

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035962.D
 Acq On : 01 Jun 2023 16:11
 Operator : JC/MD
 Sample : 03005-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12

Quant Time: Jun 02 01:42:10 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	5.550	168	203214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	328910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	141220	42.795	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.600%
35) Dibromofluoromethane	5.385	113	100348	45.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.647	98	385880	48.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	146631	46.784	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.560%

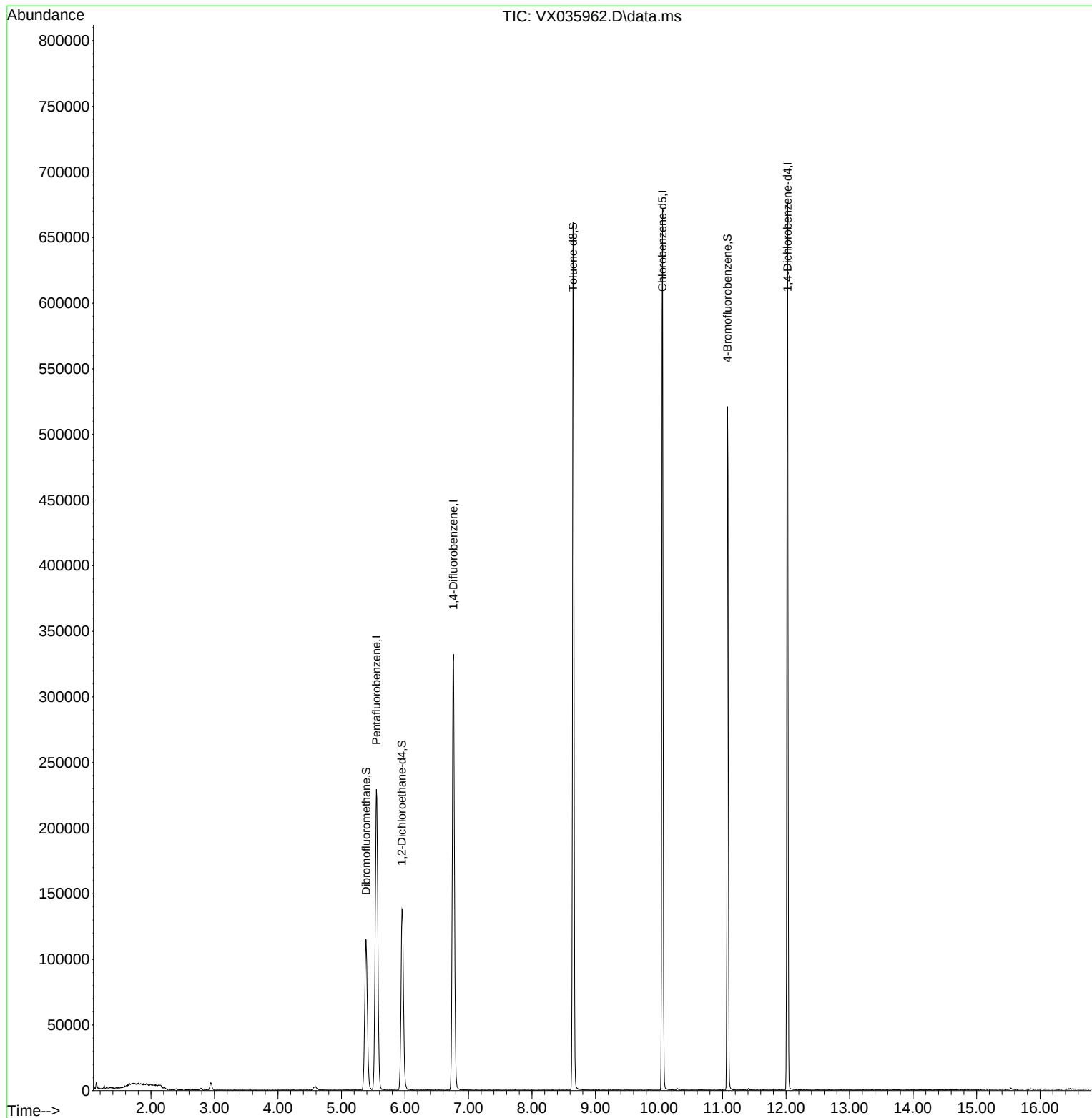
Target Compounds	Qvalue

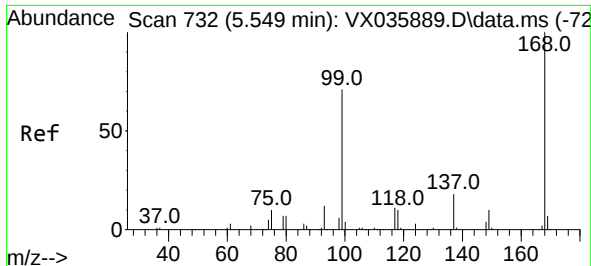
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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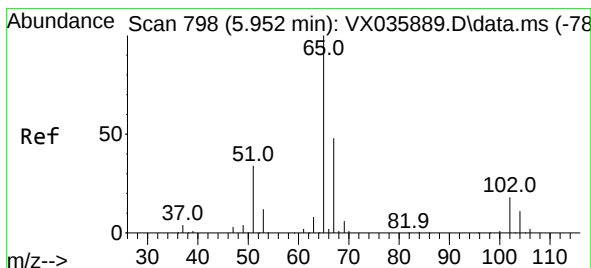
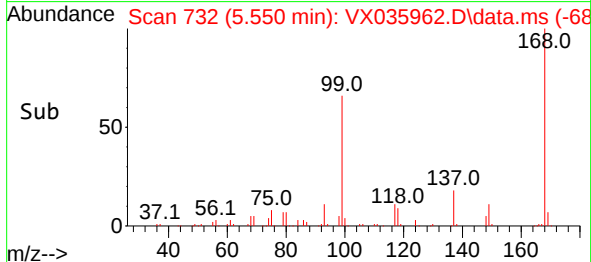
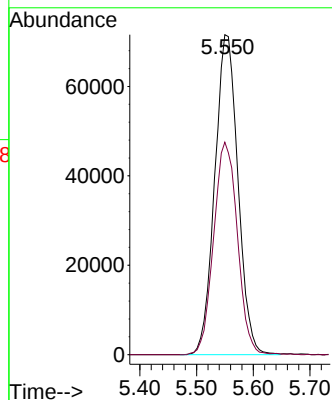
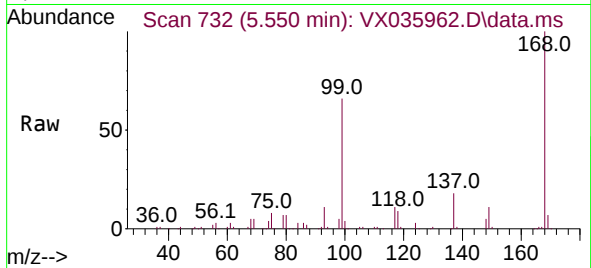




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

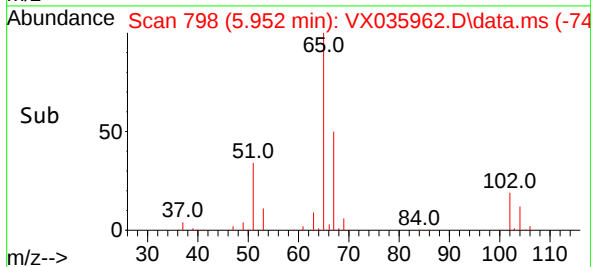
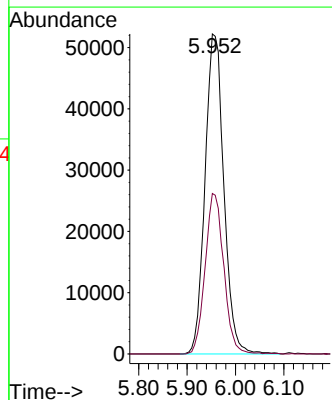
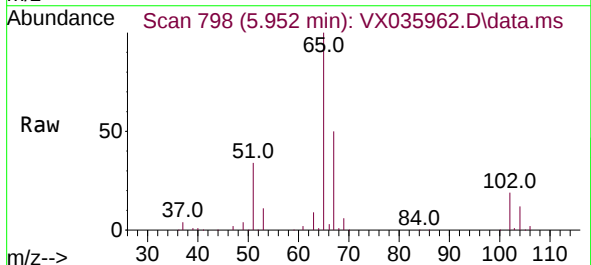
Instrument :
MSVOA_X
ClientSampleId :
TP-12

