

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024041.D
 Acq On : 31 Aug 2021 14:02
 Operator : JC/MD
 Sample : M3584-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPRING-20210827

Quant Time: Sep 01 05:02:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

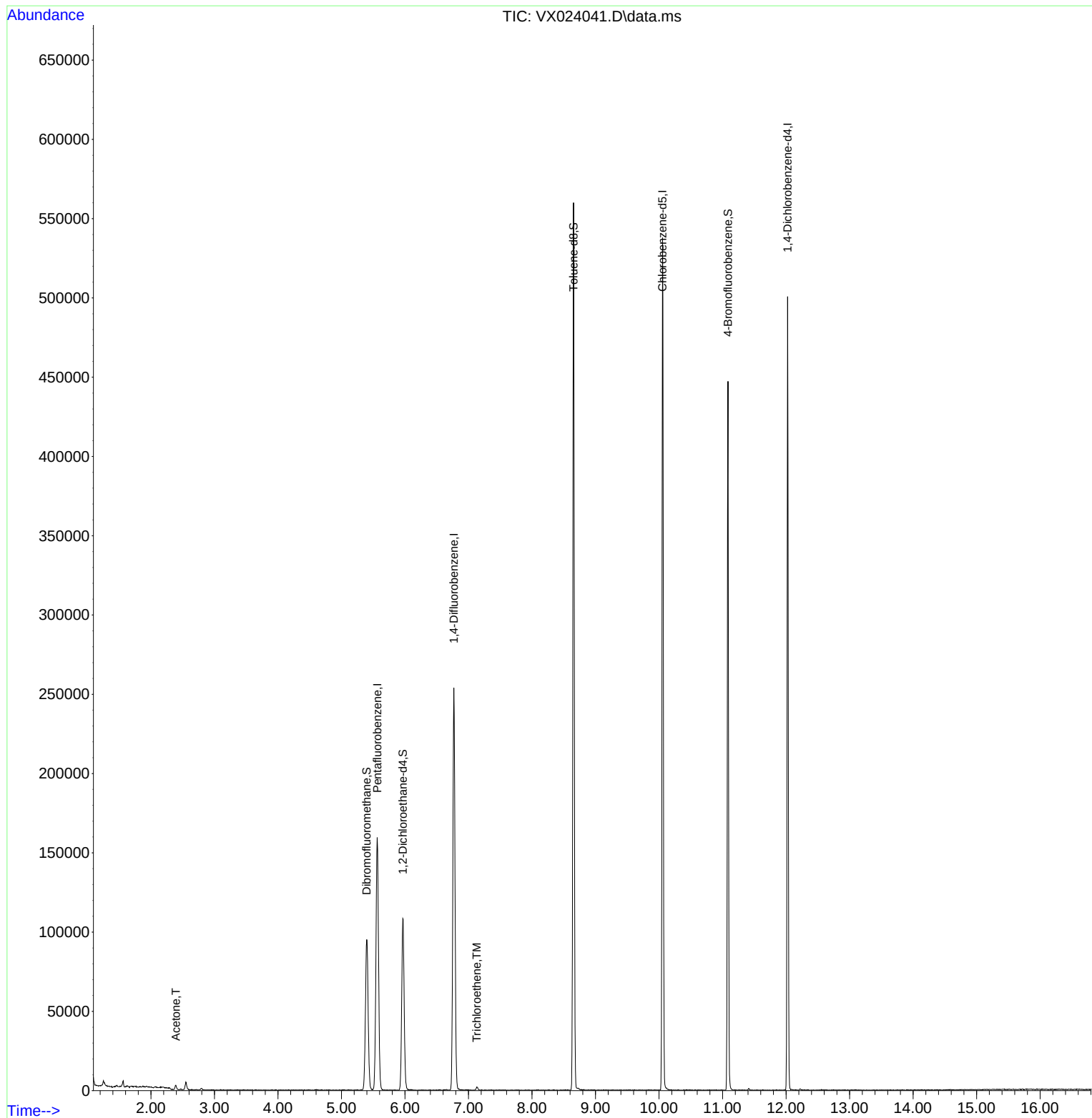
Internal Standards						
1) Pentafluorobenzene	5.562	168	144826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108002	53.432	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.860%
35) Dibromofluoromethane	5.397	113	82504	50.440	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.880%
50) Toluene-d8	8.653	98	305614	49.091	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.085	95	109658	47.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.700%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	3094	3.423	ug/l #	84
44) Trichloroethene	7.129	130	712	0.381	ug/l	100

