

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035941.D
 Acq On : 31 May 2023 17:08
 Operator : JC/MD
 Sample : 02971-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01

Quant Time: May 31 17:33:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	203159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	334640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155145	47.028	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.060%
35) Dibromofluoromethane	5.385	113	106449	47.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	412635	51.082	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.160%
62) 4-Bromofluorobenzene	11.079	95	156581	49.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.200%

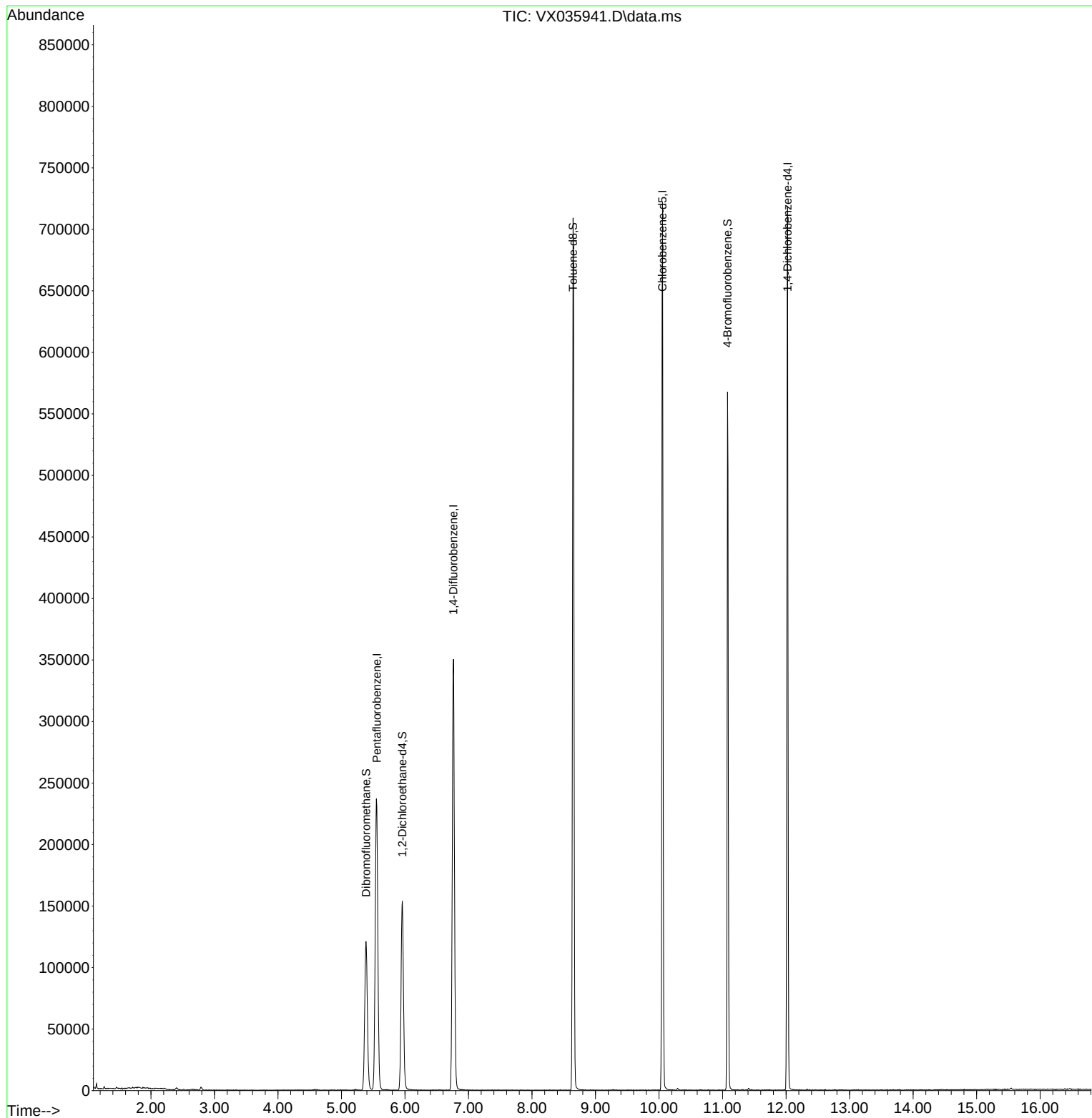
Target Compounds	Qvalue

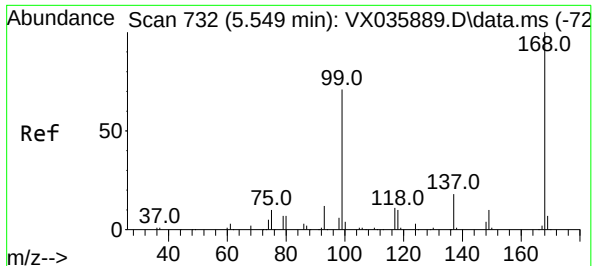
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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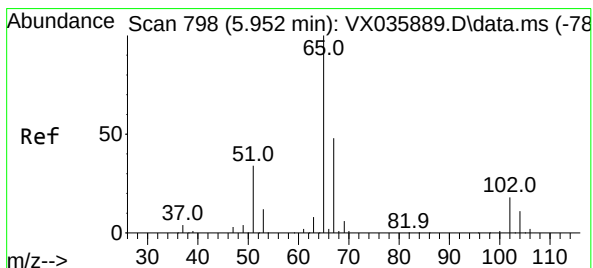
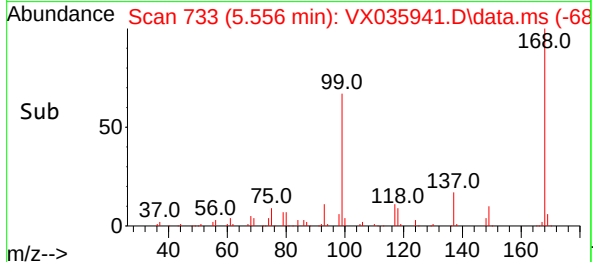
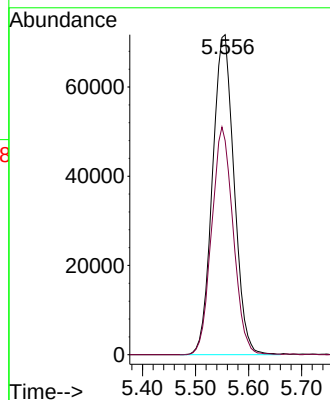
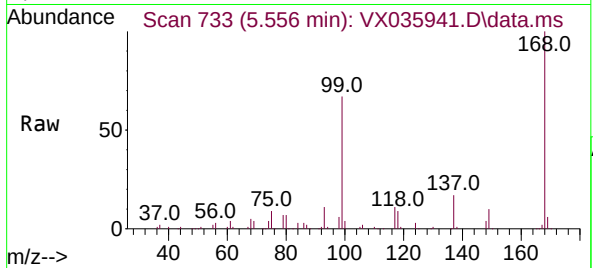




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.007 min
Lab File: VX035941.D
Acq: 31 May 2023 17:08

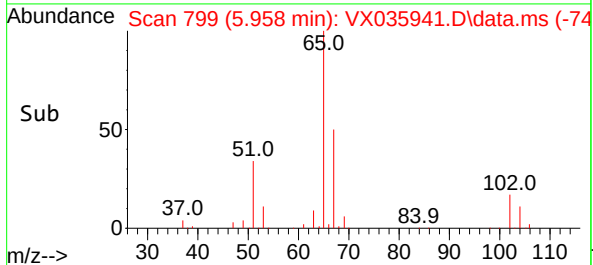
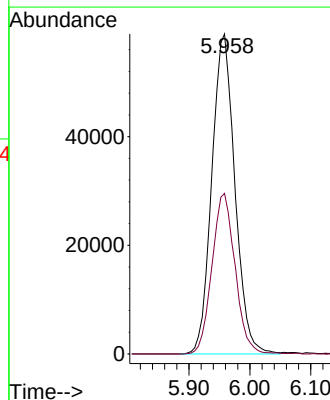
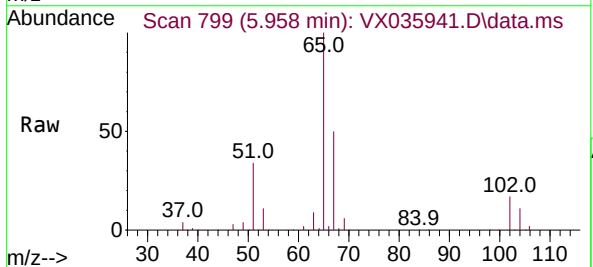
Instrument :
MSVOA_X
ClientSampleId :
FB01

