

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036150.D
 Acq On : 13 Jun 2023 17:36
 Operator : JC/MD
 Sample : 03170-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-2012

Quant Time: Jun 14 00:58:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

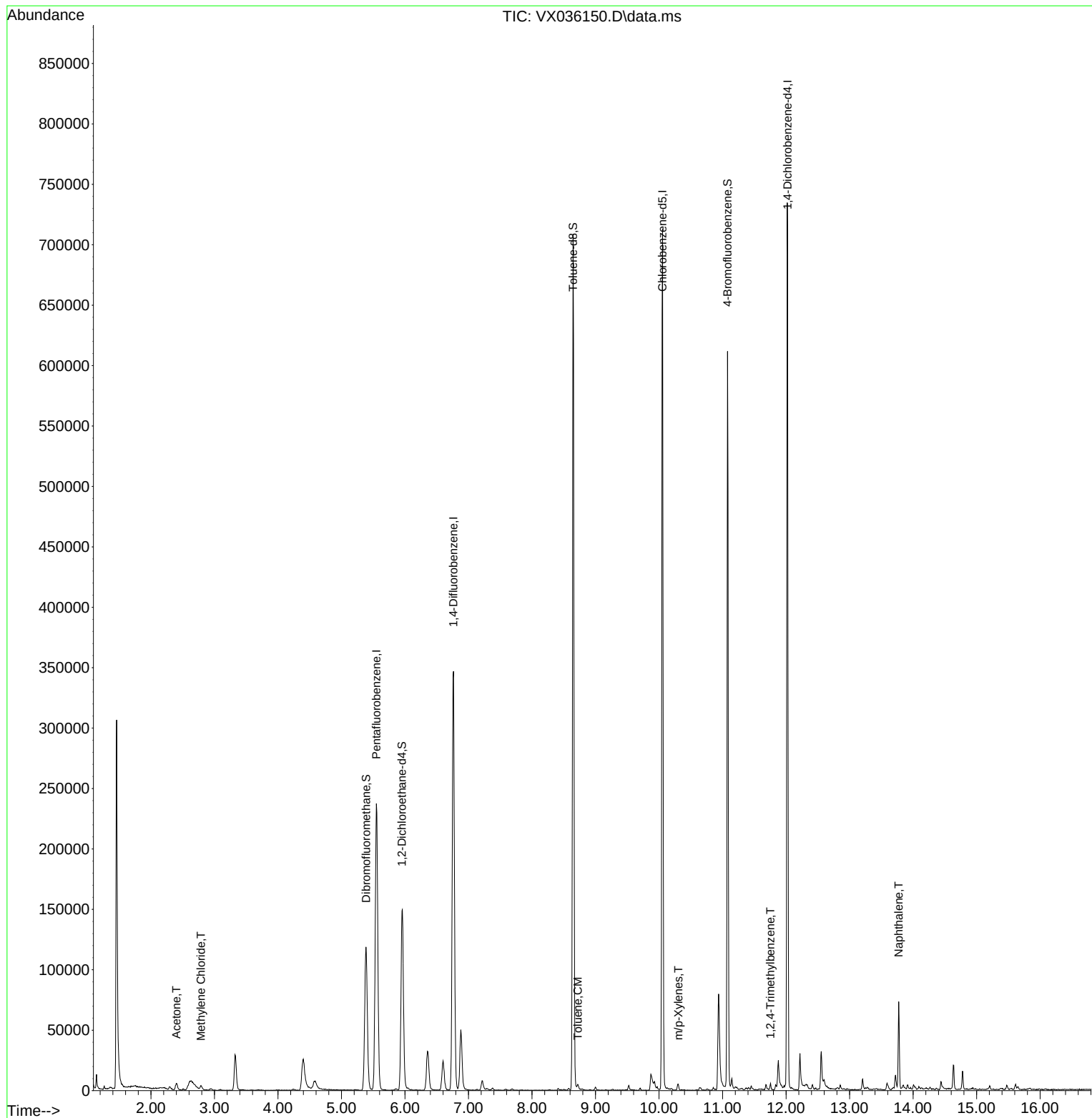
Internal Standards						
1) Pentafluorobenzene	5.550	168	197762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	330634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155508	48.424	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.840%
35) Dibromofluoromethane	5.385	113	102053	45.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.647	98	387872	48.598	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	154346	48.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.980%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	8693	6.561	ug/l	98
20) Methylene Chloride	2.788	84	1491	0.584	ug/l #	85
52) Toluene	8.720	92	1332	0.238	ug/l	94
68) m/p-Xylenes	10.305	106	1181	0.297	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	2202	0.258	ug/l	98
95) Naphthalene	13.774	128	40828	4.528	ug/l	99

