

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040377.D
 Acq On : 21 Feb 2024 13:34
 Operator : JC/MD
 Sample : P1520-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20240215

Quant Time: Feb 22 01:07:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

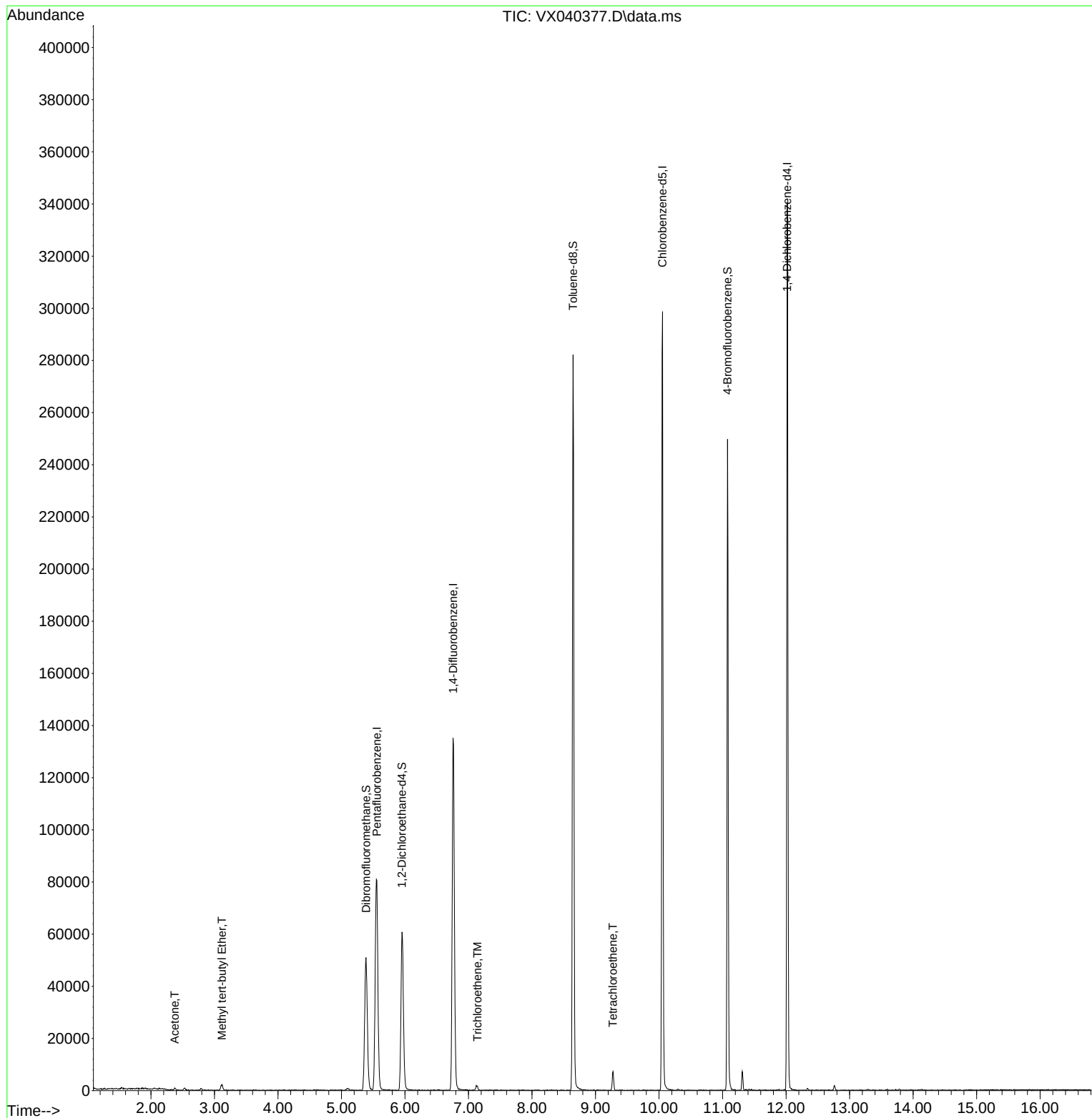
Internal Standards						
1) Pentafluorobenzene	5.556	168	75538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59705	53.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.260%
35) Dibromofluoromethane	5.385	113	43815	46.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	163574	46.394	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.780%
62) 4-Bromofluorobenzene	11.079	95	64646	44.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						
						Qvalue
16) Acetone	2.373	43	923	2.000	ug/l #	77
19) Methyl tert-butyl Ether	3.117	73	2497	0.919	ug/l	93
44) Trichloroethene	7.141	130	838	0.823	ug/l	51
64) Tetrachloroethene	9.275	164	356	0.392	ug/l #	76