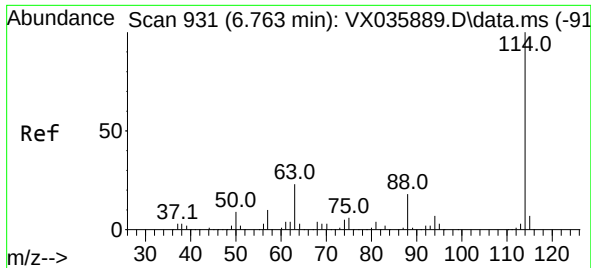
Tgt Ion:168 Resp: 203159
Ion Ratio Lower Upper
168 100
99 66.8 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 47.028 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035941.D
Acq: 31 May 2023 17:08

Tgt Ion: 65 Resp: 155145
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.6

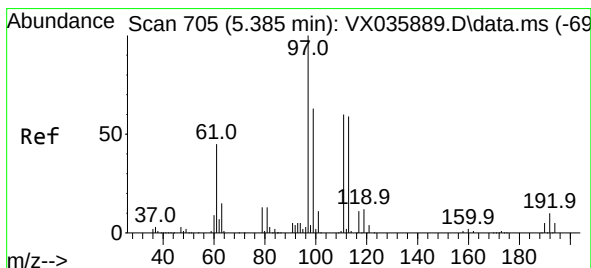
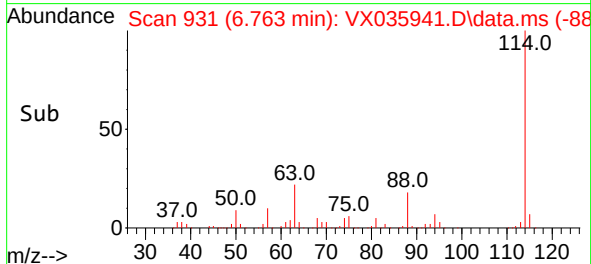
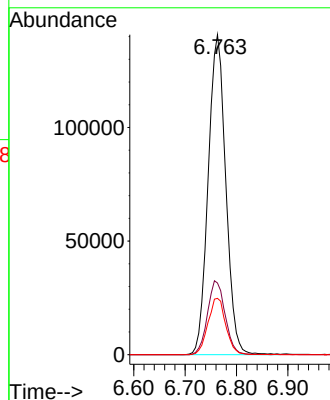
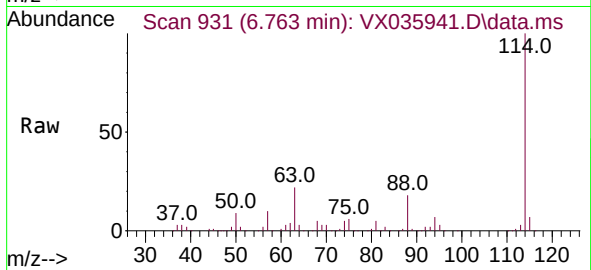




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX035941.D
 Acq: 31 May 2023 17:08

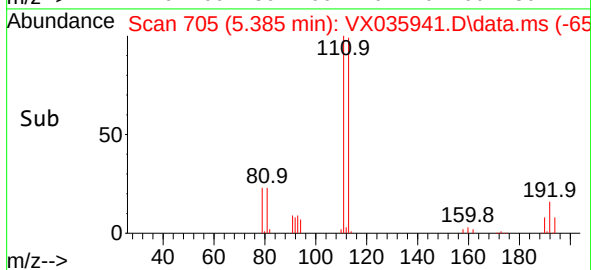
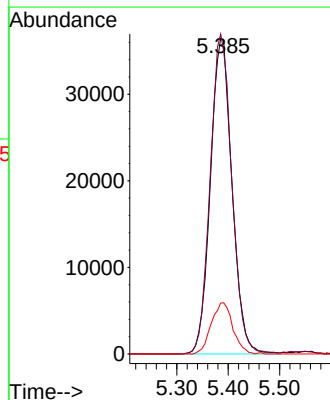
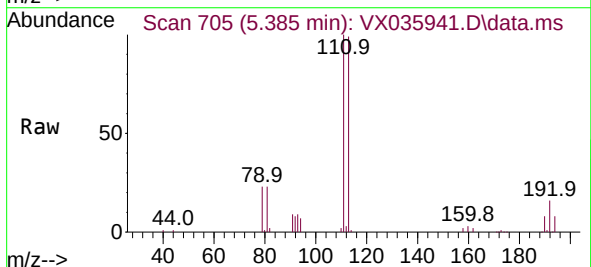
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01

