

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035609.D
 Acq On : 11 May 2023 15:53
 Operator : JC/MD
 Sample : 02691-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-504-VOC-06

Quant Time: May 11 16:46:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

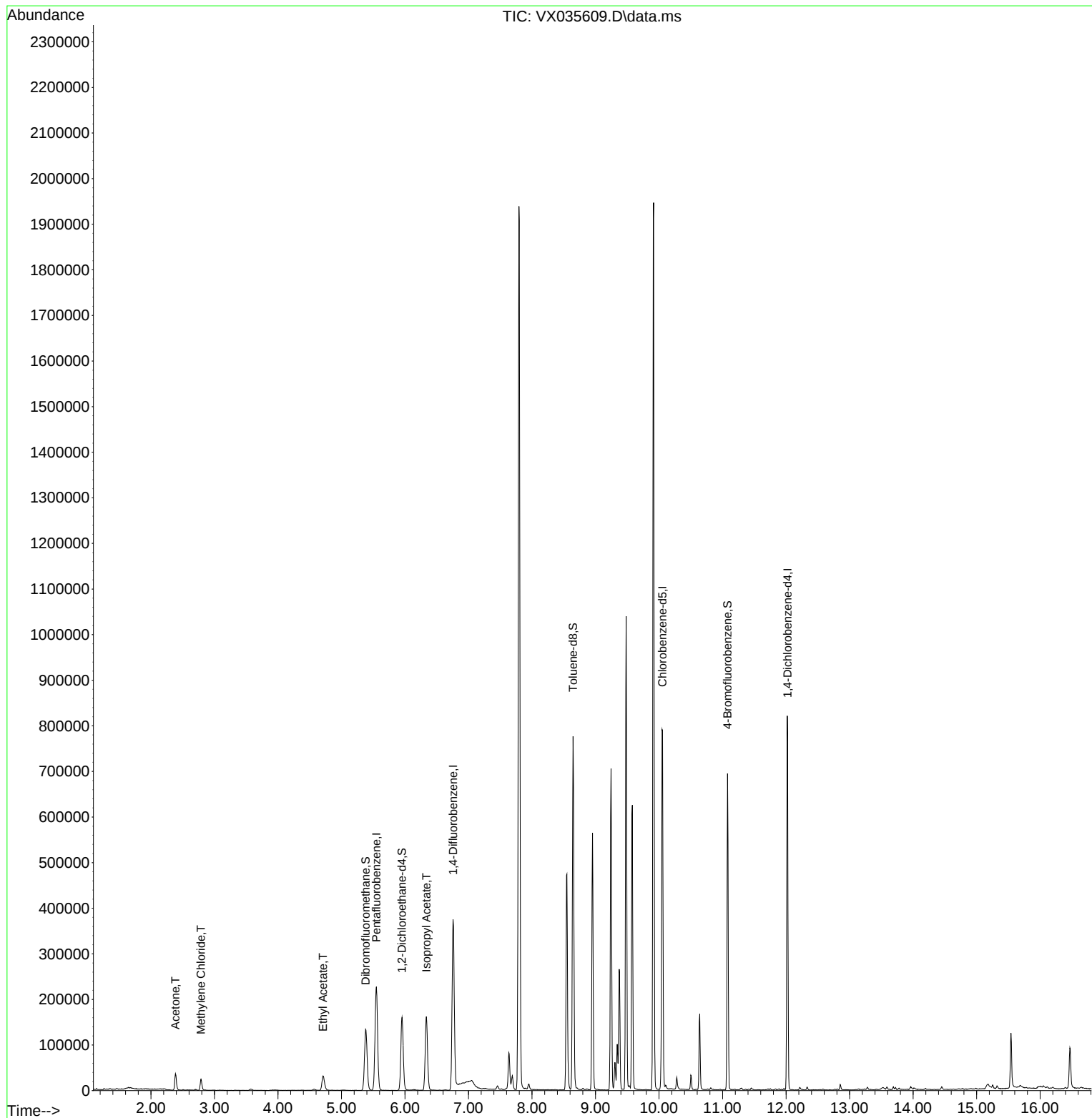
Internal Standards						
1) Pentafluorobenzene	5.550	168	195632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	357629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162809	47.704	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.400%
35) Dibromofluoromethane	5.379	113	116385	48.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	437676	49.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.079	95	185138	51.606	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.220%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	45171	30.795	ug/l	94
20) Methylene Chloride	2.788	84	11505	4.328	ug/l	90
37) Ethyl Acetate	4.708	43	58318	14.687	ug/l	98
43) Isopropyl Acetate	6.336	43	225737	32.601	ug/l	100

