

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040367.D
 Acq On : 20 Feb 2024 19:13
 Operator : JC/MD
 Sample : P1520-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20240215

Quant Time: Feb 21 01:18:21 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)

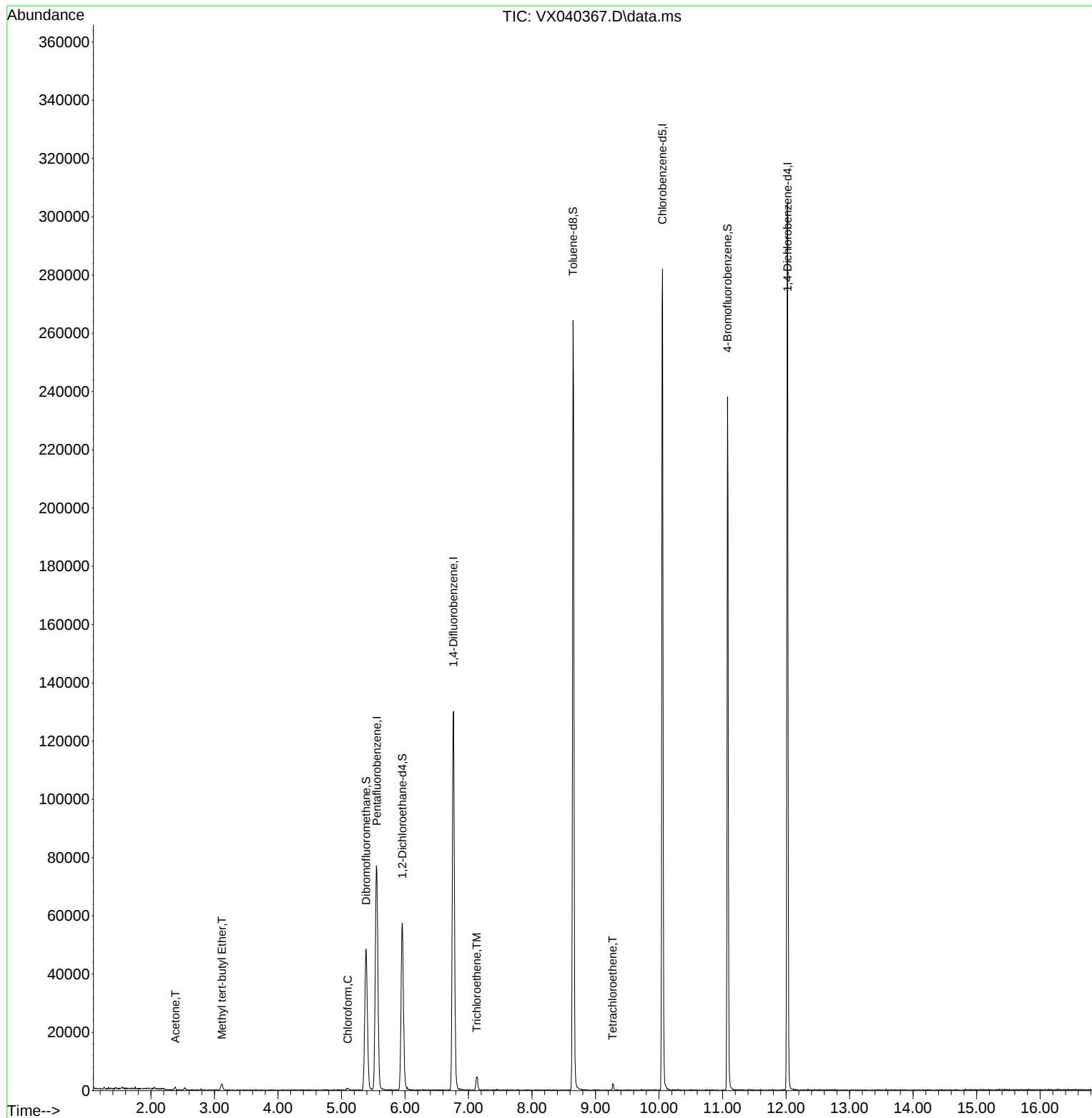
Internal Standards						
1) Pentafluorobenzene	5.556	168	70508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55642	53.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.100%
35) Dibromofluoromethane	5.385	113	40976	46.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	8.647	98	154577	47.189	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.380%
62) 4-Bromofluorobenzene	11.079	95	62140	46.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.020%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1060	2.460	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	2147	0.847	ug/l	97
30) Chloroform	5.099	83	759	0.476	ug/l	97
44) Trichloroethene	7.129	130	1752	1.852	ug/l	98
64) Tetrachloroethene	9.268	164	507	0.592	ug/l #	58

