

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032236.D
 Acq On : 20 Oct 2022 03:00
 Operator : JC/MD
 Sample : N5189-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1431-1

Quant Time: Oct 20 05:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	134608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95788	54.701	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.400%
35) Dibromofluoromethane	5.391	113	72927	48.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	8.647	98	266988	49.199	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	95708	48.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.320%

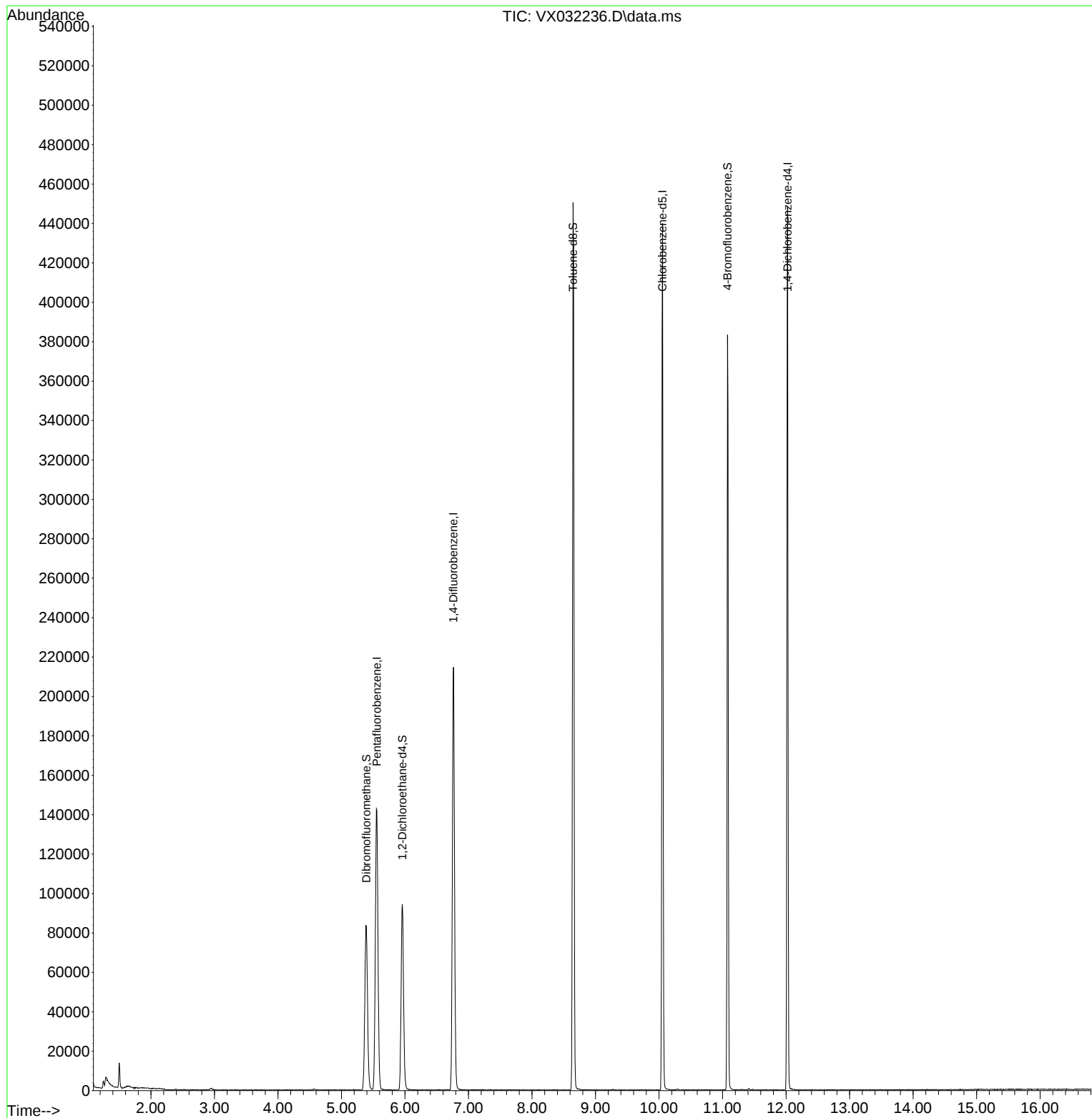
Target Compounds	Qvalue

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

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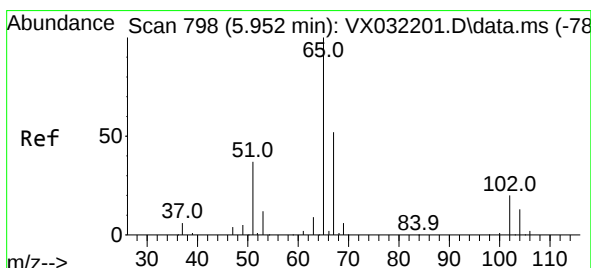
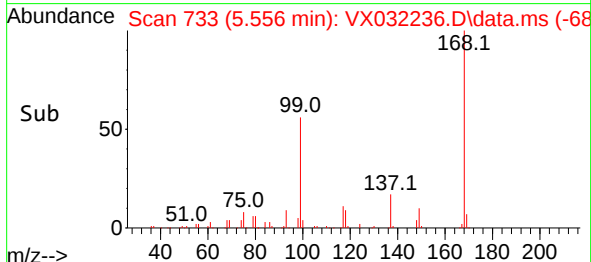
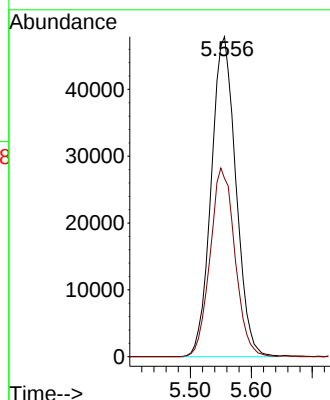
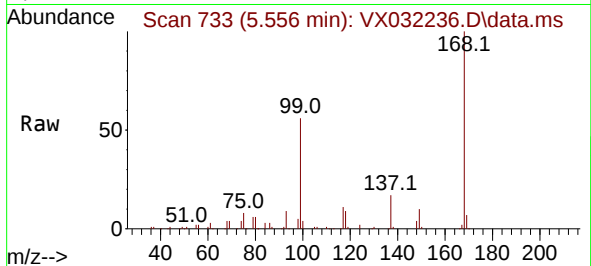




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

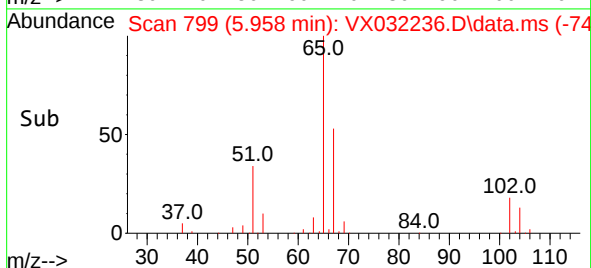
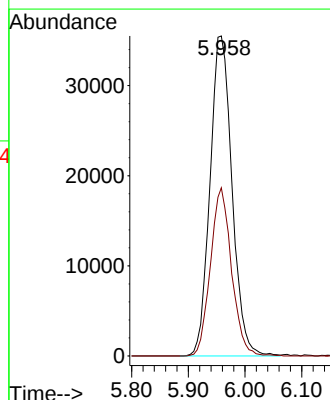
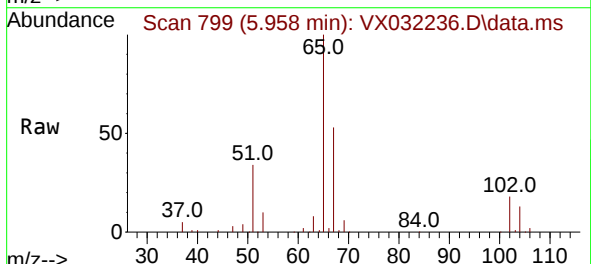
Instrument :
MSVOA_X
ClientSampleId :
1431-1

