

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038936.D
 Acq On : 18 Nov 2023 18:14
 Operator : JC/MD
 Sample : 05404-24 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20231109

Quant Time: Nov 20 04:38:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

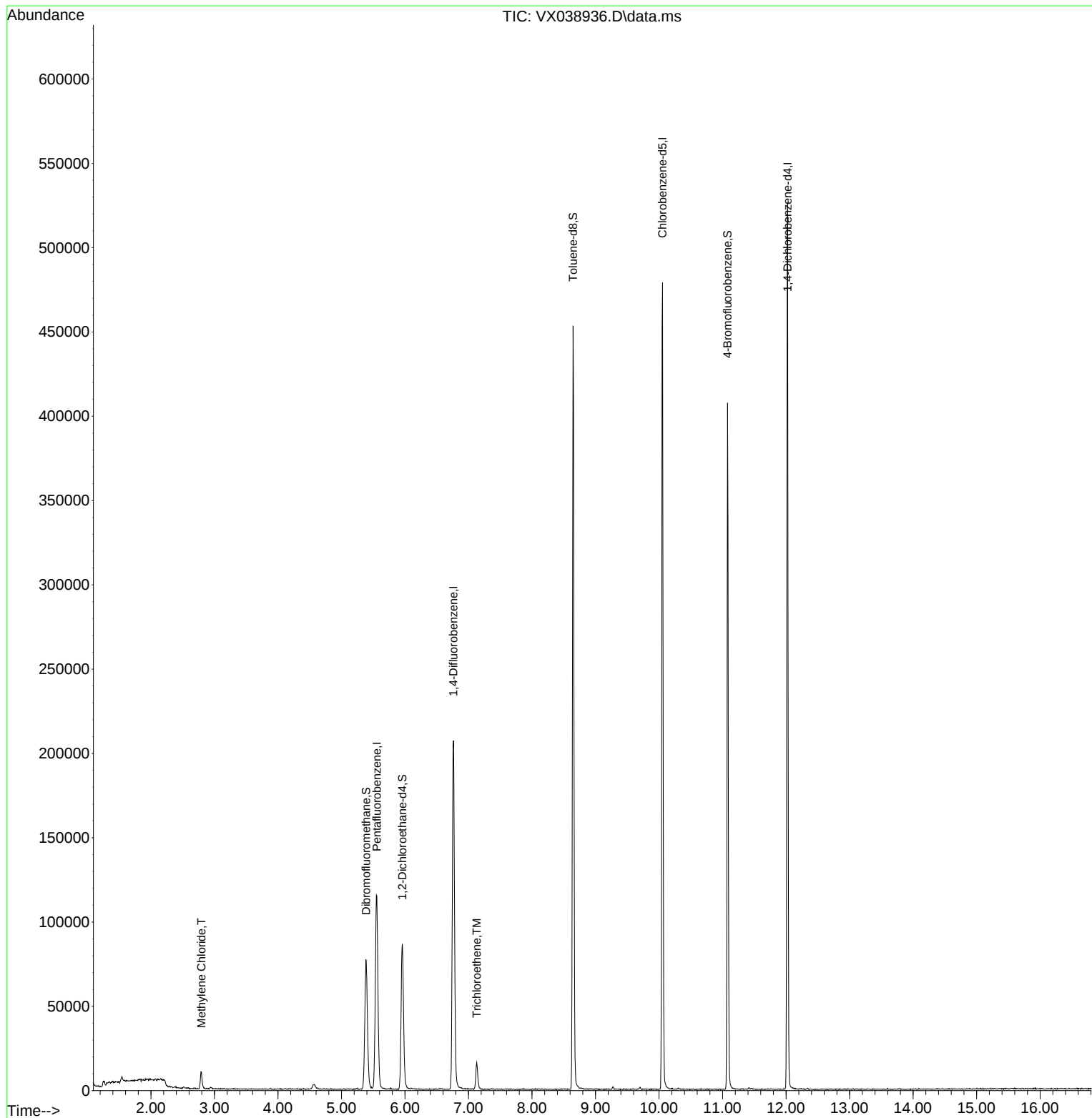
Internal Standards						
1) Pentafluorobenzene	5.556	168	102664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82583	49.921	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.840%
35) Dibromofluoromethane	5.385	113	67402	44.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.420%
50) Toluene-d8	8.647	98	263809	45.223	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.440%#
62) 4-Bromofluorobenzene	11.079	95	112414	48.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.280%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	4581	2.886	ug/l	91
44) Trichloroethene	7.129	130	5762	3.663	ug/l	93

