

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033161.D
 Acq On : 01 Dec 2022 14:23
 Operator : JC/MD
 Sample : N5828-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-PT-OUT-02-11302022

Quant Time: Dec 02 00:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69796	56.972	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.940%
35) Dibromofluoromethane	5.385	113	54099	47.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	8.647	98	180020	52.573	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.140%
62) 4-Bromofluorobenzene	11.079	95	66644	44.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.980%

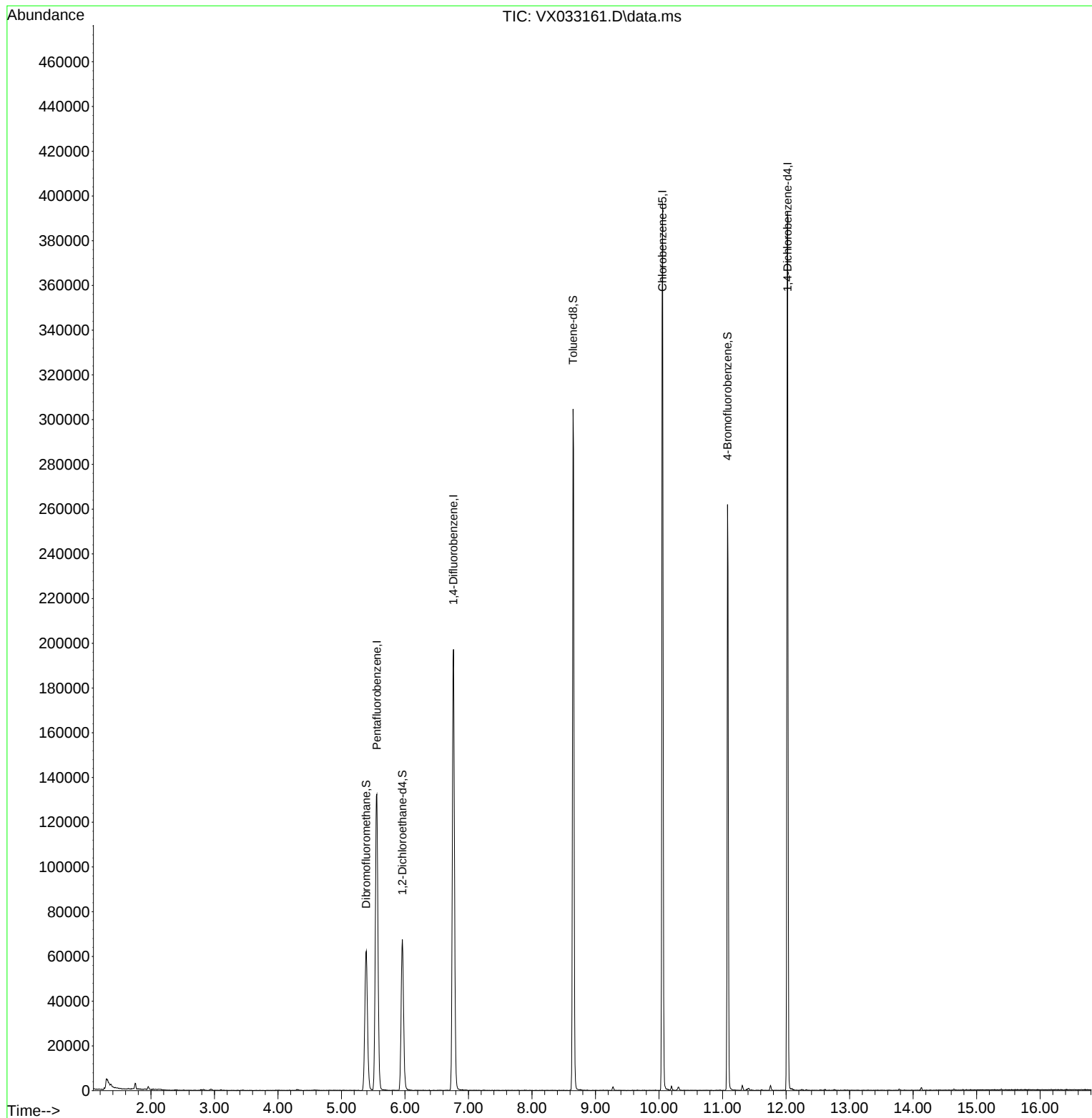
Target Compounds	Qvalue

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

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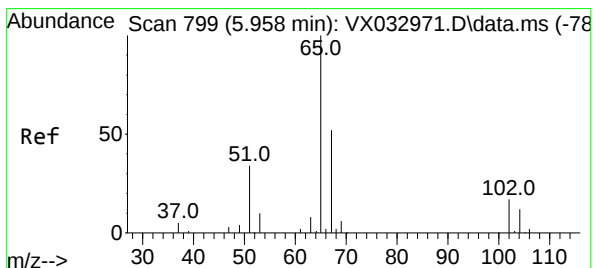
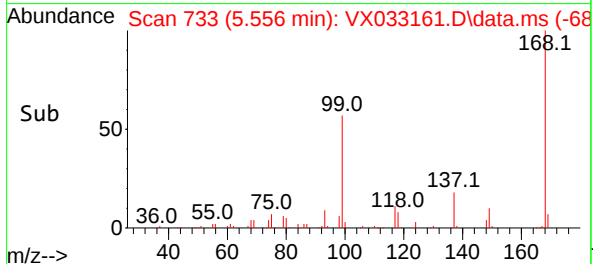
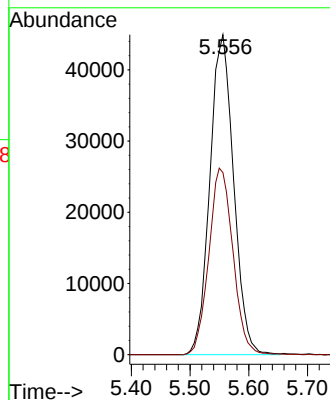
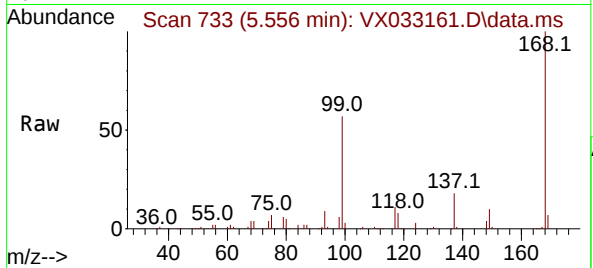




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

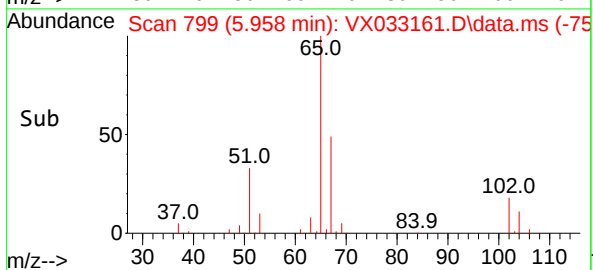
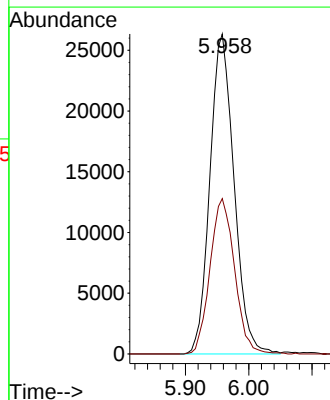
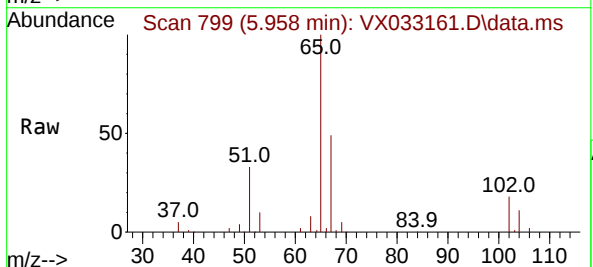
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-02-11302022