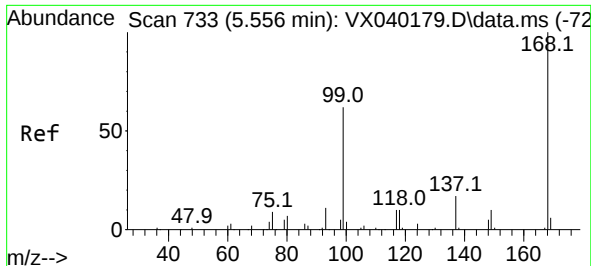
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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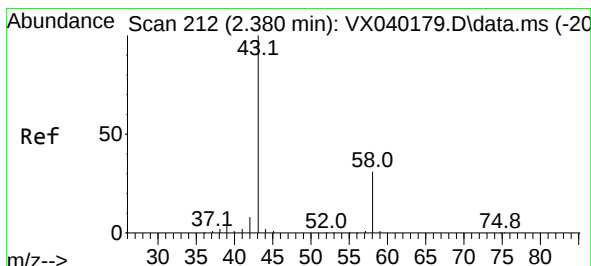
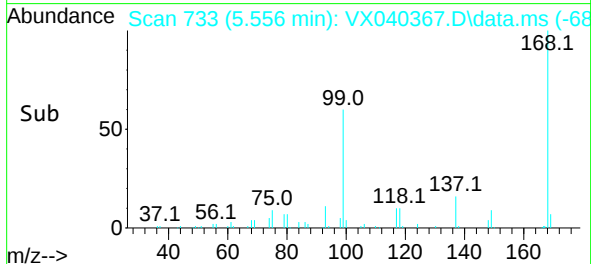
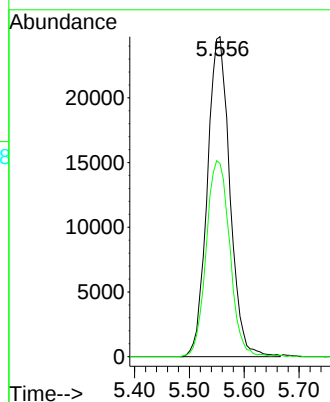
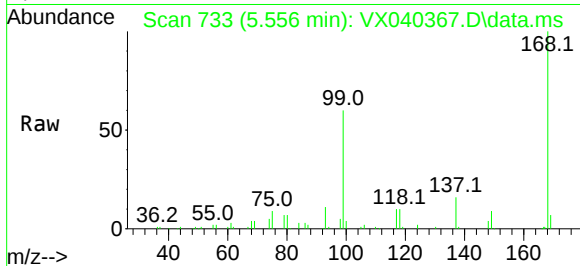




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

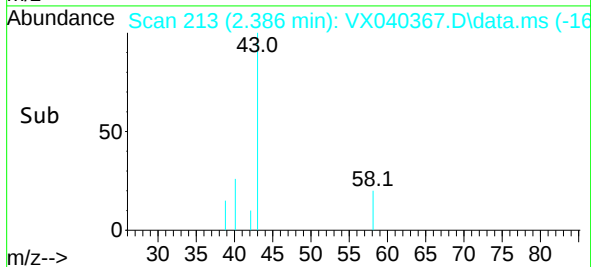
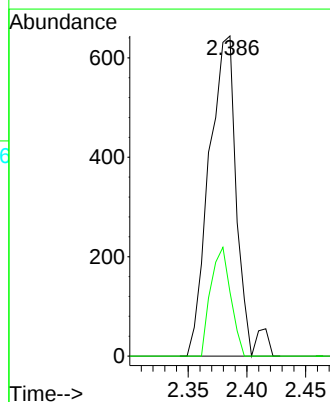
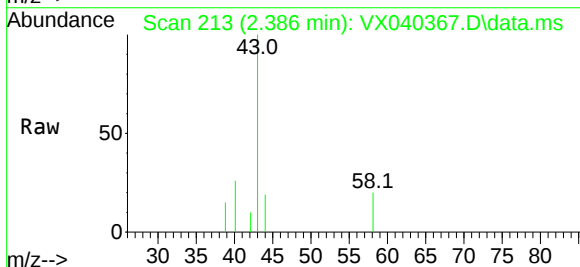
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

