

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025775.D
 Acq On : 14 Dec 2021 14:35
 Operator : JC/MD
 Sample : M5031-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 15 07:03:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	146984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255828	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97153	45.939	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.880%
35) Dibromofluoromethane	5.391	113	82070	45.999	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.653	98	299087	46.009	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.020%
62) 4-Bromofluorobenzene	11.085	95	113953	46.147	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.300%

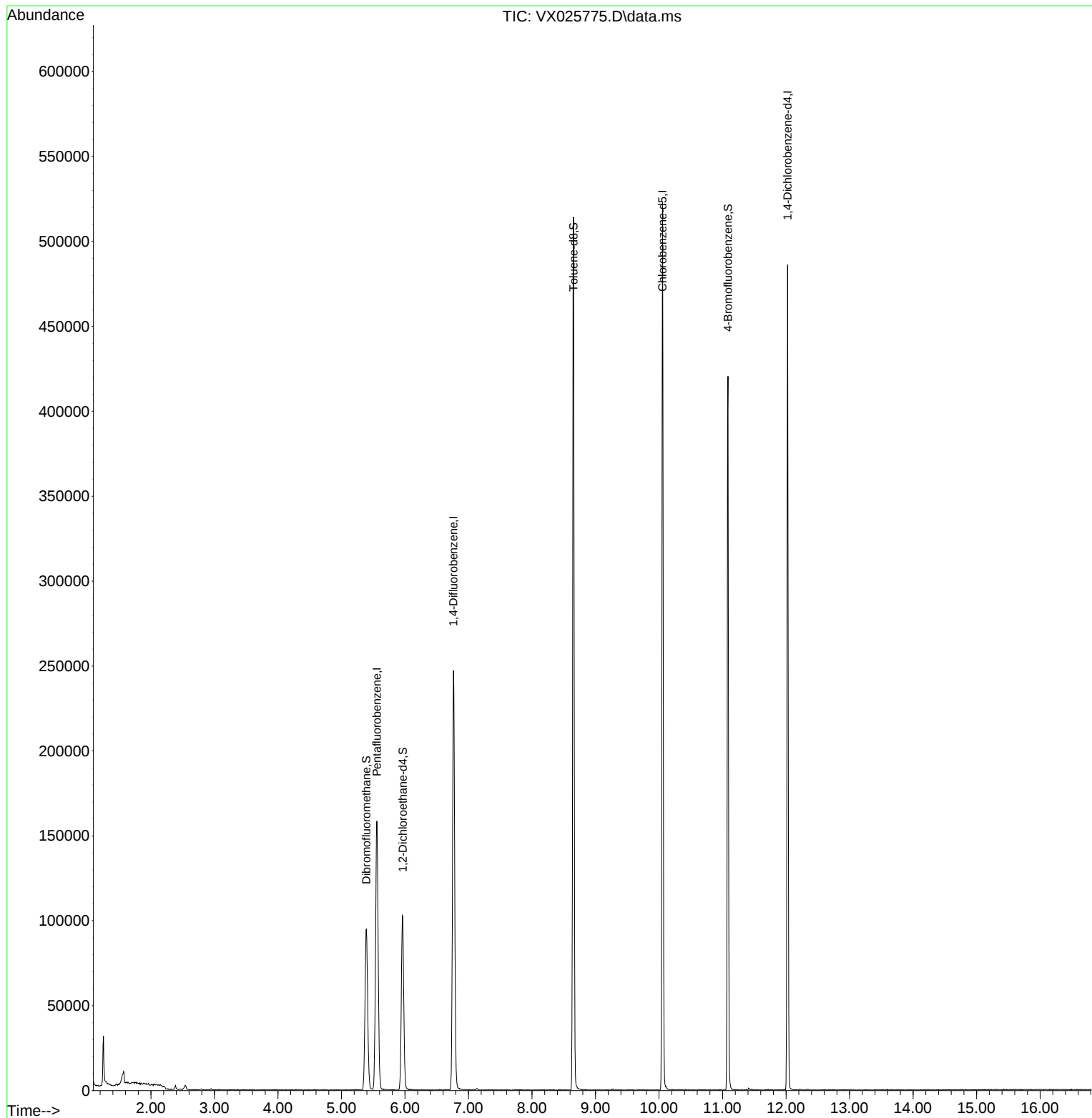
Target Compounds	Qvalue

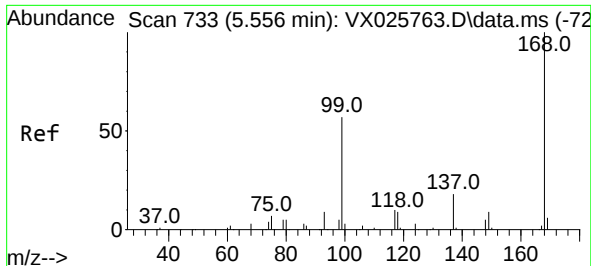
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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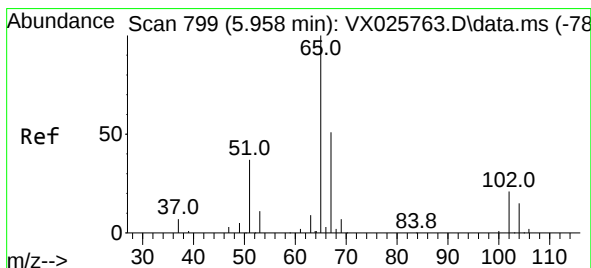
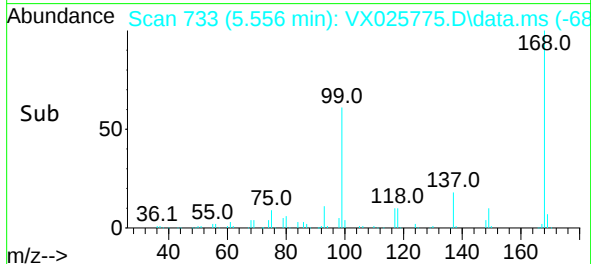
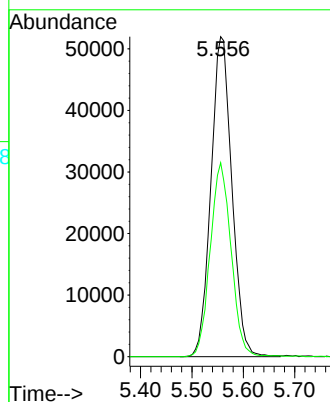
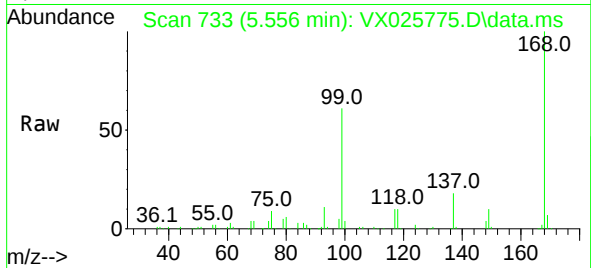




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

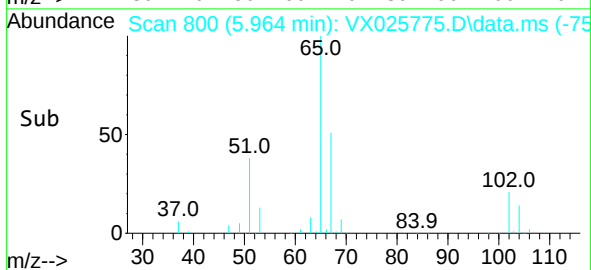
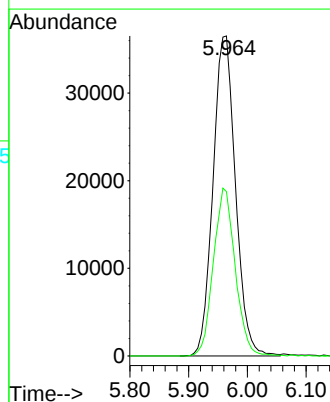
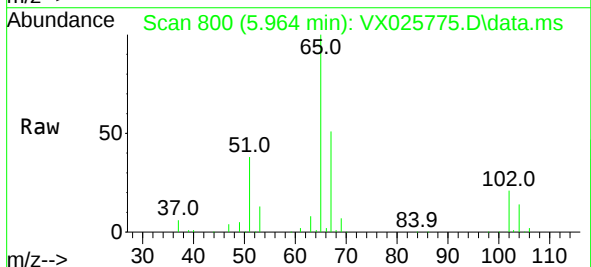
Instrument :
MSVOA_X
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STORAGE-BLANK-SOIL-REF-6