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

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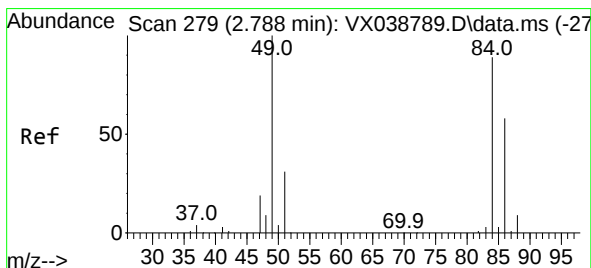
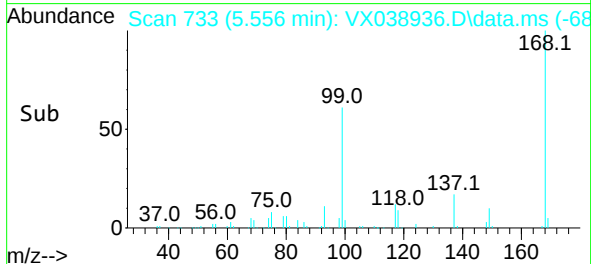
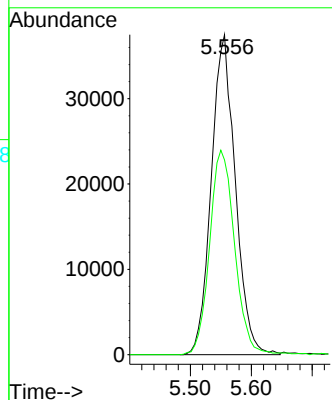
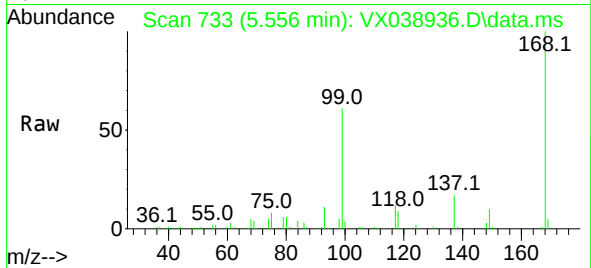




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

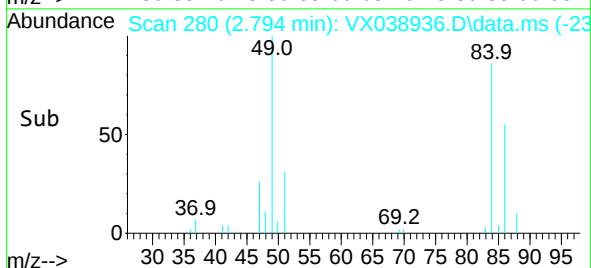
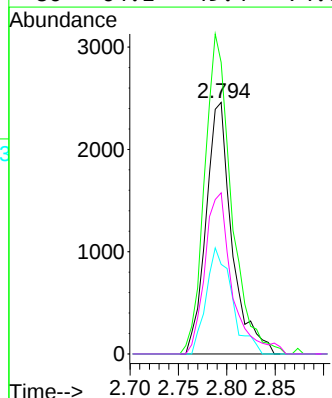
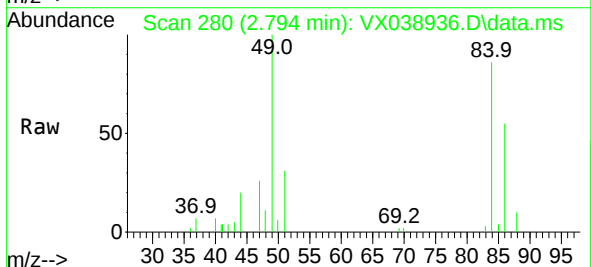
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20231109