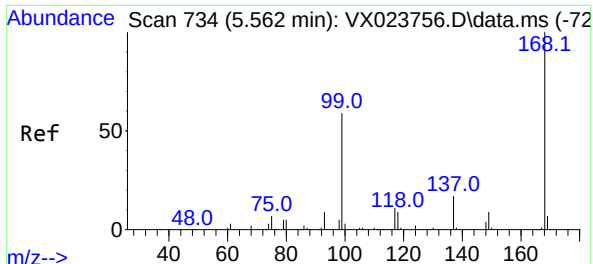
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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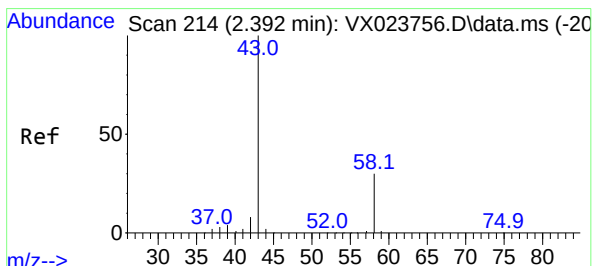
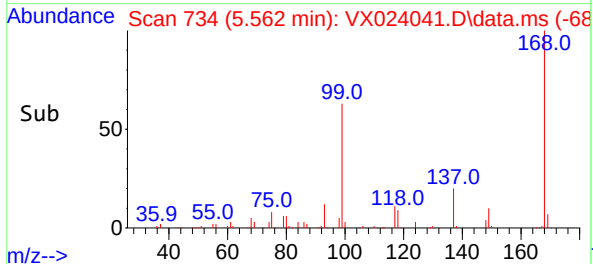
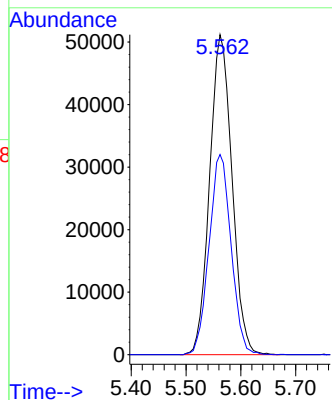
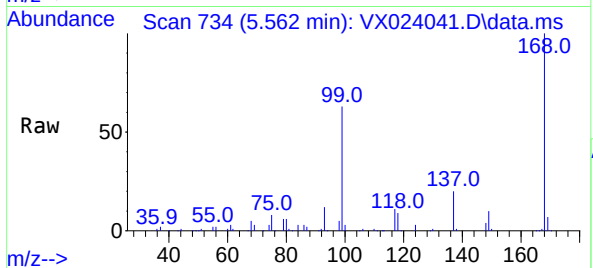




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

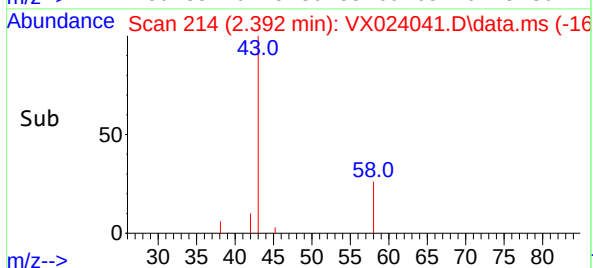
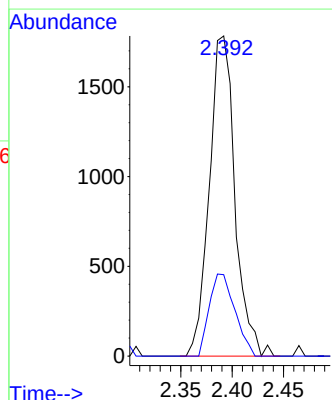
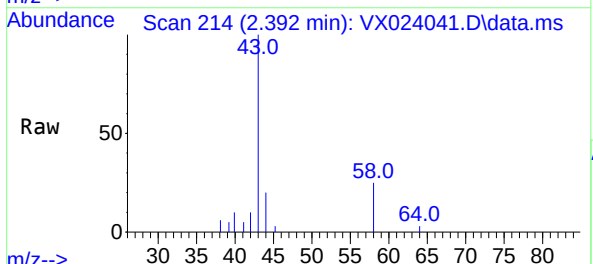
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210827