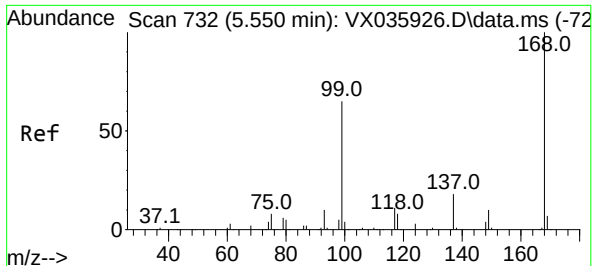
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Jun 14 00:58:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

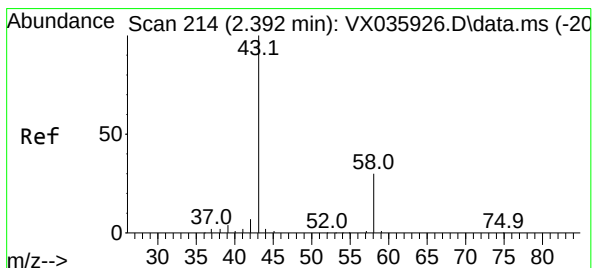
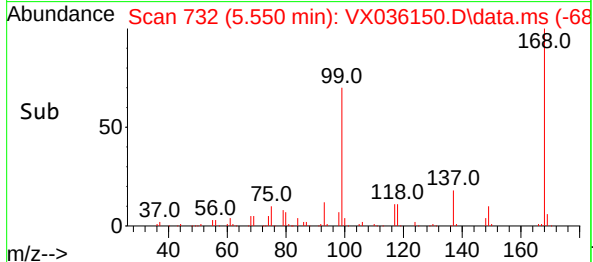
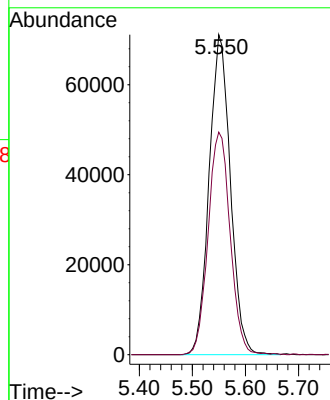
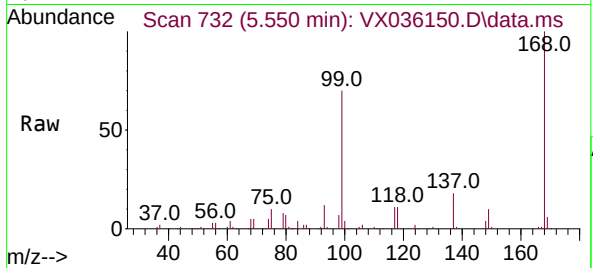




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

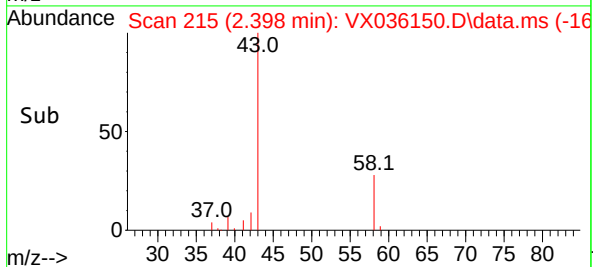
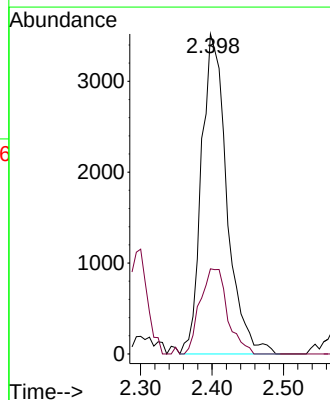
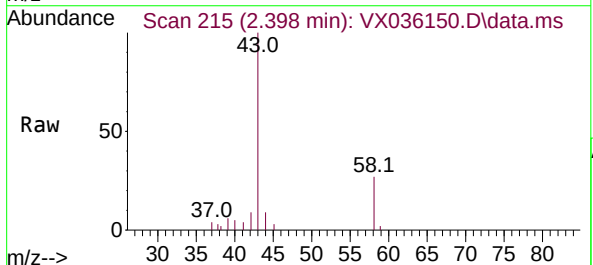
Instrument :
MSVOA_X
ClientSampleId :
AUD-2012