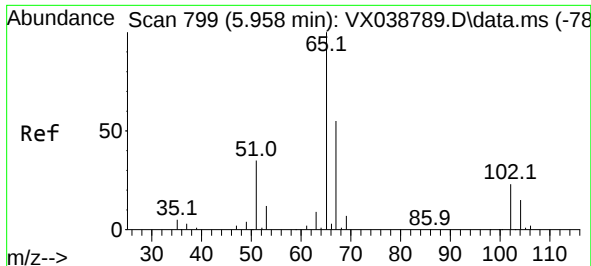
Tgt Ion:168 Resp: 102664
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#20
Methylene Chloride
Concen: 2.886 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Tgt Ion: 84 Resp: 4581
Ion Ratio Lower Upper
84 100
49 115.9 103.6 155.4
51 35.6 33.8 50.6
86 64.1 49.4 74.0

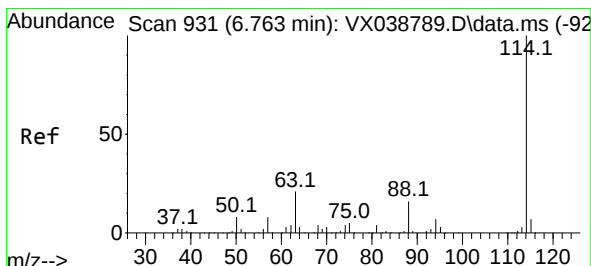
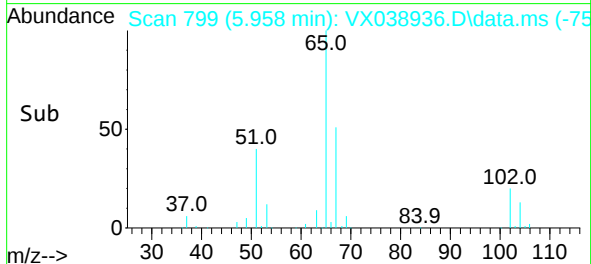
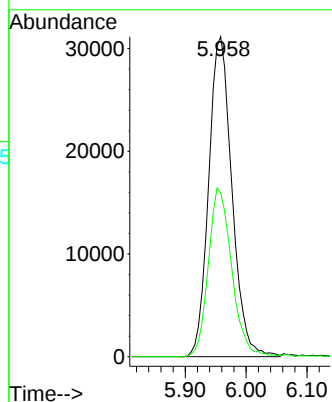
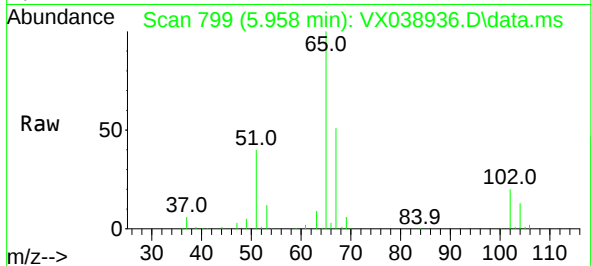




#33
 1,2-Dichloroethane-d4
 Concen: 49.921 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038936.D
 Acq: 18 Nov 2023 18:14

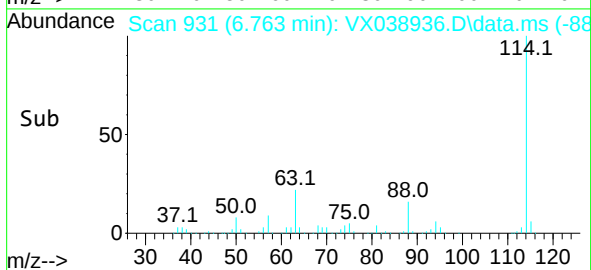
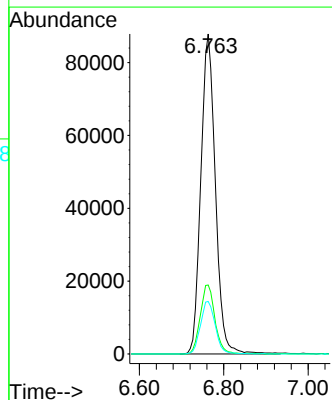
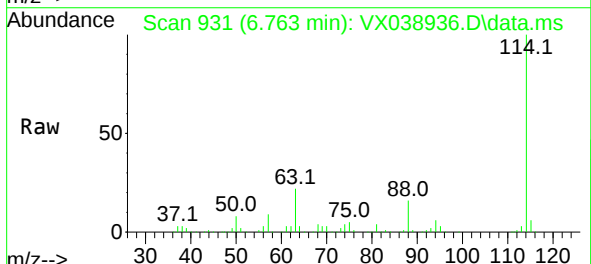
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20231109