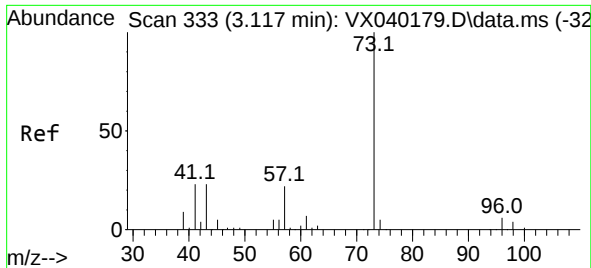
Tgt Ion:168 Resp: 70508
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#16
Acetone
Concen: 2.460 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 20.0 21.9 32.9

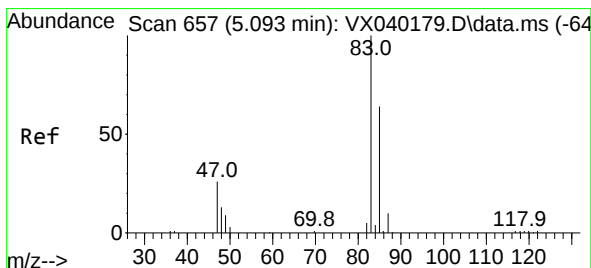
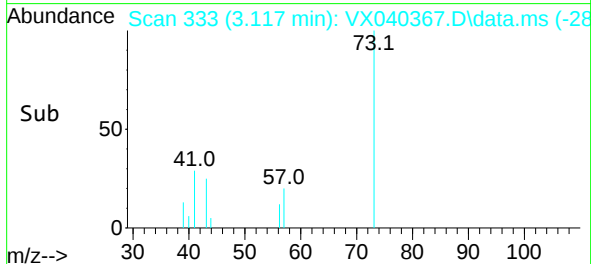
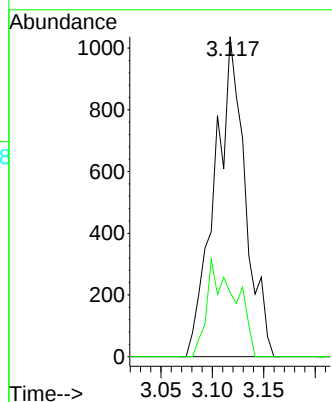
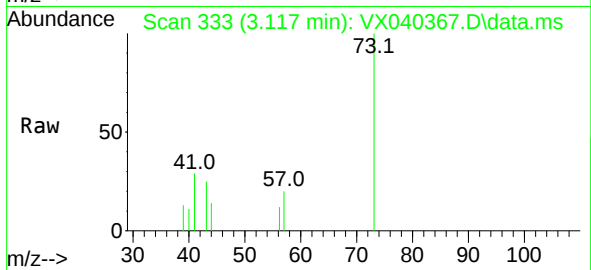




#19
Methyl tert-butyl Ether
Concen: 0.847 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

