

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030987.D
 Acq On : 31 Aug 2022 18:41
 Operator : JC/MD
 Sample : N4436-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-082922

Quant Time: Sep 01 00:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	198063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	356457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142445	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136928	48.201	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.400%
35) Dibromofluoromethane	5.397	113	123824	47.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	8.653	98	458917	47.160	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.320%
62) 4-Bromofluorobenzene	11.085	95	152715	44.070	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.140%

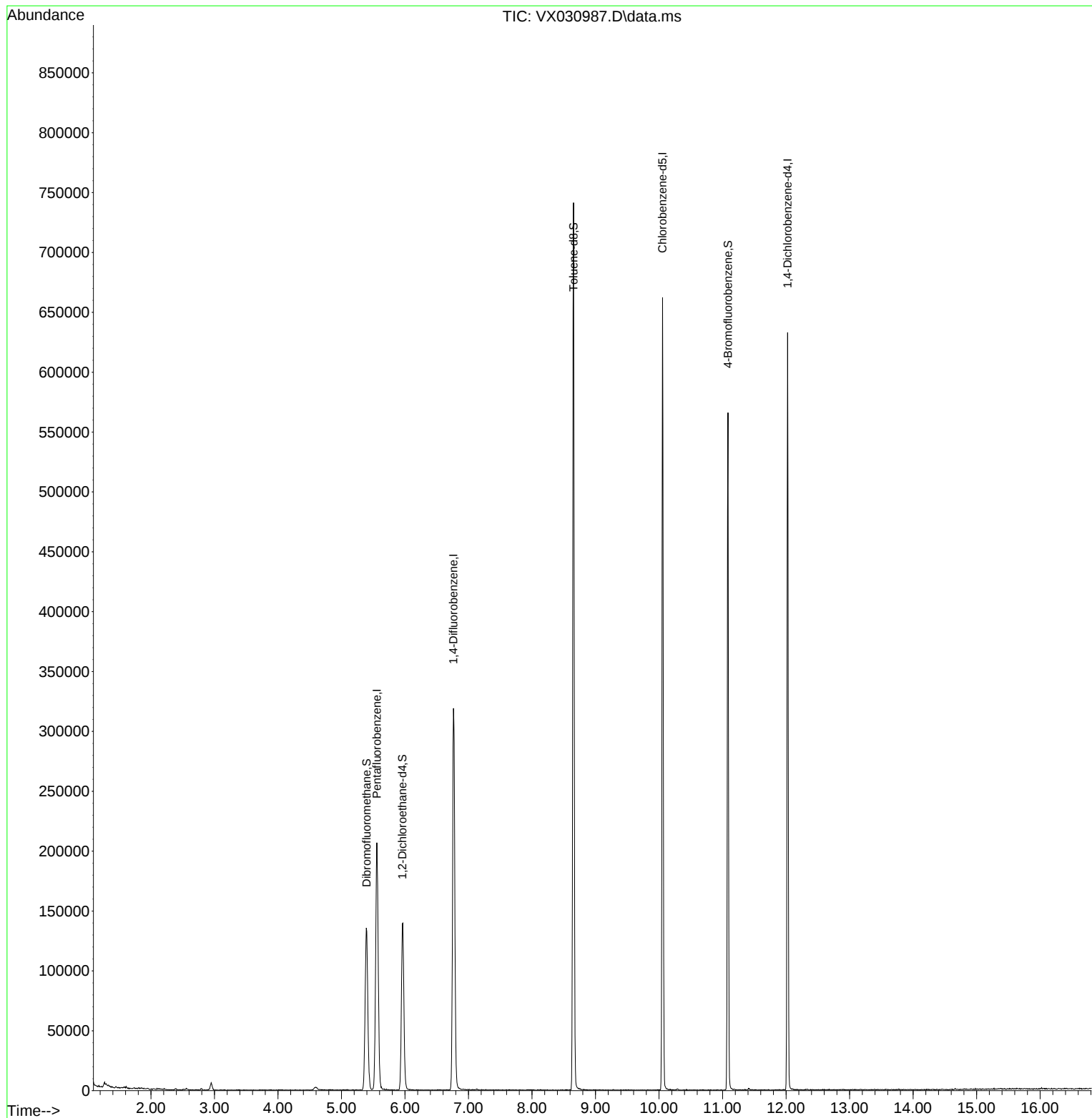
Target Compounds	Qvalue

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

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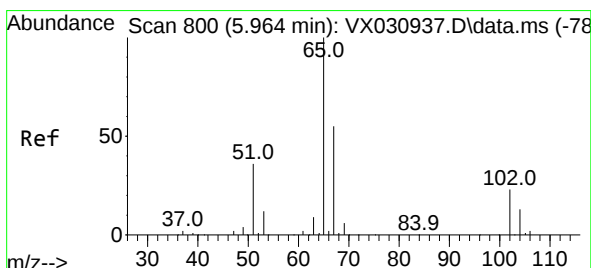
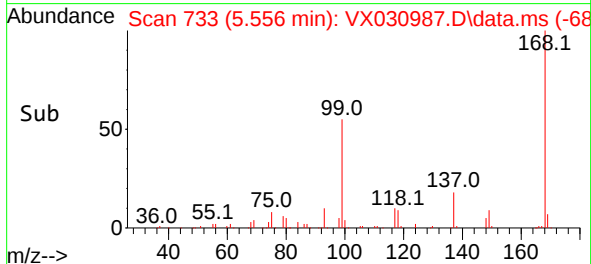
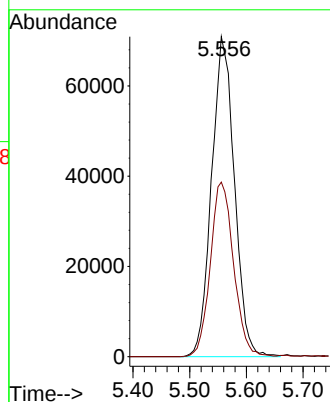
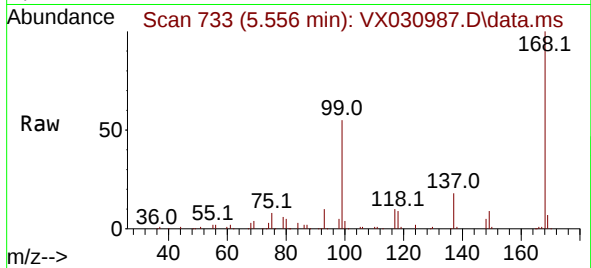




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

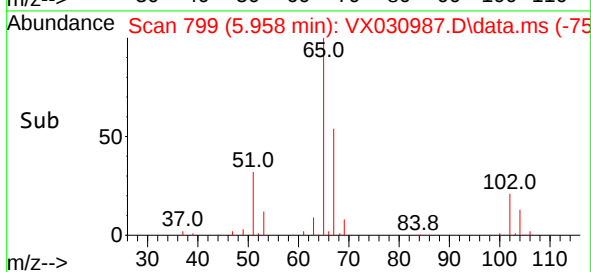
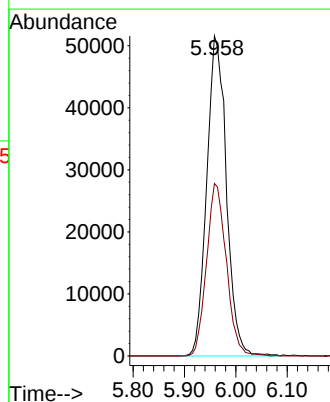
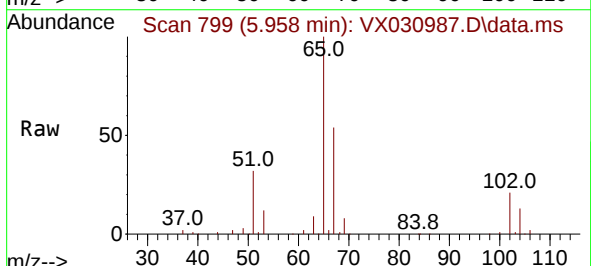
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082922

