

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040467.D
 Acq On : 26 Feb 2024 17:48
 Operator : JC/MD
 Sample : P1578-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20240222

Quant Time: Feb 27 05:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

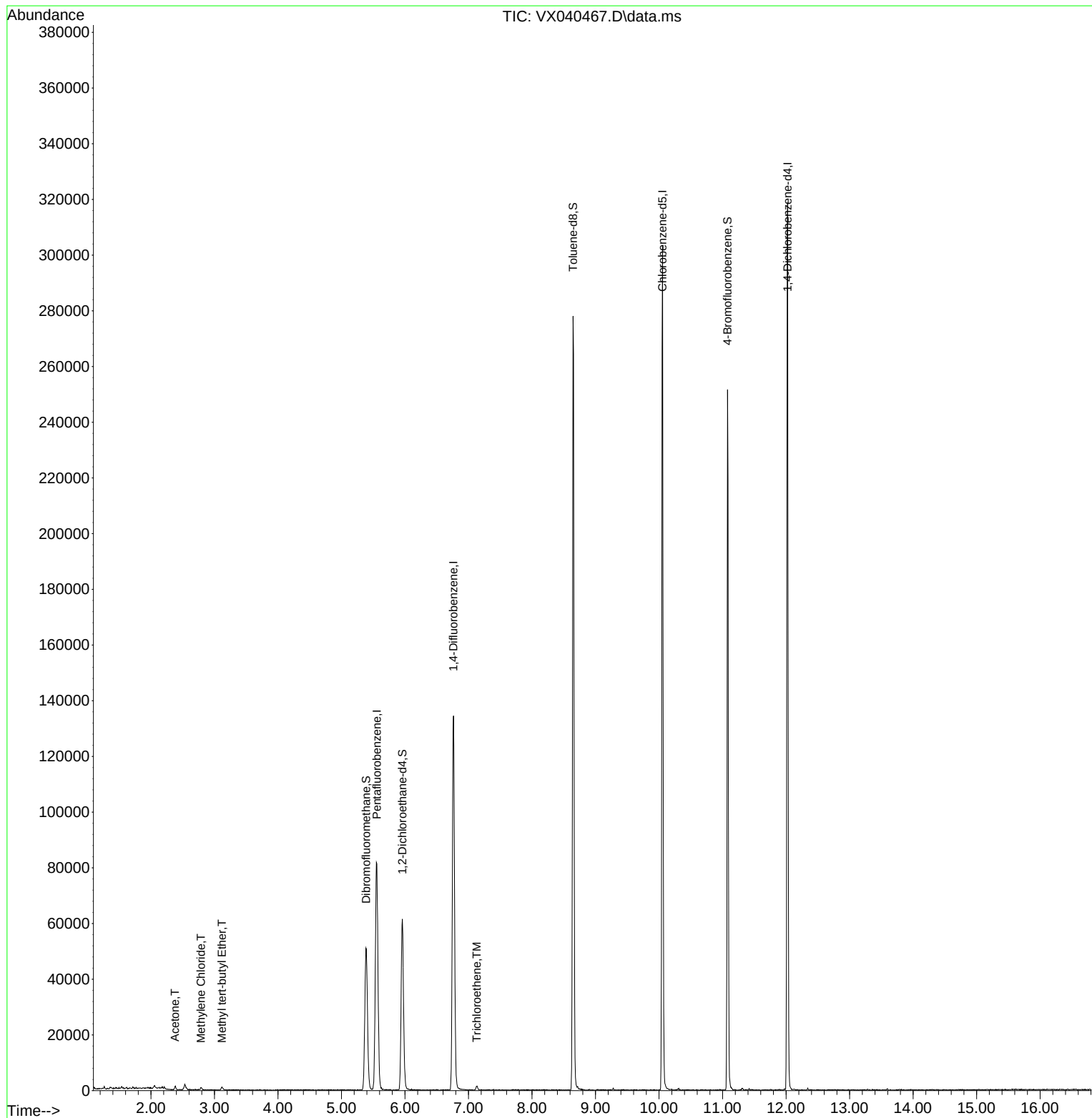
Internal Standards						
1) Pentafluorobenzene	5.556	168	73344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59796	48.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.480%
35) Dibromofluoromethane	5.385	113	43471	48.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.647	98	158605	48.874	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	63911	51.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.320%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1275	3.187	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	1124	0.394	ug/l	93
20) Methylene Chloride	2.788	84	390	0.407	ug/l #	89
44) Trichloroethene	7.129	130	539	0.537	ug/l	65

