

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035336.D
 Acq On : 27 Apr 2023 13:15
 Operator : JC/MD
 Sample : 02485-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33993

Quant Time: Apr 28 05:04:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

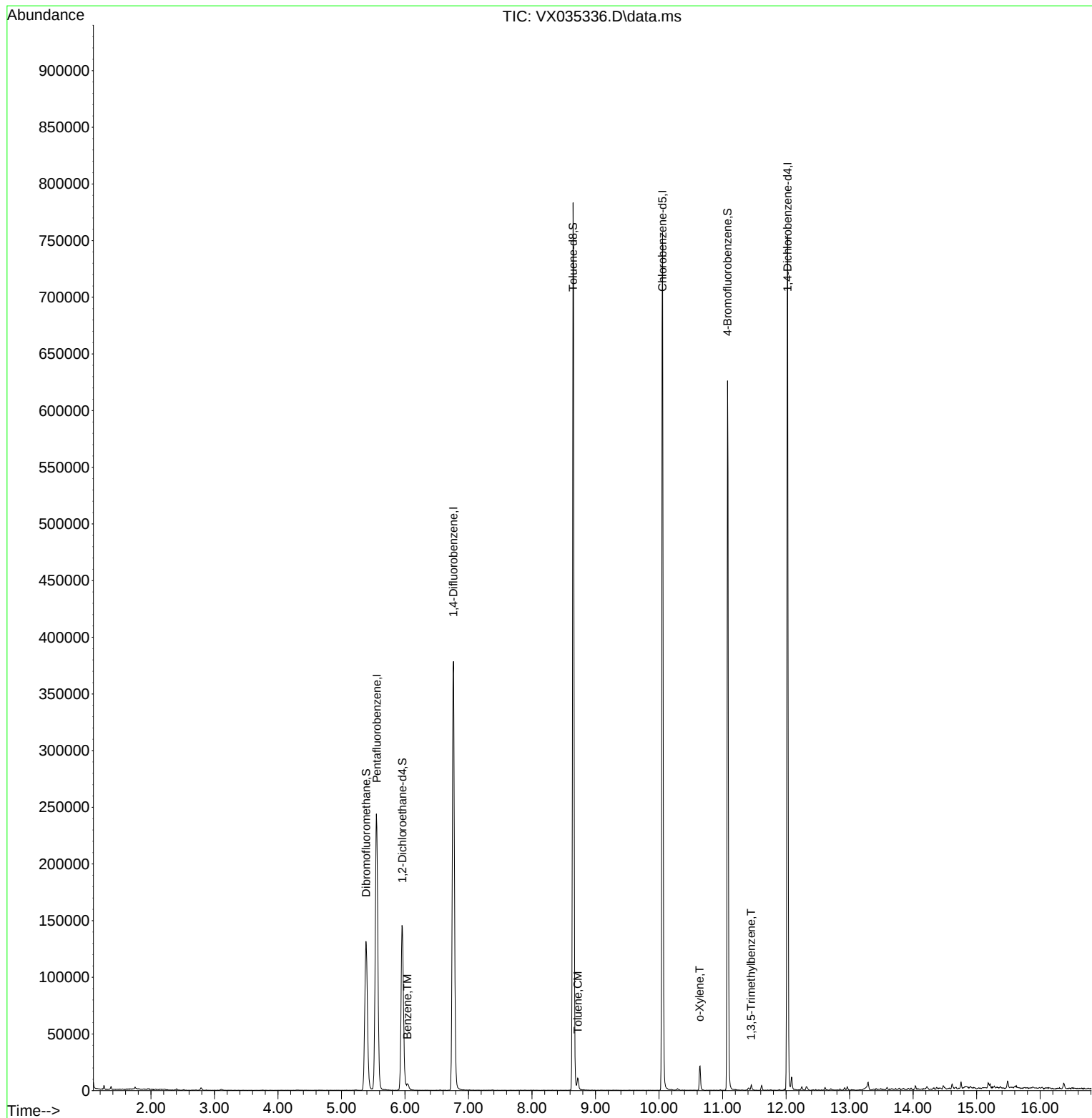
Internal Standards						
1) Pentafluorobenzene	5.556	168	239641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142181	49.178	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.360%
35) Dibromofluoromethane	5.385	113	120112	49.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	8.647	98	464392	50.429	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.860%
62) 4-Bromofluorobenzene	11.079	95	172994	49.938	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.880%
Target Compounds						
					Qvalue	
40) Benzene	6.037	78	6371	0.583	ug/l #	86
52) Toluene	8.720	92	4005	0.578	ug/l	98
69) o-Xylene	10.640	106	5253	1.048	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2327	0.228	ug/l	97