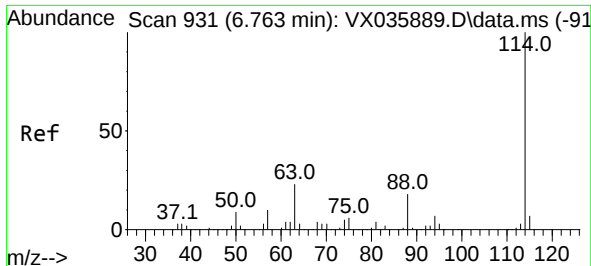
Tgt Ion:168 Resp: 203214
Ion Ratio Lower Upper
168 100
99 66.4 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 42.795 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion: 65 Resp: 141220
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.6

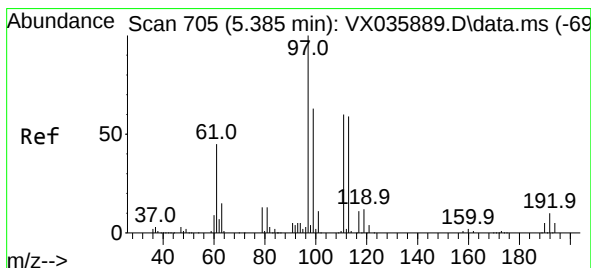
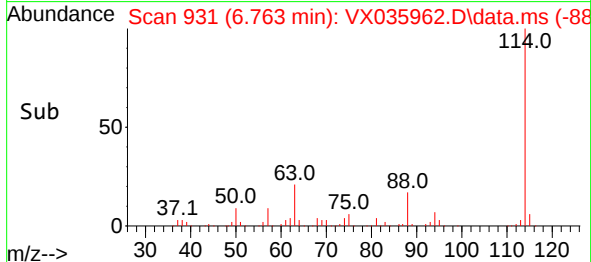
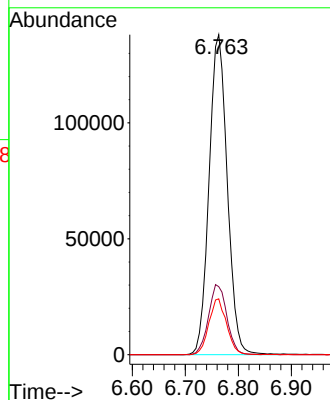
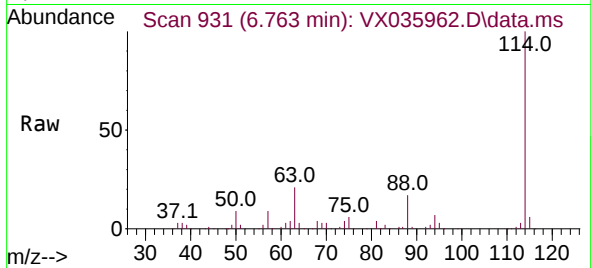