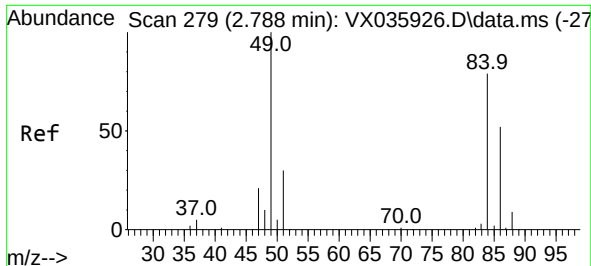
Tgt Ion:168 Resp: 197762
Ion Ratio Lower Upper
168 100
99 69.6 57.0 85.6



#16
Acetone
Concen: 6.561 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

Tgt Ion: 43 Resp: 8693
Ion Ratio Lower Upper
43 100
58 26.6 22.2 33.2

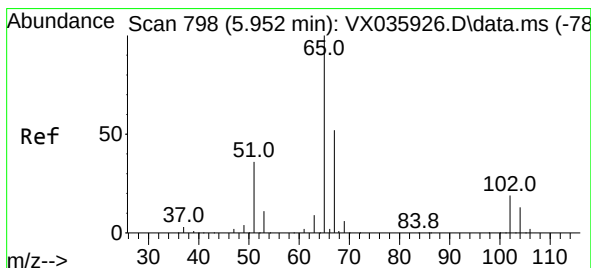
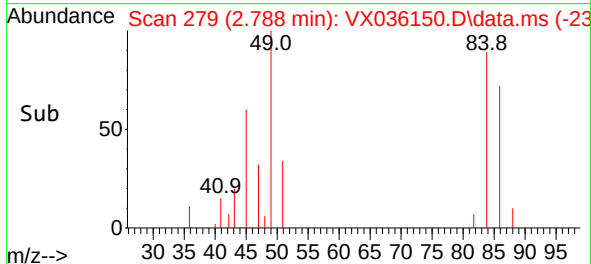
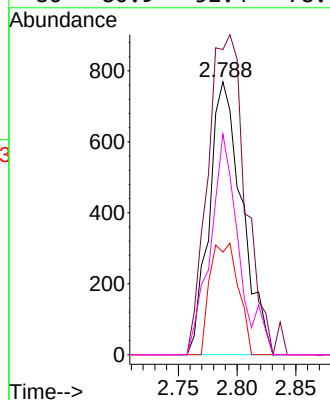
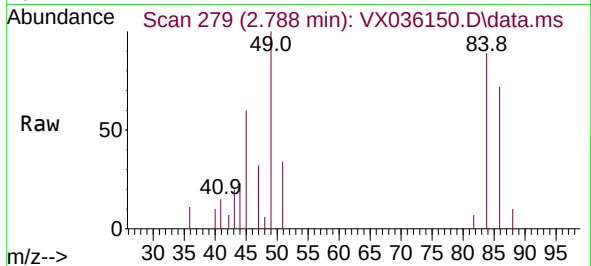




#20
Methylene Chloride
Concen: 0.584 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

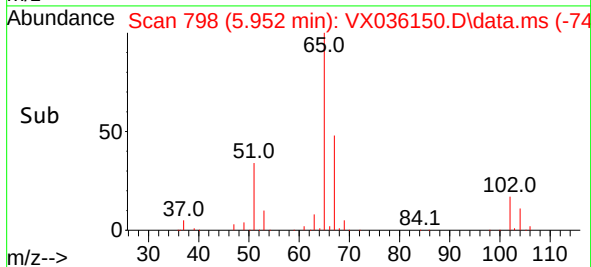
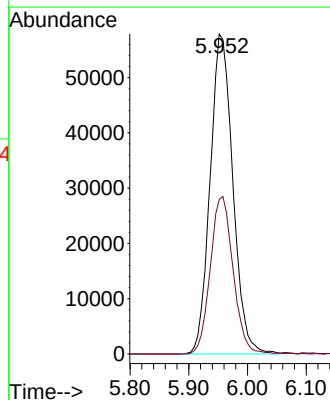
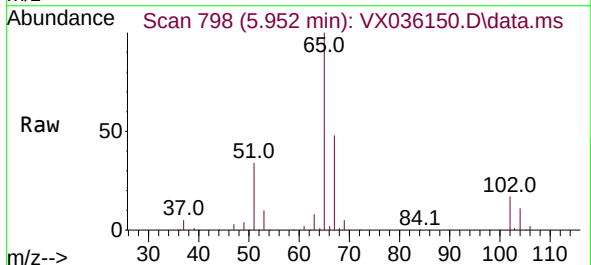
Instrument :
MSVOA_X
ClientSampleId :
AUD-2012

