

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036450.D
 Acq On : 07 Jul 2023 10:34
 Operator : JC/MD
 Sample : VX0707WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBL01

Quant Time: Jul 07 23:01:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	188530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	320042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130997	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120506	44.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.180%
35) Dibromofluoromethane	5.385	113	98821	46.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.647	98	388378	49.275	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	135798	48.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%

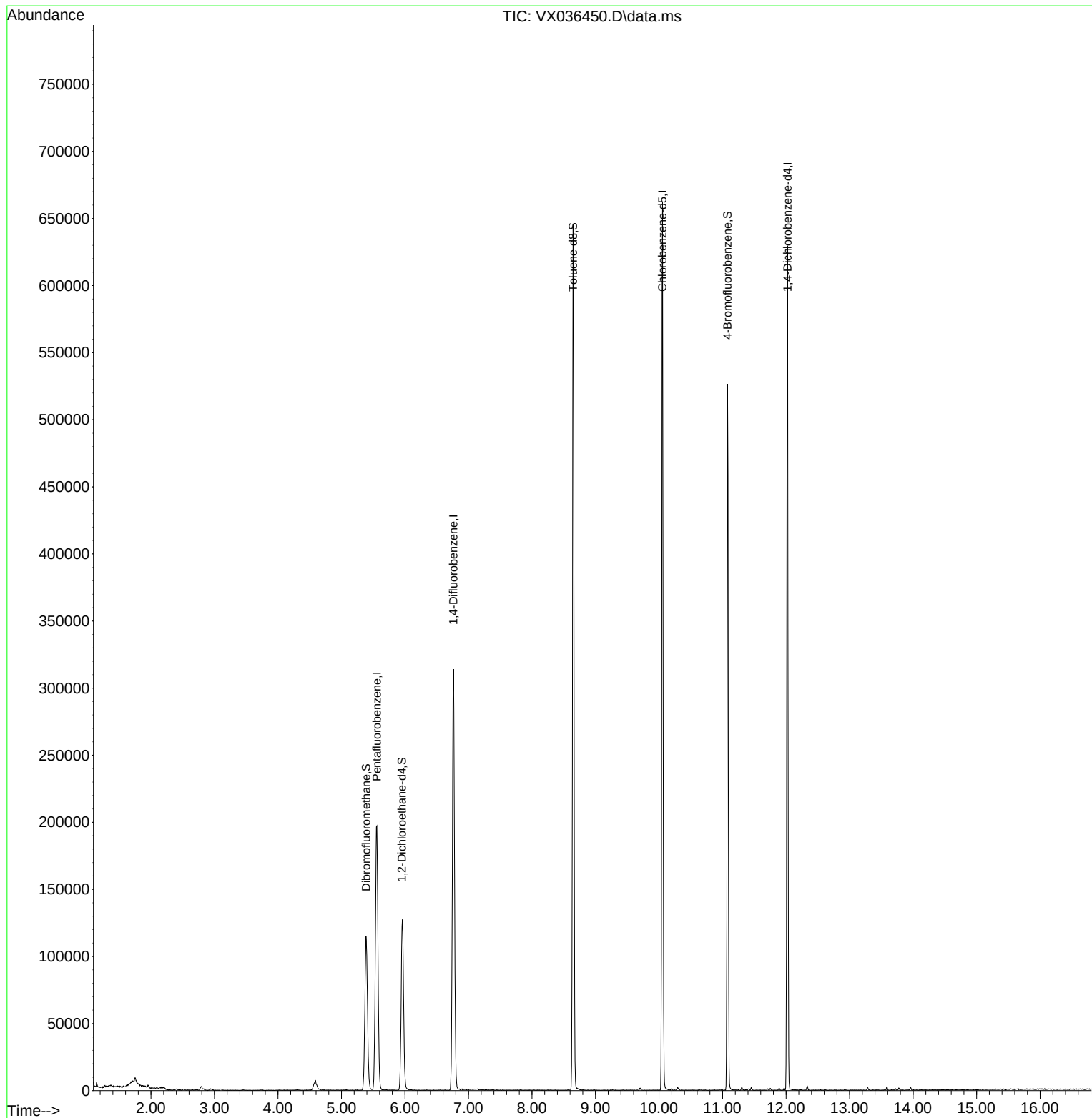
Target Compounds	Qvalue

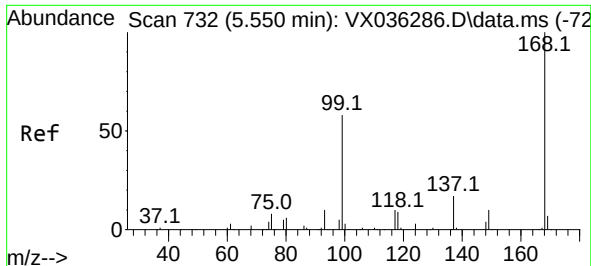
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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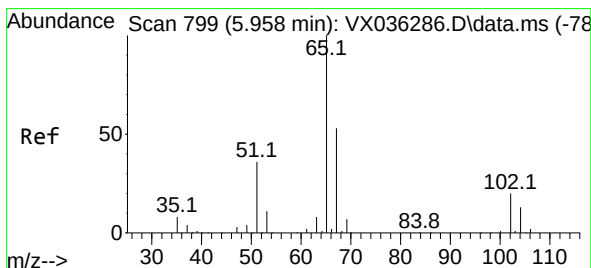
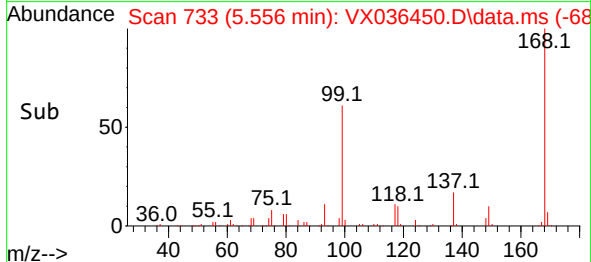
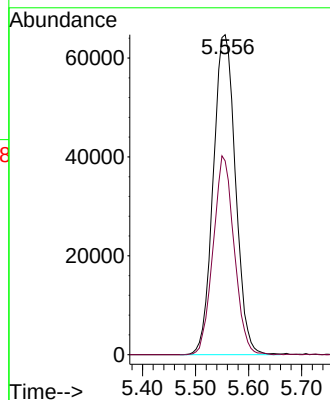
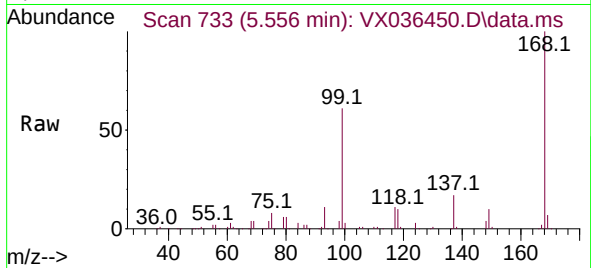




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.007 min
Lab File: VX036450.D
Acq: 07 Jul 2023 10:34

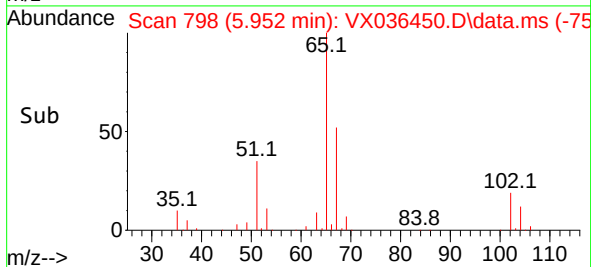
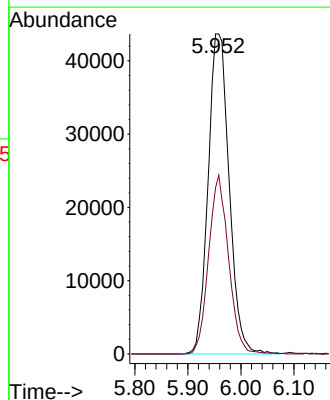
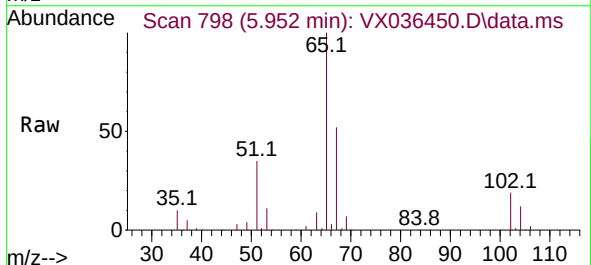
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

