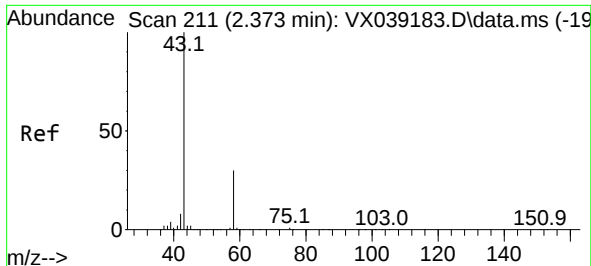
Tgt Ion:168 Resp: 88607
Ion Ratio Lower Upper
168 100
99 69.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 42.412 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

Tgt Ion: 59 Resp: 17288
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0#

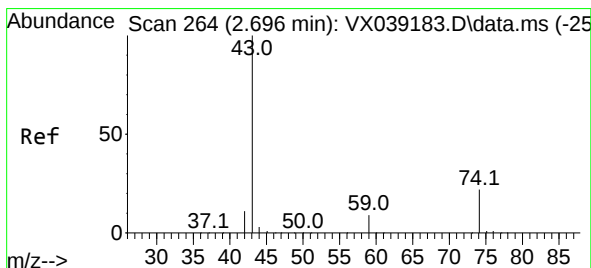
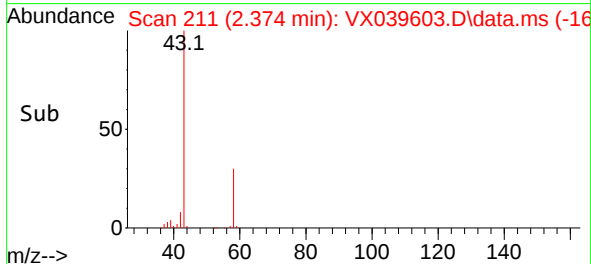
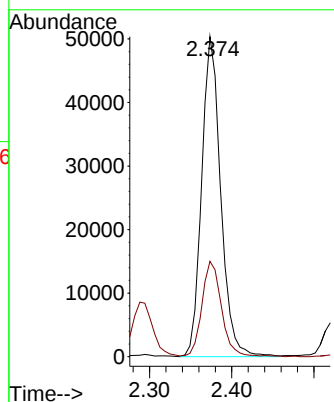
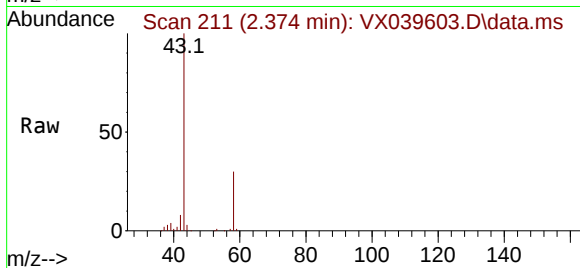




#16
Acetone
Concen: 69.011 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

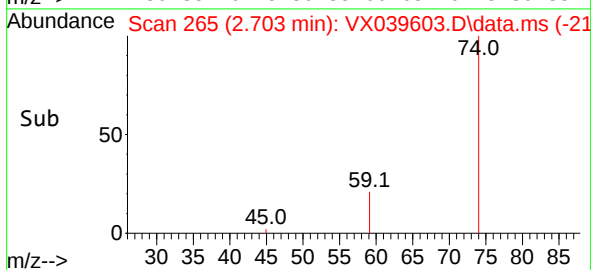
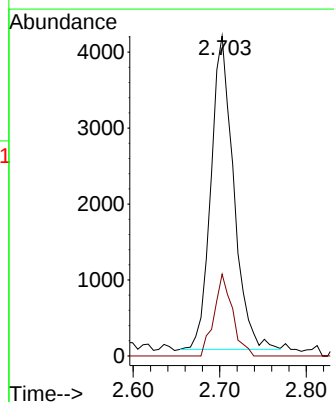
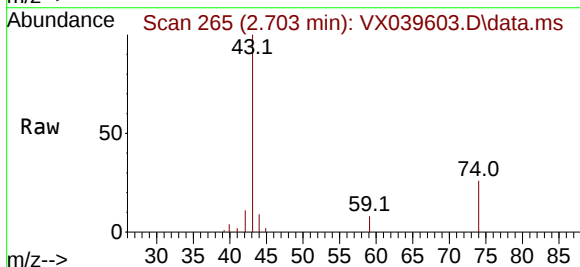
Instrument :
MSVOA_X
ClientSampleId :
1215