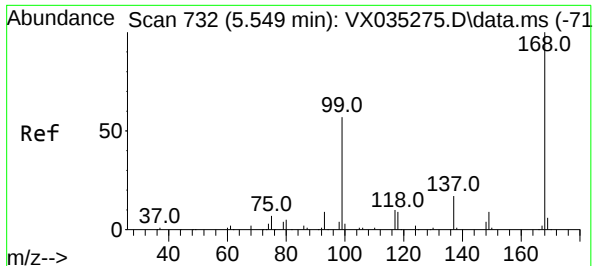
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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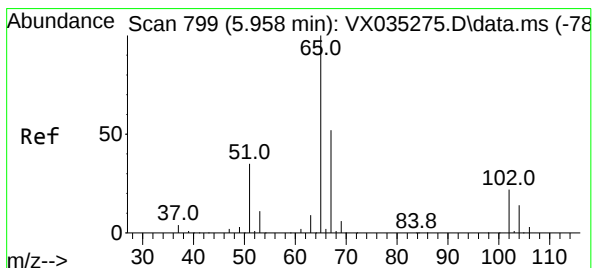
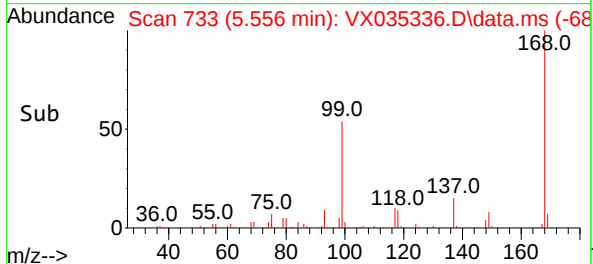
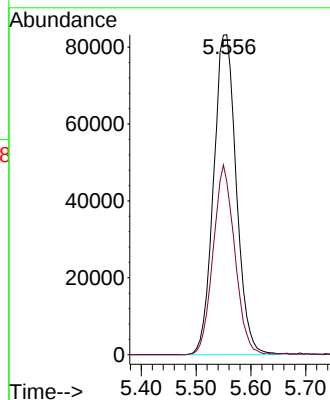
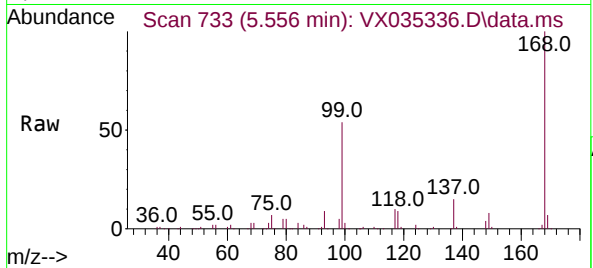




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.007 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

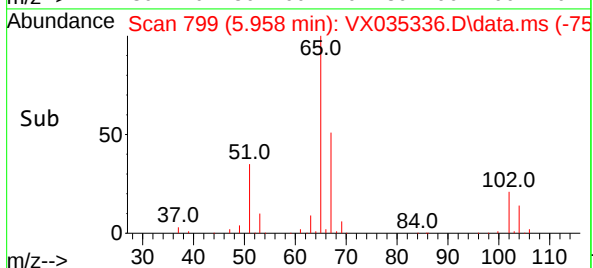
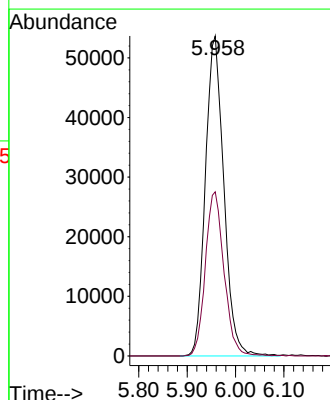
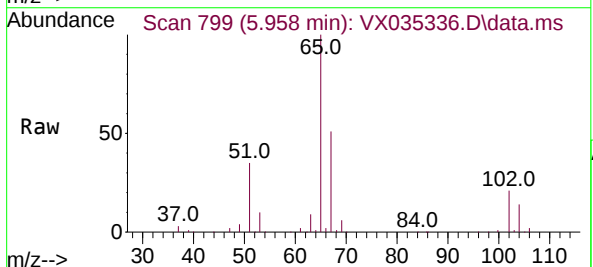
Instrument :
MSVOA_X
ClientSampleId :
33993