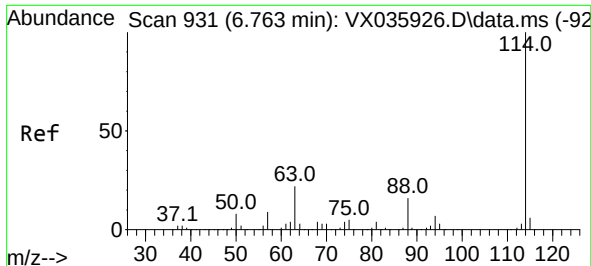
Tgt Ion: 84 Resp: 1491
Ion Ratio Lower Upper
84 100
49 111.8 104.6 156.8
51 37.6 32.2 48.4
86 80.9 52.4 78.6#



#33
1,2-Dichloroethane-d4
Concen: 48.424 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

Tgt Ion: 65 Resp: 155508
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.6

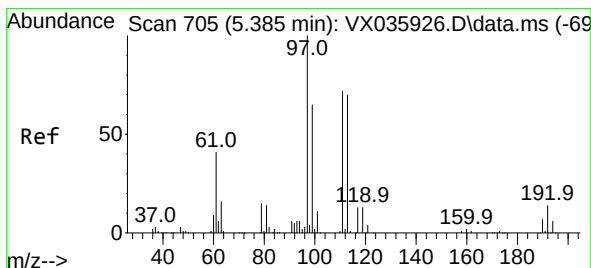
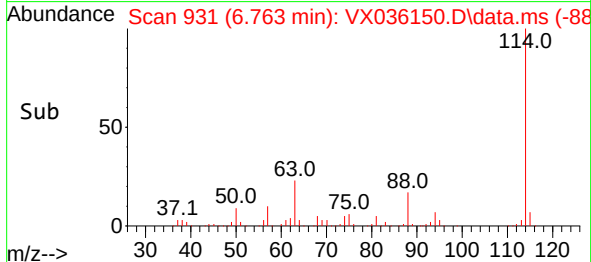
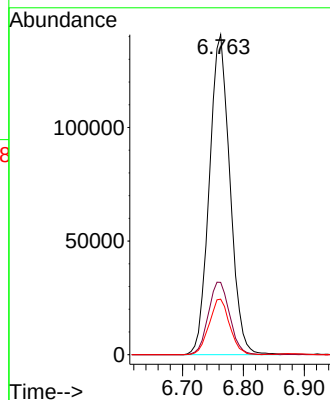
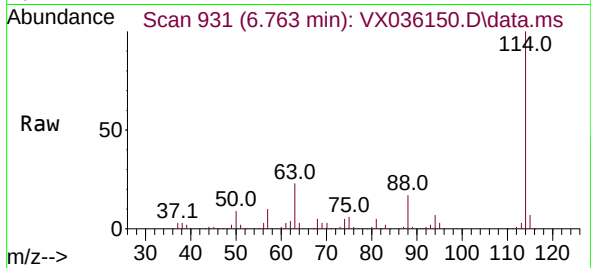




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

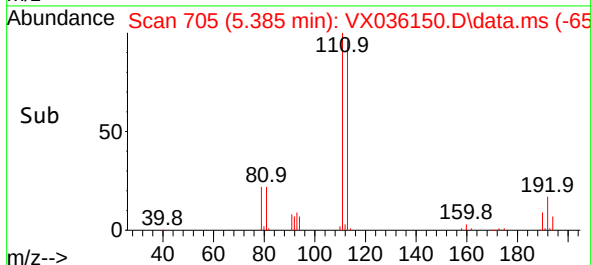
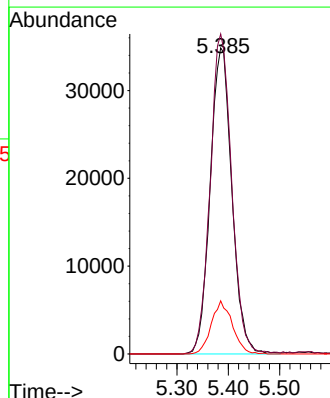
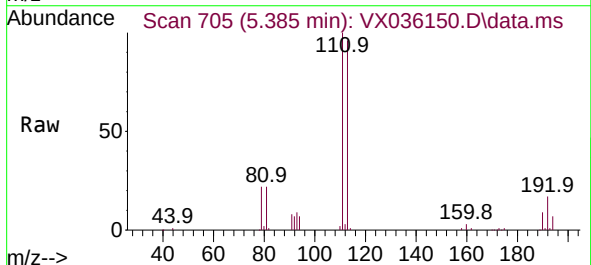
Instrument :
MSVOA_X
ClientSampleId :
AUD-2012