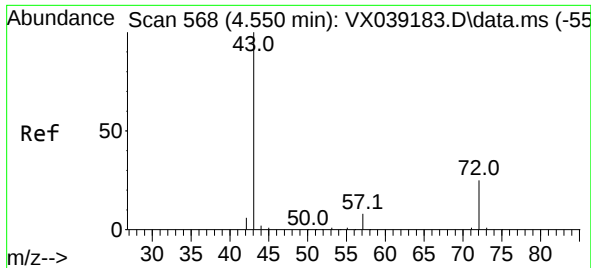
Tgt Ion: 43 Resp: 81176
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9



#18
Methyl Acetate
Concen: 2.139 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

Tgt Ion: 43 Resp: 7511
Ion Ratio Lower Upper
43 100
74 21.1 17.8 26.8

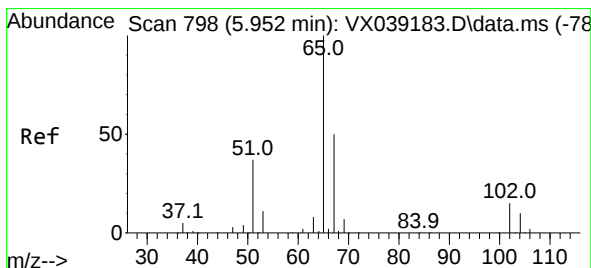
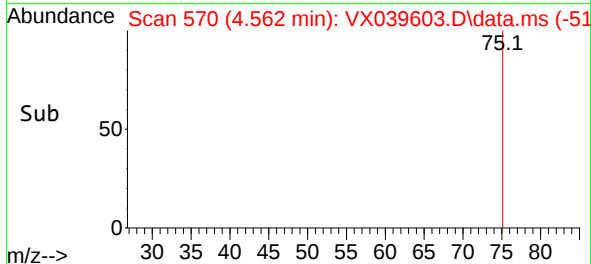
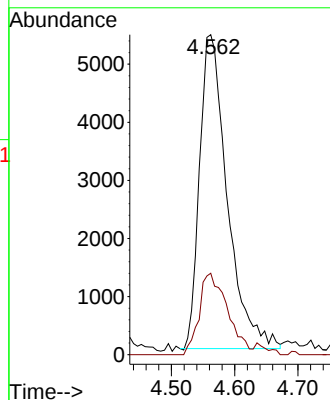
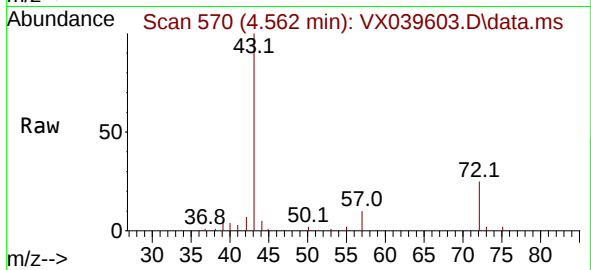




#25
2-Butanone
Concen: 11.749 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

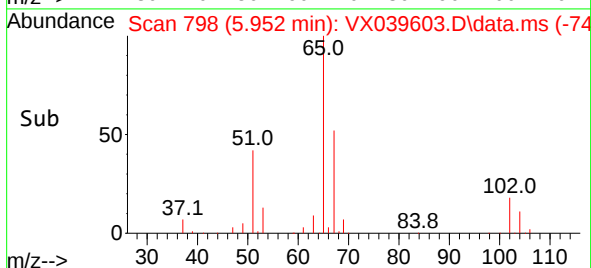
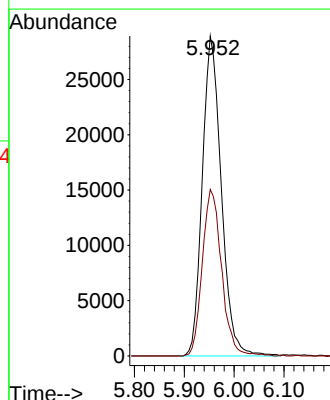
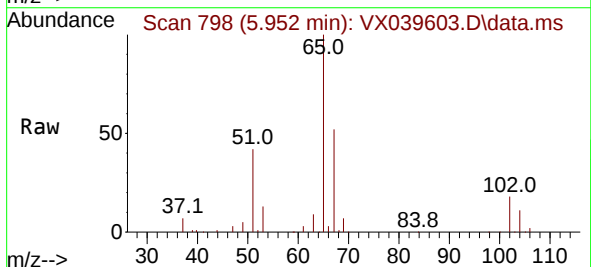
Instrument :
MSVOA_X
ClientSampleId :
1215