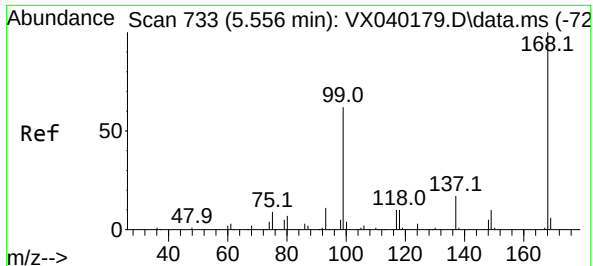
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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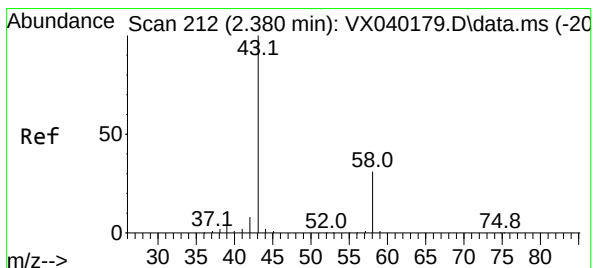
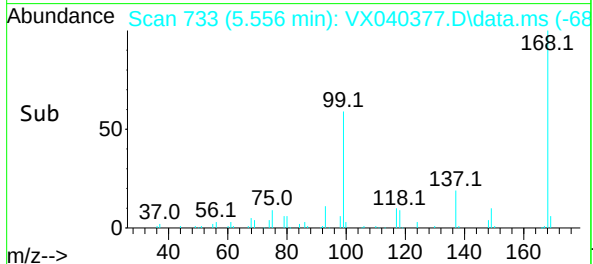
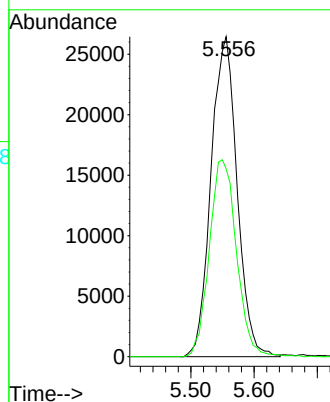
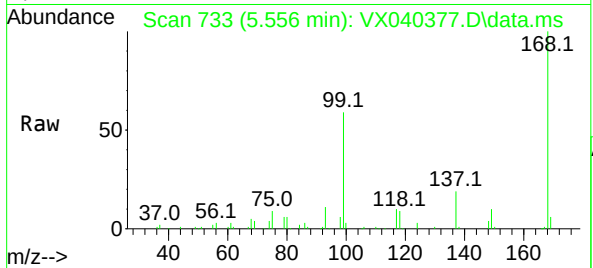




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

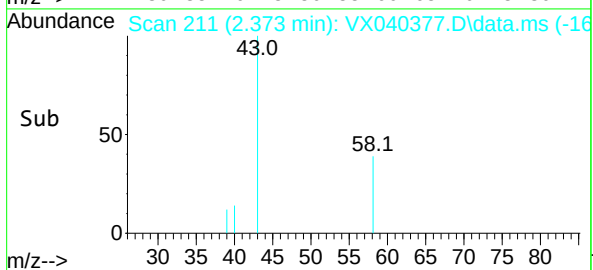
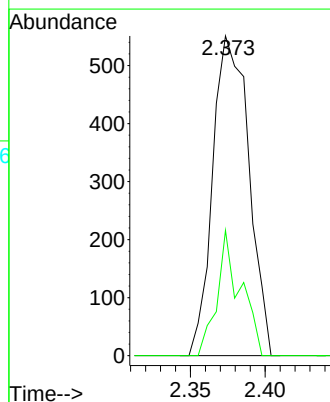
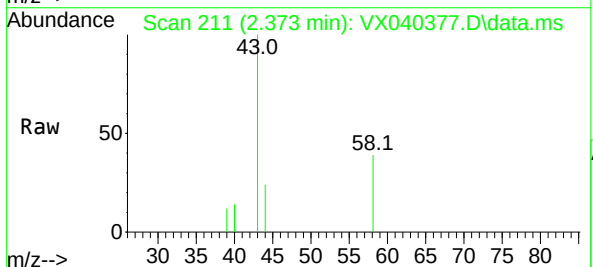
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