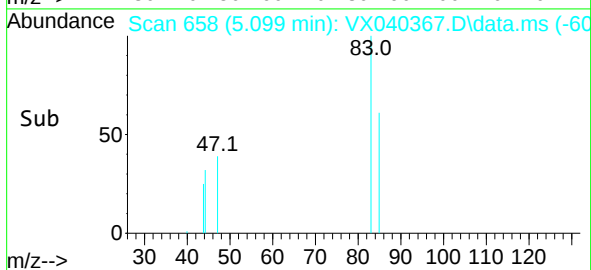
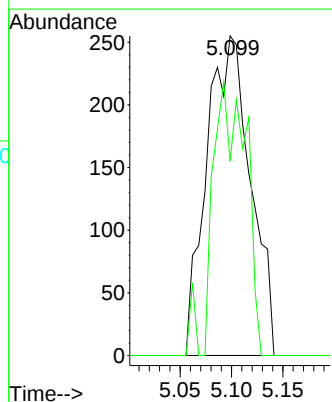
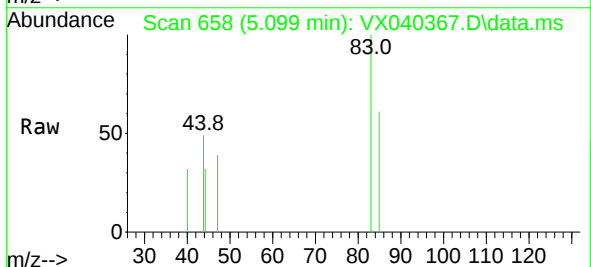
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

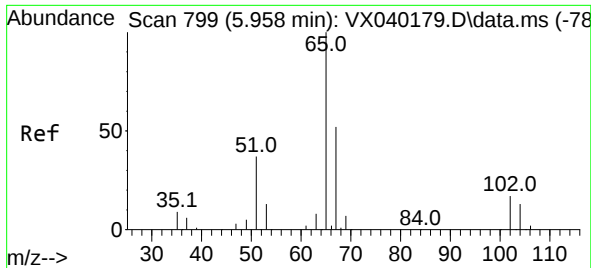
Tgt Ion: 73 Resp: 2147
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#30
Chloroform
Concen: 0.476 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion: 83 Resp: 759
Ion Ratio Lower Upper
83 100
85 60.8 50.3 75.5

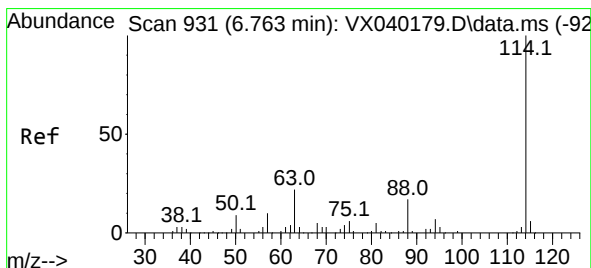
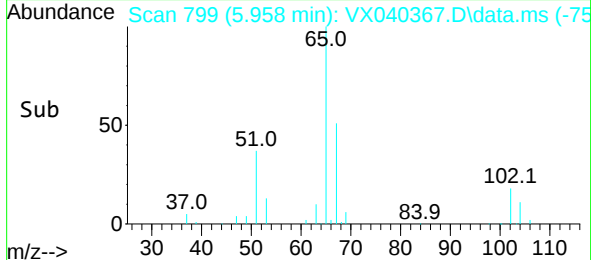
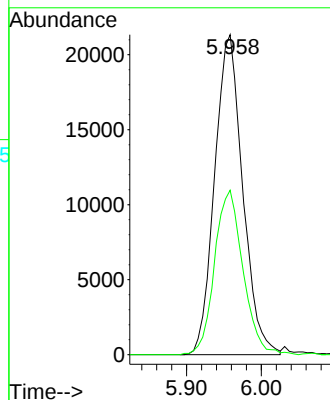
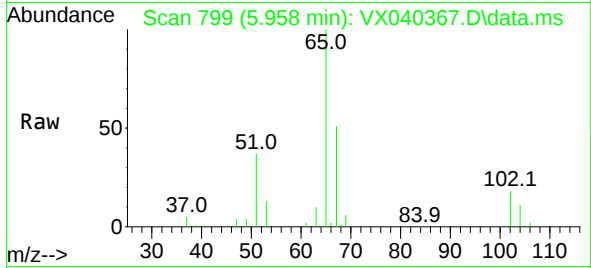




#33
 1,2-Dichloroethane-d4
 Concen: 53.045 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040367.D
 Acq: 20 Feb 2024 19:13