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

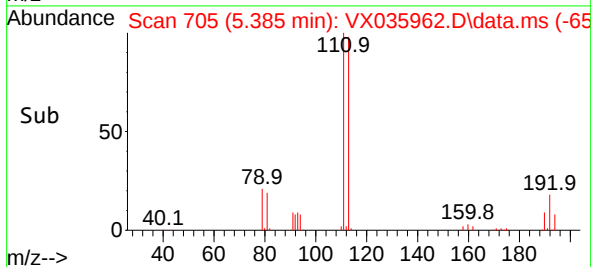
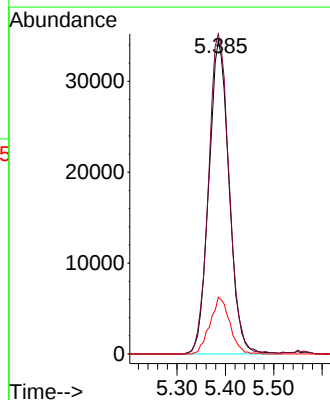
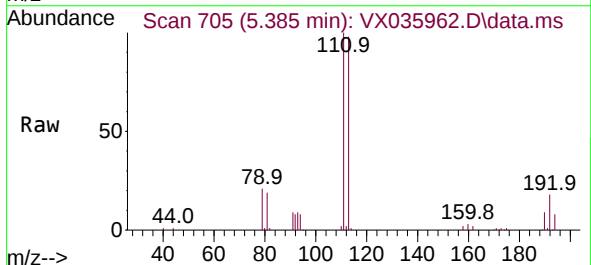
Instrument :
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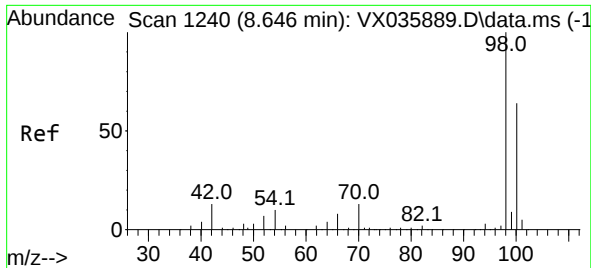
Tgt Ion:114 Resp: 328910
Ion Ratio Lower Upper
114 100
63 21.3 0.0 46.0
88 17.4 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.361 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion:113 Resp: 100348
Ion Ratio Lower Upper
113 100
111 103.6 81.7 122.5
192 17.6 13.5 20.3

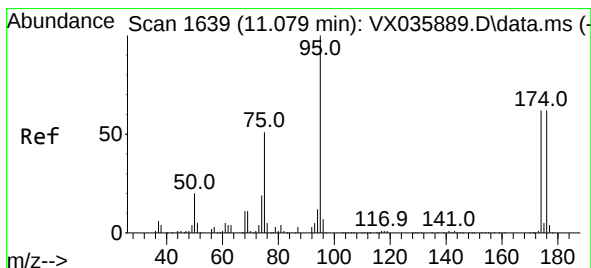
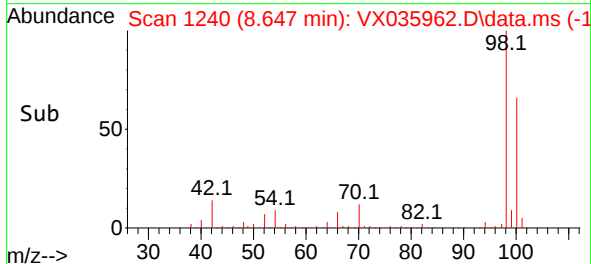
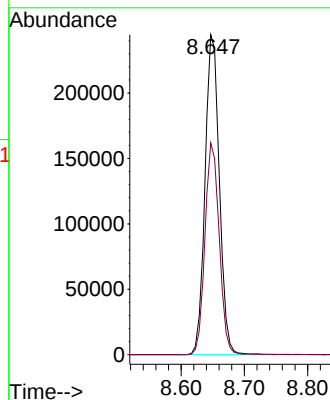
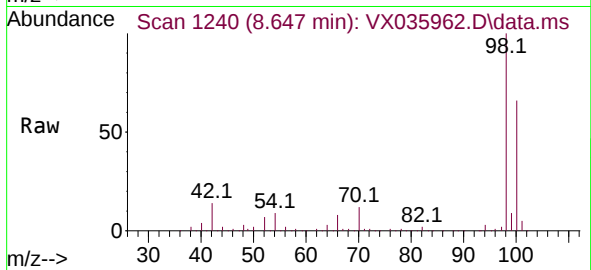




#50
Toluene-d8
Concen: 48.602 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