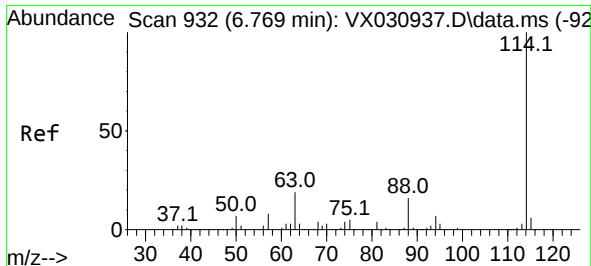
Tgt Ion:168 Resp: 198063
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 48.201 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion: 65 Resp: 136928
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

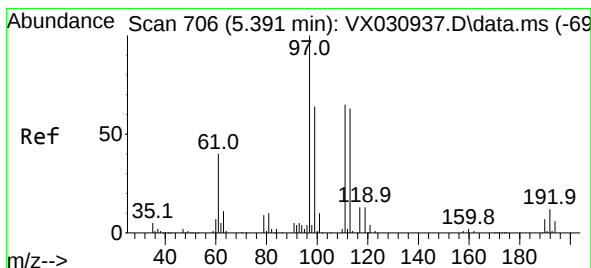
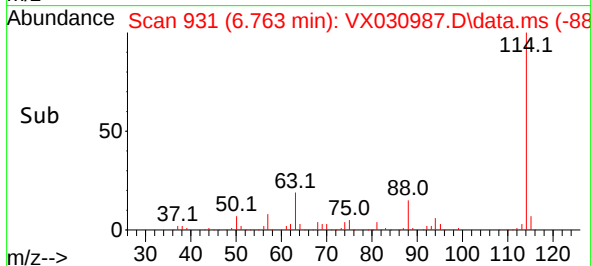
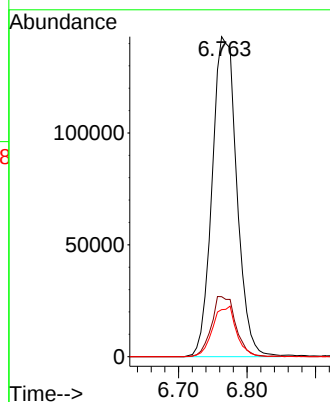
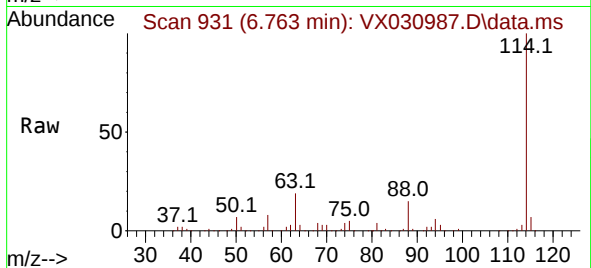




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

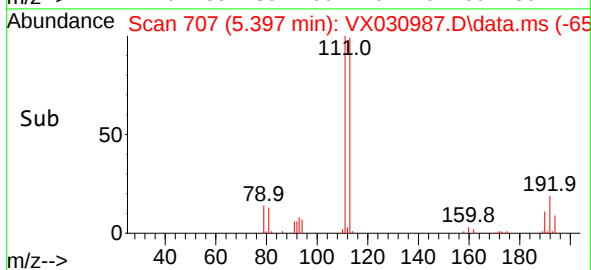
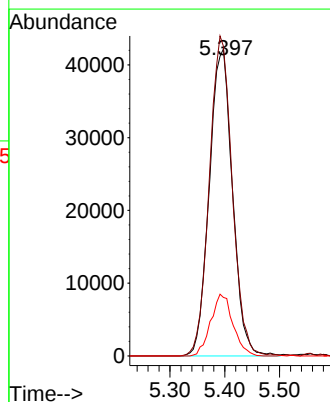
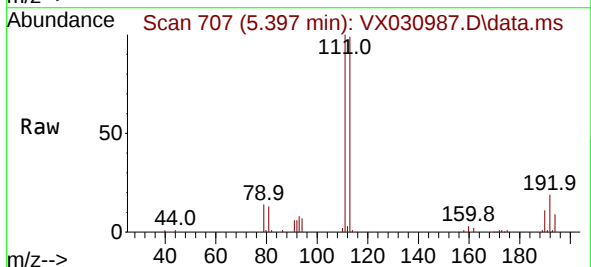
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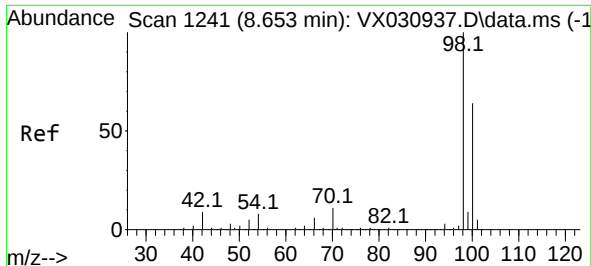
Tgt Ion:114 Resp: 356457
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.124 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion:113 Resp: 123824
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 19.3 14.8 22.2