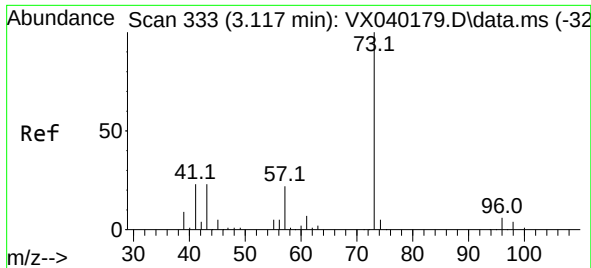
Tgt Ion:168 Resp: 75538
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#16
Acetone
Concen: 2.000 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 39.2 21.9 32.9#

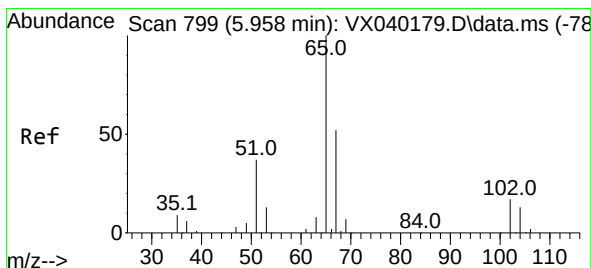
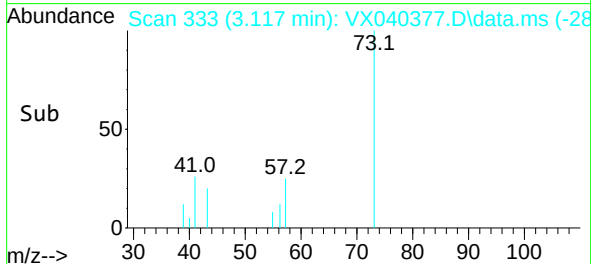
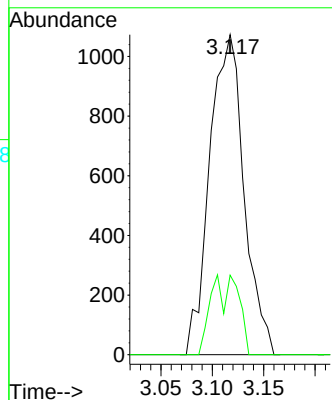
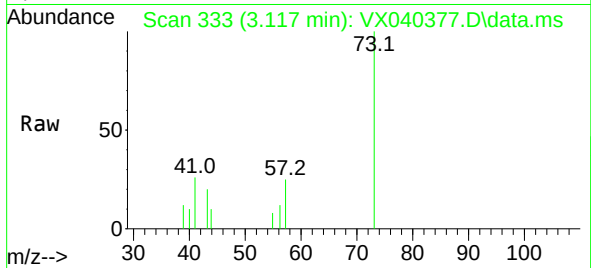




#19
Methyl tert-butyl Ether
Concen: 0.919 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

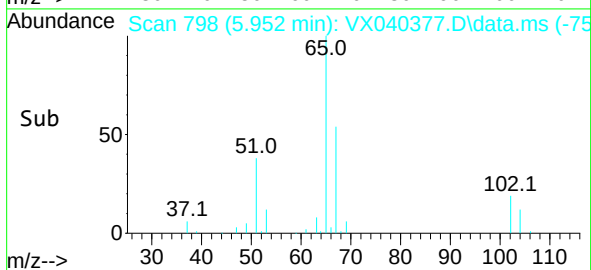
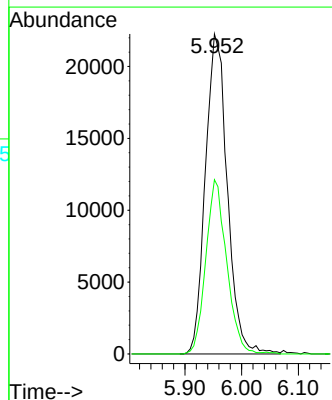
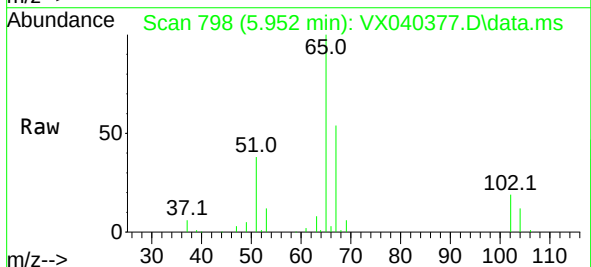
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