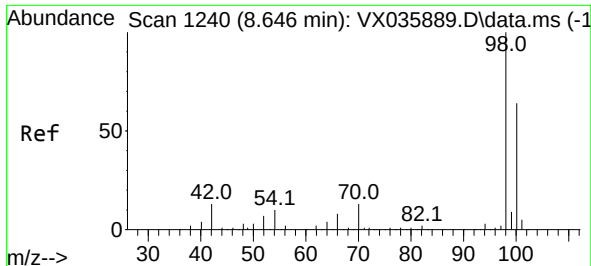
Tgt Ion:114 Resp: 334640
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.0
 88 17.6 0.0 35.2



#35
 Dibromofluoromethane
 Concen: 47.294 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035941.D
 Acq: 31 May 2023 17:08

Tgt Ion:113 Resp: 106449
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.7 122.5
 192 16.1 13.5 20.3

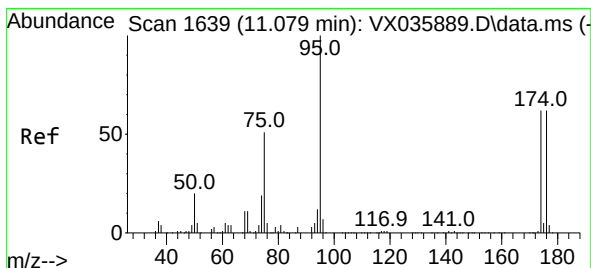
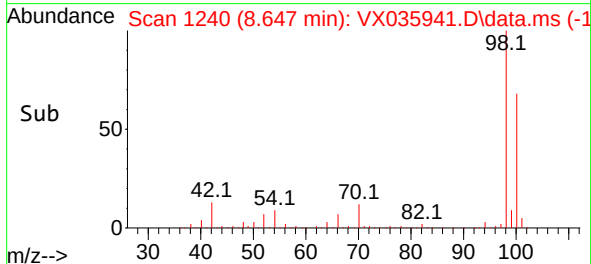
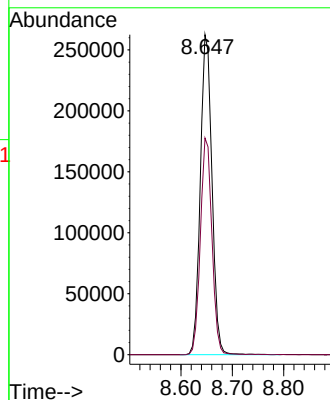
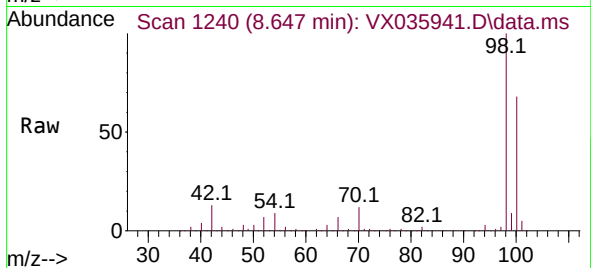




#50
Toluene-d8
Concen: 51.082 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035941.D
Acq: 31 May 2023 17:08