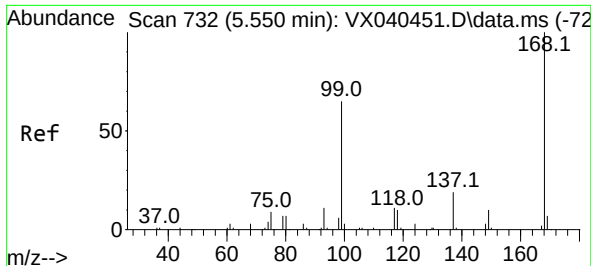
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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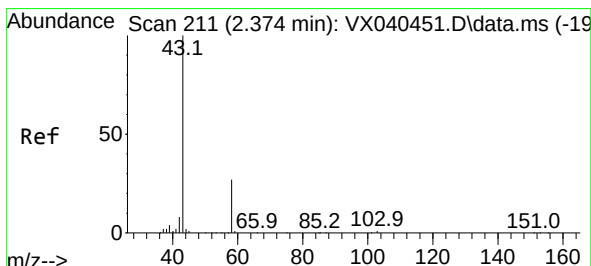
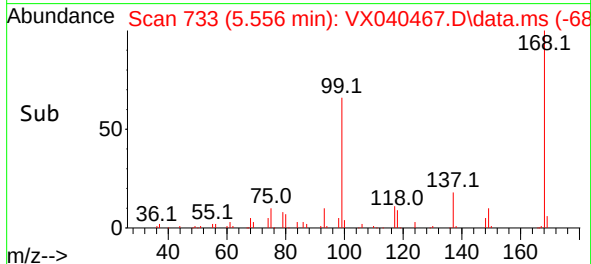
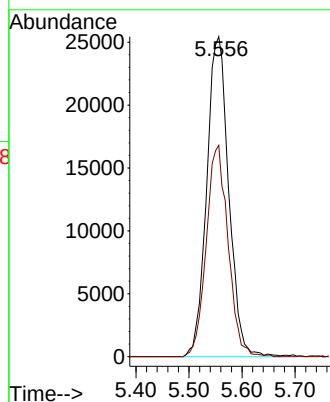
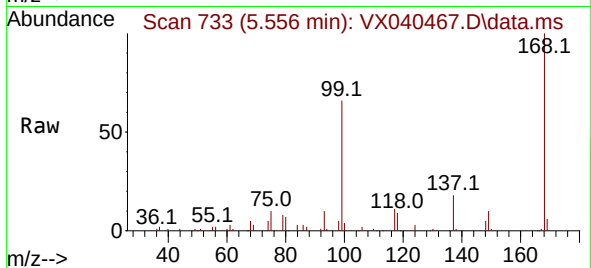




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

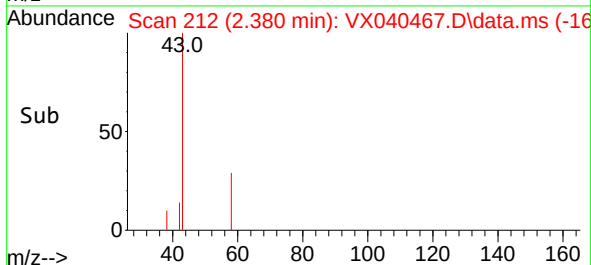
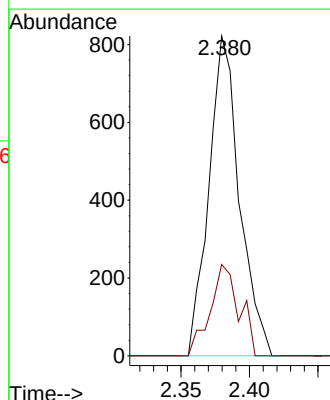
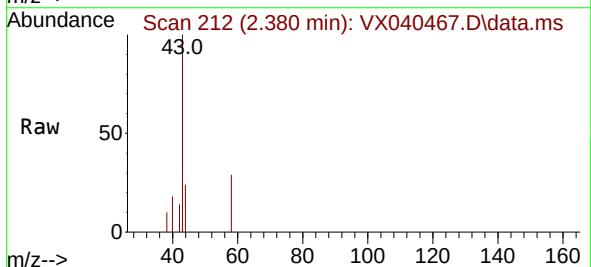
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