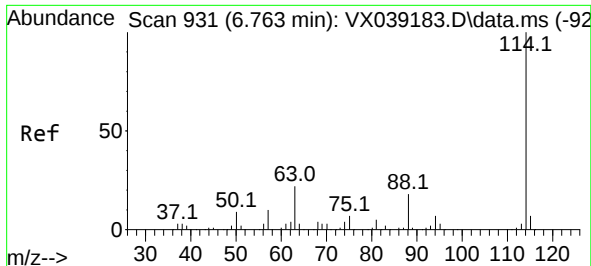
Tgt Ion: 43 Resp: 16457
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 47.203 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

Tgt Ion: 65 Resp: 76620
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

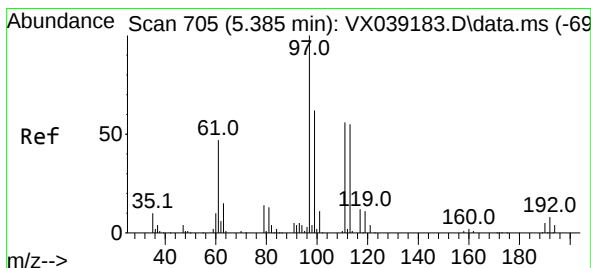
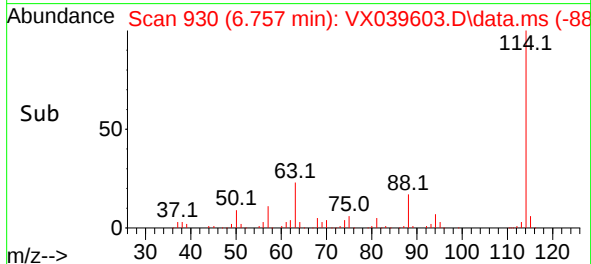
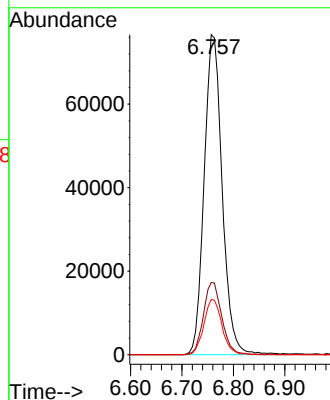
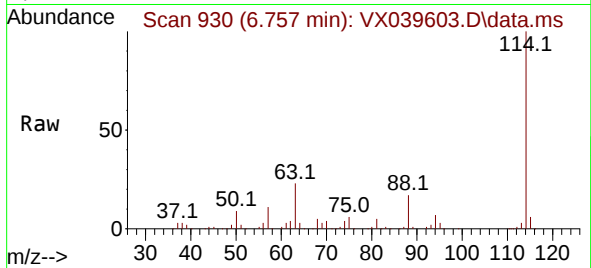




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 915
Delta R.T. -0.006 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

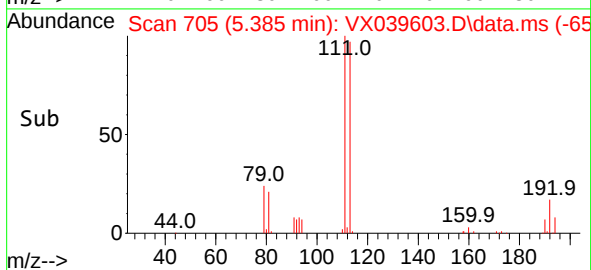
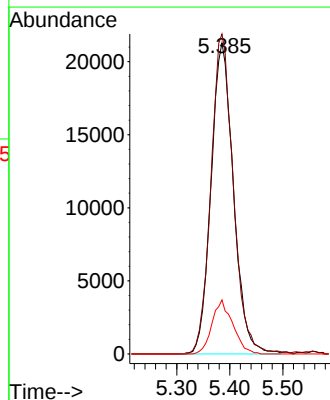
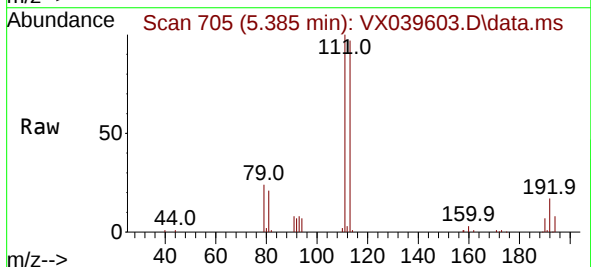
Instrument :
MSVOA_X
ClientSampleId :
1215

