

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033509.D
 Acq On : 20 Dec 2022 15:40
 Operator : JC/MD
 Sample : N6149-07 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FAIR-1

Quant Time: Dec 21 04:15:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34823	45.799	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.600%
35) Dibromofluoromethane	5.391	113	39422	46.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.780%
50) Toluene-d8	8.647	98	82825	46.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.180%
62) 4-Bromofluorobenzene	11.079	95	66954	49.259	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%

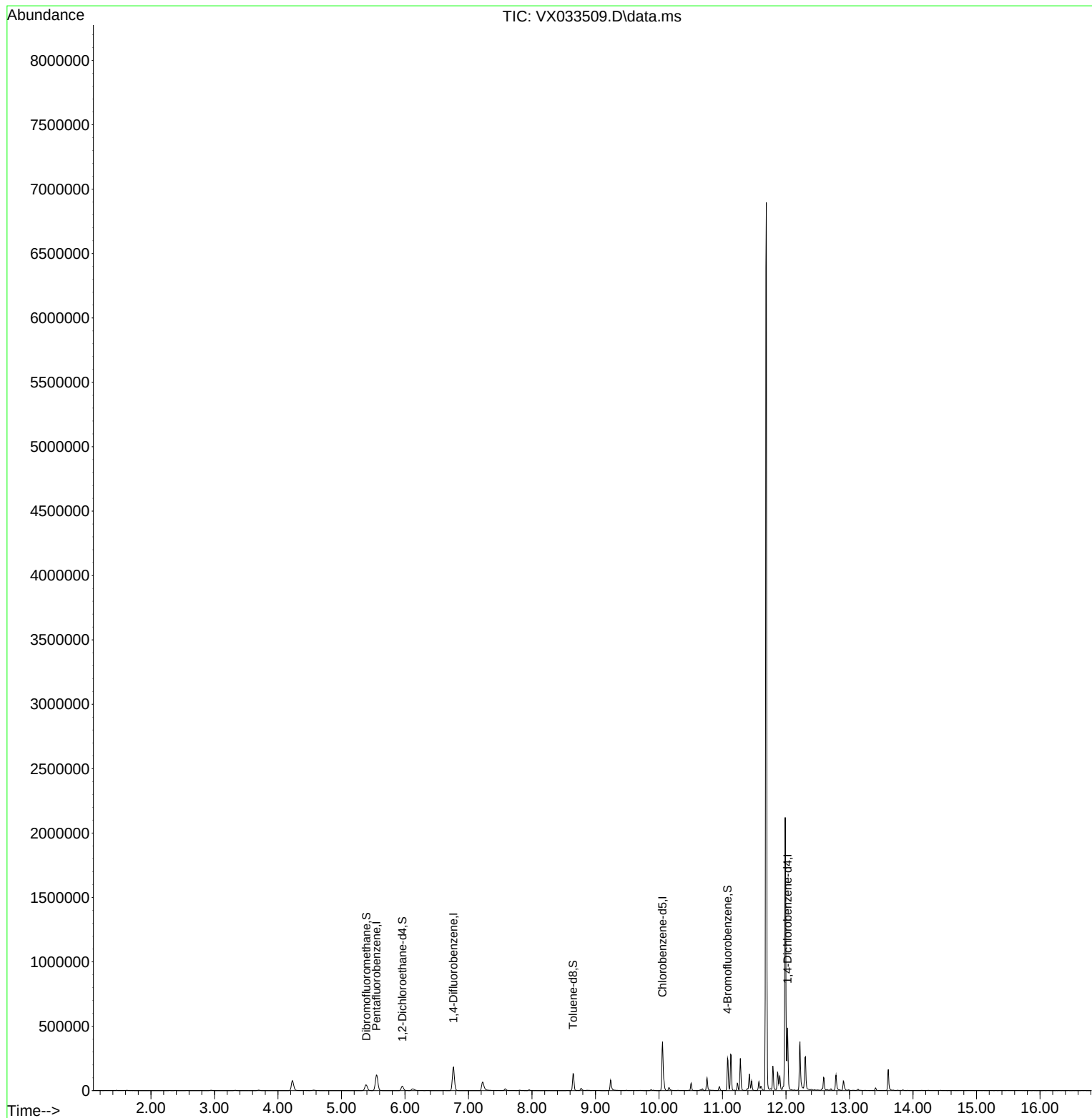
Target Compounds	Qvalue

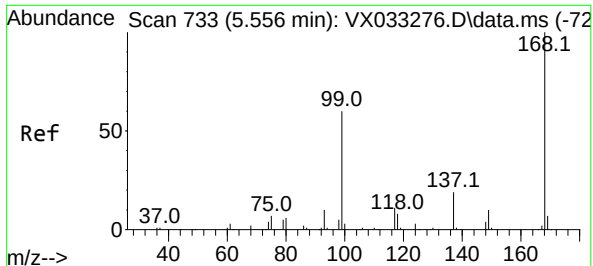
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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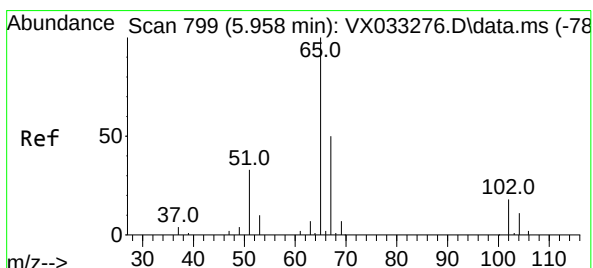
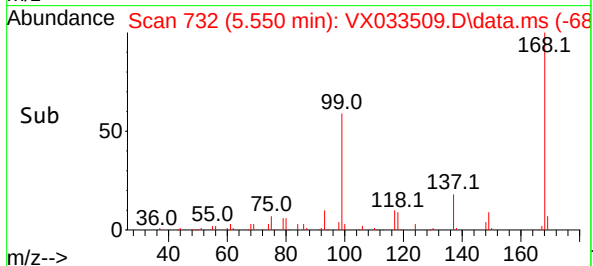
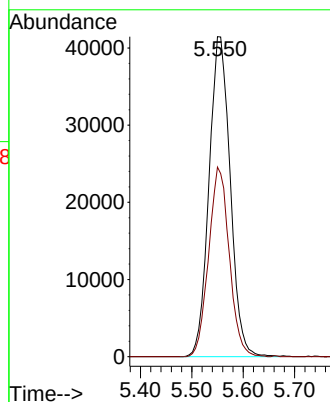
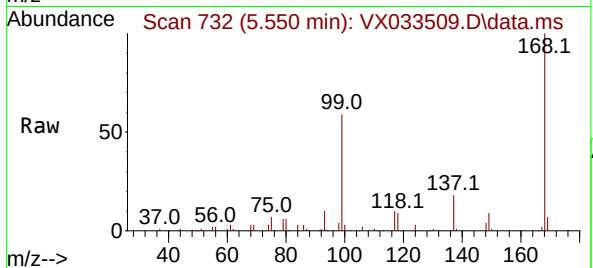




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

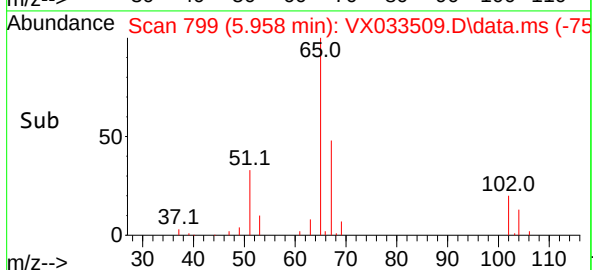
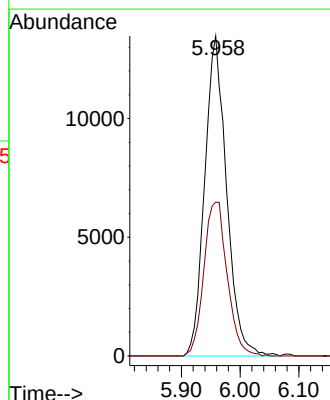
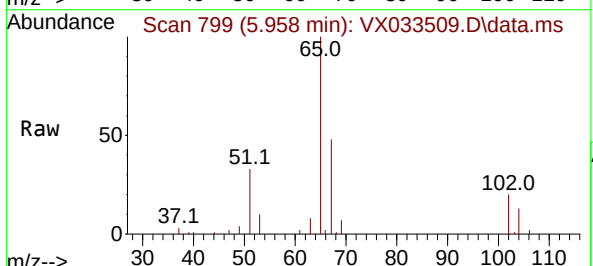
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