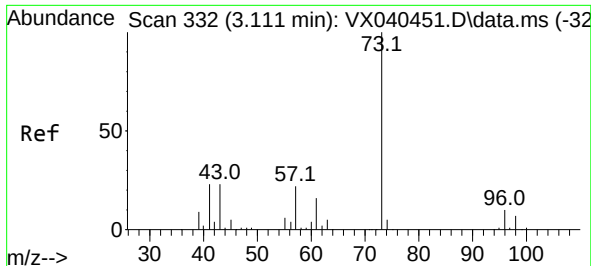
Tgt Ion:168 Resp: 73344
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0



#16
Acetone
Concen: 3.187 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9

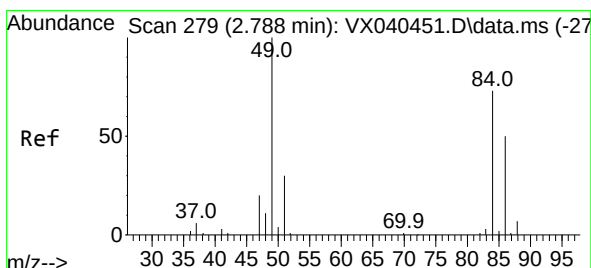
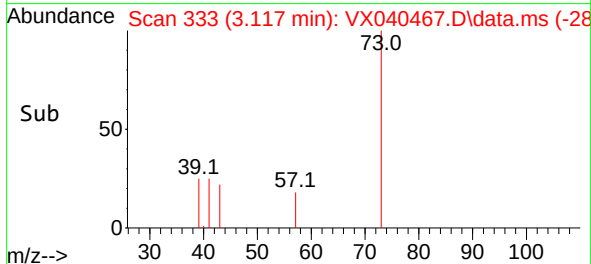
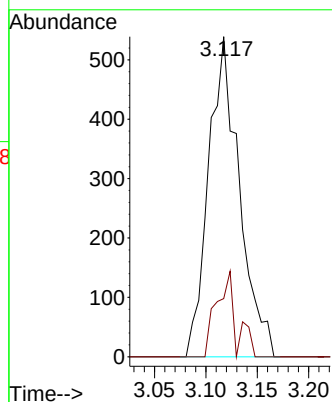
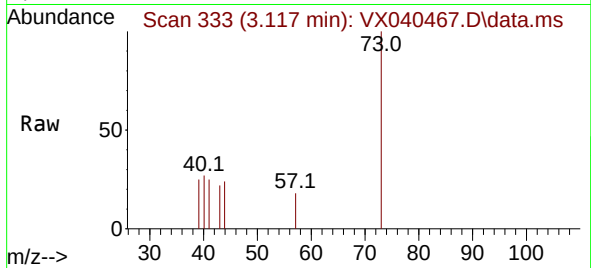




#19
Methyl tert-butyl Ether
Concen: 0.394 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

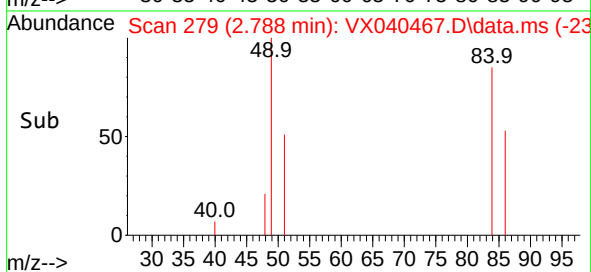
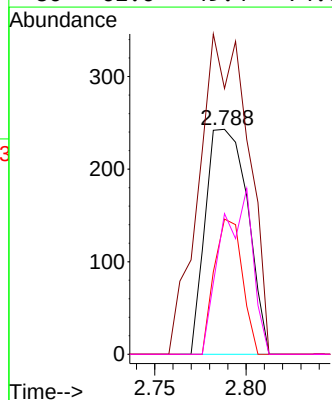
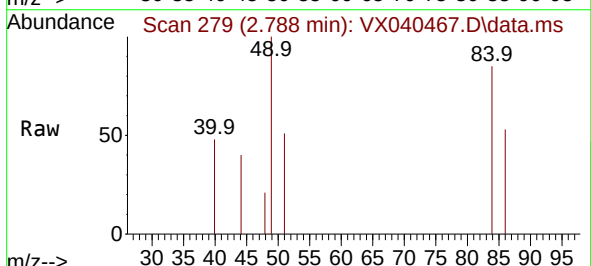
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