Tgt Ion:168 Resp: 126342
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 56.972 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Tgt Ion: 65 Resp: 69796
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

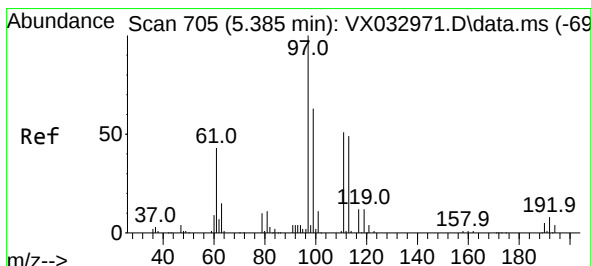
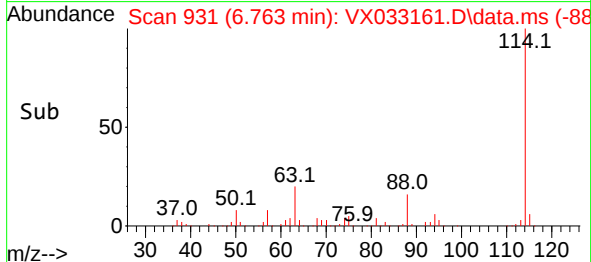
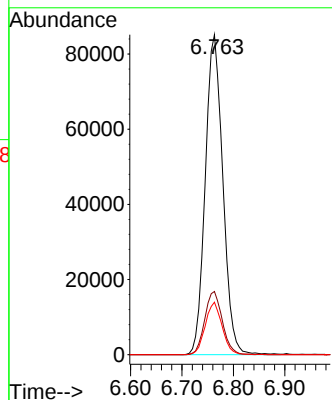
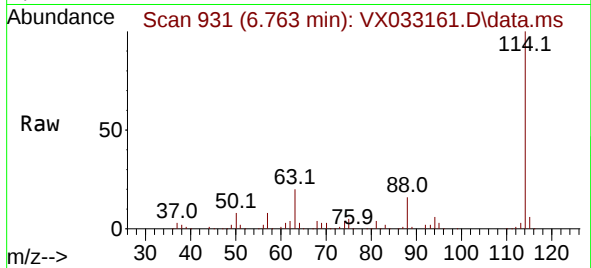




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

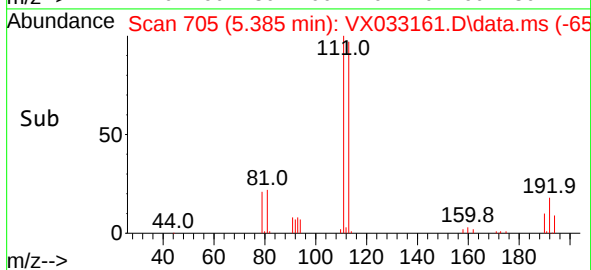
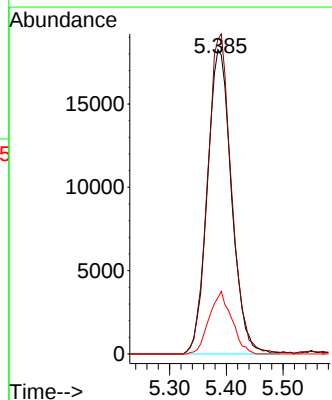
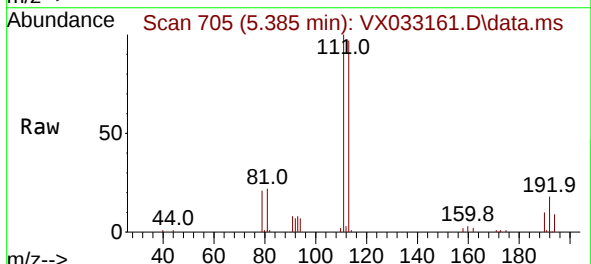
Instrument :
MSVOA_X
ClientSampleId :
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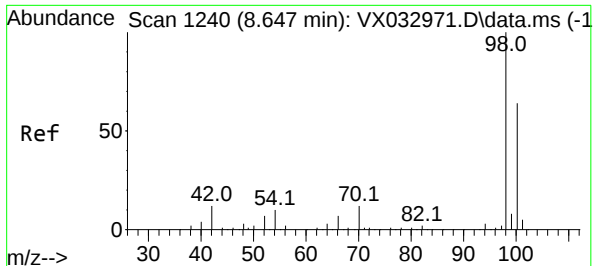
Tgt Ion:114 Resp: 202294
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.436 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Tgt Ion:113 Resp: 54099
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 19.1 15.4 23.2