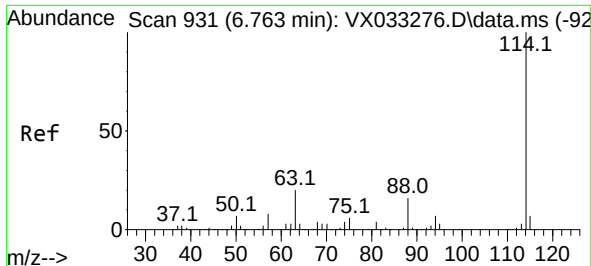
Tgt Ion:168 Resp: 118519
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 45.799 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 65 Resp: 34823
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

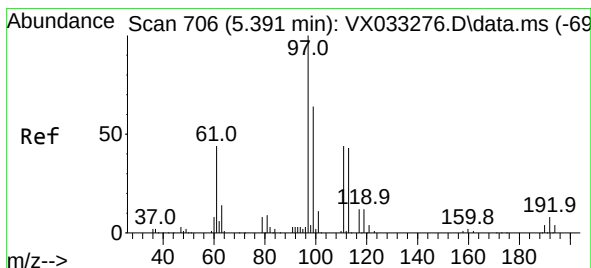
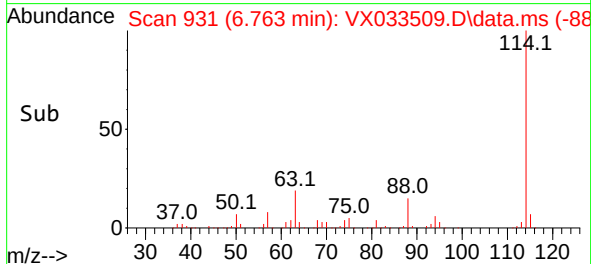
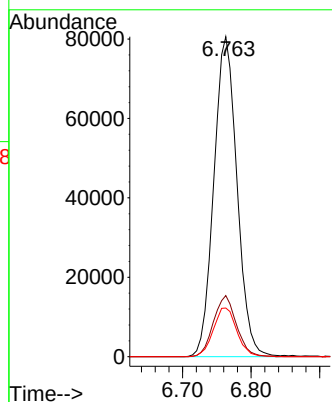
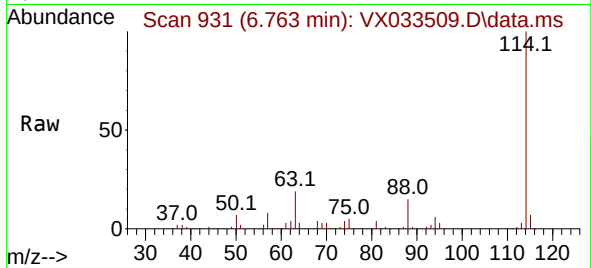