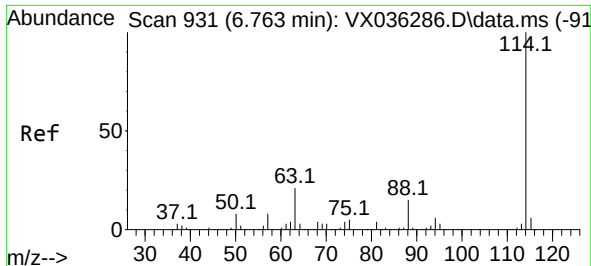
Tgt Ion:168 Resp: 188530
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.591 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036450.D
Acq: 07 Jul 2023 10:34

Tgt Ion: 65 Resp: 120506
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

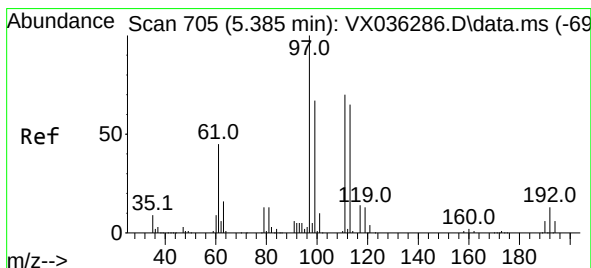
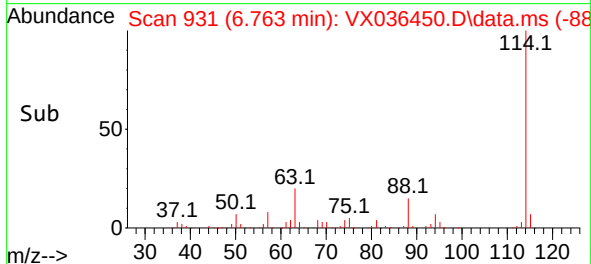
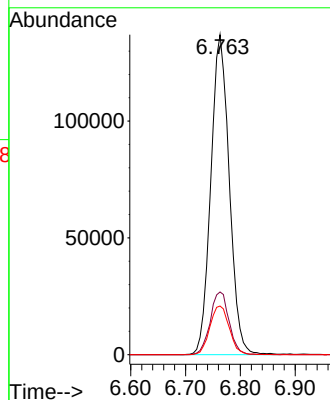
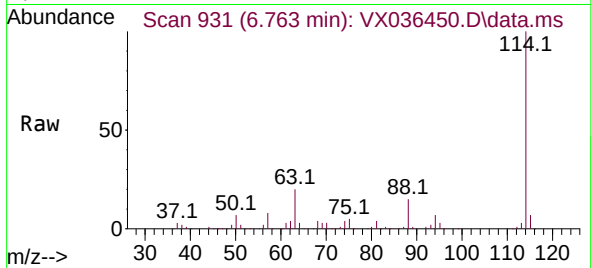




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036450.D
Acq: 07 Jul 2023 10:34

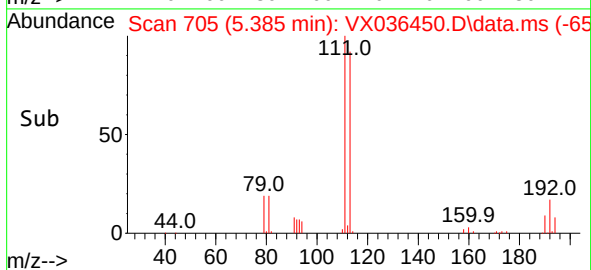
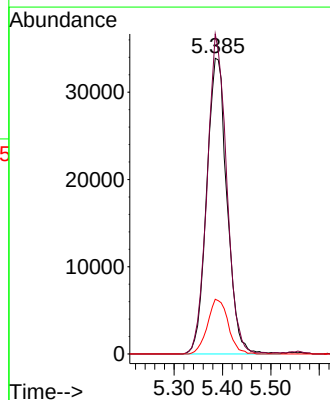
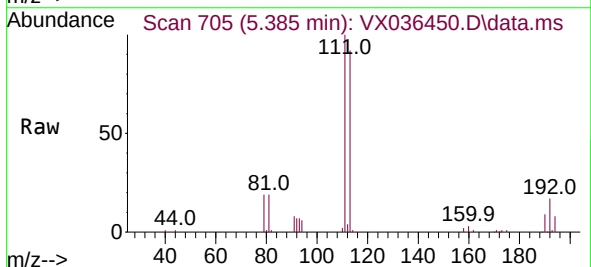
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