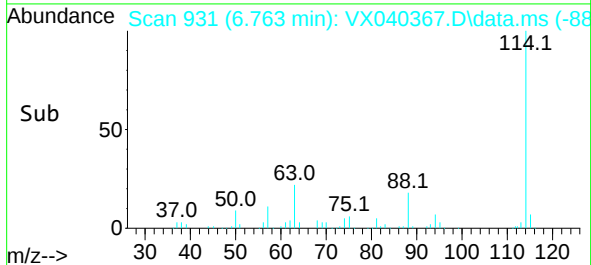
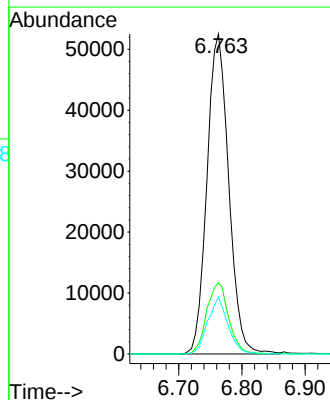
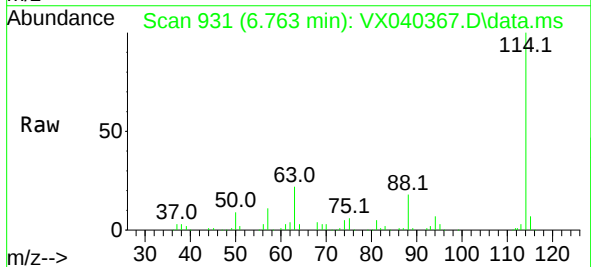
Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20240215

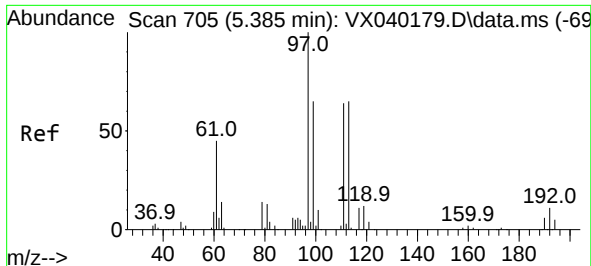
Tgt Ion: 65 Resp: 55642
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX040367.D
 Acq: 20 Feb 2024 19:13

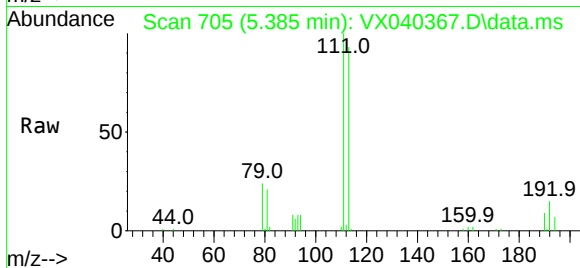
Tgt Ion: 114 Resp: 125395
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 17.8 0.0 36.6



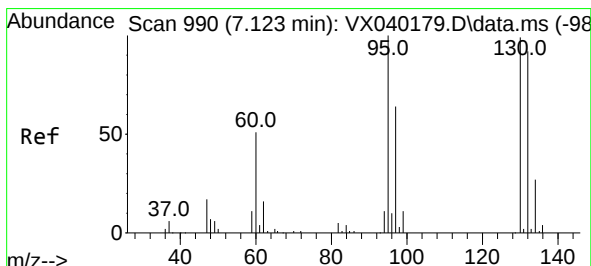
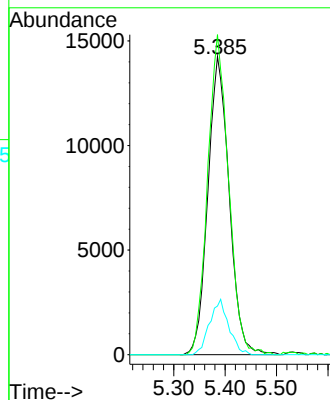
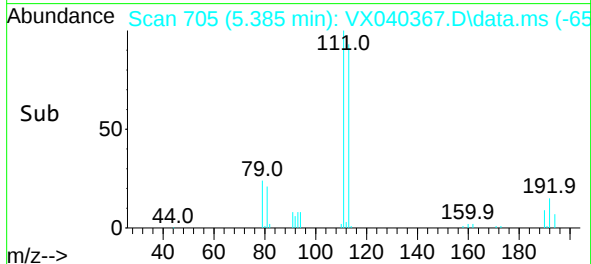