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

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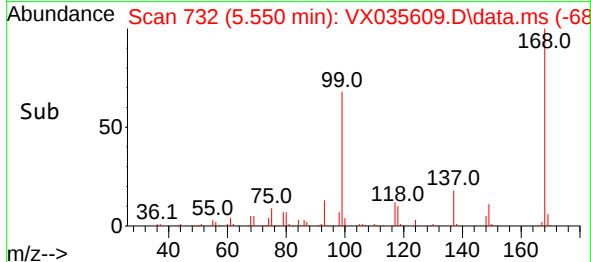
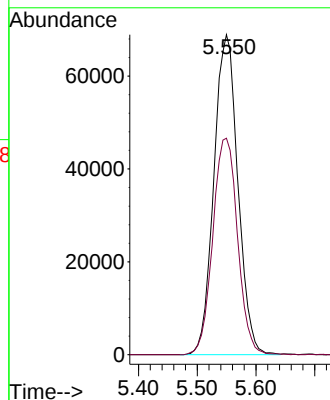
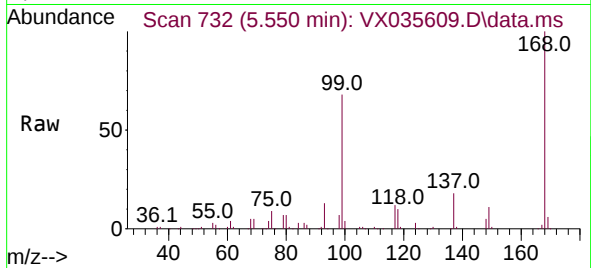




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035609.D
Acq: 11 May 2023 15:53

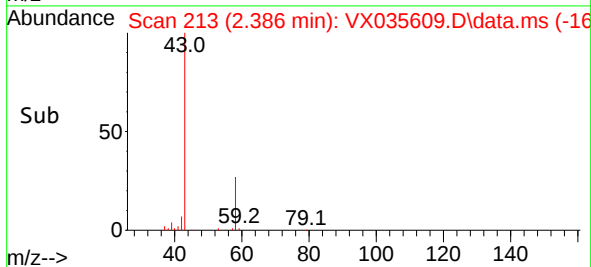
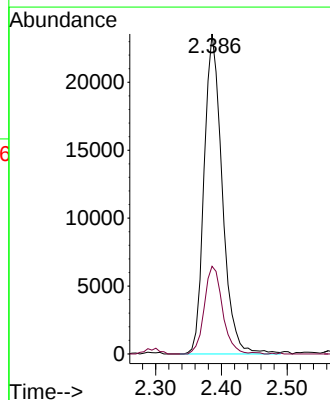
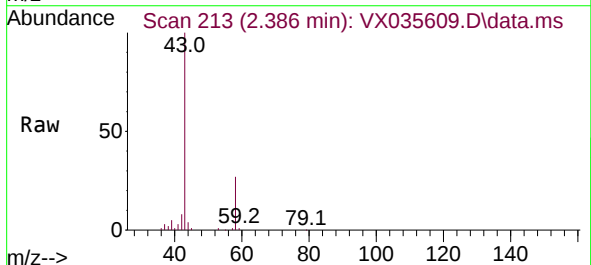
Instrument :
MSVOA_X
ClientSampleId :
AU-504-VOC-06

Tgt Ion:168 Resp: 195632
Ion Ratio Lower Upper
168 100
99 67.7 45.7 68.5



#16
Acetone
Concen: 30.795 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035609.D
Acq: 11 May 2023 15:53