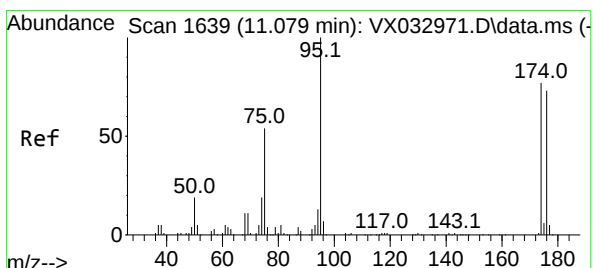
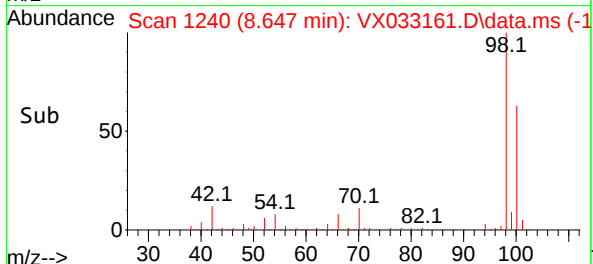
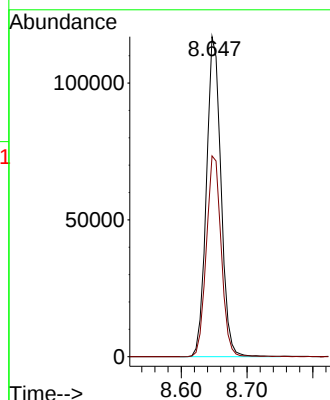
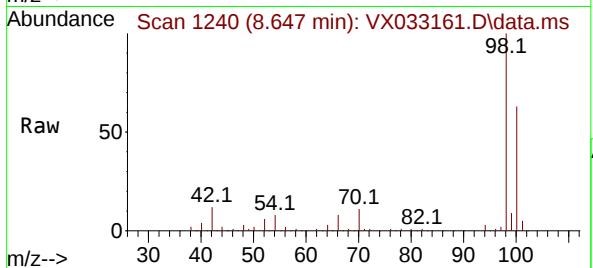




#50
Toluene-d8
Concen: 52.573 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