#35
Dibromofluoromethane
Concen: 46.793 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

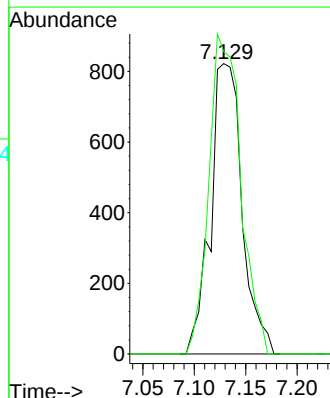
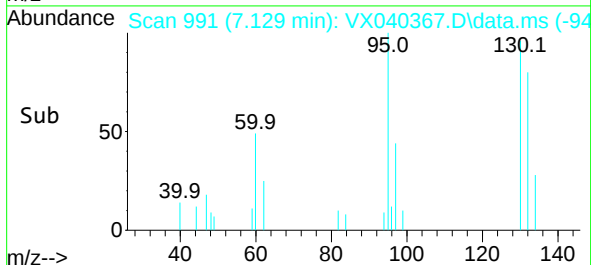
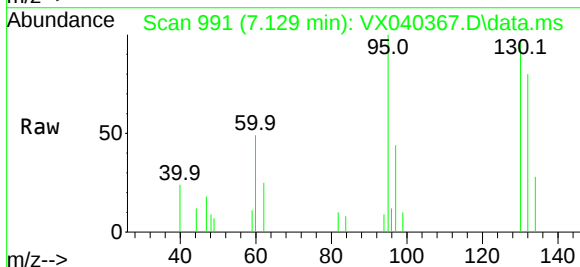


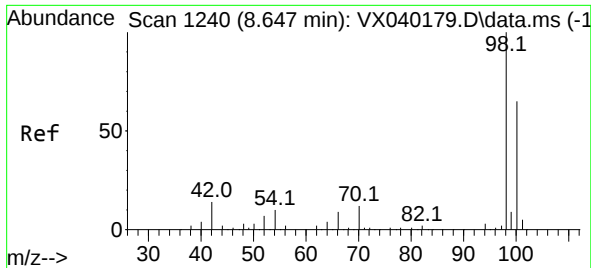
Tgt Ion:113 Resp: 40976
Ion Ratio Lower Upper
113 100
111 106.0 82.9 124.3
192 16.8 13.3 19.9



#44
Trichloroethene
Concen: 1.852 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion:130 Resp: 1752
Ion Ratio Lower Upper
130 100
95 104.1 0.0 204.4

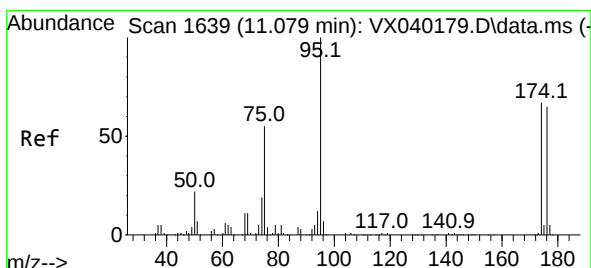
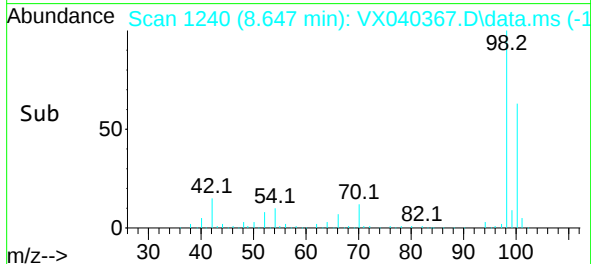
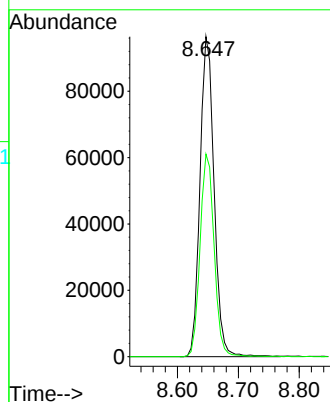
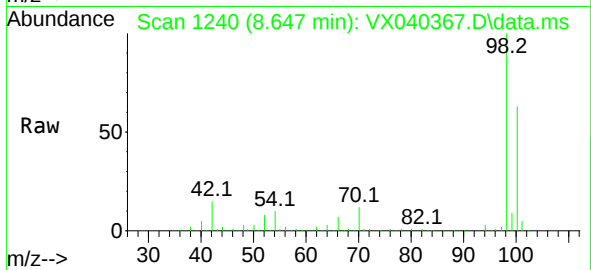