Tgt Ion: 43 Resp: 45171
Ion Ratio Lower Upper
43 100
58 27.4 24.7 37.1

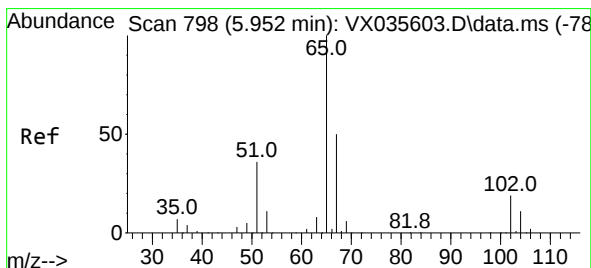
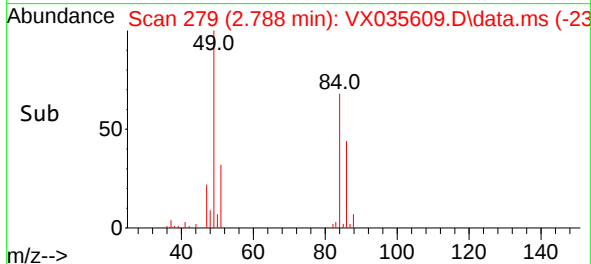
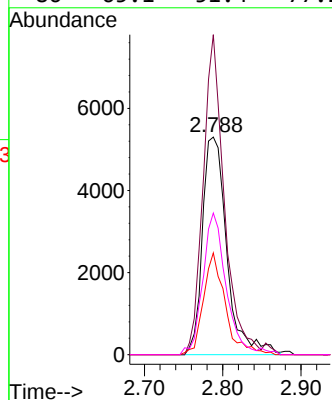
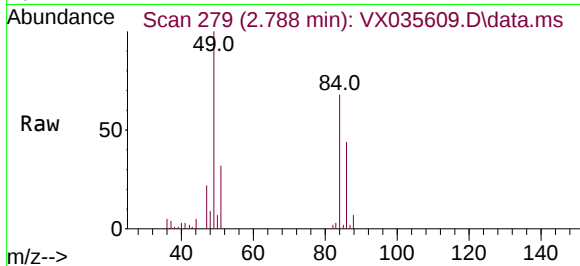




#20
Methylene Chloride
Concen: 4.328 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035609.D
Acq: 11 May 2023 15:53

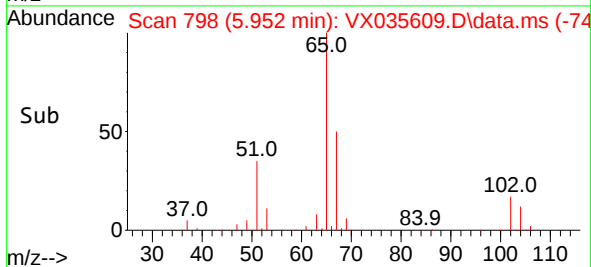
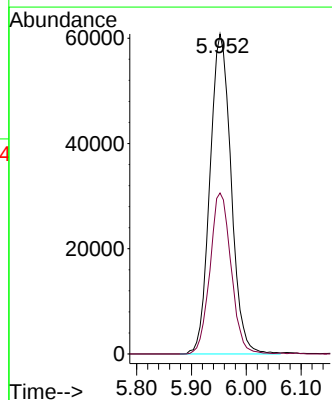
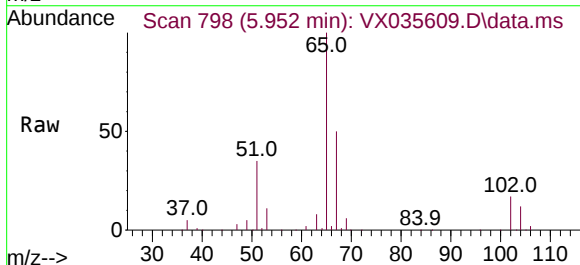
Instrument :
MSVOA_X
ClientSampleId :
AU-504-VOC-06

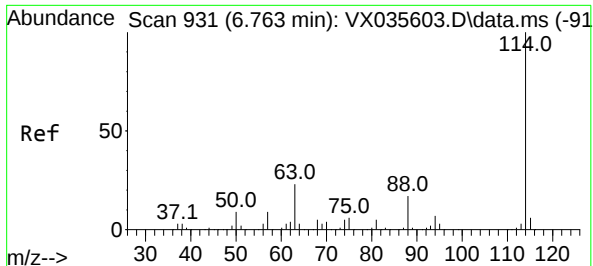
Tgt Ion:	84	Resp:	11505
Ion	Ratio	Lower	Upper
84	100		
49	147.0	103.8	155.8
51	46.7	31.8	47.8
86	65.1	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 47.704 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035609.D
Acq: 11 May 2023 15:53