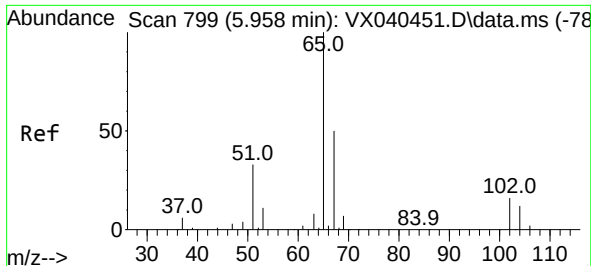
Tgt Ion: 73 Resp: 1124
Ion Ratio Lower Upper
73 100
57 18.2 17.3 25.9



#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 84 Resp: 390
Ion Ratio Lower Upper
84 100
49 118.1 103.6 155.4
51 60.1 33.8 50.6#
86 62.6 49.4 74.0

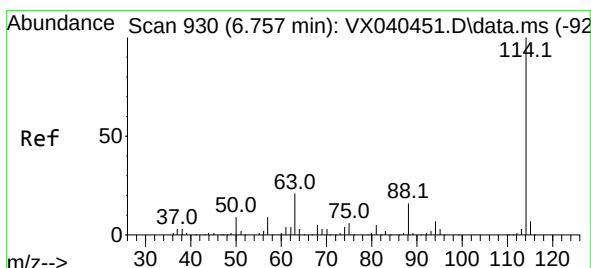
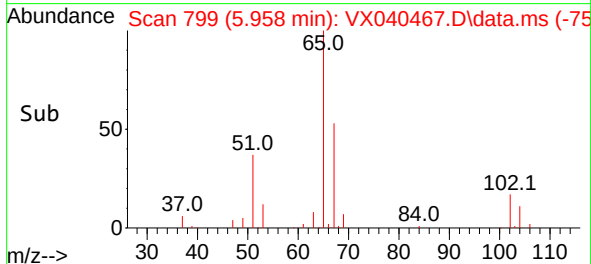
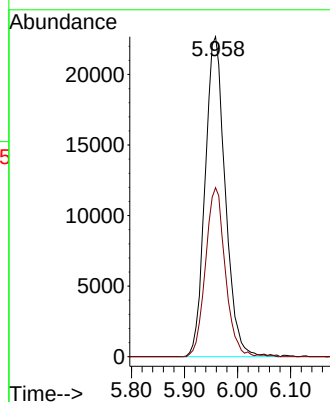
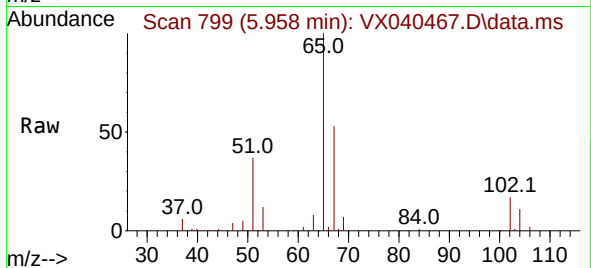




#33
 1,2-Dichloroethane-d4
 Concen: 48.744 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040467.D
 Acq: 26 Feb 2024 17:48