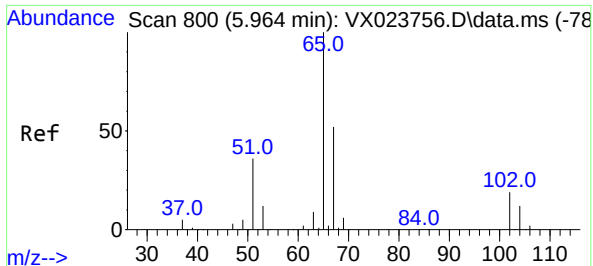
Tgt Ion:168 Resp: 144826
Ion Ratio Lower Upper
168 100
99 62.6 45.8 68.6



#16
Acetone
Concen: 3.423 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

Tgt Ion: 43 Resp: 3094
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#



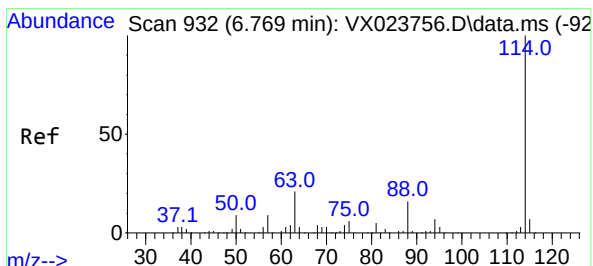
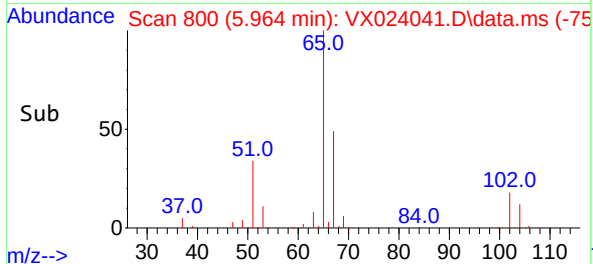
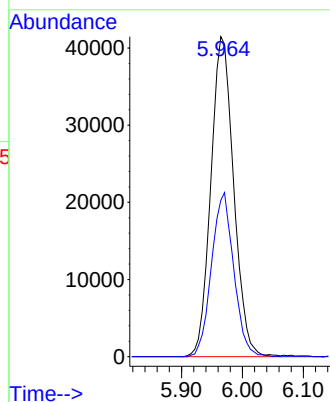
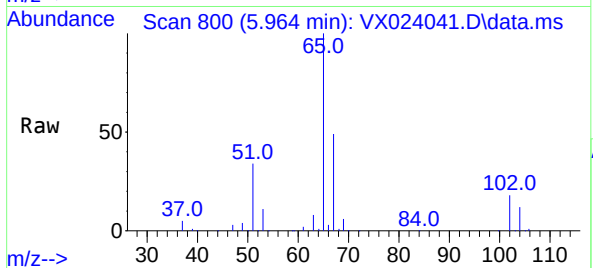


#33

1,2-Dichloroethane-d4
Concen: 53.432 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210827

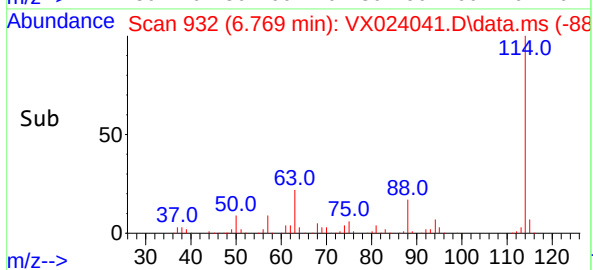
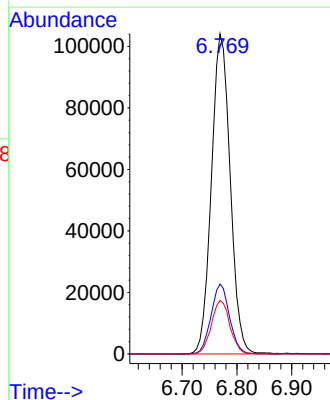
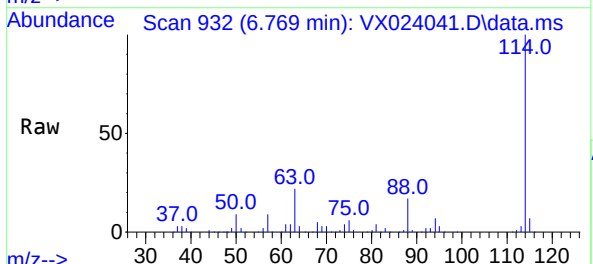
Tgt Ion: 65 Resp: 108002
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