Tgt Ion:	65	Resp:	162809
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.0

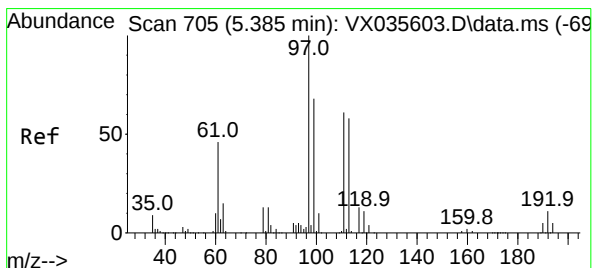
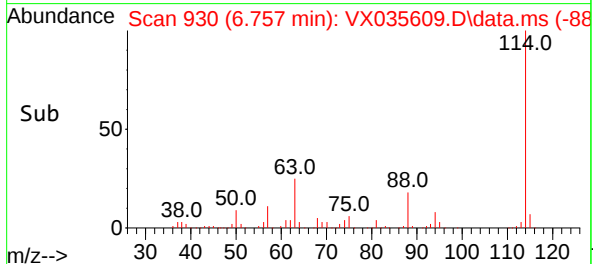
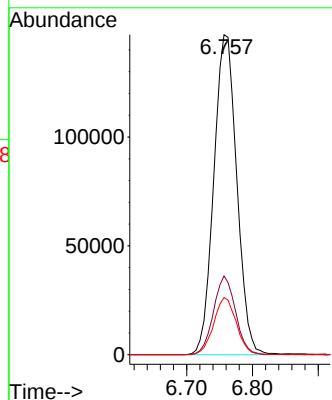
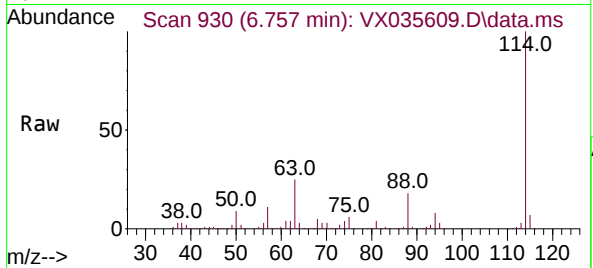




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035609.D
Acq: 11 May 2023 15:53

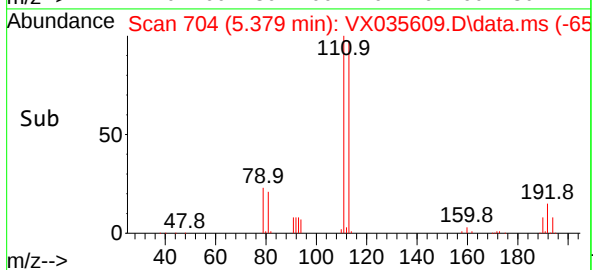
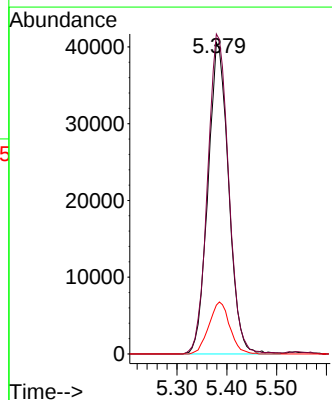
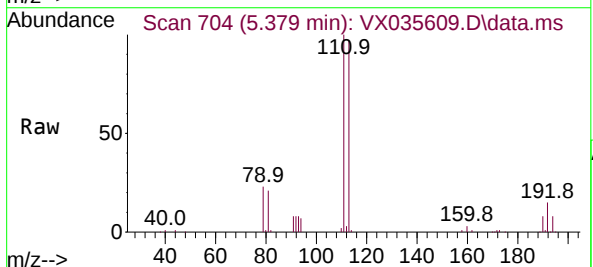
Instrument :
MSVOA_X
ClientSampleId :
AU-504-VOC-06