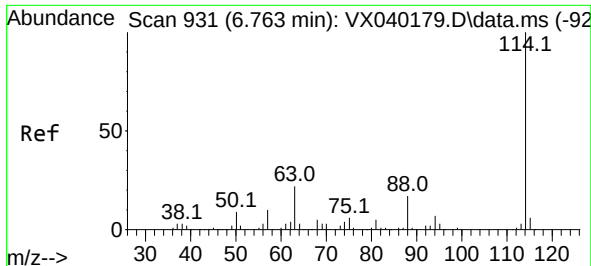
Tgt Ion: 73 Resp: 2497
Ion Ratio Lower Upper
73 100
57 24.9 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 53.129 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

Tgt Ion: 65 Resp: 59705
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

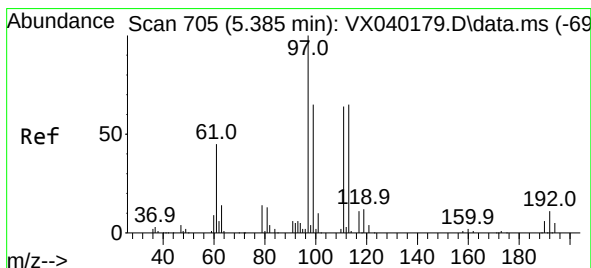
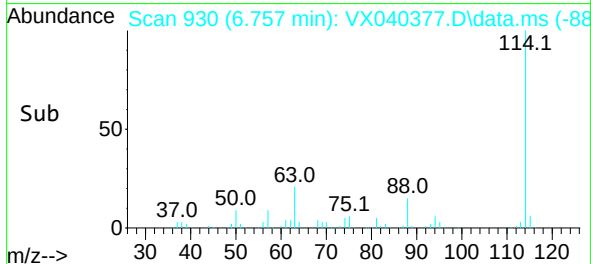
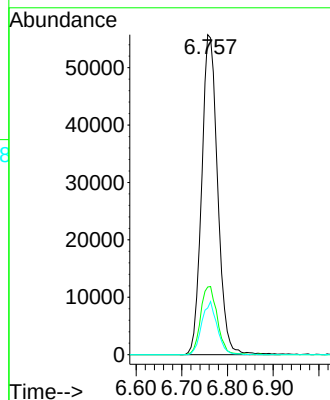
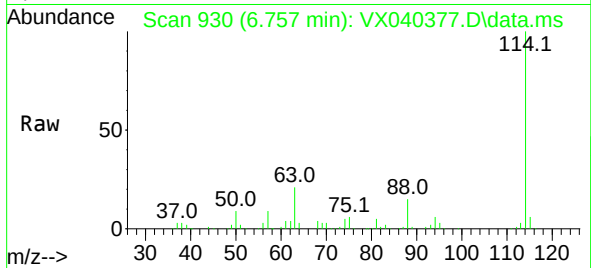




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

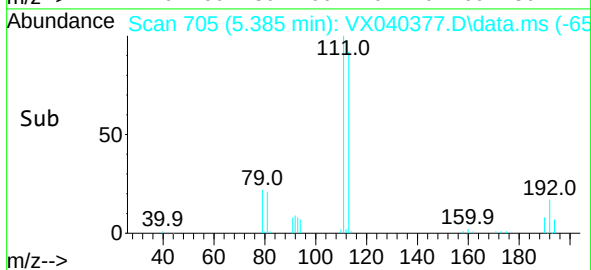
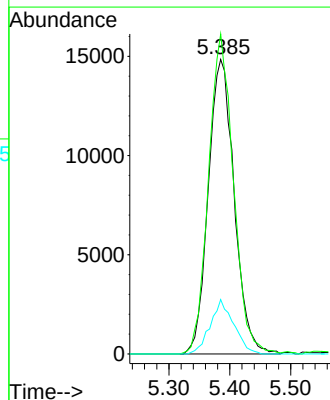
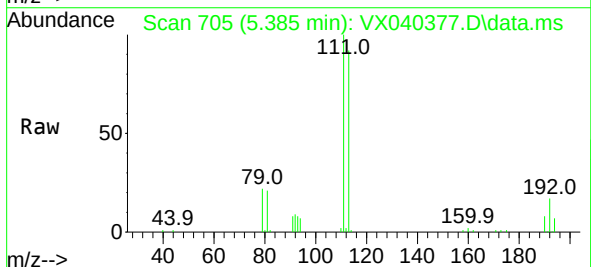
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