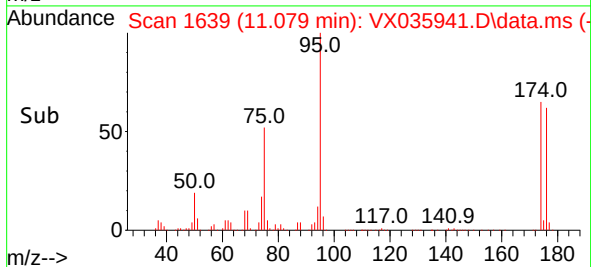
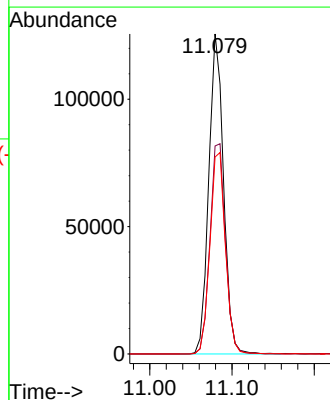
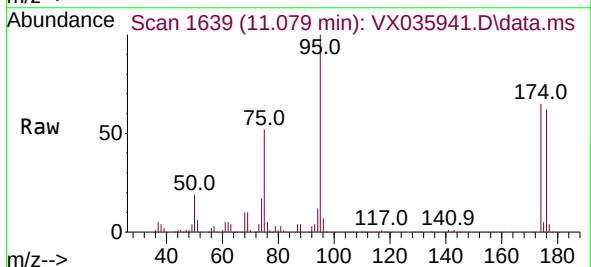
Instrument :
MSVOA_X
ClientSampleId :
FB01

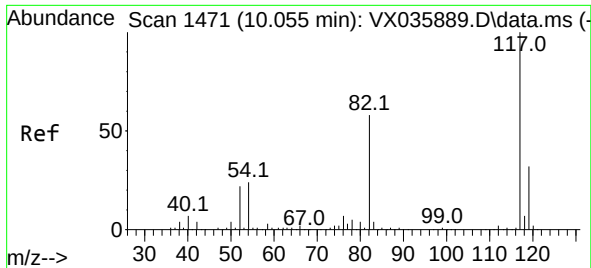
Tgt Ion: 98 Resp: 412635
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035941.D
Acq: 31 May 2023 17:08

Tgt Ion: 95 Resp: 156581
Ion Ratio Lower Upper
95 100
174 68.9 0.0 132.6
176 66.2 0.0 128.0

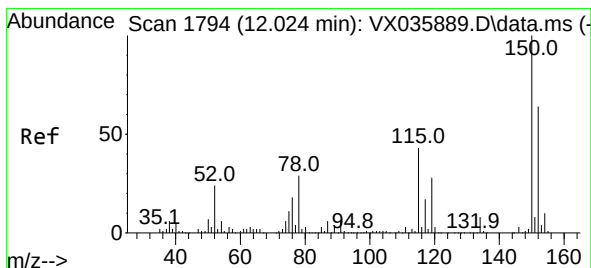
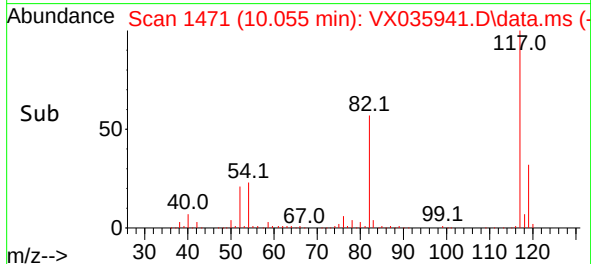
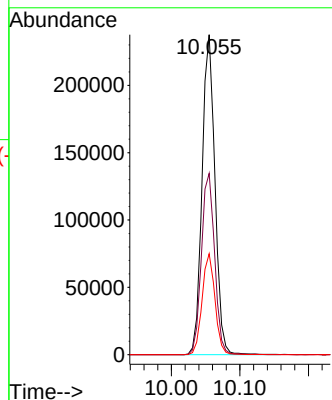
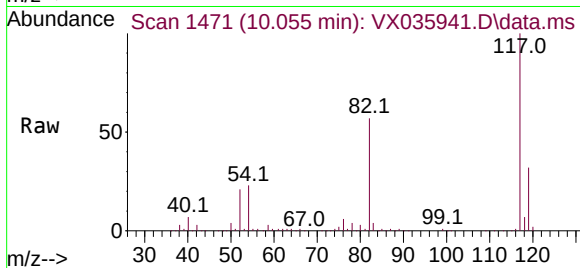




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035941.D
Acq: 31 May 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
FB01

Tgt Ion:117 Resp: 311521
Ion Ratio Lower Upper
117 100
82 56.6 46.6 69.8
119 31.6 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: VX035941.D
Acq: 31 May 2023 17:08

Tgt Ion:152 Resp: 144167
Ion Ratio Lower Upper
152 100
115 65.3 45.5 136.5
150 158.3 0.0 345.2