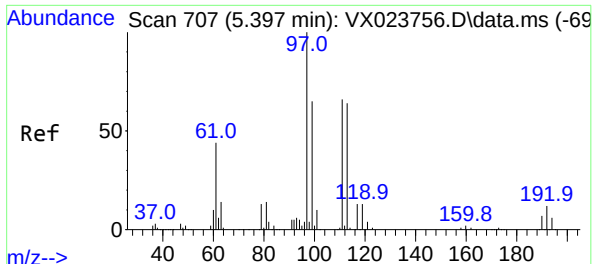


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

Tgt Ion: 114 Resp: 247127
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.7 0.0 32.8

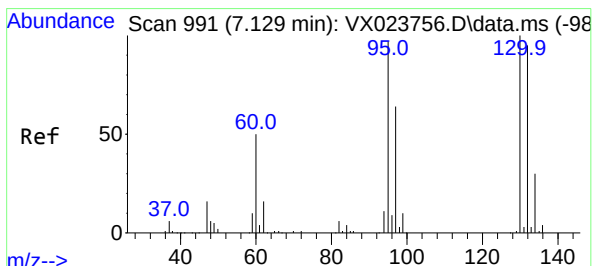
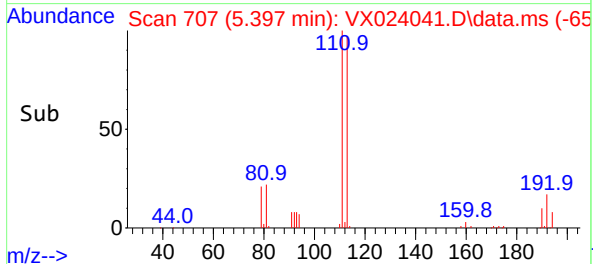
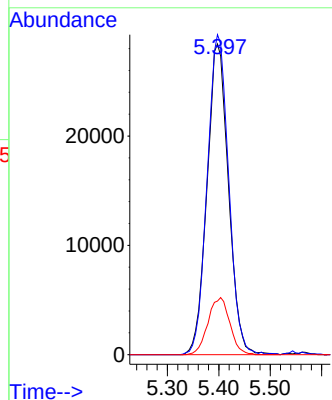
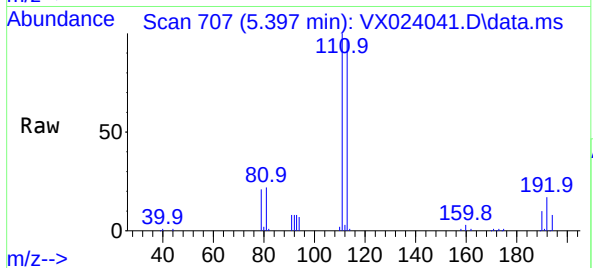




#35
Dibromofluoromethane
Concen: 50.440 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