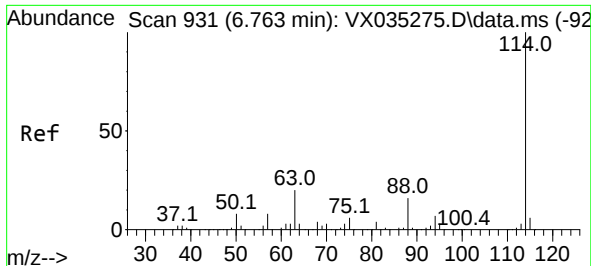
Tgt Ion:168 Resp: 239641
Ion Ratio Lower Upper
168 100
99 54.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 49.178 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

Tgt Ion: 65 Resp: 142181
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

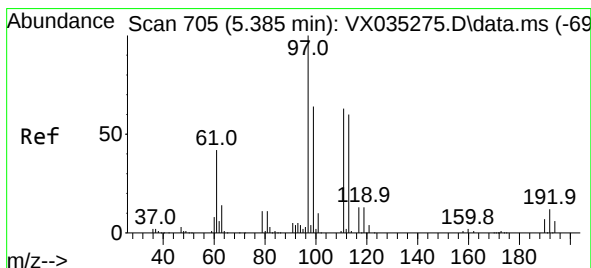
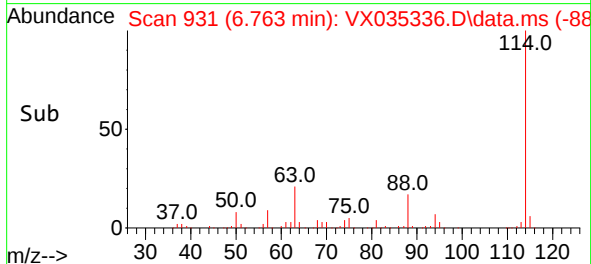
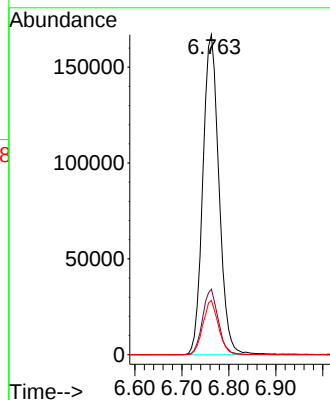
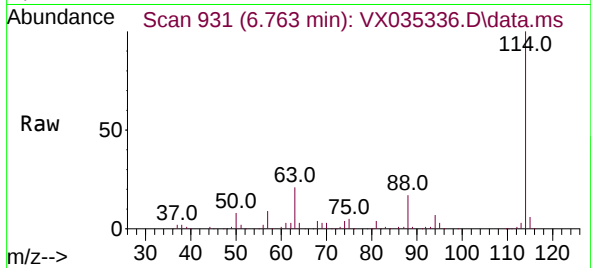




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

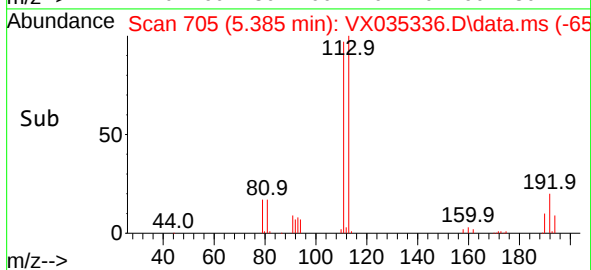
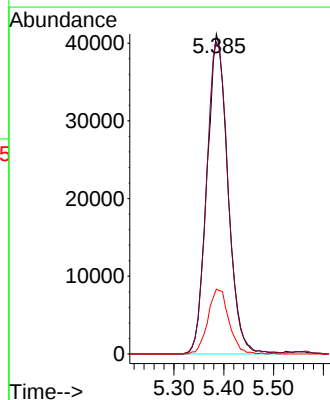
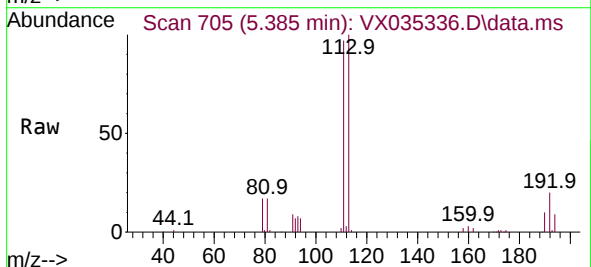
Instrument :
MSVOA_X
ClientSampleId :
33993