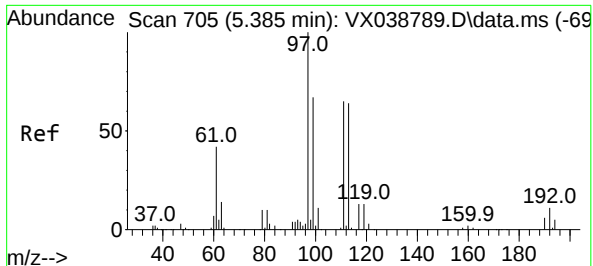
Tgt Ion: 65 Resp: 82583
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038936.D
 Acq: 18 Nov 2023 18:14

Tgt Ion: 114 Resp: 211111
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.207 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038936.D

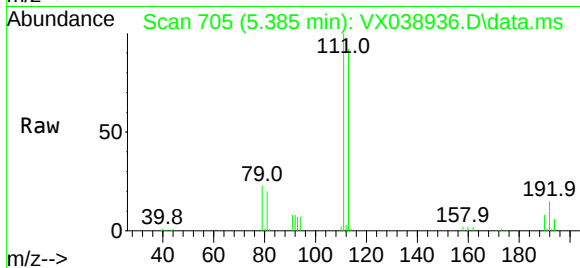
Acq: 18 Nov 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20231109



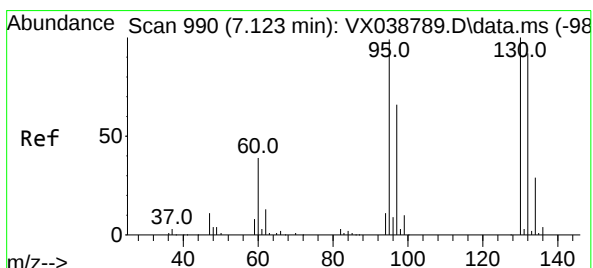
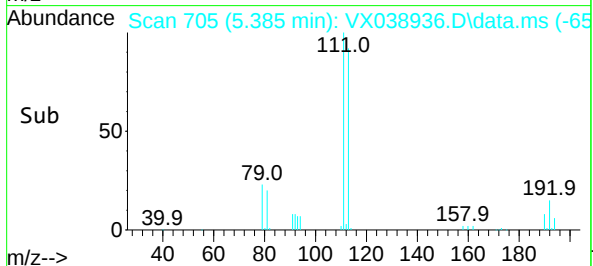
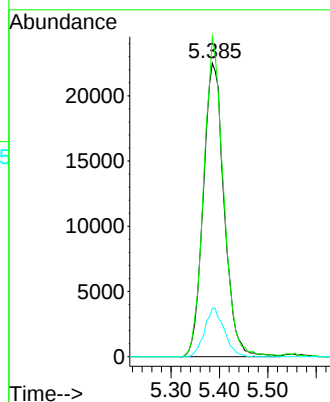
Tgt Ion:113 Resp: 67402