#50
Toluene-d8
Concen: 47.189 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

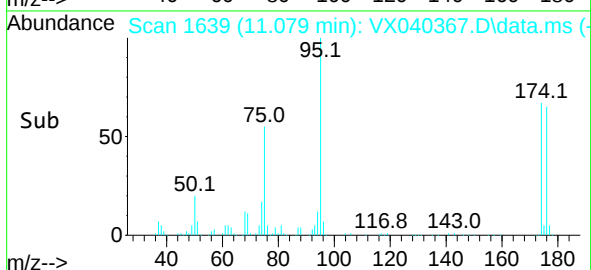
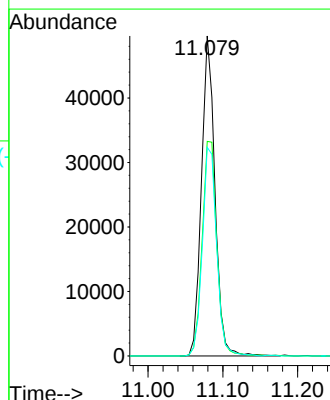
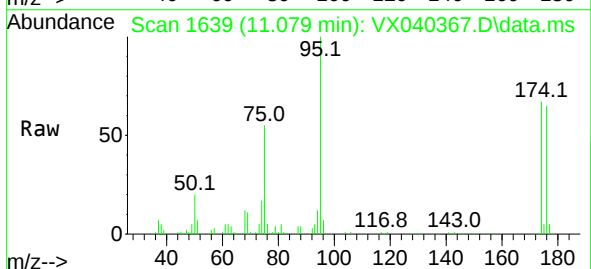
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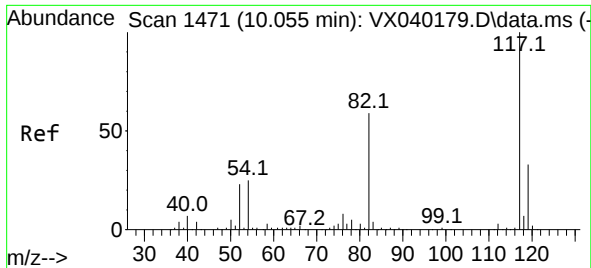
Tgt Ion: 98 Resp: 154577
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion: 95 Resp: 62140
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 69.1 0.0 131.0

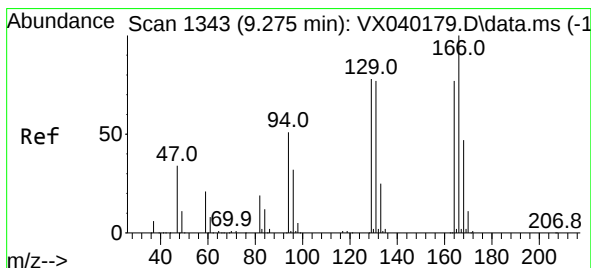
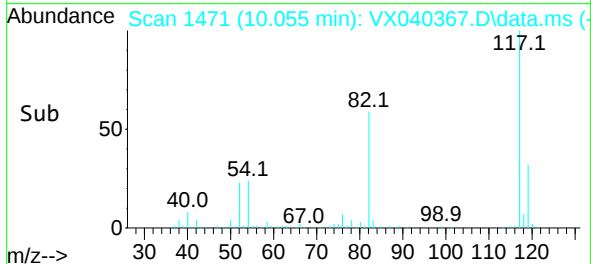
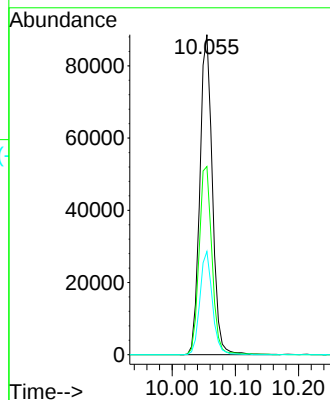
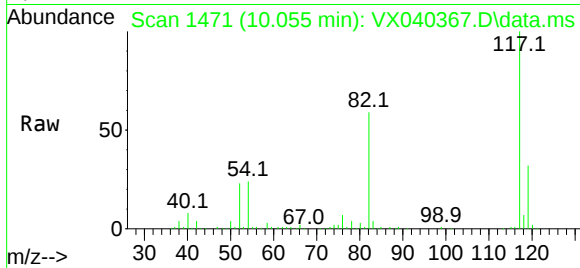