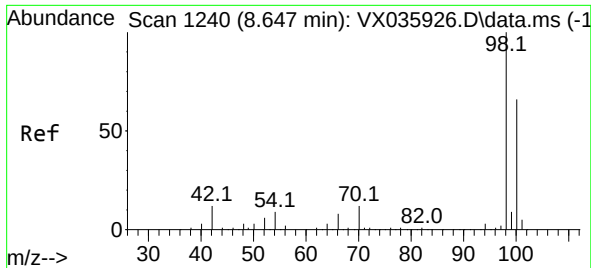
Tgt Ion:114 Resp: 330634
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.0
88 17.3 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.891 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

Tgt Ion:113 Resp: 102053
Ion Ratio Lower Upper
113 100
111 103.6 81.7 122.5
192 16.8 13.5 20.3

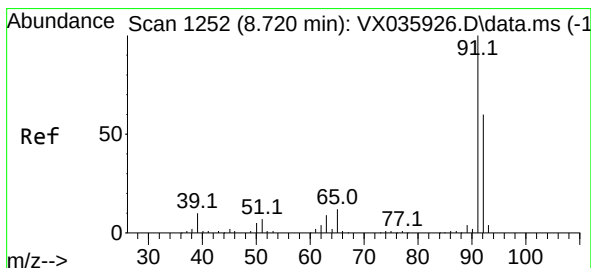
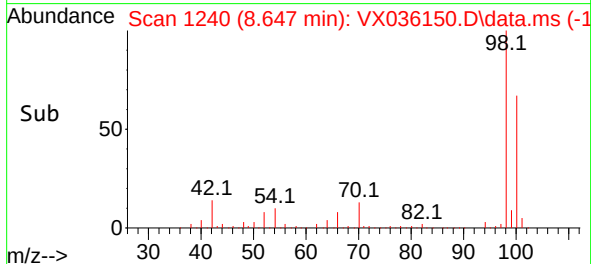
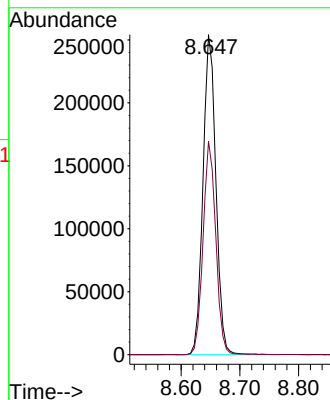
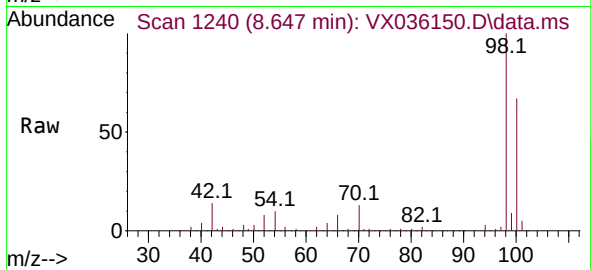




#50
Toluene-d8
Concen: 48.598 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

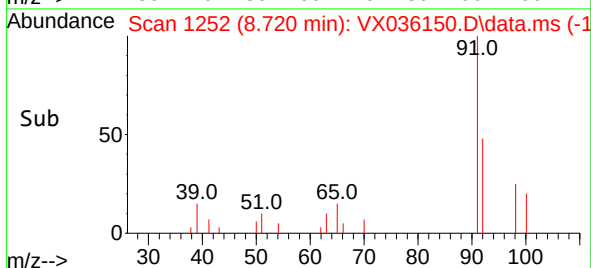
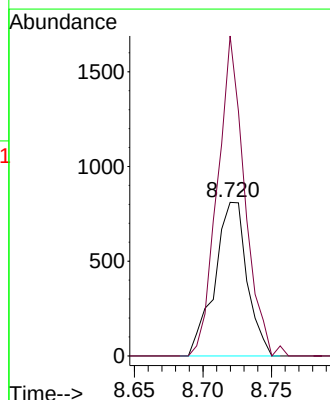
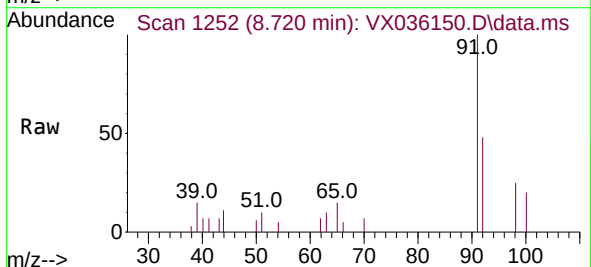
Instrument :
MSVOA_X
ClientSampleId :
AUD-2012