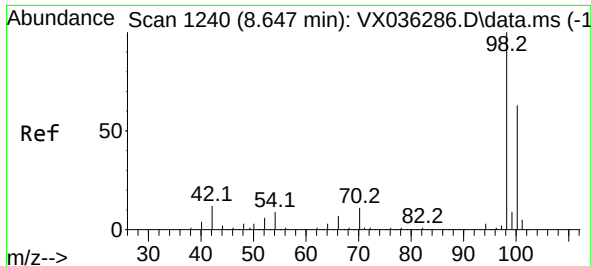
Tgt Ion:114 Resp: 320042
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.829 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036450.D
Acq: 07 Jul 2023 10:34

Tgt Ion:113 Resp: 98821
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.8 13.3 19.9

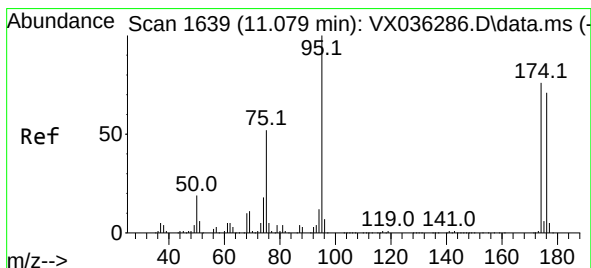
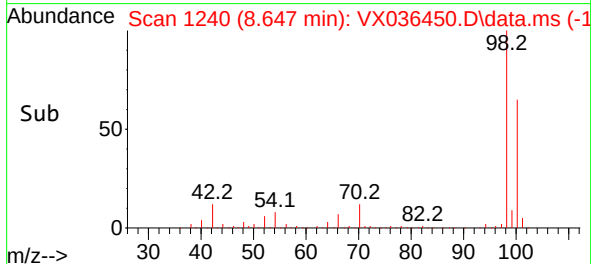
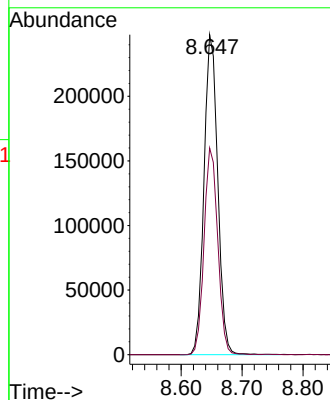
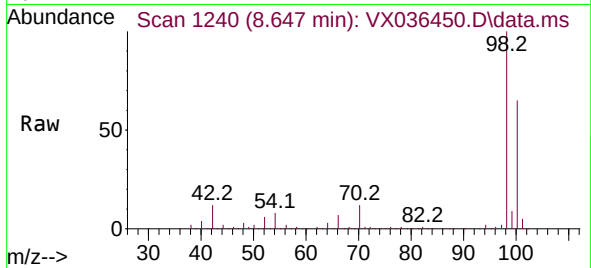




#50
Toluene-d8
Concen: 49.275 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036450.D
Acq: 07 Jul 2023 10:34