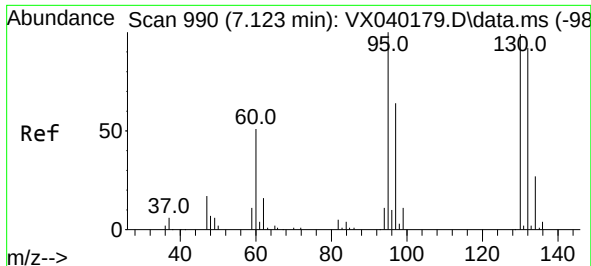
Tgt Ion:114 Resp: 134968
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.486 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

Tgt Ion:113 Resp: 43815
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 16.7 13.3 19.9

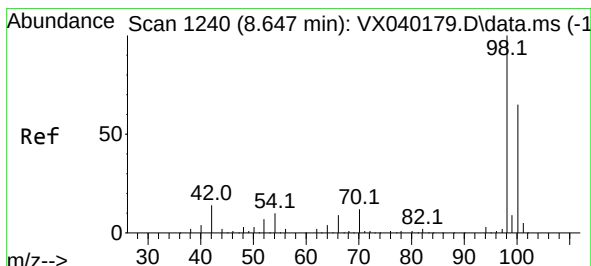
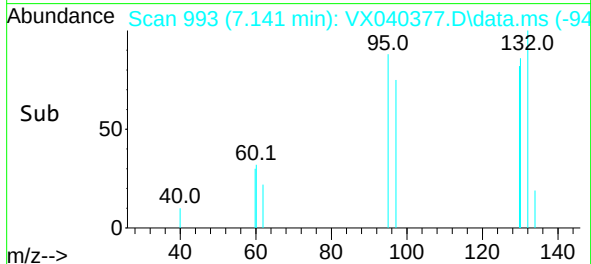
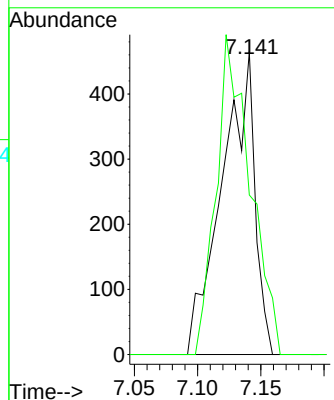
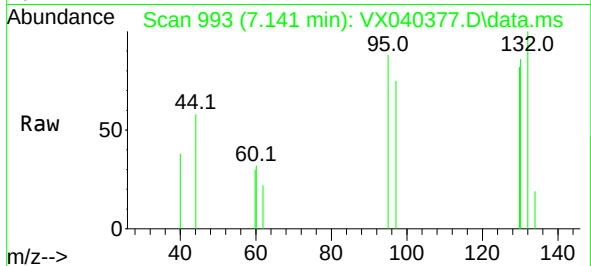




#44
Trichloroethene
Concen: 0.823 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