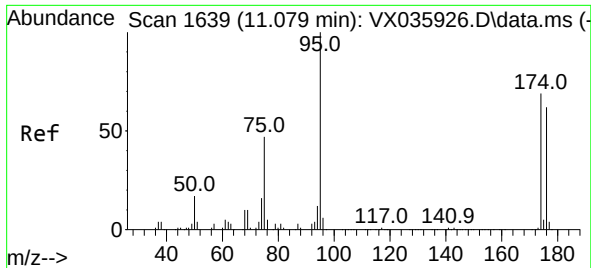
Tgt Ion: 98 Resp: 387872
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



#52
Toluene
Concen: 0.238 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

Tgt Ion: 92 Resp: 1332
Ion Ratio Lower Upper
92 100
91 175.1 133.5 200.3

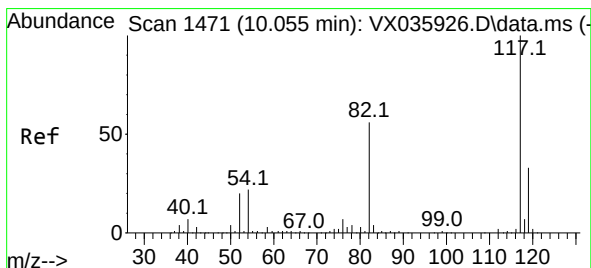
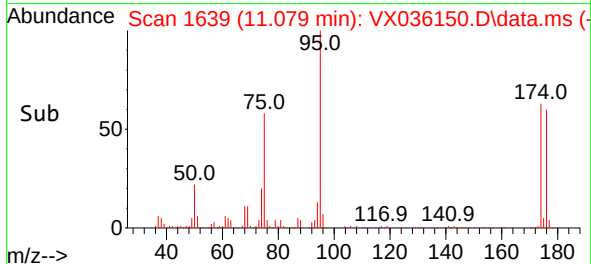
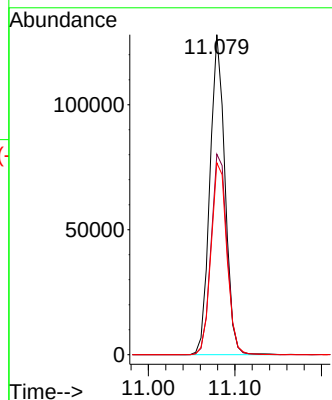
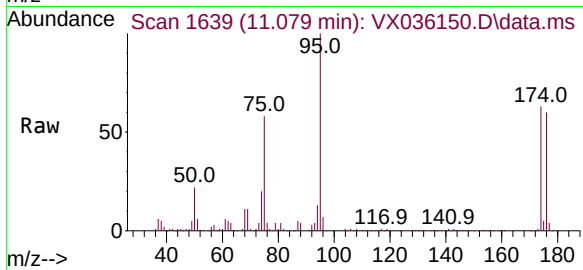




#62
4-Bromofluorobenzene
Concen: 48.989 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