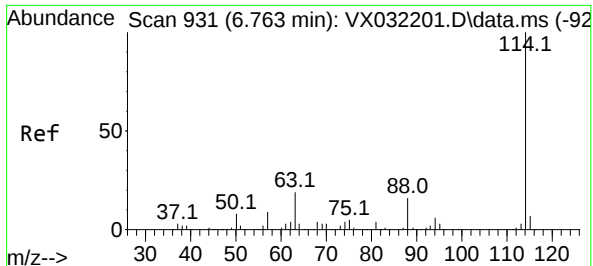
Tgt Ion:168 Resp: 134608
Ion Ratio Lower Upper
168 100
99 55.7 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 54.701 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion: 65 Resp: 95788
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.6

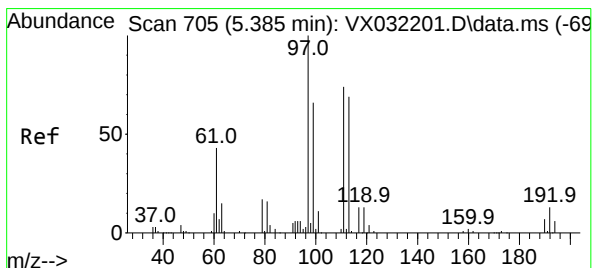
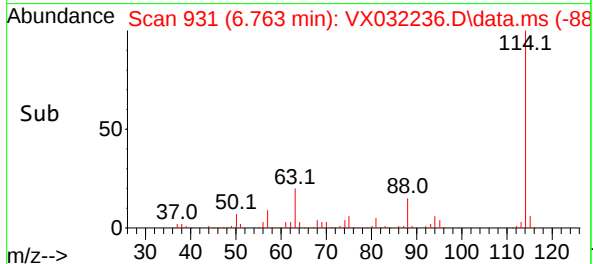
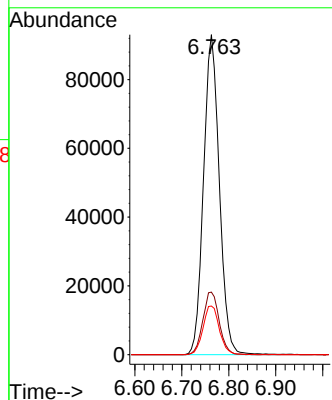
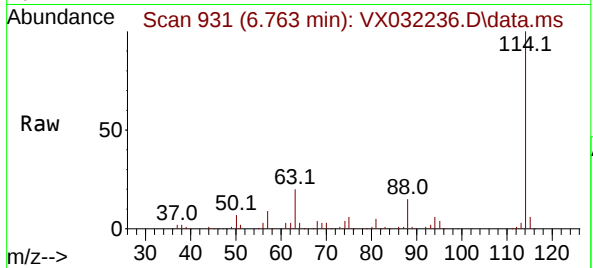




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

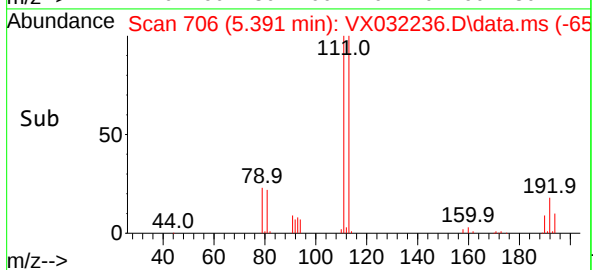
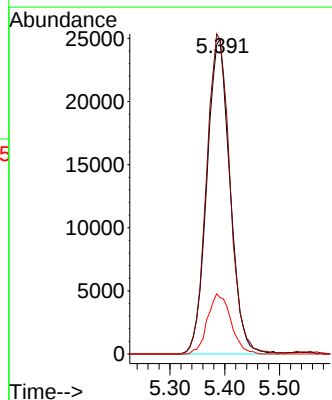
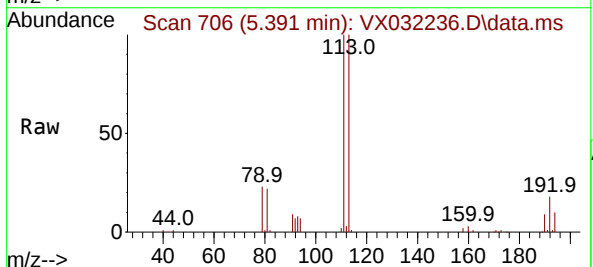
Instrument :
MSVOA_X
ClientSampleId :
1431-1

