

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032230.D
 Acq On : 20 Oct 2022 00:42
 Operator : JC/MD
 Sample : N5164-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 588A-1

Quant Time: Oct 20 05:23:13 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	140473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93973	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99725	54.572	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.140%
35) Dibromofluoromethane	5.385	113	76616	48.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	8.647	98	281586	49.324	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.640%
62) 4-Bromofluorobenzene	11.079	95	101102	48.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.720%

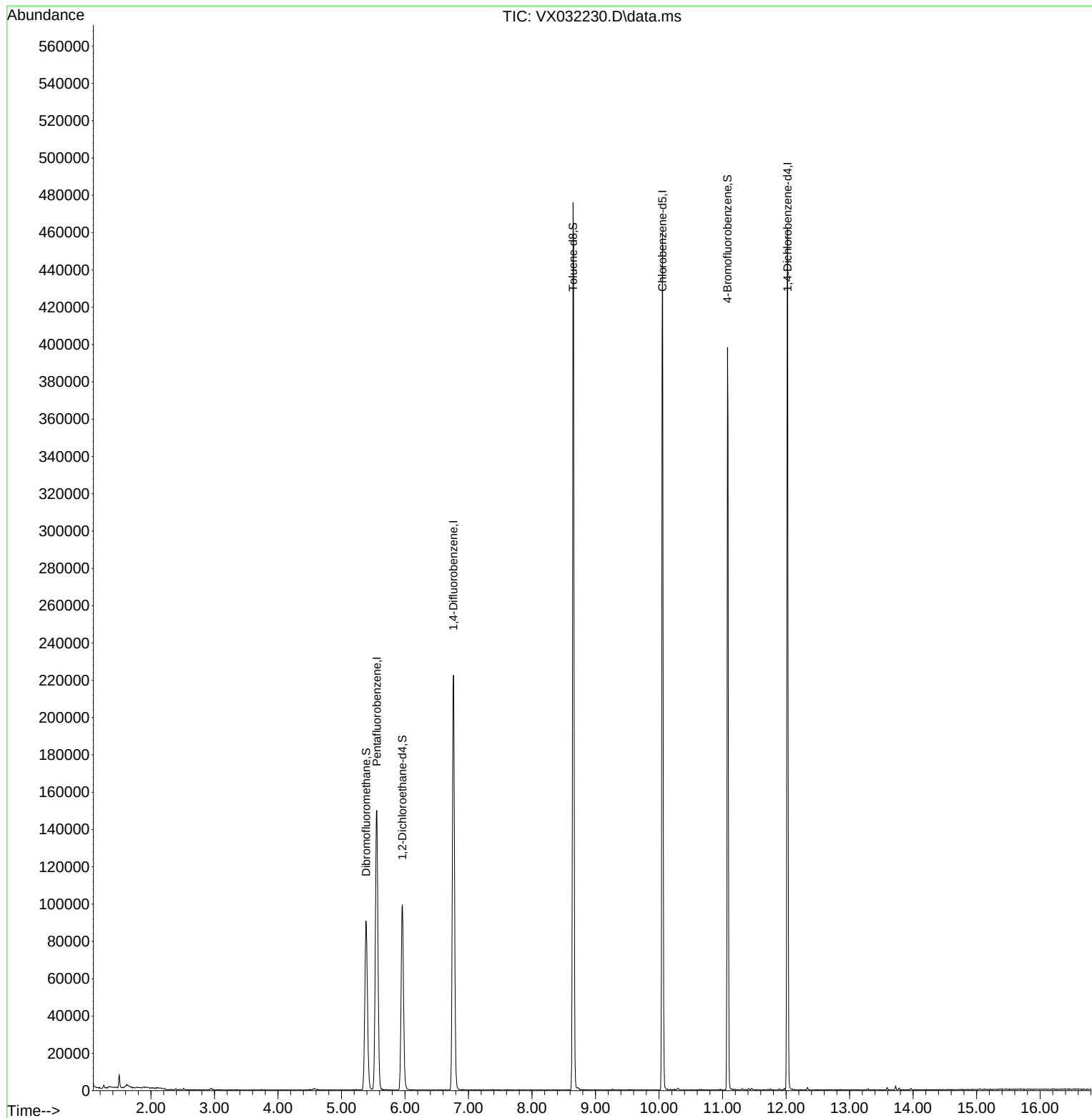
Target Compounds	Qvalue

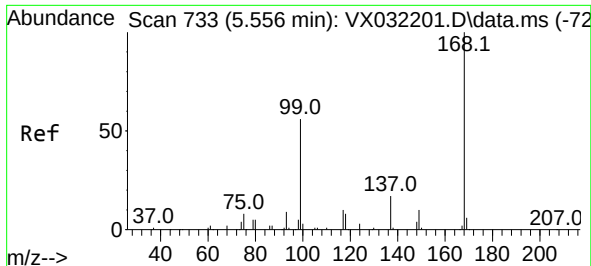
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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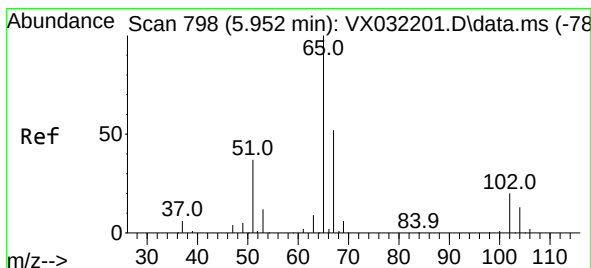
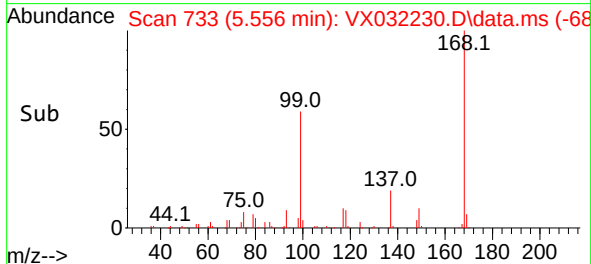
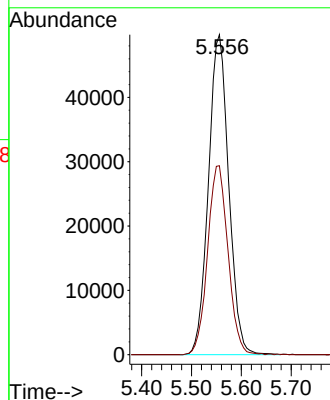
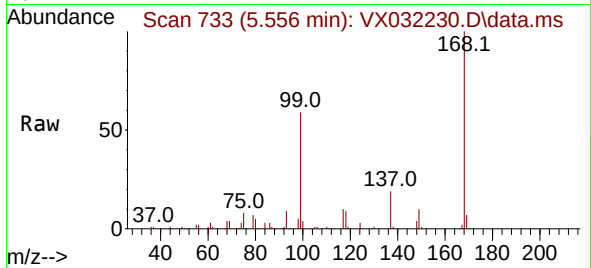




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032230.D
Acq: 20 Oct 2022 00:42

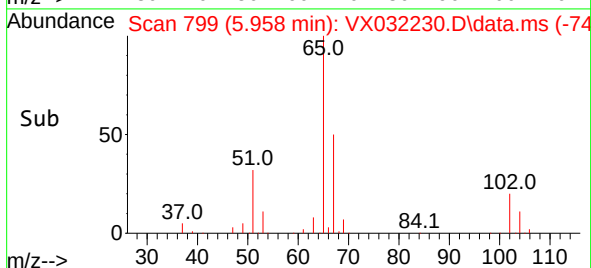
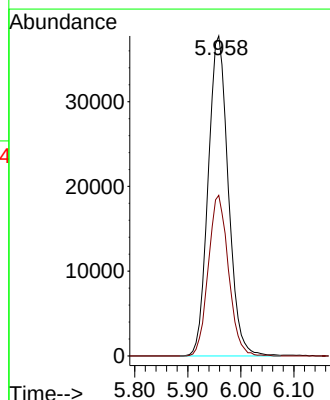
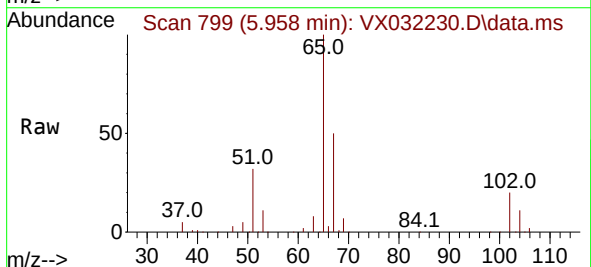
Instrument :
MSVOA_X
ClientSampleId :
588A-1