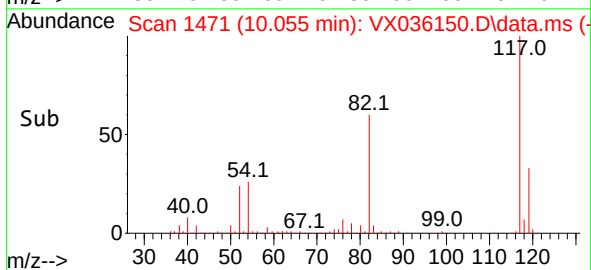
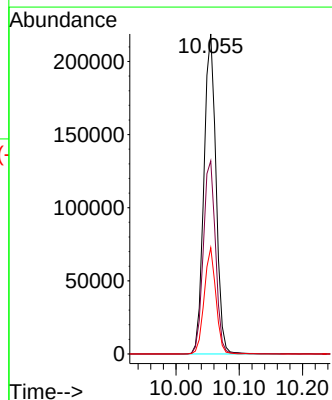
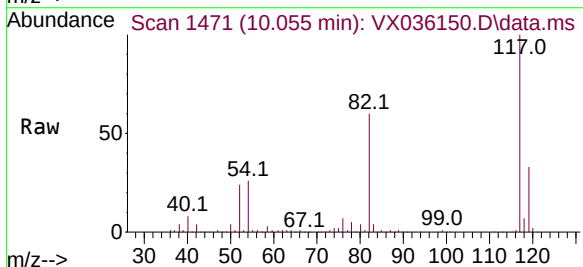
Instrument :
MSVOA_X
ClientSampleId :
AUD-2012

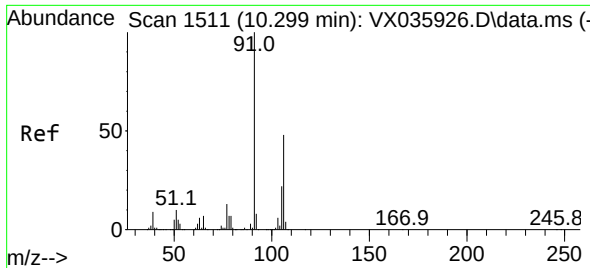
Tgt Ion: 95 Resp: 154346
Ion Ratio Lower Upper
95 100
174 66.3 0.0 132.6
176 63.4 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

Tgt Ion: 117 Resp: 292178
Ion Ratio Lower Upper
117 100
82 60.4 46.6 69.8
119 33.2 25.4 38.2

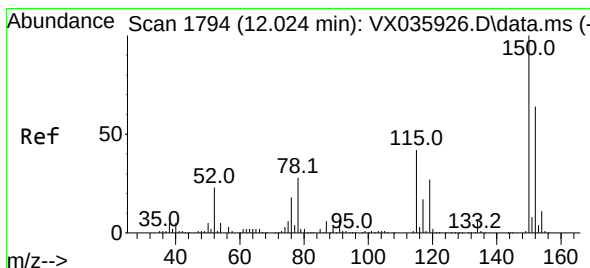
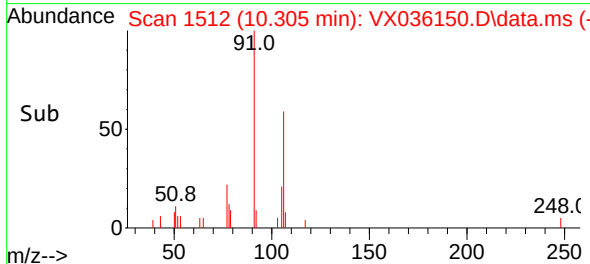
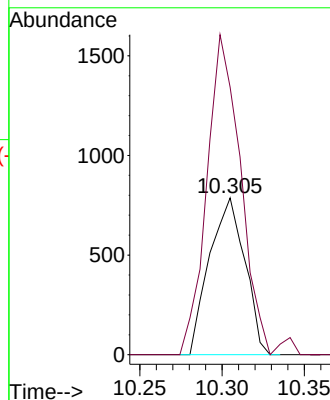
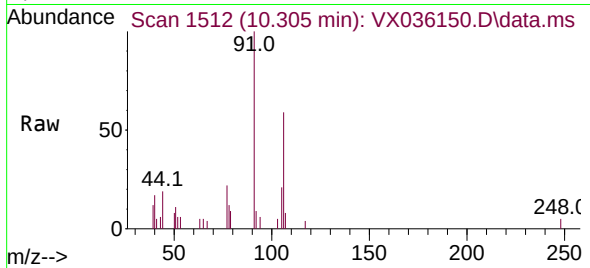




#68
m/p-Xylenes
Concen: 0.297 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