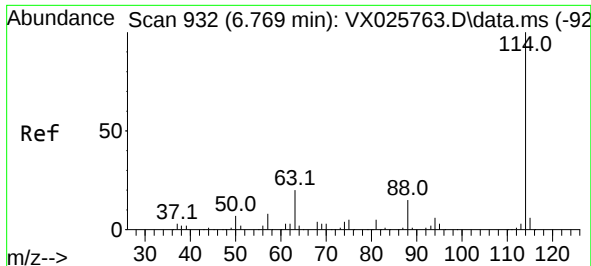
Tgt Ion:168 Resp: 146984
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 45.939 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 65 Resp: 97153
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

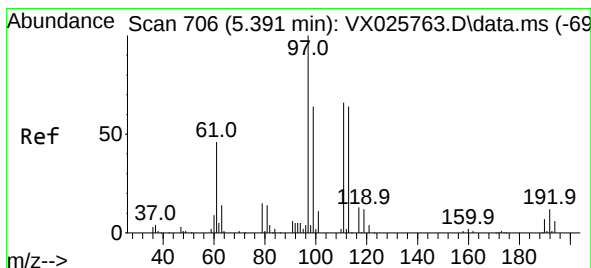
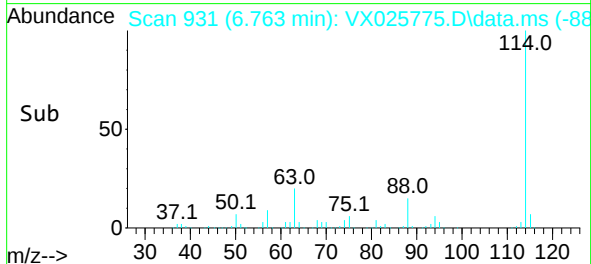
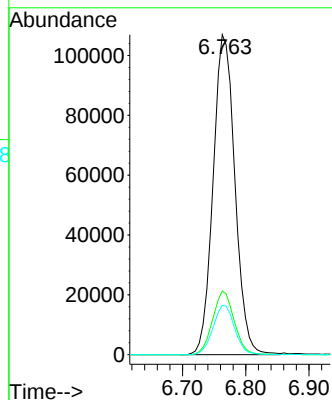
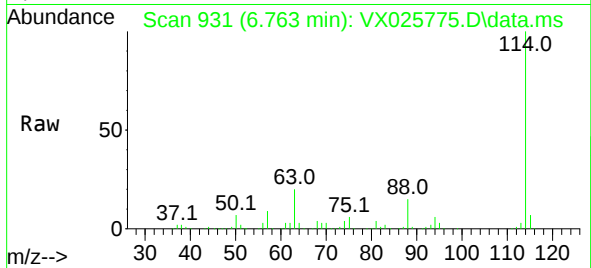