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 15.5 13.3 19.9



#44

Trichloroethene

Concen: 3.663 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX038936.D

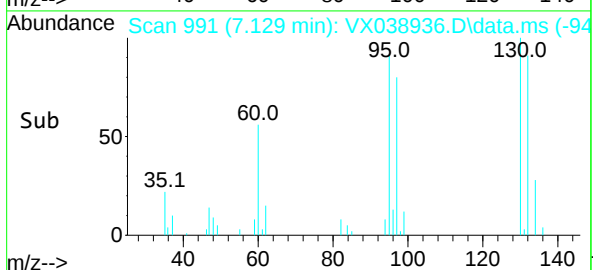
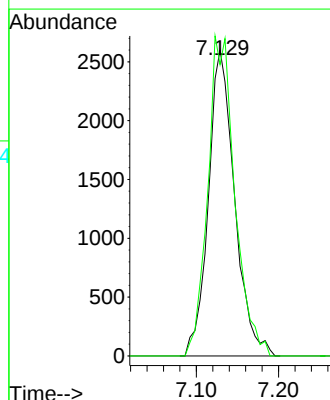
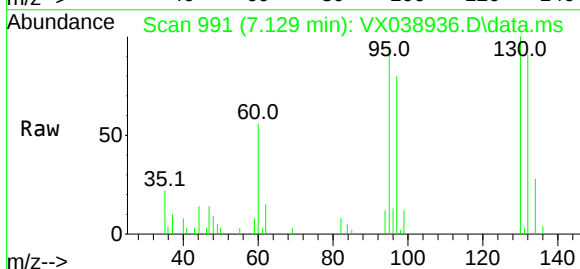
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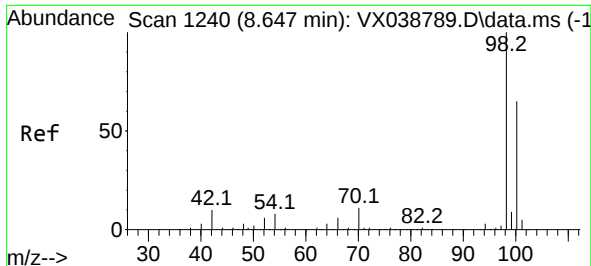
Tgt Ion:130 Resp: 5762

Ion Ratio Lower Upper

130 100

95 95.2 0.0 204.4

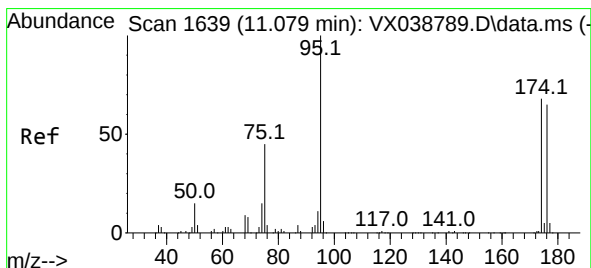
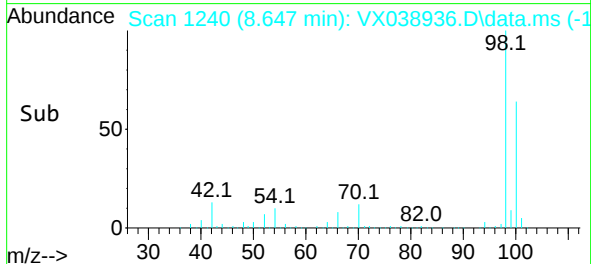
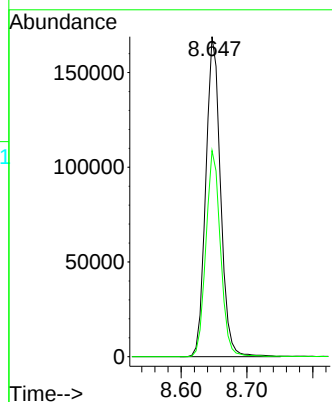
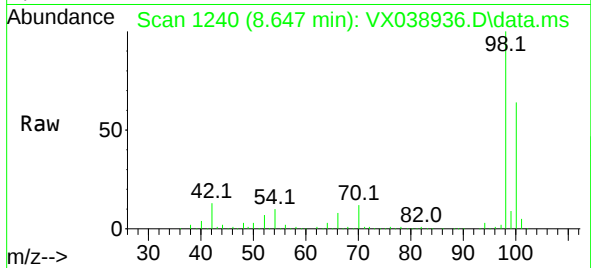




#50
Toluene-d8
Concen: 45.223 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