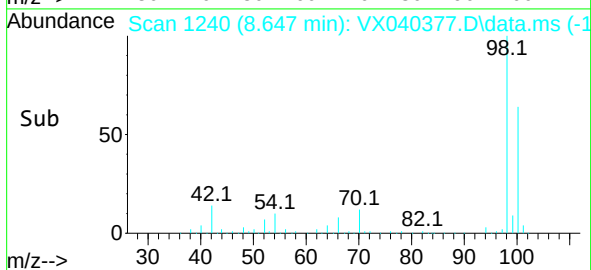
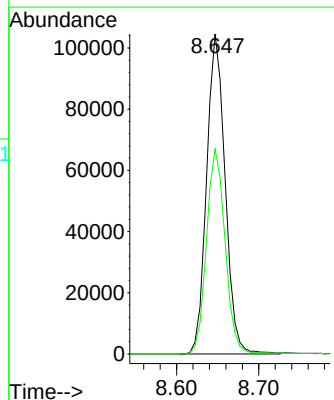
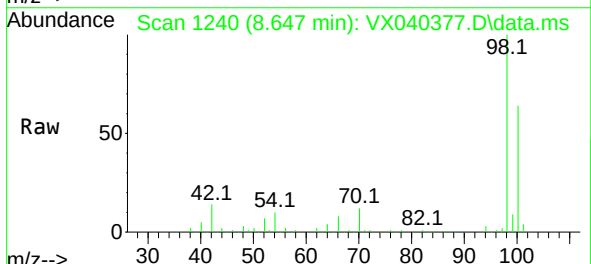
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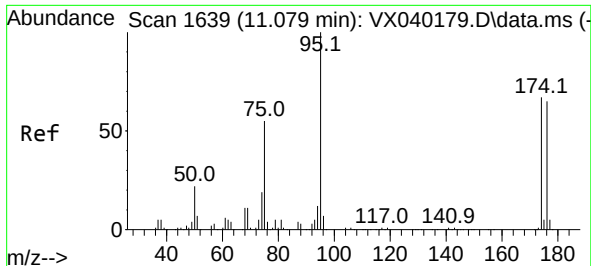
Tgt Ion:130 Resp: 838
Ion Ratio Lower Upper
130 100
95 52.7 0.0 204.4



#50
Toluene-d8
Concen: 46.394 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

Tgt Ion: 98 Resp: 163574
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

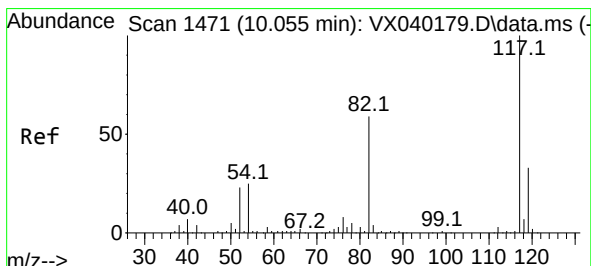
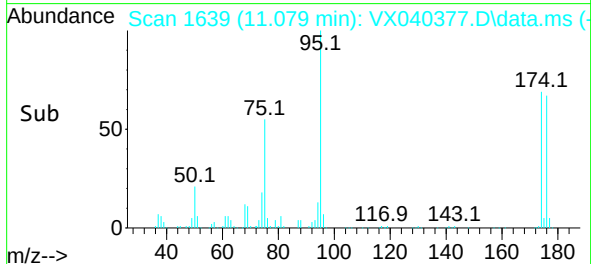
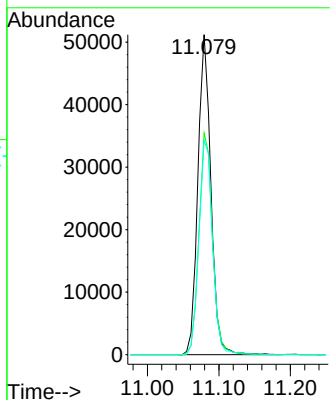
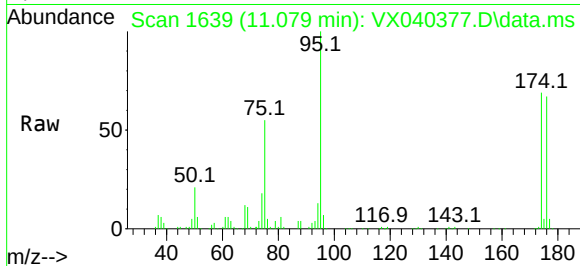




#62
4-Bromofluorobenzene
Concen: 44.957 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