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

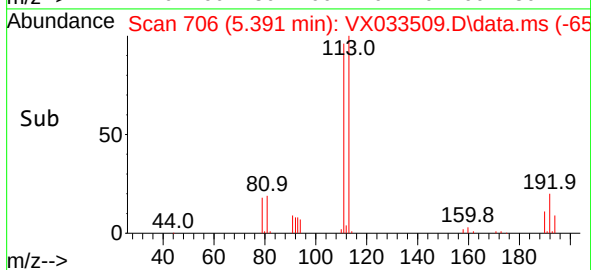
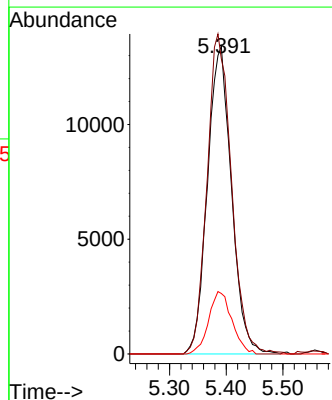
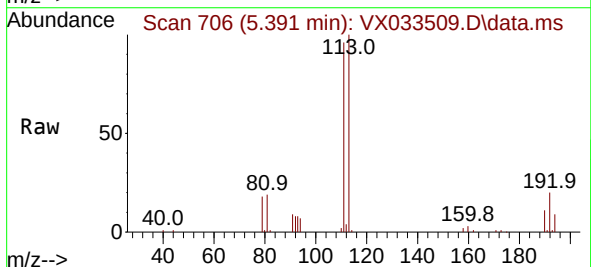
Instrument :
MSVOA_X
ClientSampleId :
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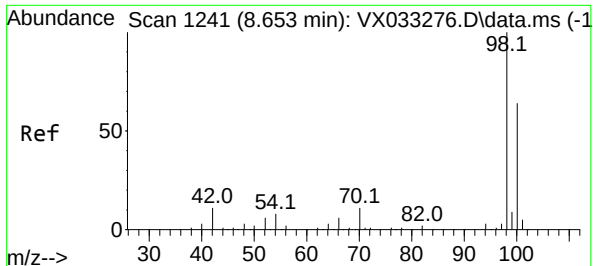
Tgt Ion:114 Resp: 188929
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.392 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion:113 Resp: 39422
Ion Ratio Lower Upper
113 100
111 105.5 82.4 123.6
192 19.6 15.4 23.2

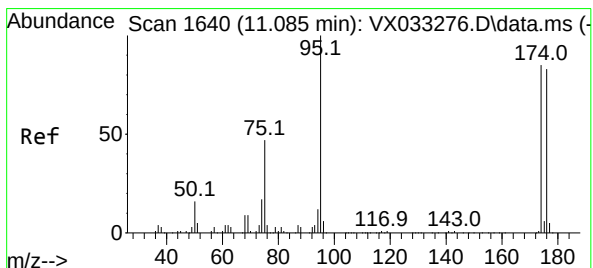
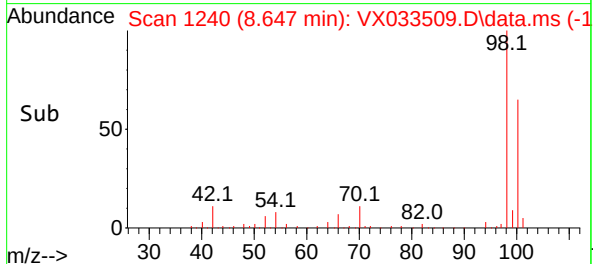
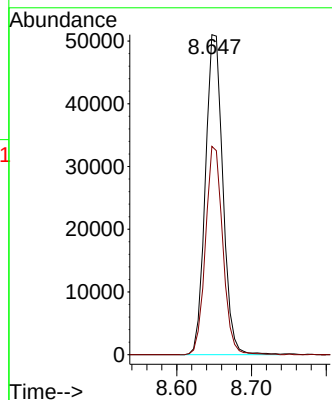
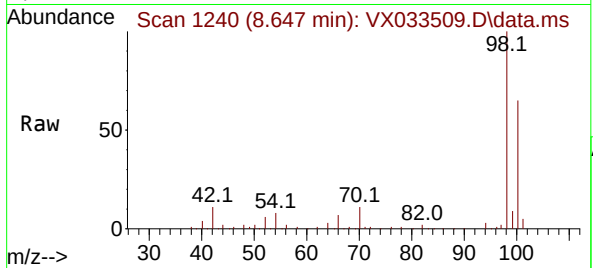




#50
Toluene-d8
Concen: 46.592 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