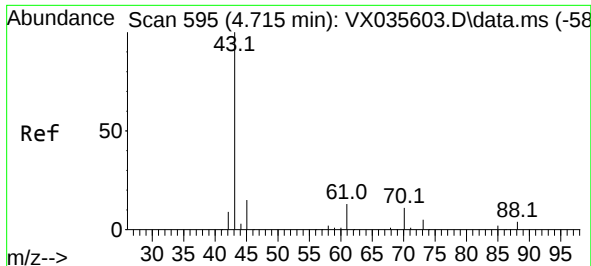
Tgt Ion:114 Resp: 357629
Ion Ratio Lower Upper
114 100
63 24.6 0.0 42.2
88 17.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.256 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035609.D
Acq: 11 May 2023 15:53

Tgt Ion:113 Resp: 116385
Ion Ratio Lower Upper
113 100
111 105.0 83.7 125.5
192 16.9 15.4 23.2





#37

Ethyl Acetate

Concen: 14.687 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX035609.D

Acq: 11 May 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

AU-504-VOC-06

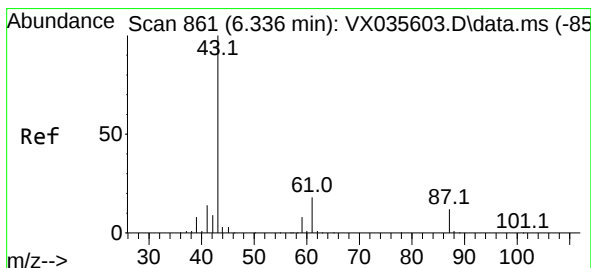
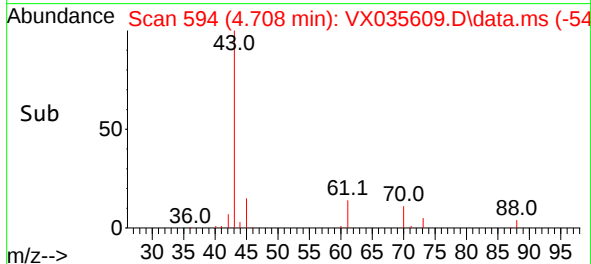
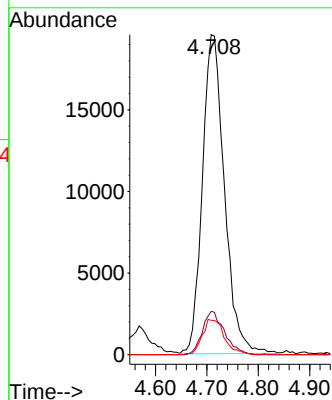
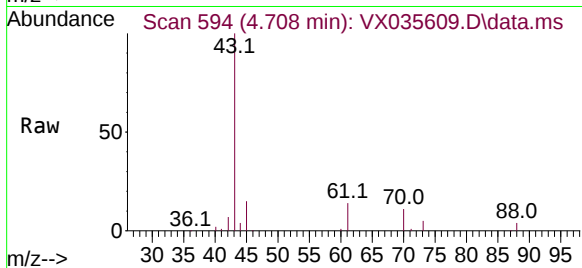
Tgt Ion: 43 Resp: 58318

Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.4

70 11.0 8.2 12.4



#43

Isopropyl Acetate

Concen: 32.601 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035609.D

Acq: 11 May 2023 15:53

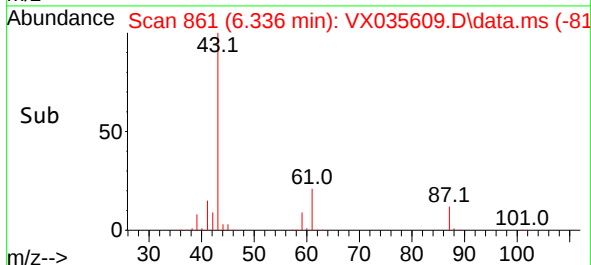
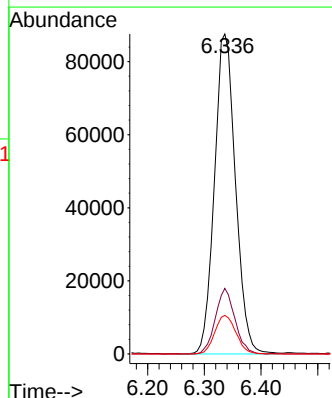
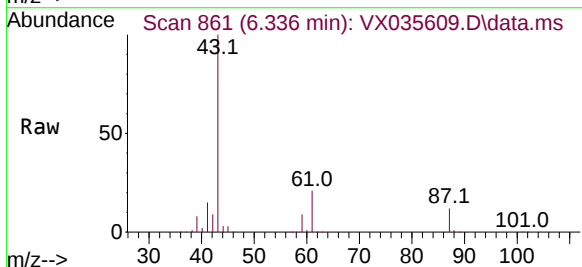
Tgt Ion: 43 Resp: 225737