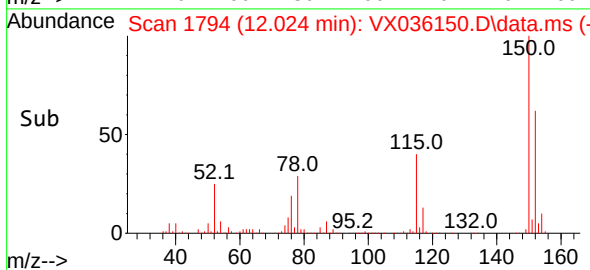
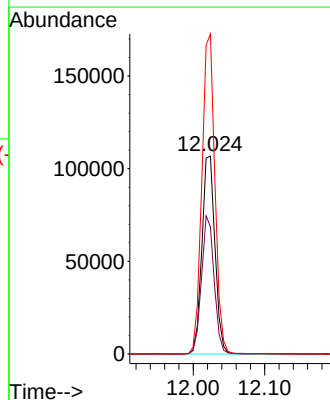
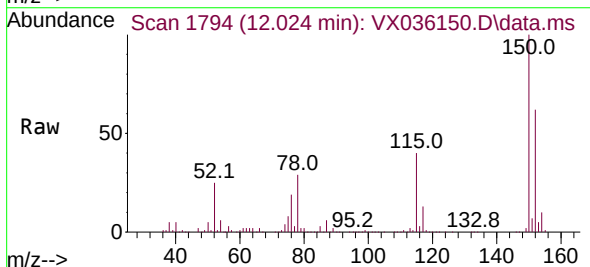
Instrument :
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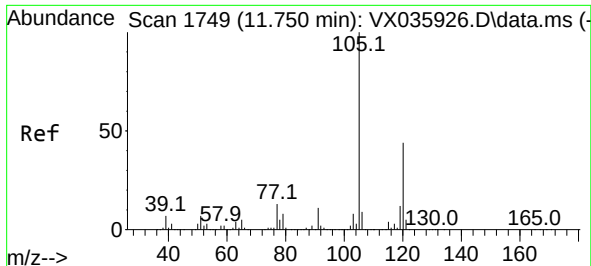
Tgt Ion:106 Resp: 1181
Ion Ratio Lower Upper
106 100
91 194.8 169.8 254.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

Tgt Ion:152 Resp: 135852
Ion Ratio Lower Upper
152 100
115 67.2 45.5 136.5
150 160.6 0.0 345.2

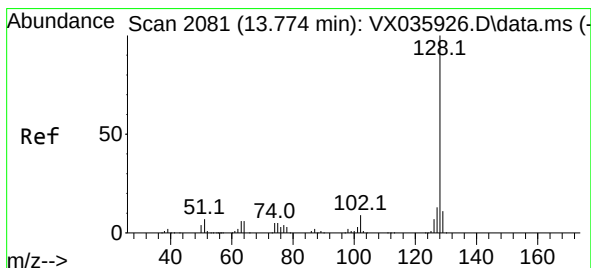
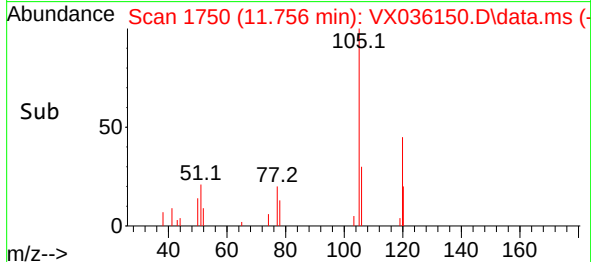
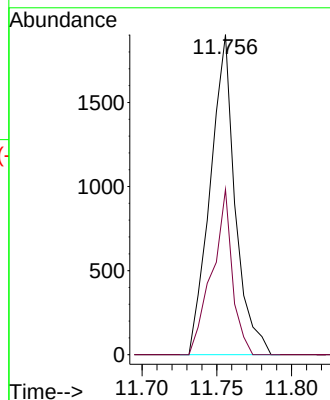
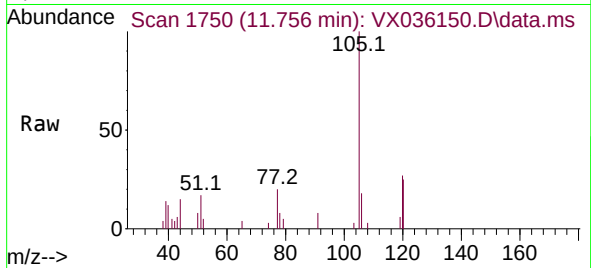




#84
1,2,4-Trimethylbenzene
Concen: 0.258 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
AUD-2012

Tgt Ion:105 Resp: 2202
Ion Ratio Lower Upper
105 100
120 42.0 21.6 64.8



#95
Naphthalene
Concen: 4.528 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036150.D
Acq: 13 Jun 2023 17:36

Tgt Ion:128 Resp: 40828
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.9 8.7 13.1