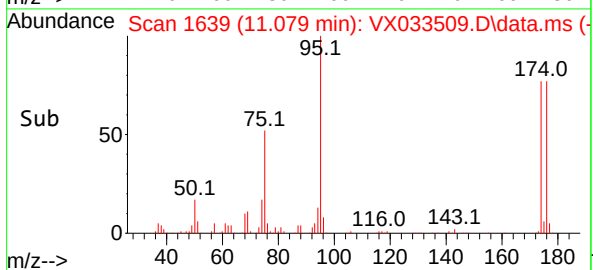
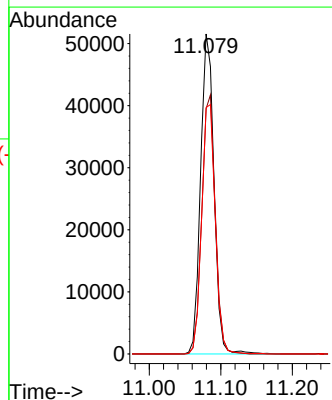
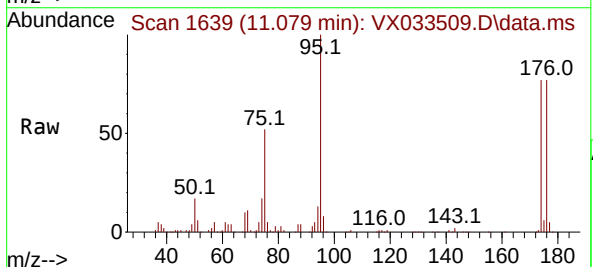
Instrument :
MSVOA_X
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FAIR-1

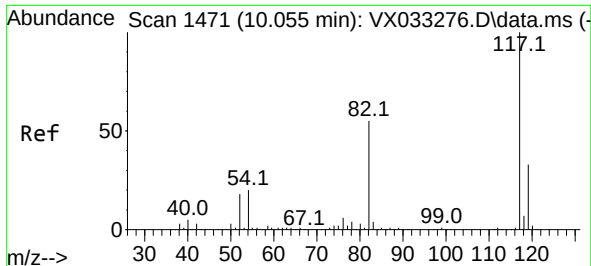
Tgt Ion: 98 Resp: 82825
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 95 Resp: 66954
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 79.5 0.0 154.4

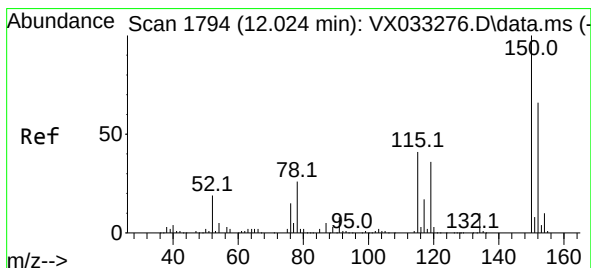
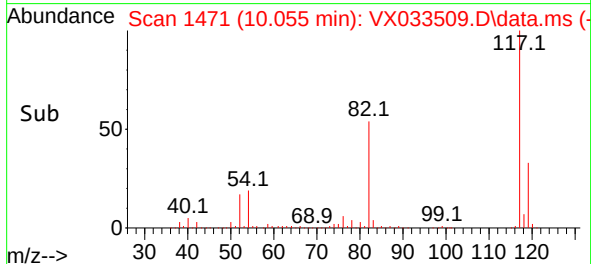
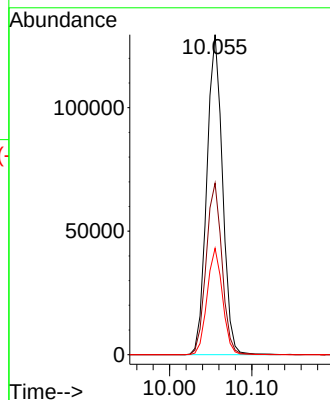
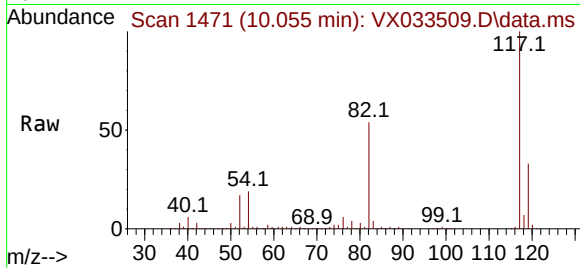




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

Tgt Ion:117 Resp: 171653
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion:152 Resp: 91432
Ion Ratio Lower Upper
152 100
115 59.0 44.0 132.0
150 157.0 0.0 351.8