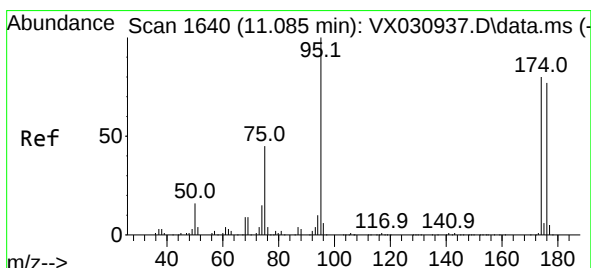
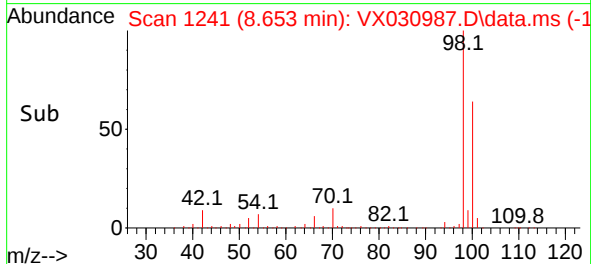
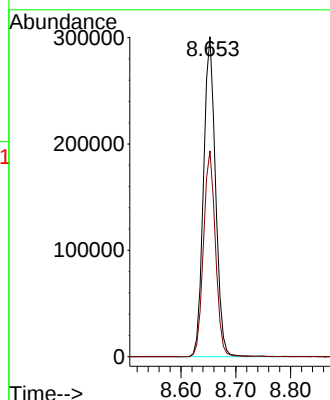
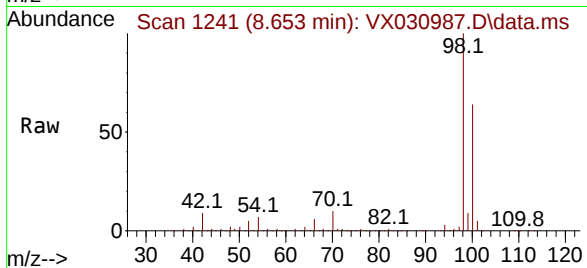




#50
Toluene-d8
Concen: 47.160 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