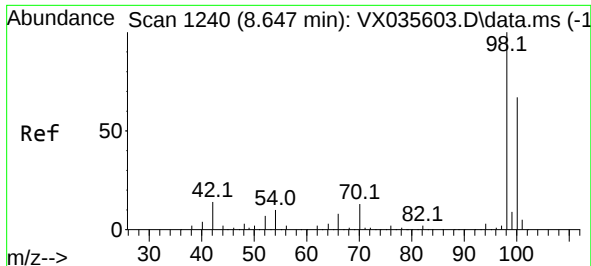
Ion Ratio Lower Upper

43 100

61 19.0 15.2 22.8

87 12.1 9.8 14.8

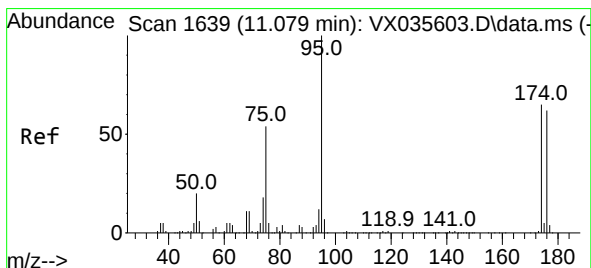
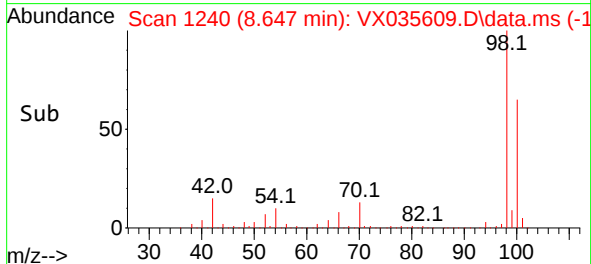
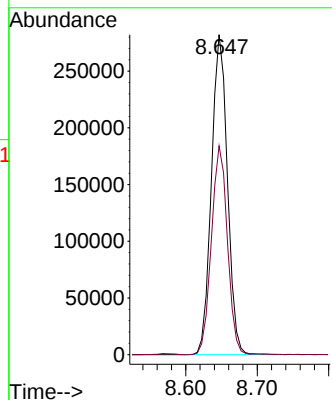
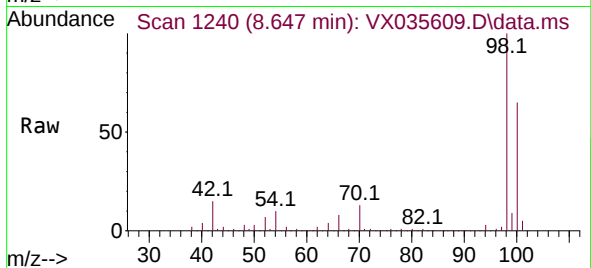




#50
Toluene-d8
Concen: 49.122 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035609.D
Acq: 11 May 2023 15:53