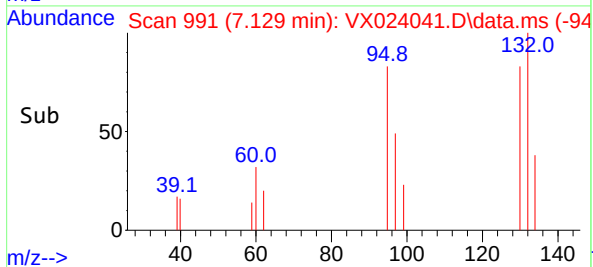
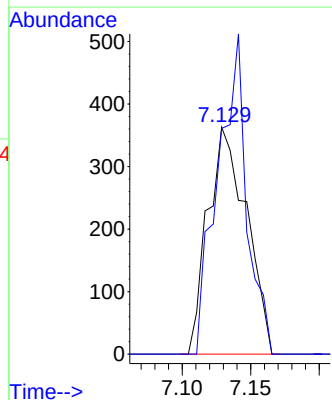
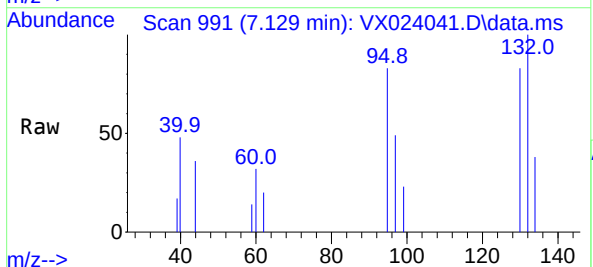
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210827

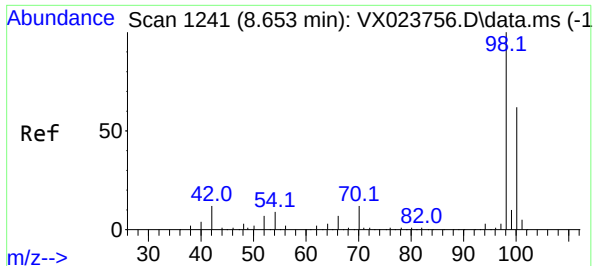
Tgt Ion:113 Resp: 82504
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.7 16.7 25.1



#44
Trichloroethene
Concen: 0.381 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

Tgt Ion:130 Resp: 712
Ion Ratio Lower Upper
130 100
95 99.4 0.0 198.0

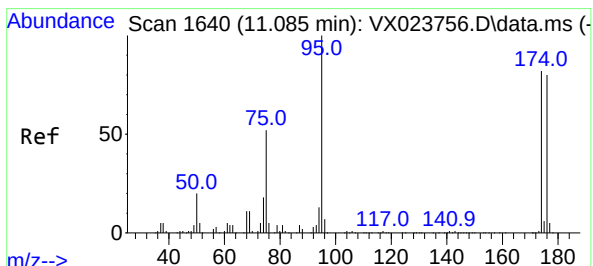
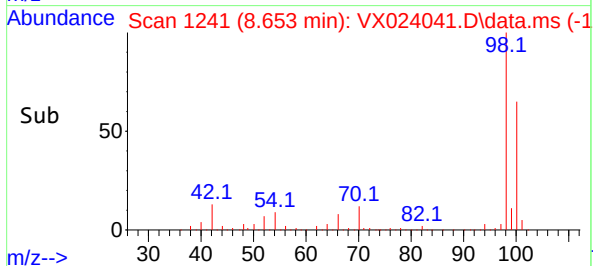
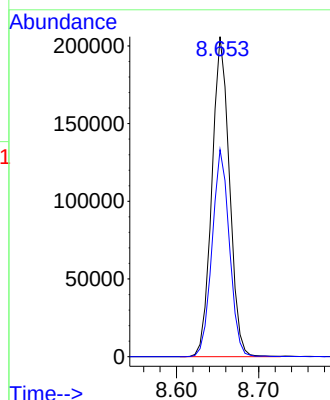
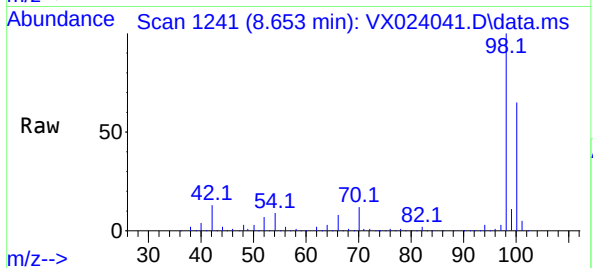




#50
Toluene-d8
Concen: 49.091 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