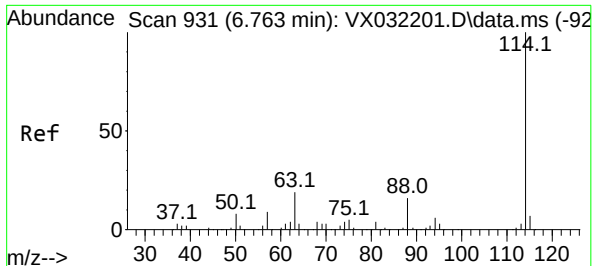
Tgt Ion:168 Resp: 140473
Ion Ratio Lower Upper
168 100
99 59.0 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 54.572 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032230.D
Acq: 20 Oct 2022 00:42

Tgt Ion: 65 Resp: 99725
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.6

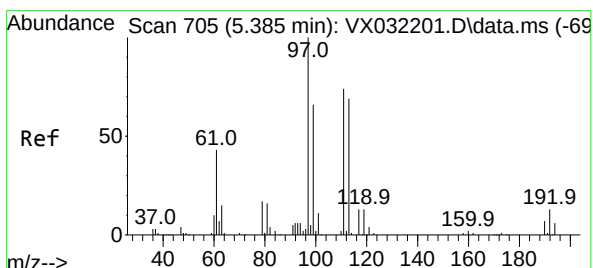
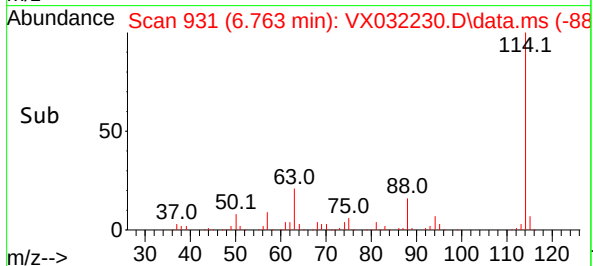
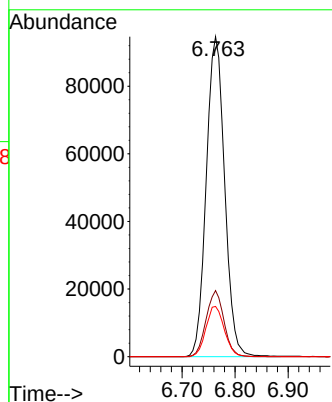
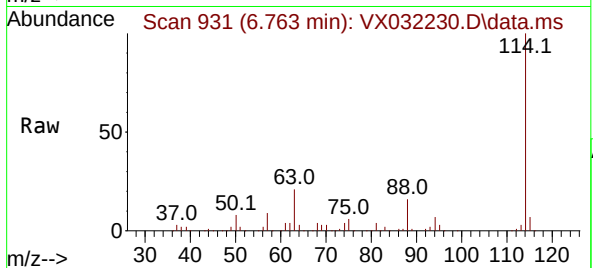




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032230.D
Acq: 20 Oct 2022 00:42

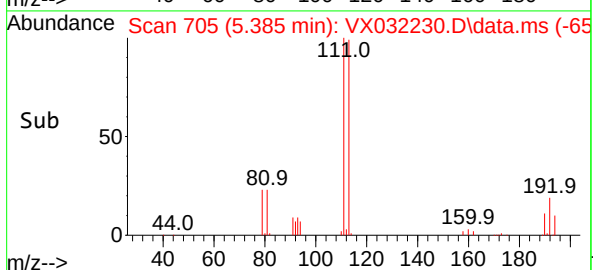
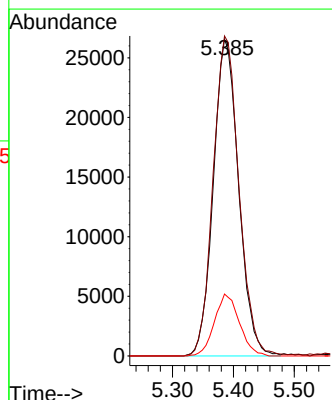
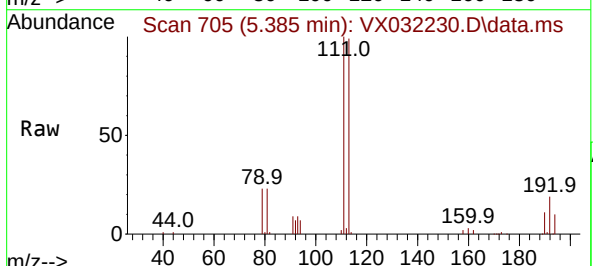
Instrument :
MSVOA_X
ClientSampleId :
588A-1