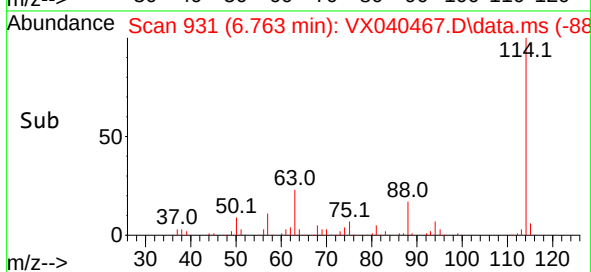
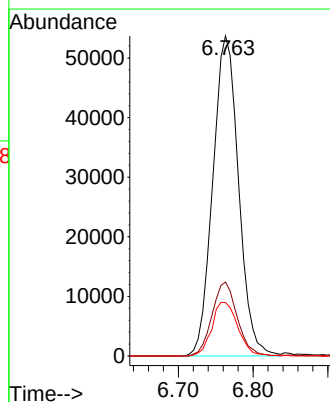
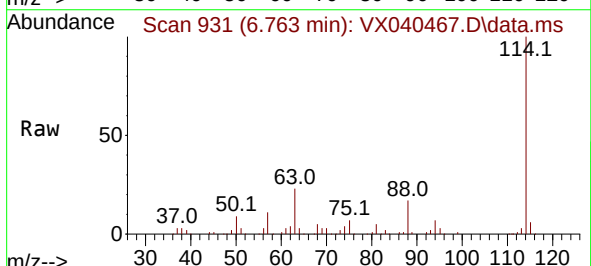
Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20240222

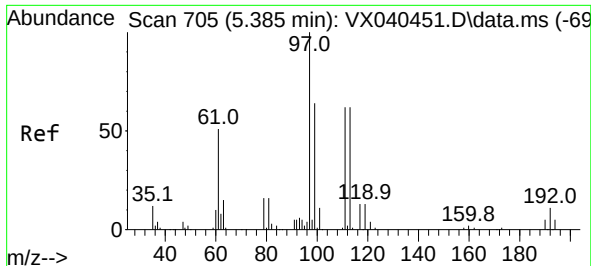
Tgt Ion: 65 Resp: 59796
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040467.D
 Acq: 26 Feb 2024 17:48

Tgt Ion: 114 Resp: 128564
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 16.7 0.0 36.6

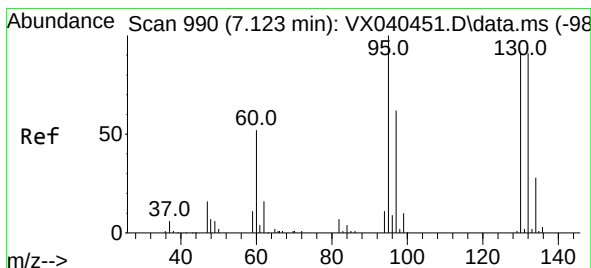
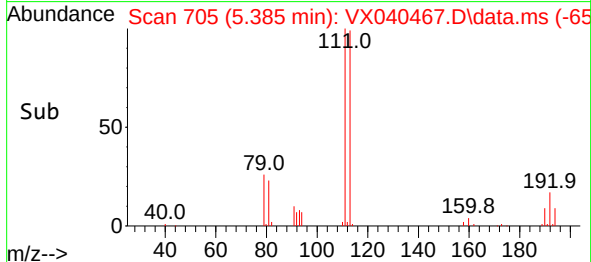
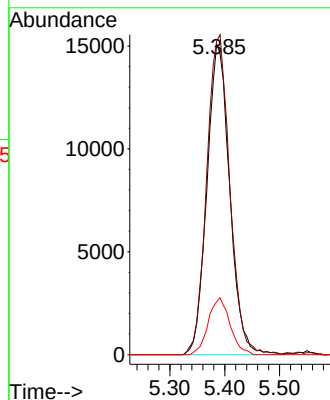
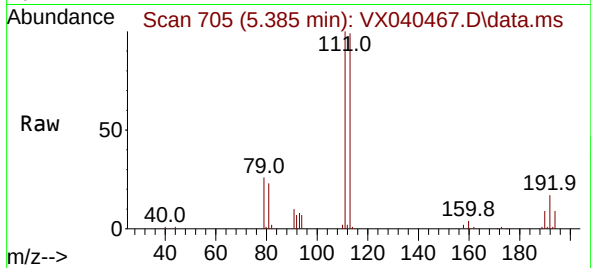




#35
Dibromofluoromethane
Concen: 48.624 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