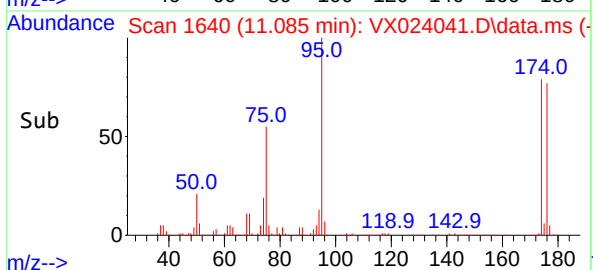
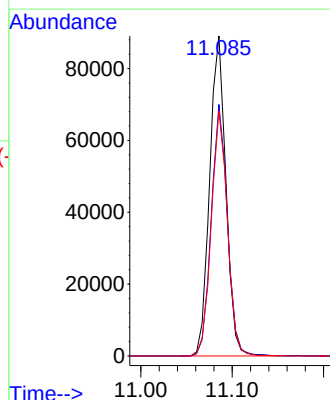
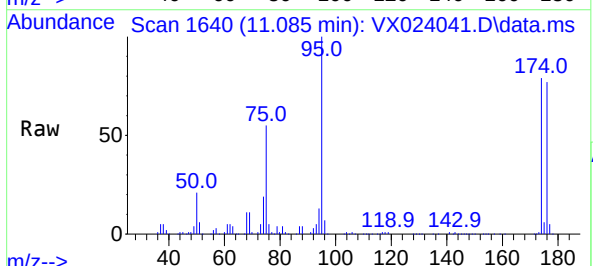
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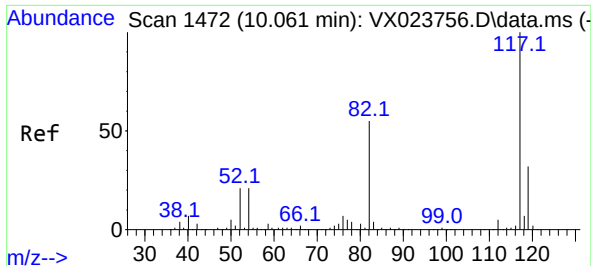
Tgt Ion: 98 Resp: 305614
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.849 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

Tgt Ion: 95 Resp: 109658
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 76.1 0.0 155.8

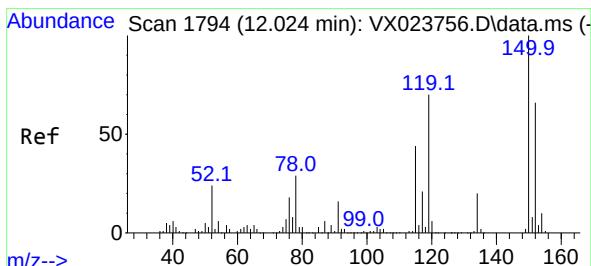
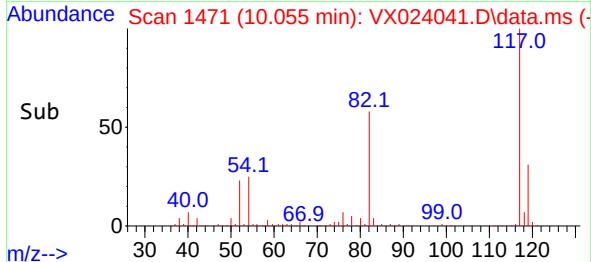
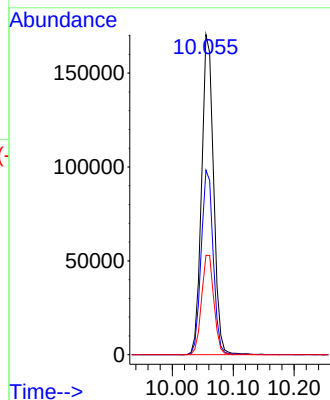
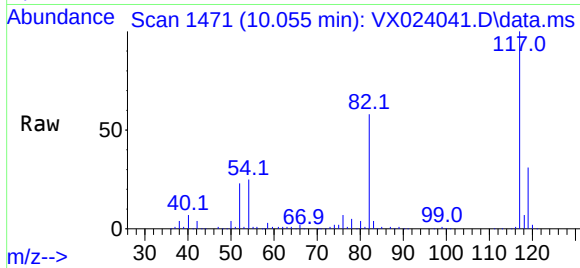




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

Instrument :
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Tgt Ion:117 Resp: 233265
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024041.D
Acq: 31 Aug 2021 14:02

Tgt Ion:152 Resp: 97264
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 153.8 0.0 349.0