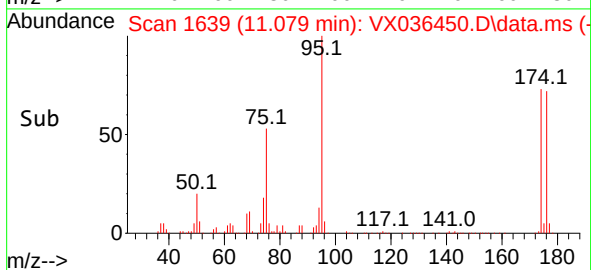
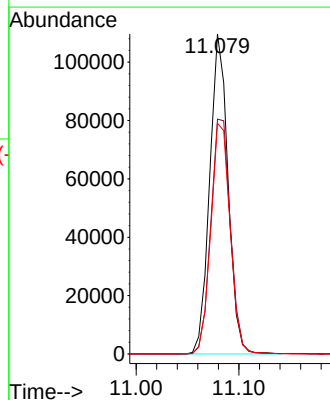
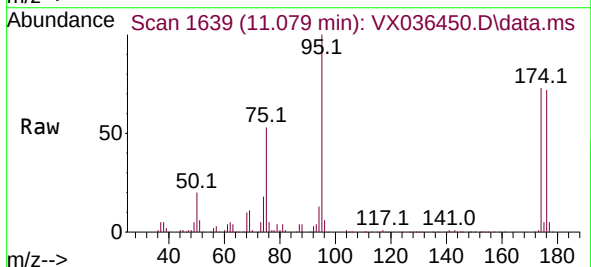
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

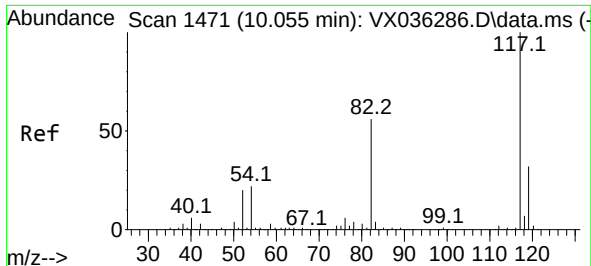
Tgt Ion: 98 Resp: 388378
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.914 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036450.D
Acq: 07 Jul 2023 10:34

Tgt Ion: 95 Resp: 135798
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 75.9 0.0 131.0

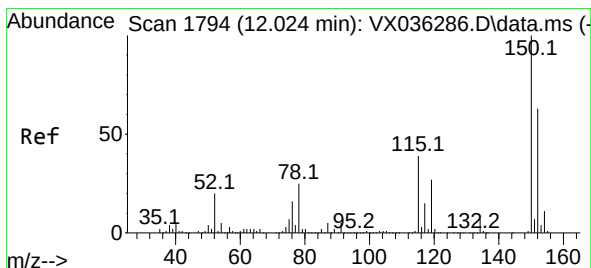
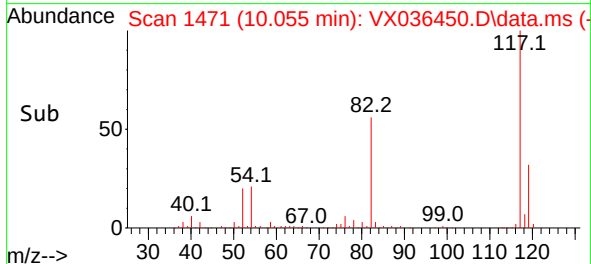
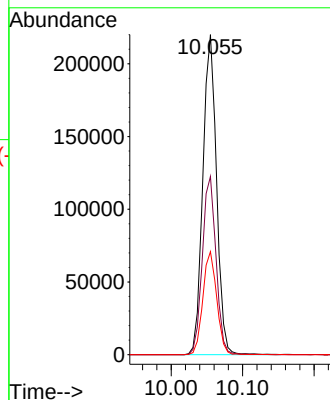
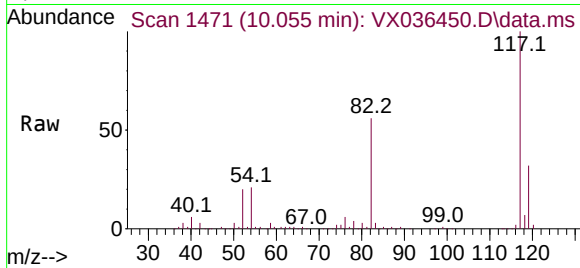




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036450.D
Acq: 07 Jul 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

Tgt Ion:117 Resp: 292609
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036450.D
Acq: 07 Jul 2023 10:34

Tgt Ion:152 Resp: 130997
Ion Ratio Lower Upper
152 100
115 59.2 43.3 129.9
150 156.8 0.0 345.0