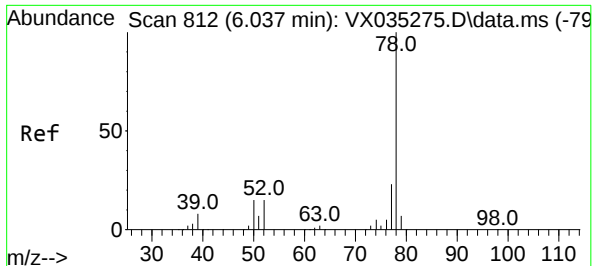
Tgt Ion:114 Resp: 397731
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.203 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

Tgt Ion:113 Resp: 120112
Ion Ratio Lower Upper
113 100
111 100.2 83.7 125.5
192 20.3 15.4 23.2

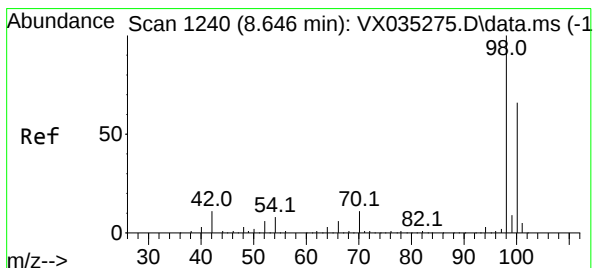
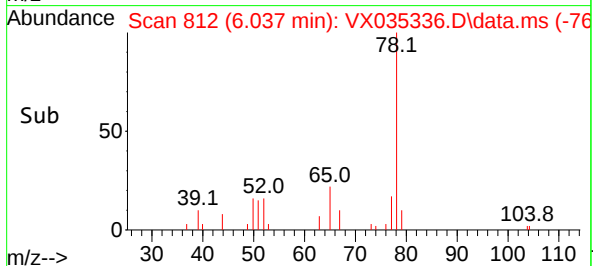
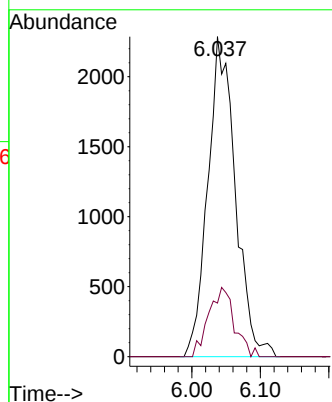
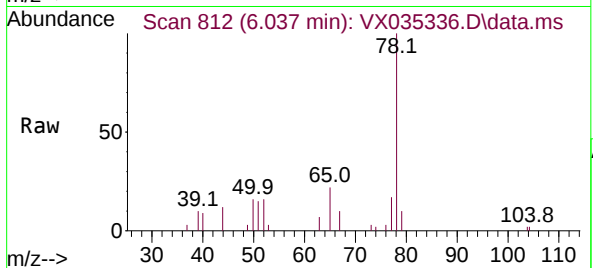