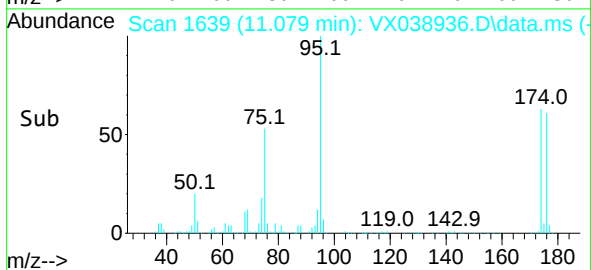
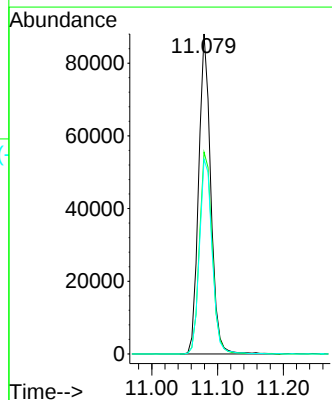
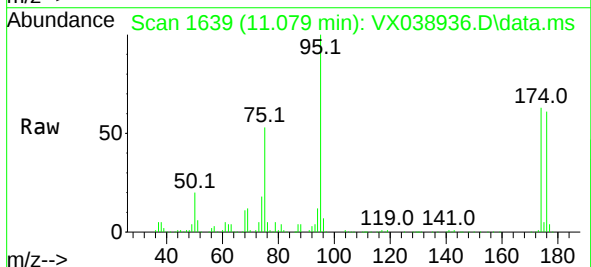
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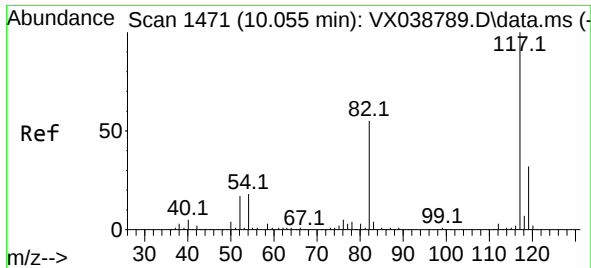
Tgt Ion: 98 Resp: 263809
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.139 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Tgt Ion: 95 Resp: 112414
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.6
176 63.8 0.0 131.0

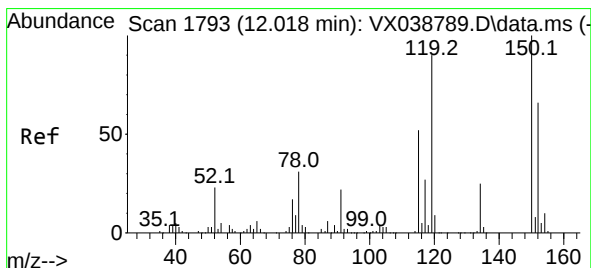
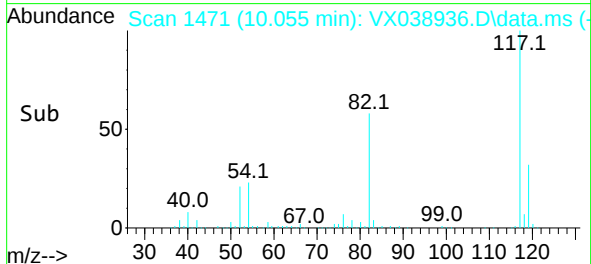
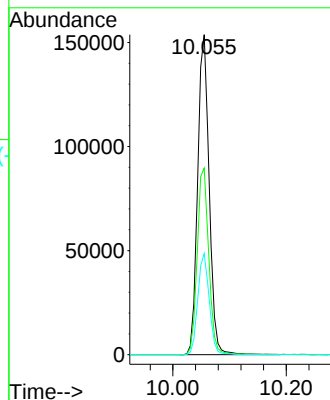
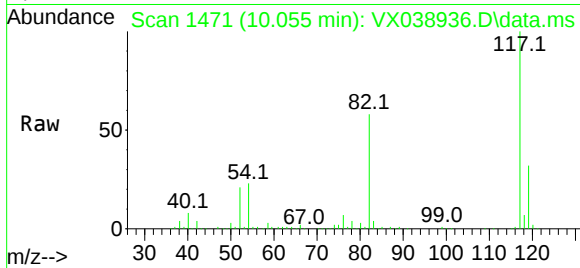




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20231109

Tgt Ion:117 Resp: 216173
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038936.D
Acq: 18 Nov 2023 18:14

Tgt Ion:152 Resp: 105444
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 158.3 0.0 345.0