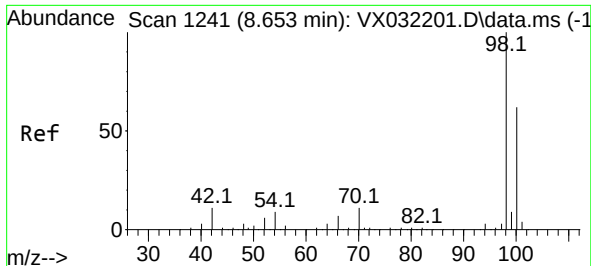
Tgt Ion:114 Resp: 227911
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.309 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032230.D
Acq: 20 Oct 2022 00:42

Tgt Ion:113 Resp: 76616
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 19.3 15.5 23.3

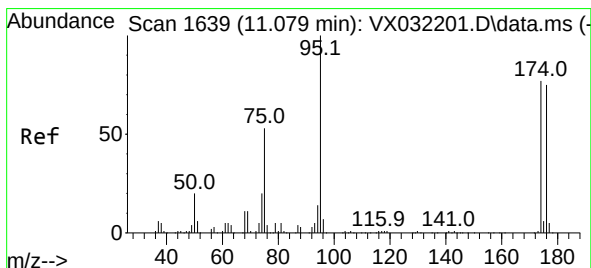
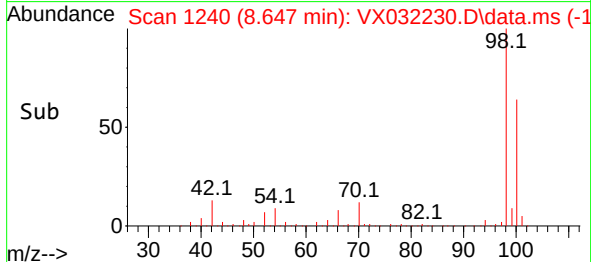
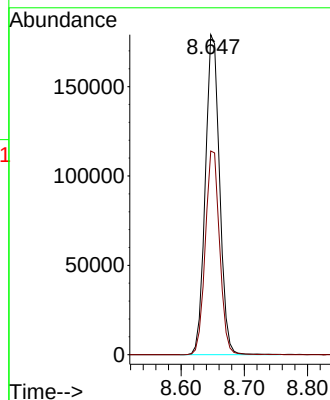
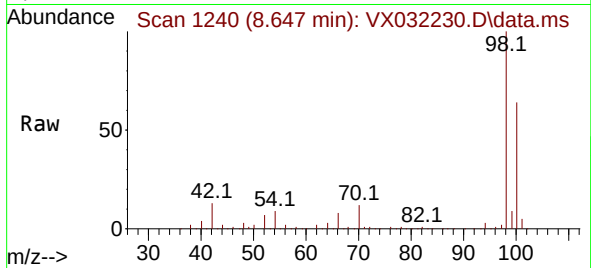




#50
Toluene-d8
Concen: 49.324 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032230.D
Acq: 20 Oct 2022 00:42