#40
Benzene
Concen: 0.583 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

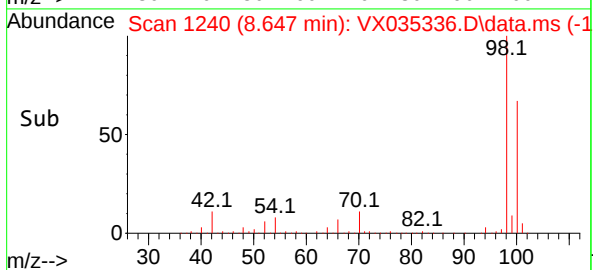
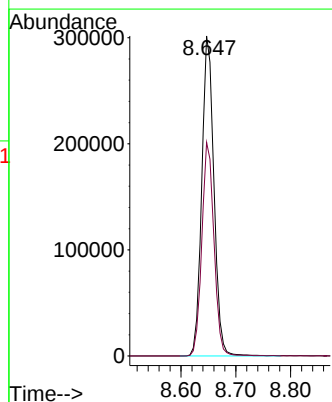
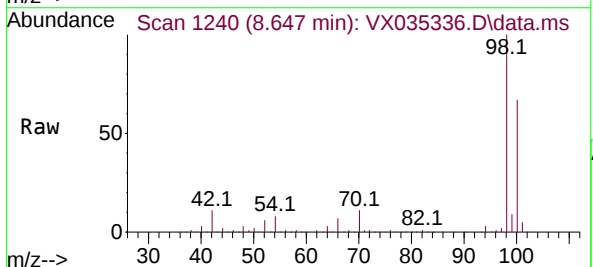
Instrument :
MSVOA_X
ClientSampleId :
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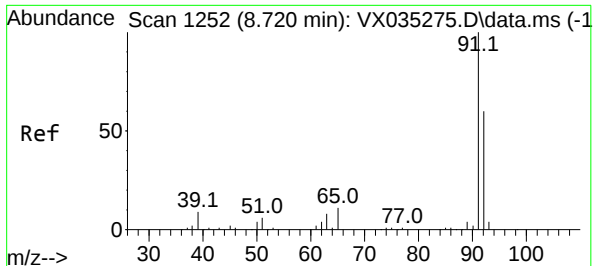
Tgt Ion: 78 Resp: 6371
Ion Ratio Lower Upper
78 100
77 16.8 19.0 28.4#



#50
Toluene-d8
Concen: 50.429 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

Tgt Ion: 98 Resp: 464392
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

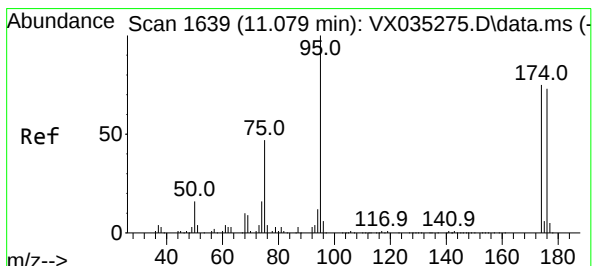
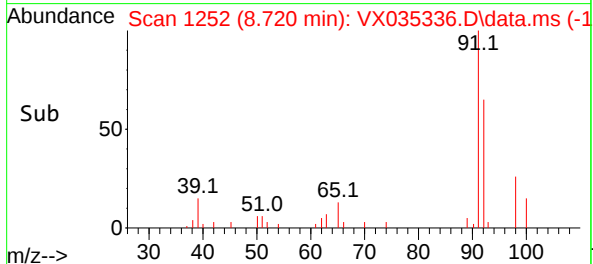
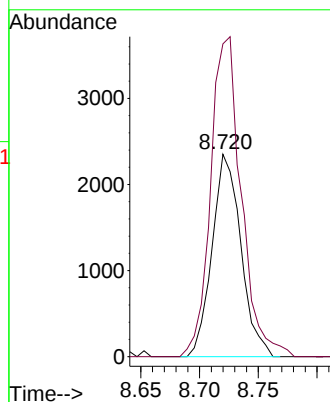
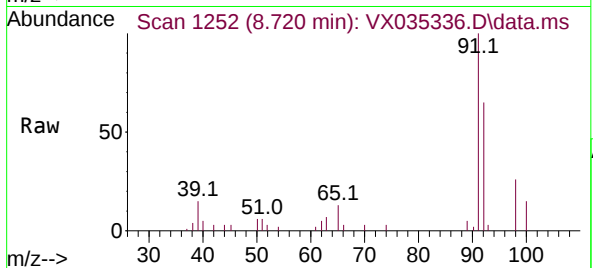