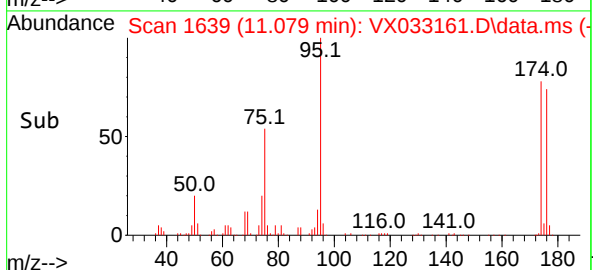
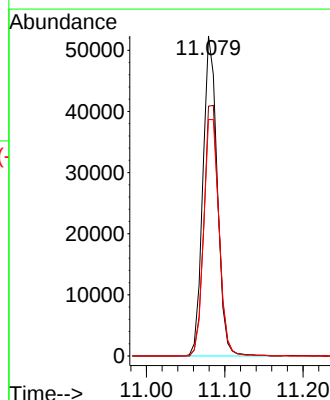
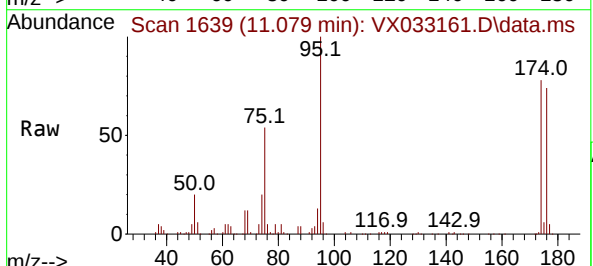
Instrument :
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ClientSampleId :
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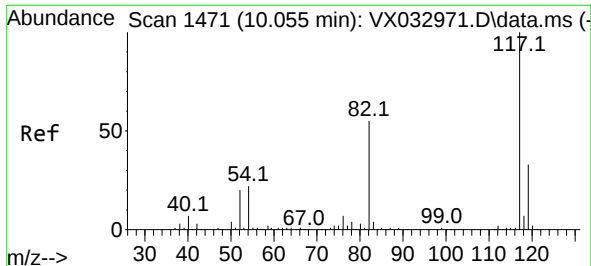
Tgt Ion: 98 Resp: 180020
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Tgt Ion: 95 Resp: 66644
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 78.9 0.0 154.4

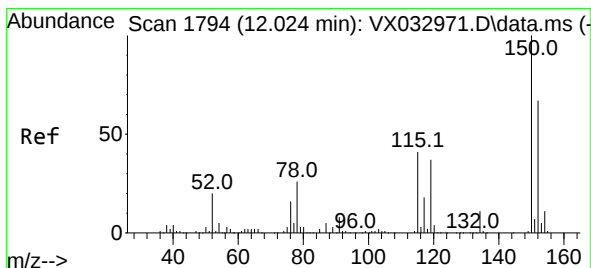
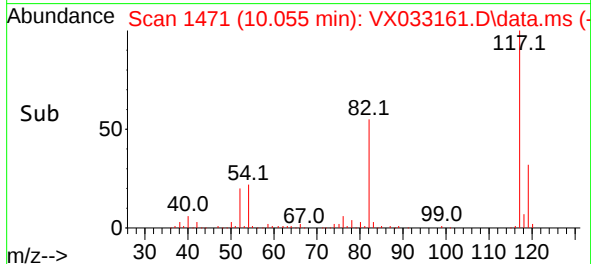
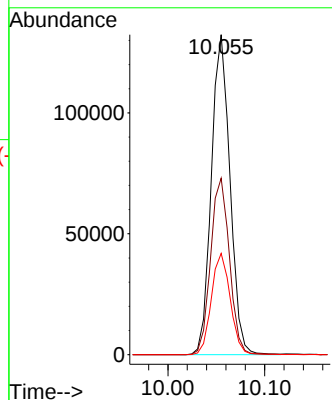
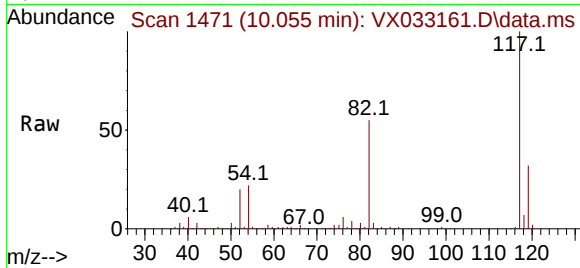




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-02-11302022

Tgt Ion:117 Resp: 176887
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Tgt Ion:152 Resp: 81432
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 157.6 0.0 351.8