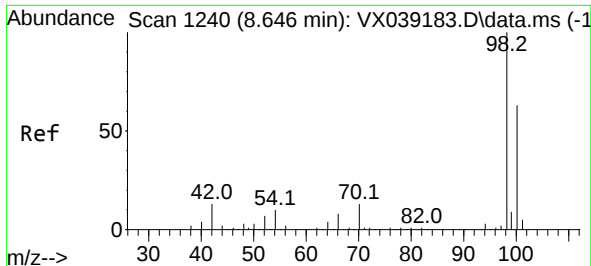
Tgt Ion:114 Resp: 186789
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.444 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

Tgt Ion:113 Resp: 62514
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.1 13.3 19.9

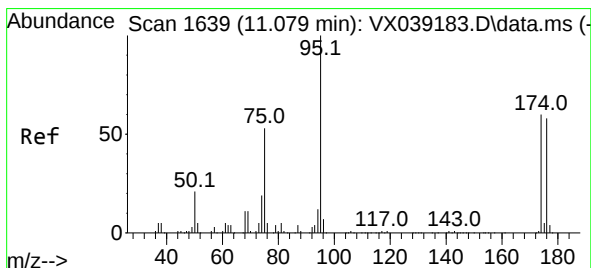
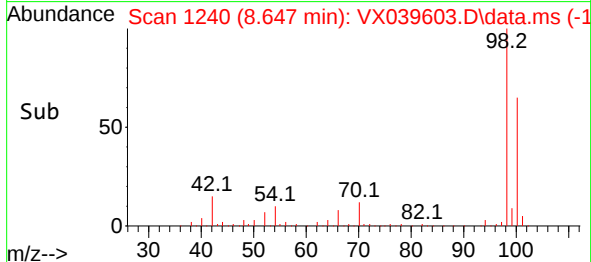
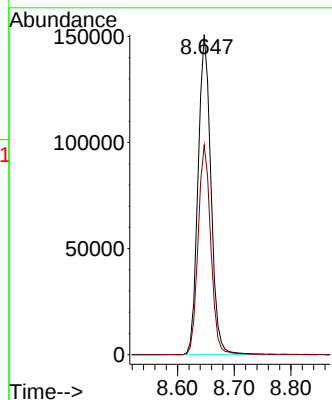
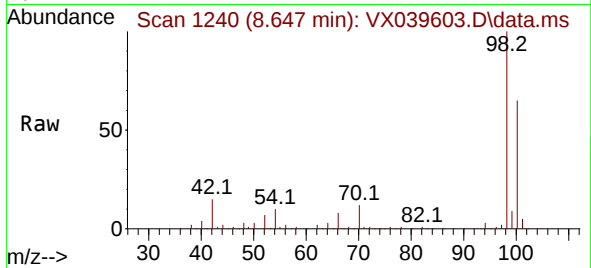




#50
Toluene-d8
Concen: 49.682 ug/l
RT: 8.647 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