#52
Toluene
Concen: 0.578 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

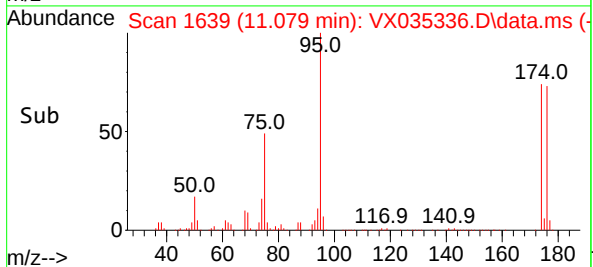
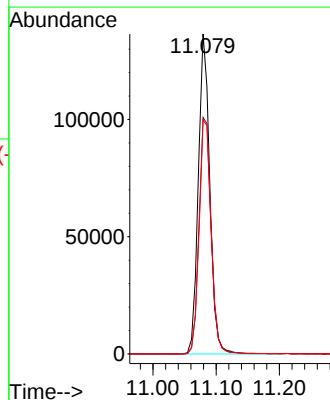
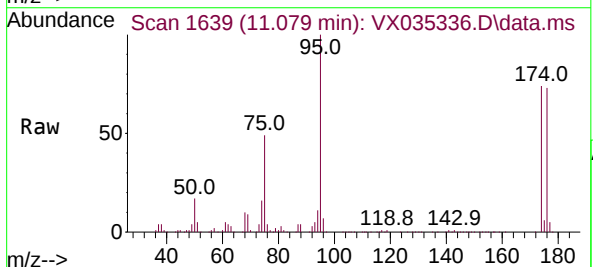
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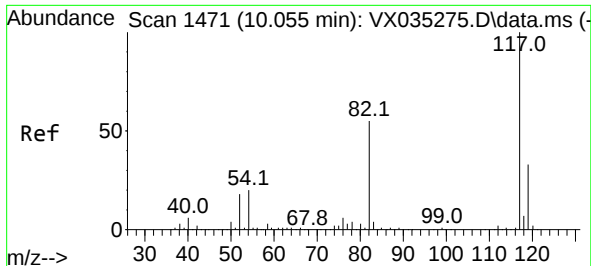
Tgt Ion: 92 Resp: 4005
Ion Ratio Lower Upper
92 100
91 168.2 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 49.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

Tgt Ion: 95 Resp: 172994
Ion Ratio Lower Upper
95 100
174 77.7 0.0 147.4
176 76.6 0.0 140.6

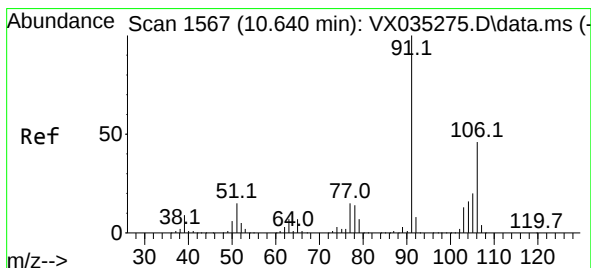
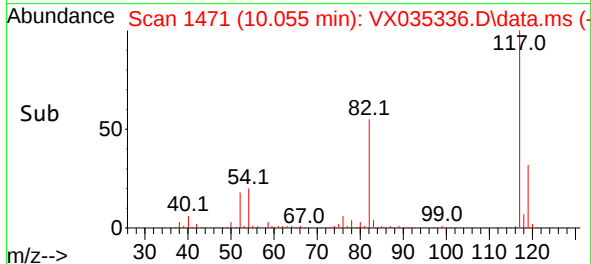
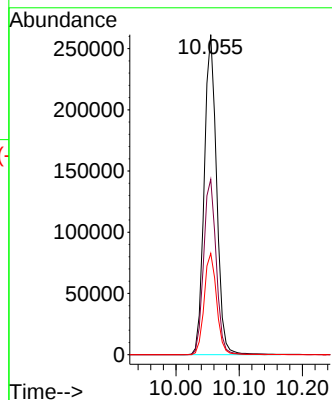
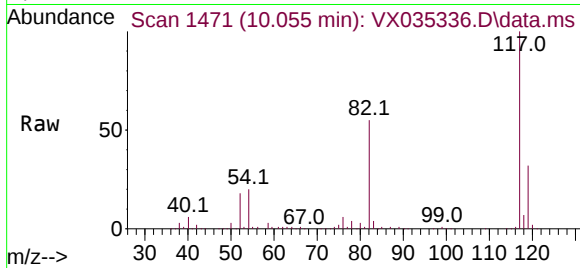