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

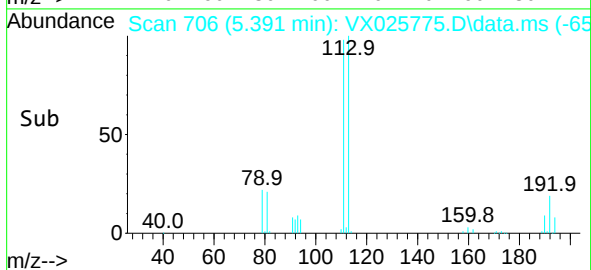
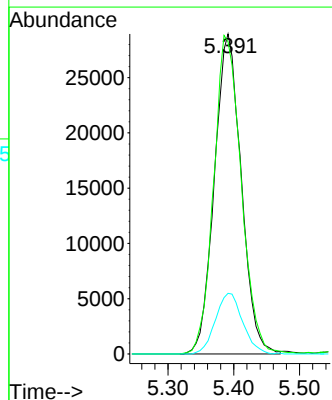
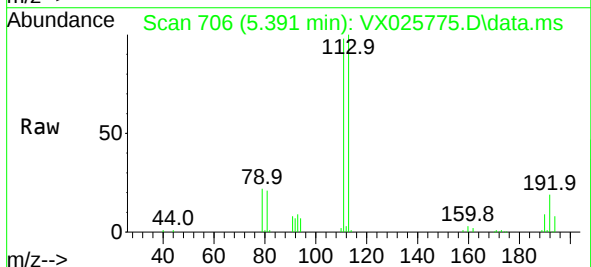
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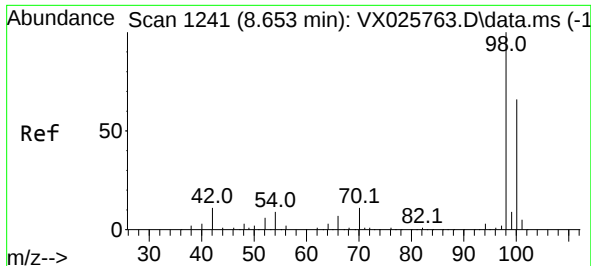
Tgt Ion:114 Resp: 255828
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.999 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion:113 Resp: 82070
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 19.2 15.0 22.4

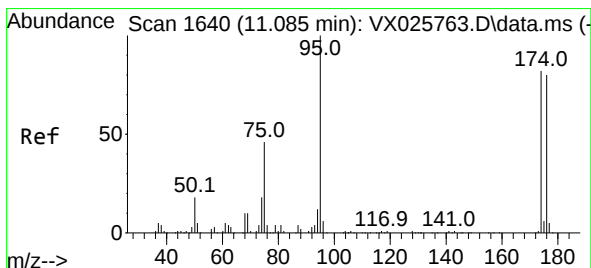
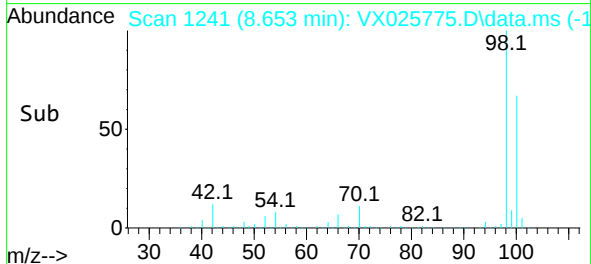
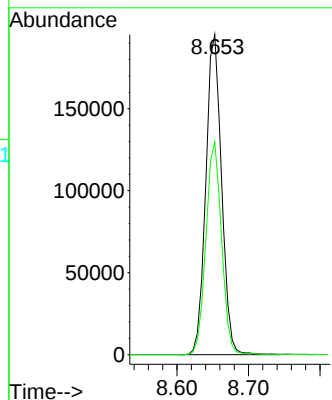
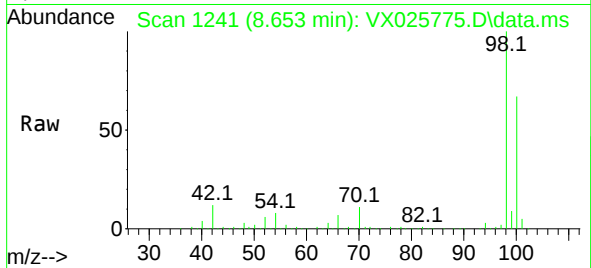




#50
Toluene-d8
Concen: 46.009 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