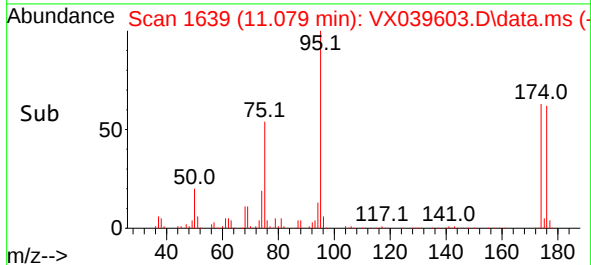
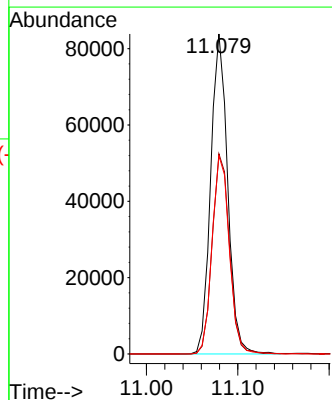
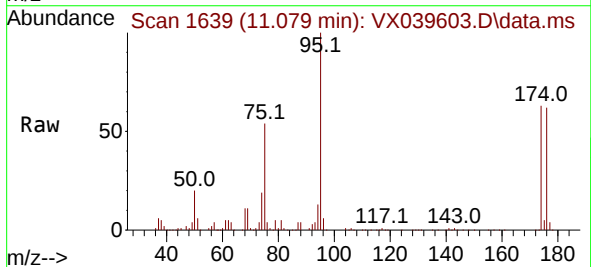
Instrument :
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ClientSampleId :
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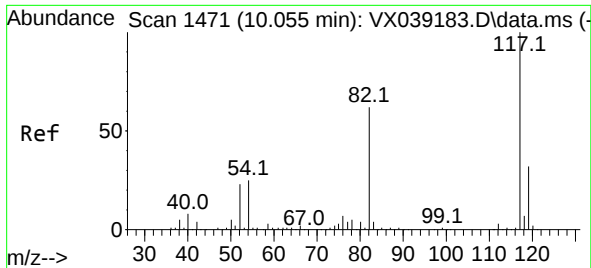
Tgt Ion: 98 Resp: 238013
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

Tgt Ion: 95 Resp: 107640
Ion Ratio Lower Upper
95 100
174 63.7 0.0 135.6
176 63.2 0.0 131.0

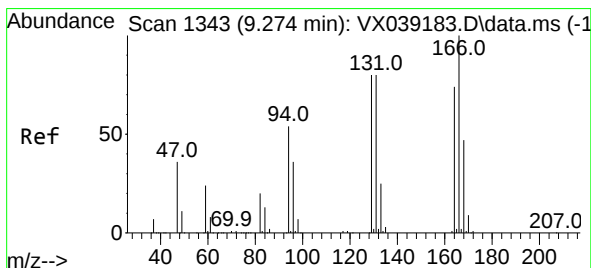
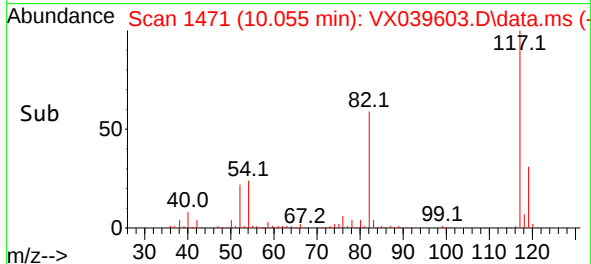
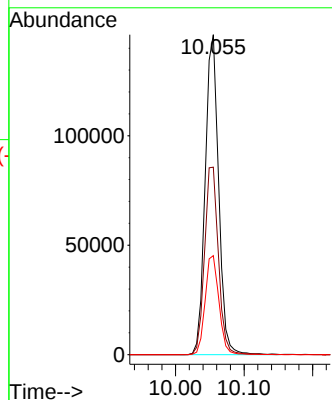
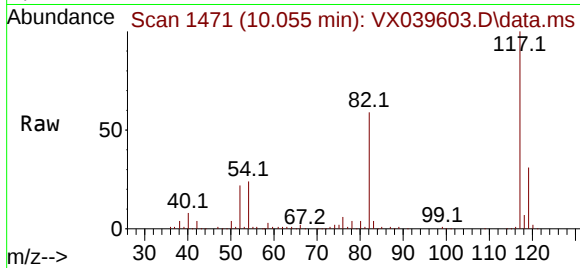