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

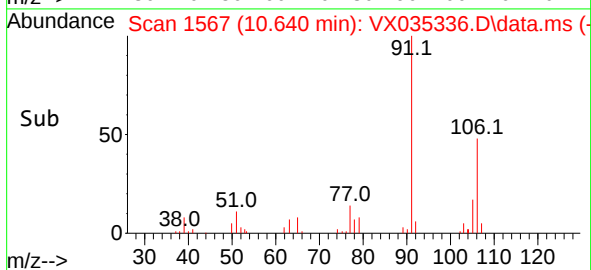
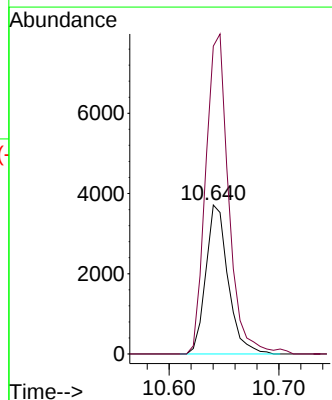
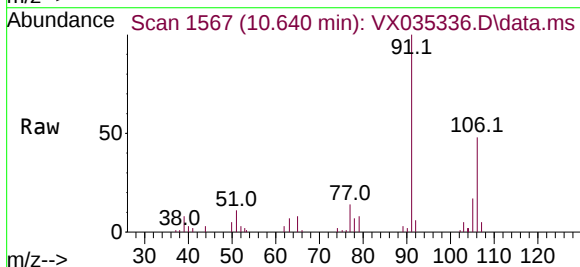
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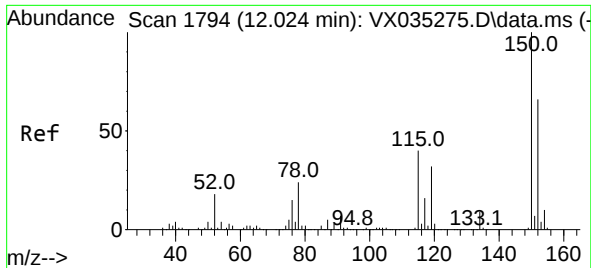
Tgt Ion:117 Resp: 356191
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 31.7 26.0 39.0



#69
o-Xylene
Concen: 1.048 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035336.D
Acq: 27 Apr 2023 13:15

Tgt Ion:106 Resp: 5253
Ion Ratio Lower Upper
106 100
91 221.0 108.5 325.3

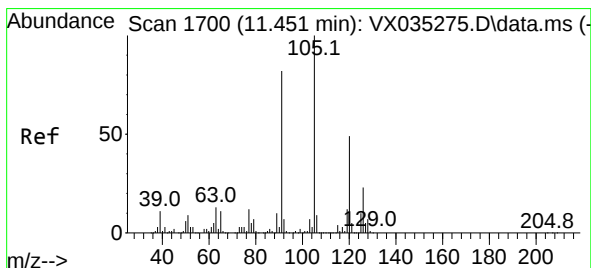
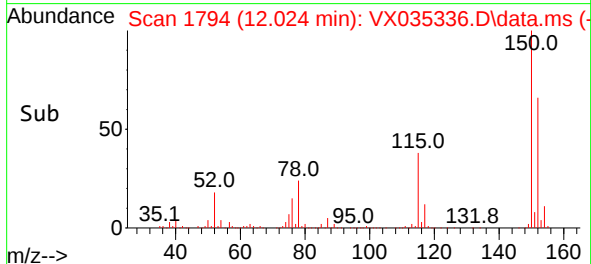
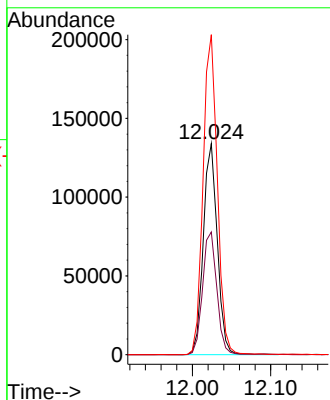
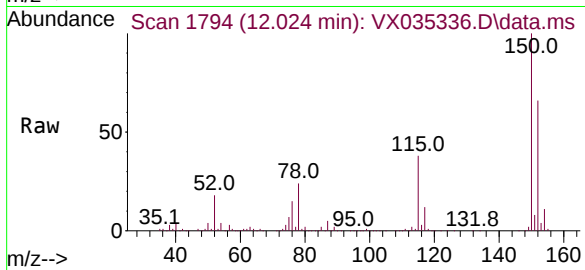




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035336.D
 Acq: 27 Apr 2023 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 33993

Tgt Ion:152 Resp: 165826
 Ion Ratio Lower Upper
 152 100
 115 59.3 45.0 135.0
 150 154.5 0.0 352.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.228 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX035336.D
 Acq: 27 Apr 2023 13:15

Tgt Ion:105 Resp: 2327
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.7 71.1