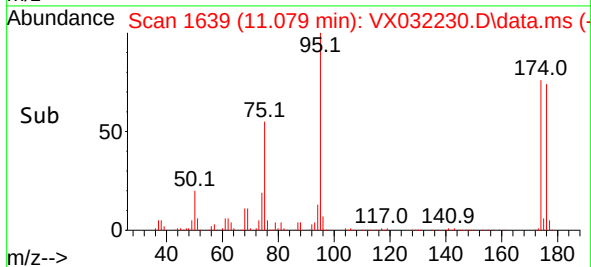
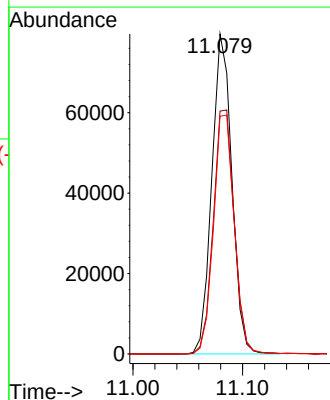
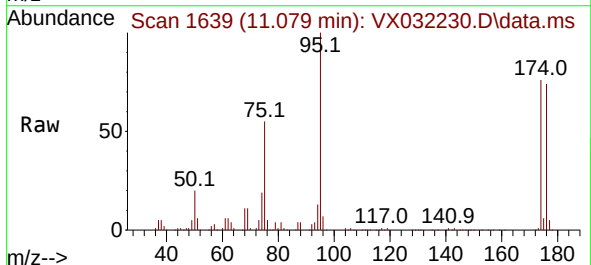
Instrument :
MSVOA_X
ClientSampleId :
588A-1

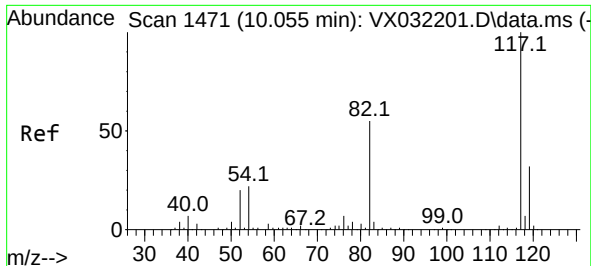
Tgt Ion: 98 Resp: 281586
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 48.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032230.D
Acq: 20 Oct 2022 00:42

Tgt Ion: 95 Resp: 101102
Ion Ratio Lower Upper
95 100
174 79.9 0.0 166.8
176 77.4 0.0 161.4

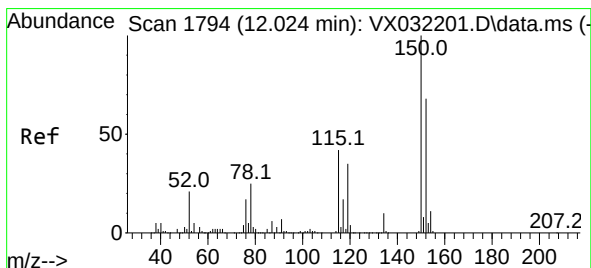
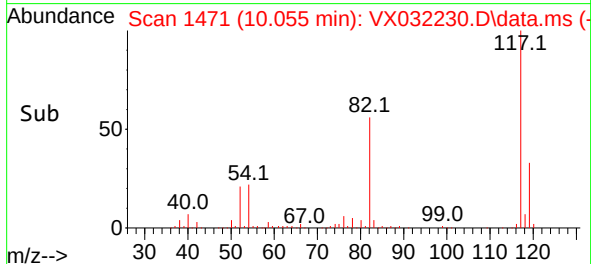
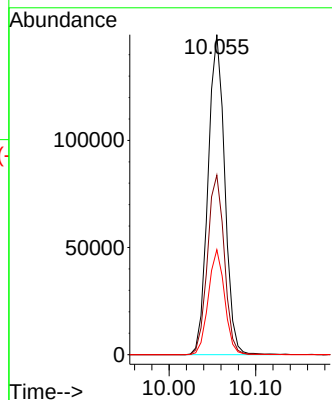
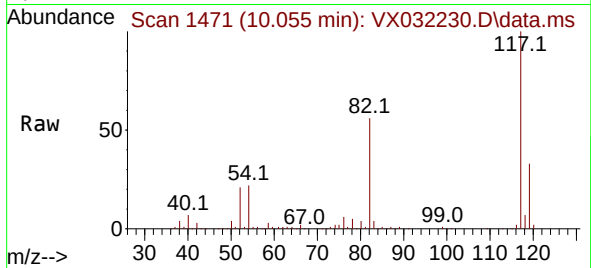




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032230.D
Acq: 20 Oct 2022 00:42

Instrument :
MSVOA_X
ClientSampleId :
588A-1

Tgt Ion:117 Resp: 199981
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.4
119 32.8 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: VX032230.D
Acq: 20 Oct 2022 00:42

Tgt Ion:152 Resp: 93973
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 158.8 0.0 348.6