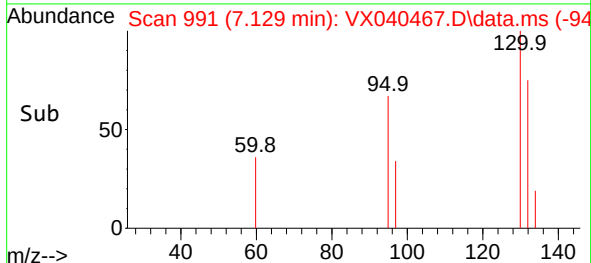
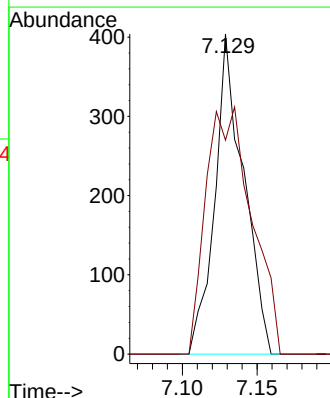
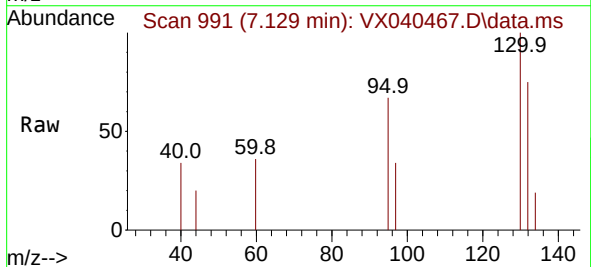
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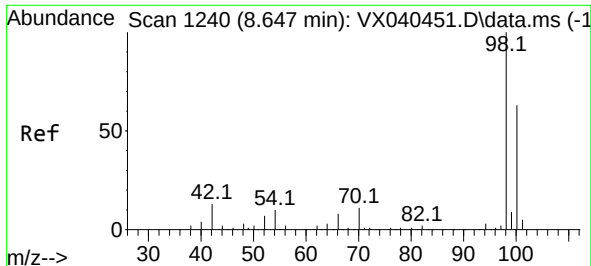
Tgt Ion:113 Resp: 43471
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 17.5 13.3 19.9



#44
Trichloroethene
Concen: 0.537 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion:130 Resp: 539
Ion Ratio Lower Upper
130 100
95 66.8 0.0 204.4

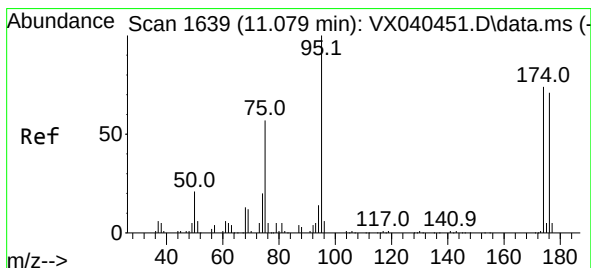
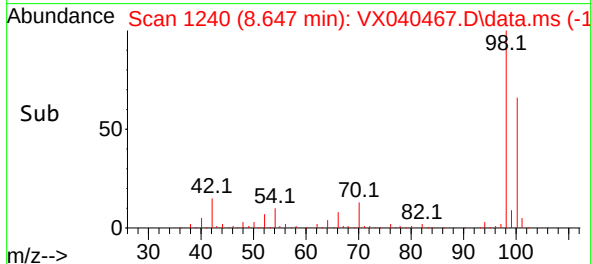
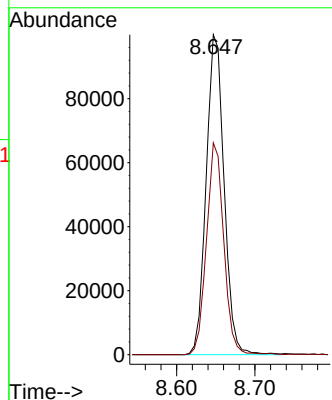
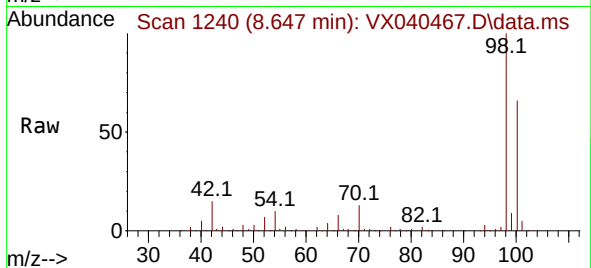




#50
Toluene-d8
Concen: 48.874 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