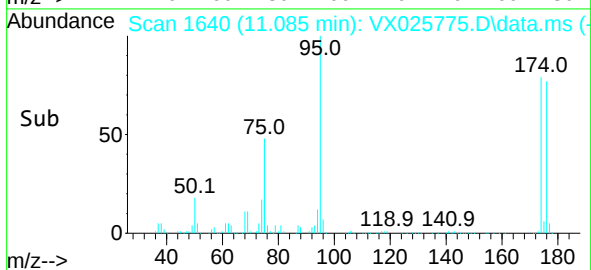
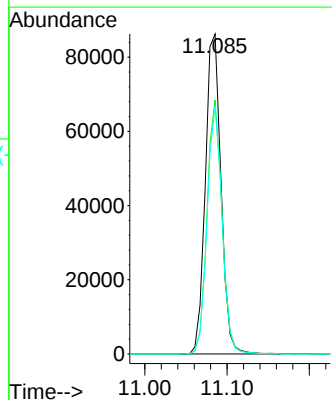
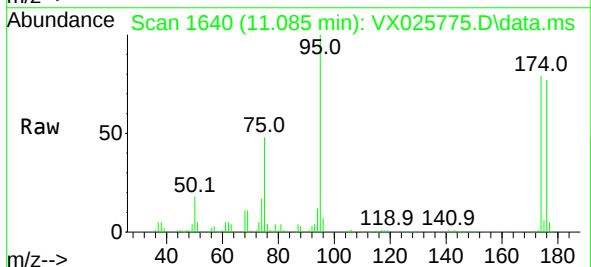
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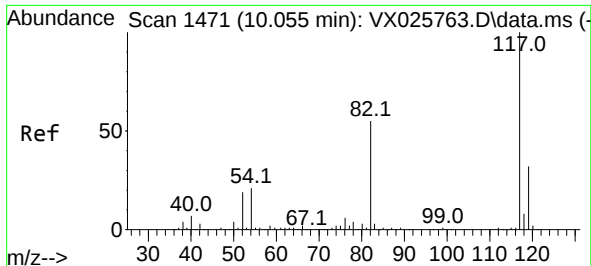
Tgt Ion: 98 Resp: 299087
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.147 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 95 Resp: 113953
Ion Ratio Lower Upper
95 100
174 76.2 0.0 157.4
176 74.4 0.0 154.6

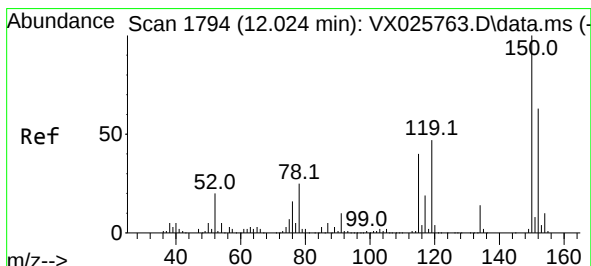
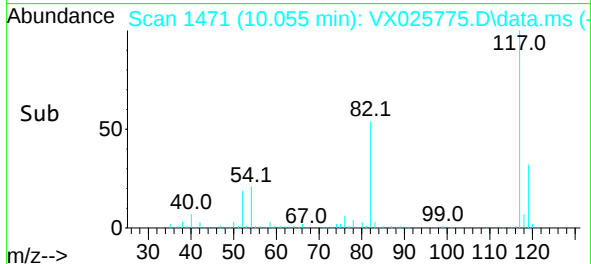
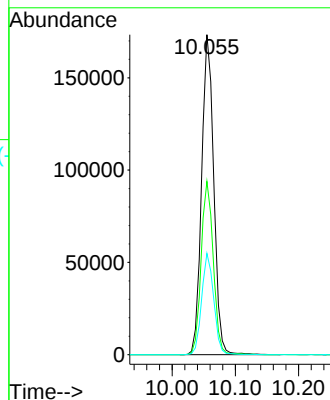
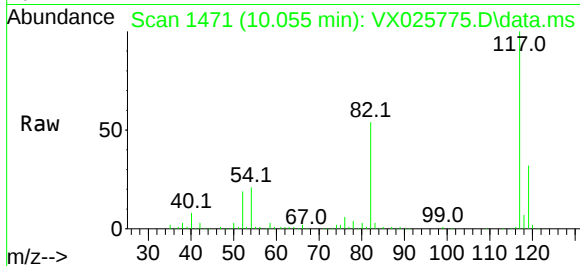




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

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Tgt Ion:117 Resp: 232229
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.6
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion:152 Resp: 96392
Ion Ratio Lower Upper
152 100
115 59.7 41.3 123.9
150 157.6 0.0 351.8