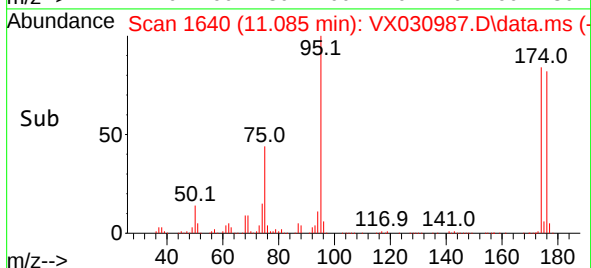
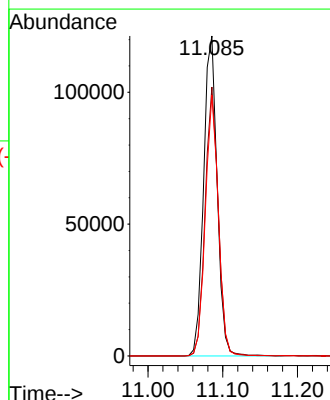
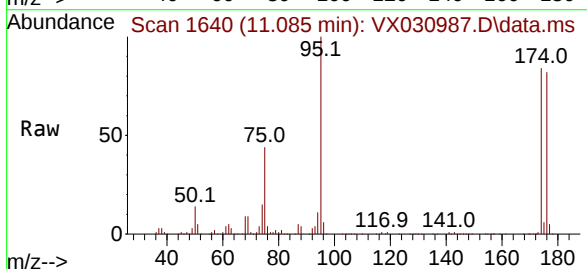
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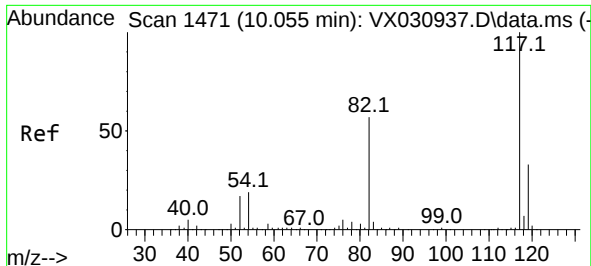
Tgt Ion: 98 Resp: 458917
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.070 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion: 95 Resp: 152715
Ion Ratio Lower Upper
95 100
174 81.4 0.0 149.0
176 78.6 0.0 146.0

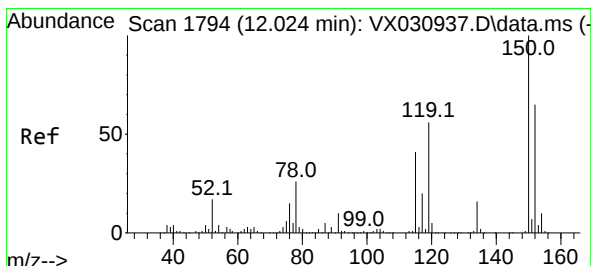
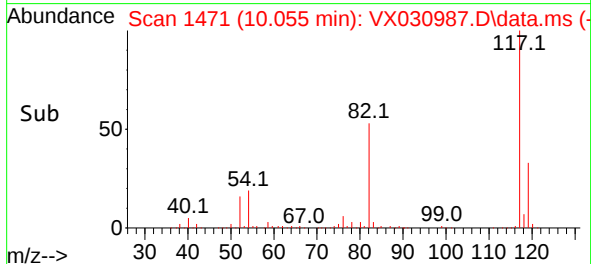
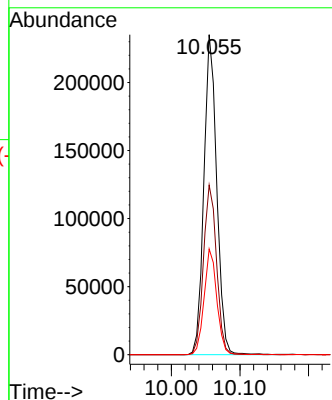
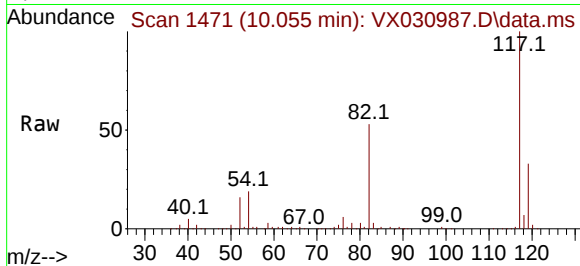




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Instrument :
MSVOA_X
ClientSampleId :
TB-01-082922

Tgt Ion:117 Resp: 307065
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030987.D
Acq: 31 Aug 2022 18:41

Tgt Ion:152 Resp: 142445
Ion Ratio Lower Upper
152 100
115 56.1 40.5 121.5
150 153.0 0.0 347.0