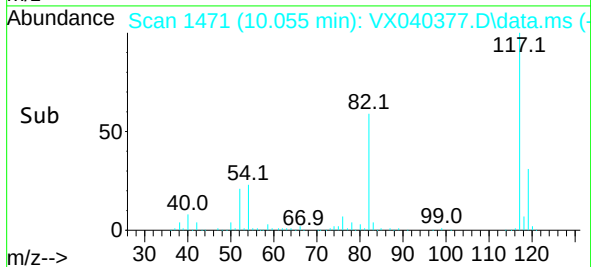
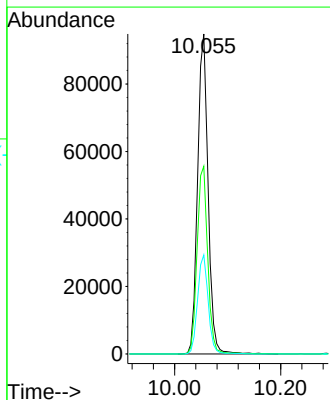
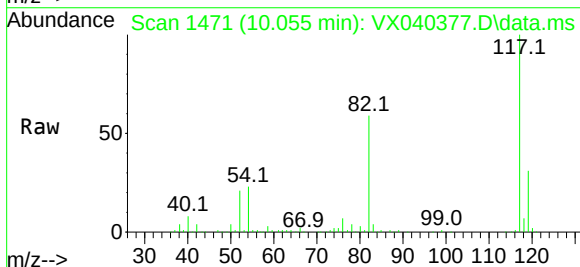
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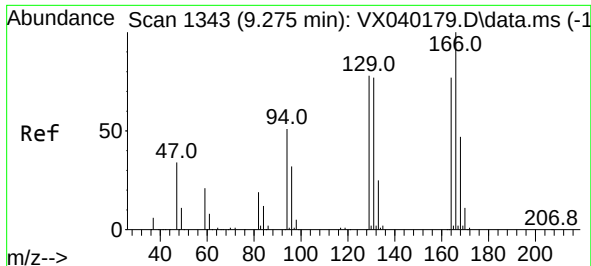
Tgt Ion: 95 Resp: 64646
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

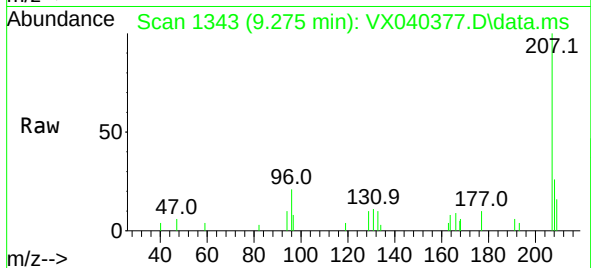
Tgt Ion: 117 Resp: 129729
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.0 25.5 38.3



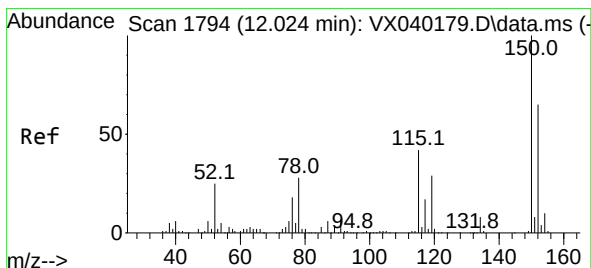
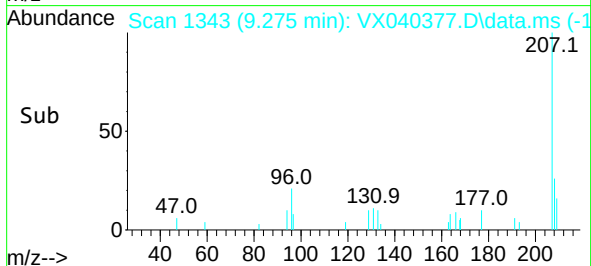
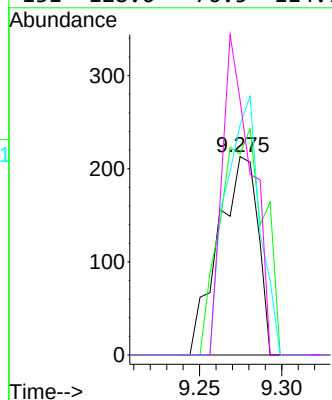


#64
Tetrachloroethene
Concen: 0.392 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

Instrument :
MSVOA_X
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Tgt Ion:164 Resp: 356
Ion Ratio Lower Upper
164 100
166 101.4 102.7 154.1#
129 116.0 80.4 120.6
131 128.6 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040377.D
Acq: 21 Feb 2024 13:34

Tgt Ion:152 Resp: 65859
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 156.3 0.0 345.0