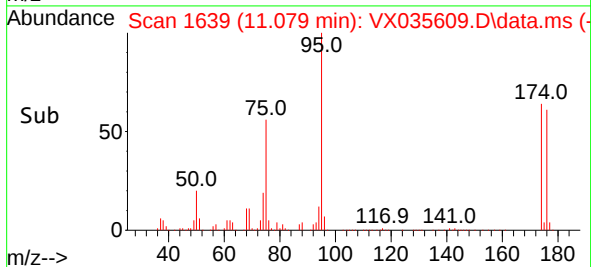
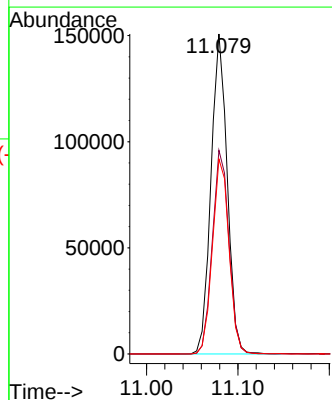
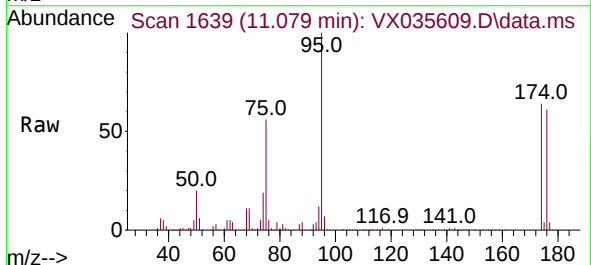
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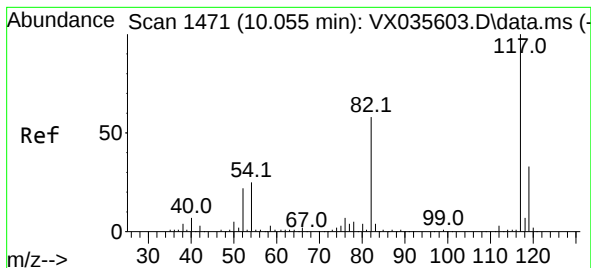
Tgt Ion: 98 Resp: 437676
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035609.D
Acq: 11 May 2023 15:53

Tgt Ion: 95 Resp: 185138
Ion Ratio Lower Upper
95 100
174 65.5 0.0 147.4
176 62.4 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035609.D

Acq: 11 May 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

AU-504-VOC-06

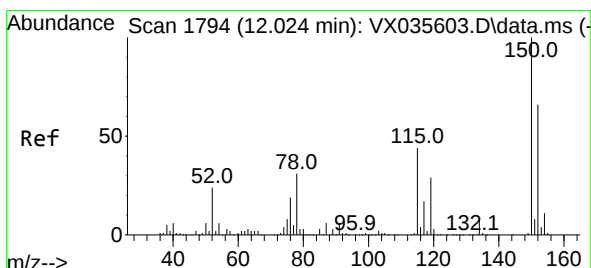
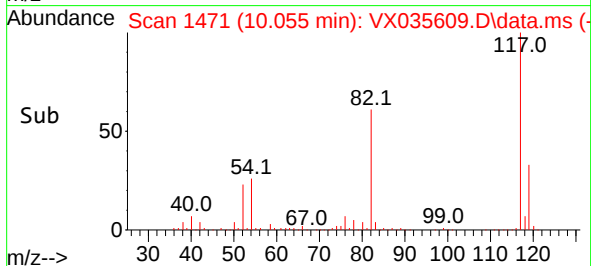
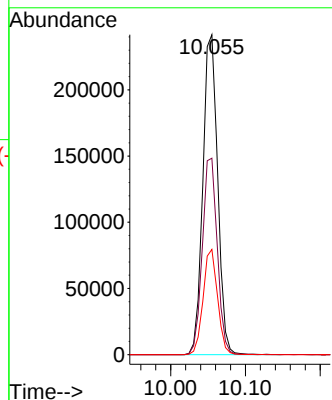
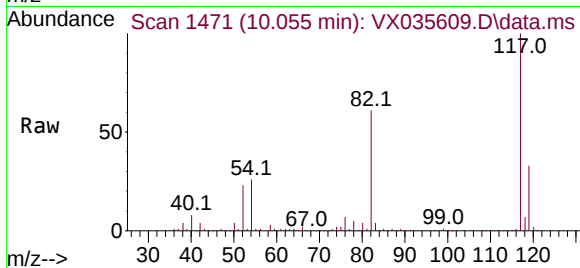
Tgt Ion:117 Resp: 332567

Ion Ratio Lower Upper

117 100

82 61.4 45.0 67.4

119 32.9 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035609.D

Acq: 11 May 2023 15:53

Tgt Ion:152 Resp: 153954

Ion Ratio Lower Upper

152 100

115 66.1 45.0 135.0

150 157.3 0.0 352.4