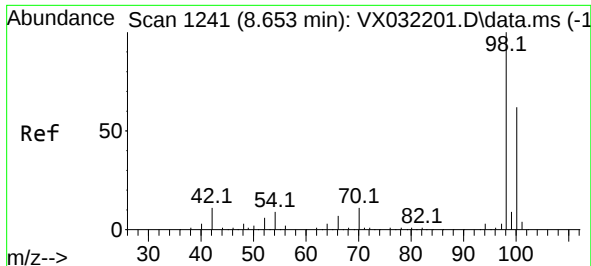
Tgt Ion:114 Resp: 216642
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.375 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion:113 Resp: 72927
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.3 15.5 23.3

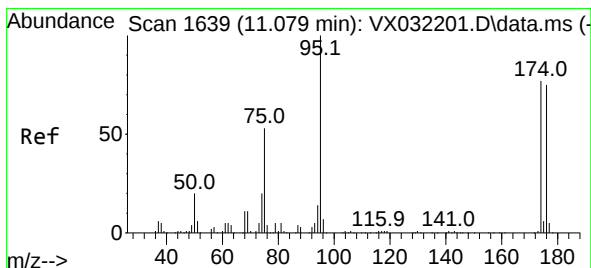
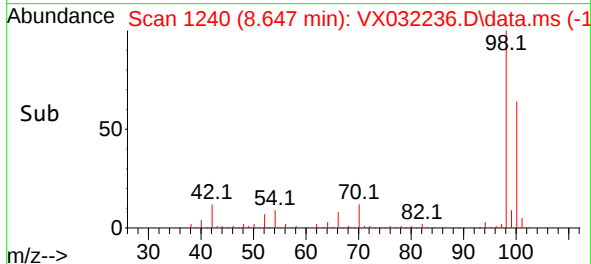
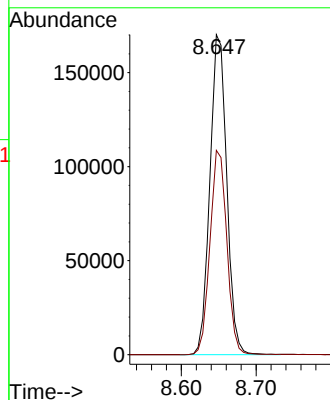
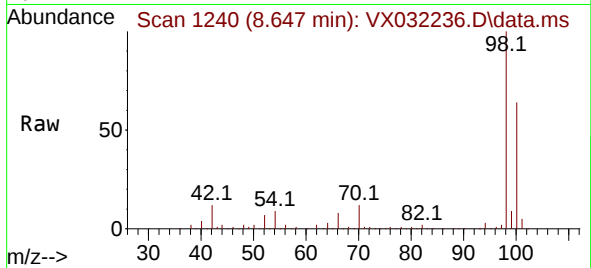




#50
Toluene-d8
Concen: 49.199 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