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

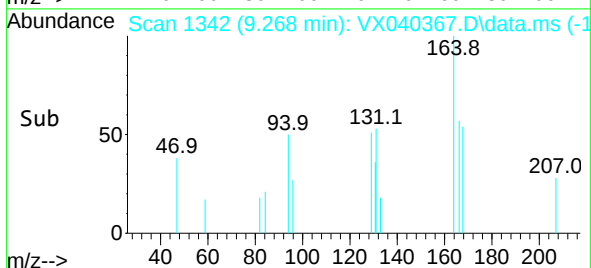
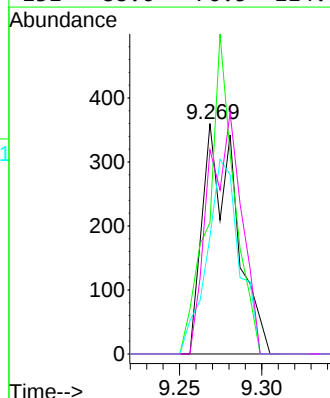
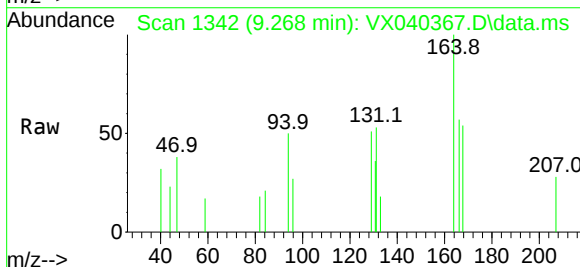
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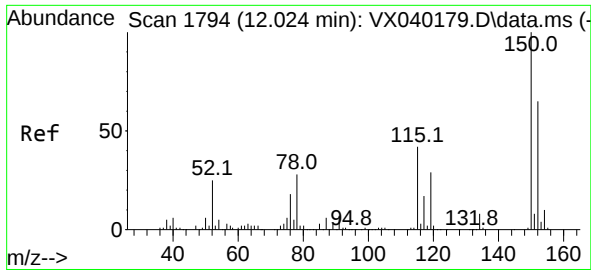
Tgt Ion:	117	Resp:	122258
Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.2	69.4
119	32.3	25.5	38.3



#64
Tetrachloroethene
Concen: 0.592 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

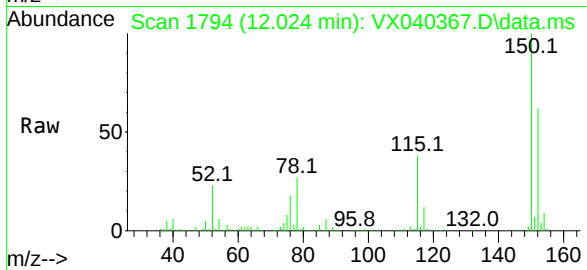
Tgt Ion:	164	Resp:	507
Ion	Ratio	Lower	Upper
164	100		
166	56.9	102.7	154.1#
129	50.8	80.4	120.6#
131	88.6	76.5	114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040367.D
 Acq: 20 Feb 2024 19:13

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 62528
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.3 129.9
 150 156.3 0.0 345.0