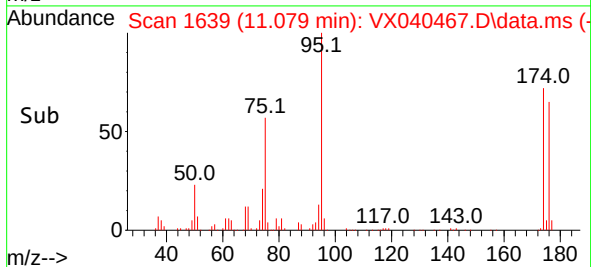
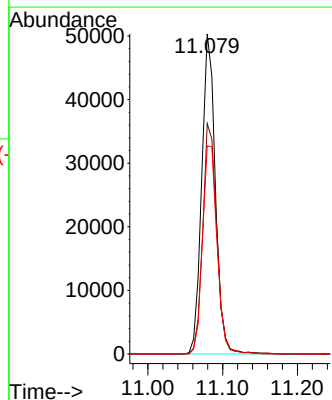
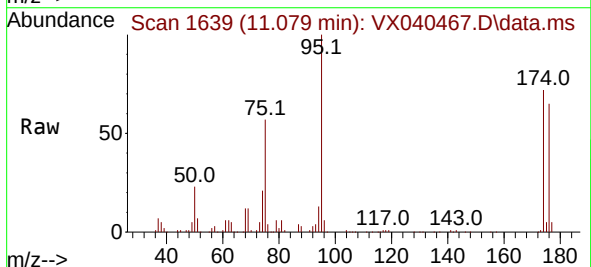
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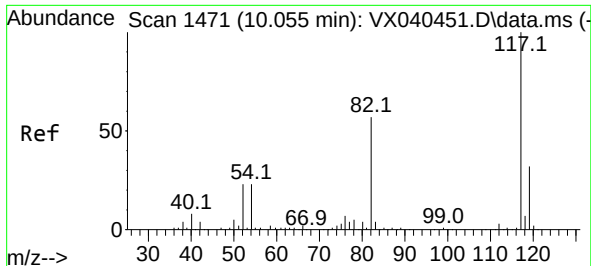
Tgt Ion: 98 Resp: 158605
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 95 Resp: 63911
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 69.4 0.0 131.0

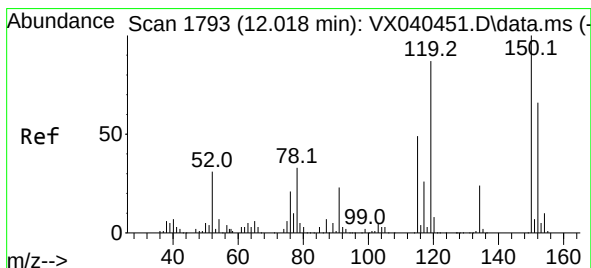
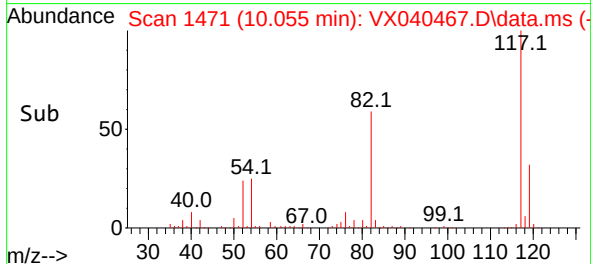
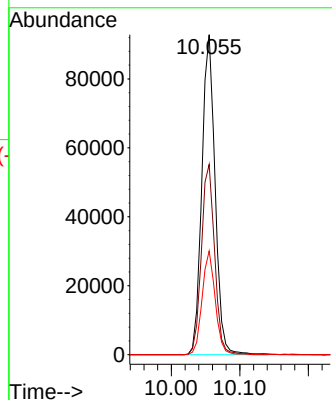
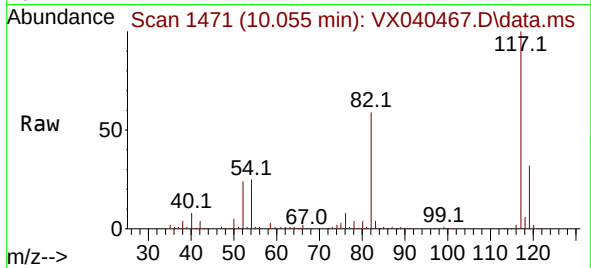




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Instrument :
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Tgt Ion:117 Resp: 125147
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 32.4 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: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion:152 Resp: 63891
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 155.6 0.0 345.0