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

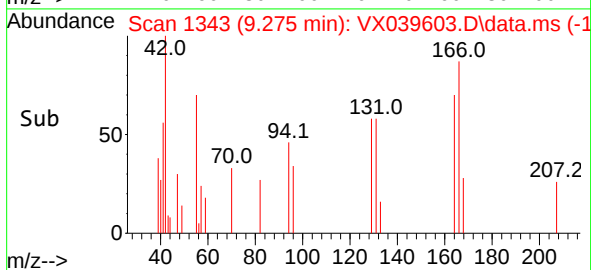
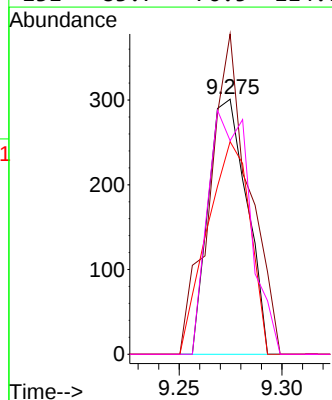
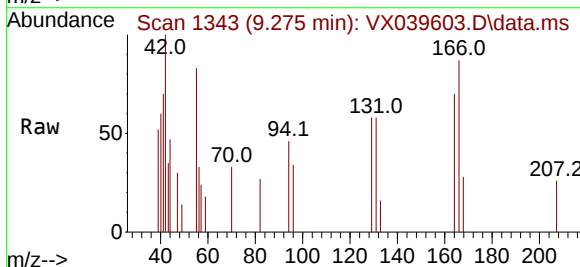
Instrument :
MSVOA_X
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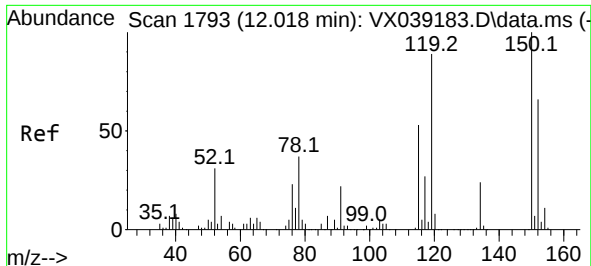
Tgt Ion:117 Resp: 200015
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 30.9 25.5 38.3



#64
Tetrachloroethene
Concen: 0.299 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039603.D
Acq: 03 Jan 2024 15:36

Tgt Ion:164 Resp: 391
Ion Ratio Lower Upper
164 100
166 125.6 102.7 154.1
129 83.4 80.4 120.6
131 83.7 76.5 114.7

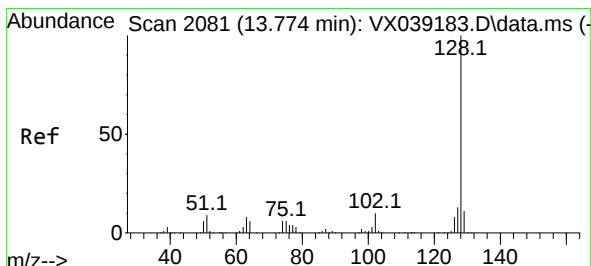
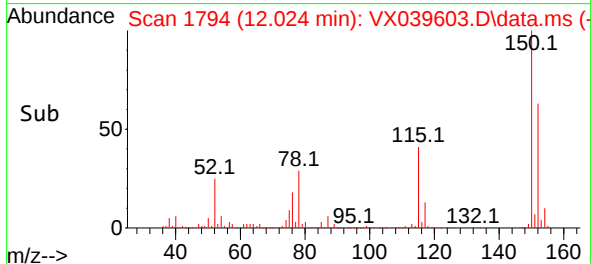
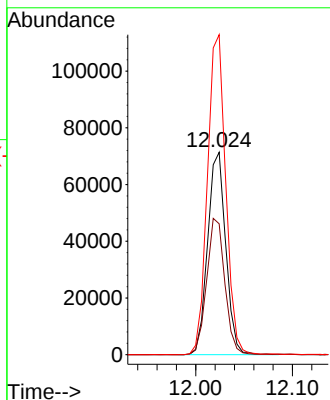
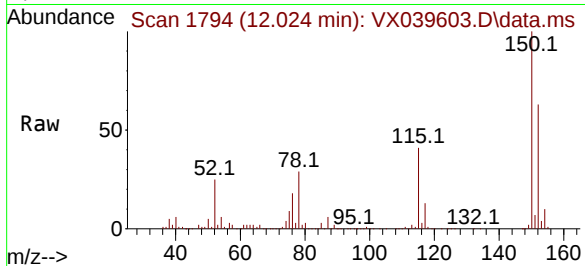




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039603.D
 Acq: 03 Jan 2024 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 1215

Tgt Ion:152 Resp: 93164
 Ion Ratio Lower Upper
 152 100
 115 67.6 43.3 129.9
 150 159.9 0.0 345.0



#95
 Naphthalene
 Concen: 0.239 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX039603.D
 Acq: 03 Jan 2024 15:36

Tgt Ion:128 Resp: 1631
 Ion Ratio Lower Upper
 128 100
 127 16.1 10.3 15.5#
 129 11.5 8.8 13.2