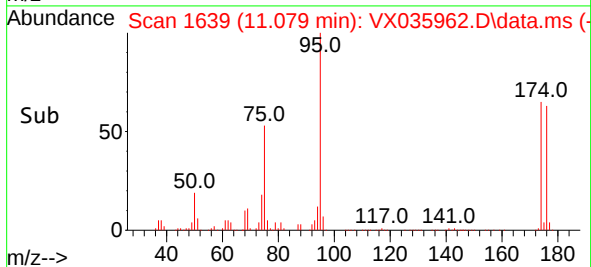
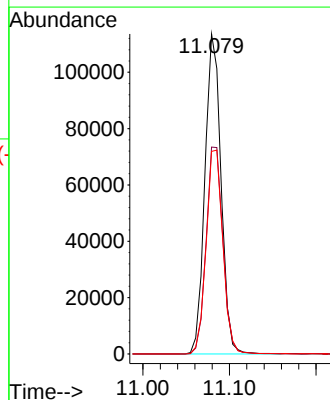
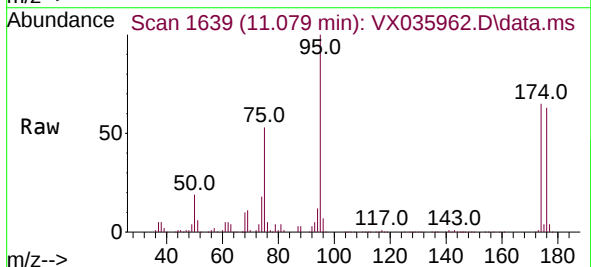
Instrument :
MSVOA_X
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TP-12

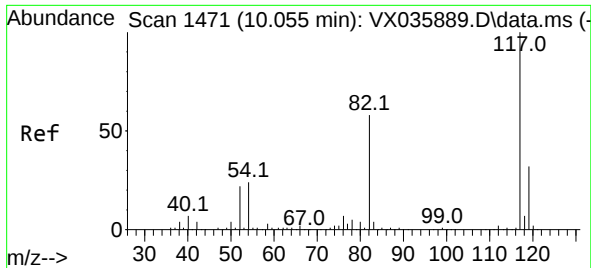
Tgt Ion: 98 Resp: 385880
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 46.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion: 95 Resp: 146631
Ion Ratio Lower Upper
95 100
174 67.5 0.0 132.6
176 66.3 0.0 128.0

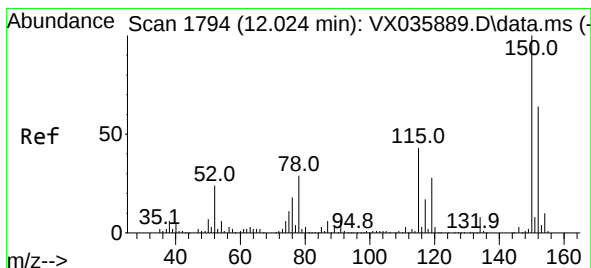
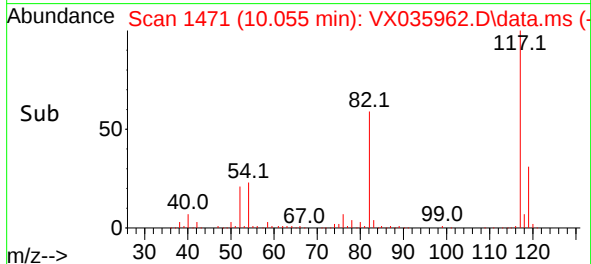
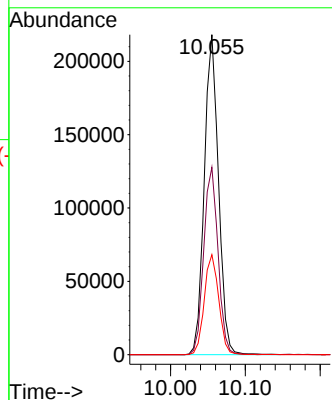
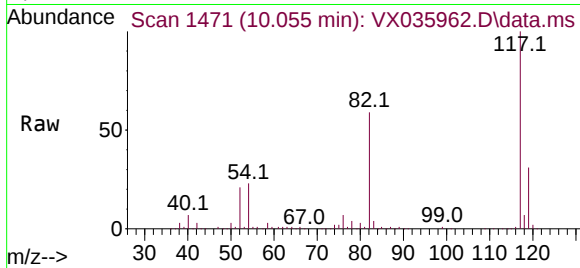




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Instrument :
MSVOA_X
ClientSampleId :
TP-12

Tgt Ion:117 Resp: 287971
Ion Ratio Lower Upper
117 100
82 58.5 46.6 69.8
119 31.2 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: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion:152 Resp: 135612
Ion Ratio Lower Upper
152 100
115 63.1 45.5 136.5
150 156.1 0.0 345.2