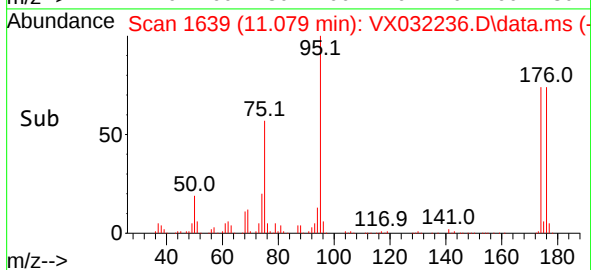
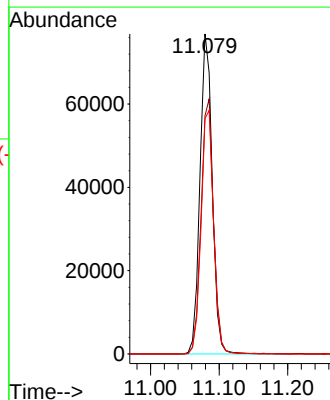
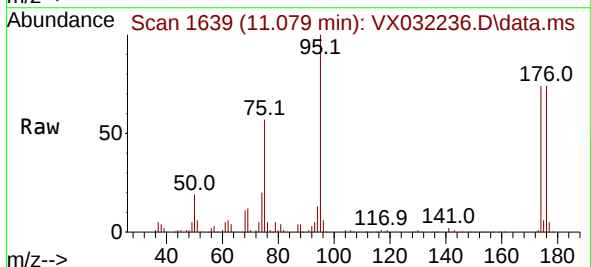
Instrument :
MSVOA_X
ClientSampleId :
1431-1

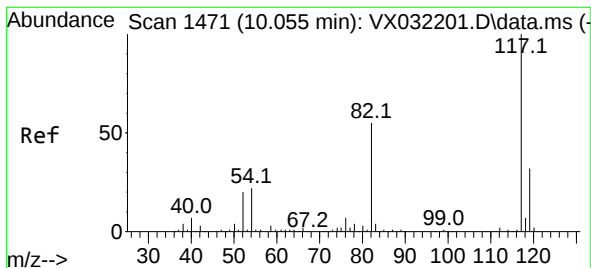
Tgt Ion: 98 Resp: 266988
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 48.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion: 95 Resp: 95708
Ion Ratio Lower Upper
95 100
174 81.0 0.0 166.8
176 77.8 0.0 161.4

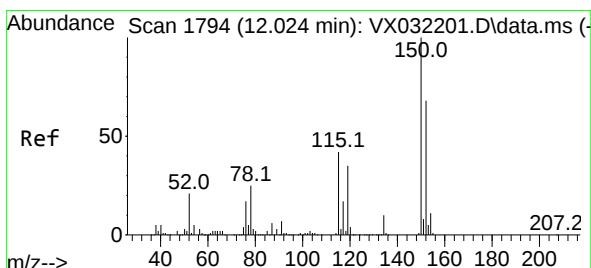
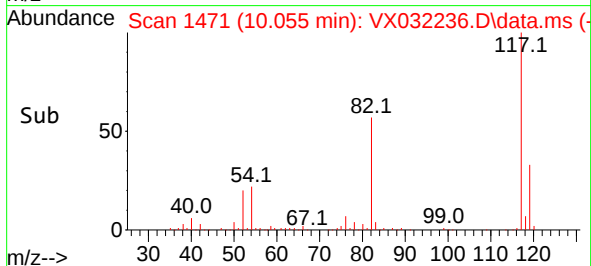
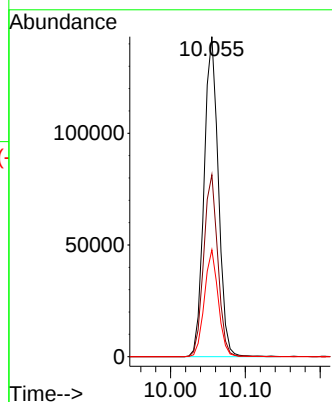
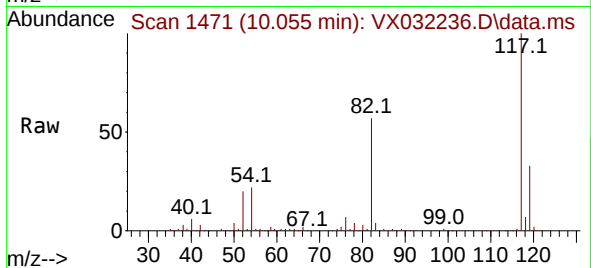




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Instrument :
MSVOA_X
ClientSampleId :
1431-1

Tgt Ion:117 Resp: 189958
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.4
119 33.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion:152 Resp: 89681
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 158.9 0.0 348.6

