

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033316.D
 Acq On : 08 Dec 2022 12:23
 Operator : JC/MD
 Sample : N5870-04
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ML-4

Quant Time: Dec 09 00:45:21 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	164397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	256398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109396	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53348	50.583	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.160%
35) Dibromofluoromethane	5.391	113	57386	49.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	8.647	98	132838	55.063	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.120%
62) 4-Bromofluorobenzene	11.085	95	101895	55.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.480%

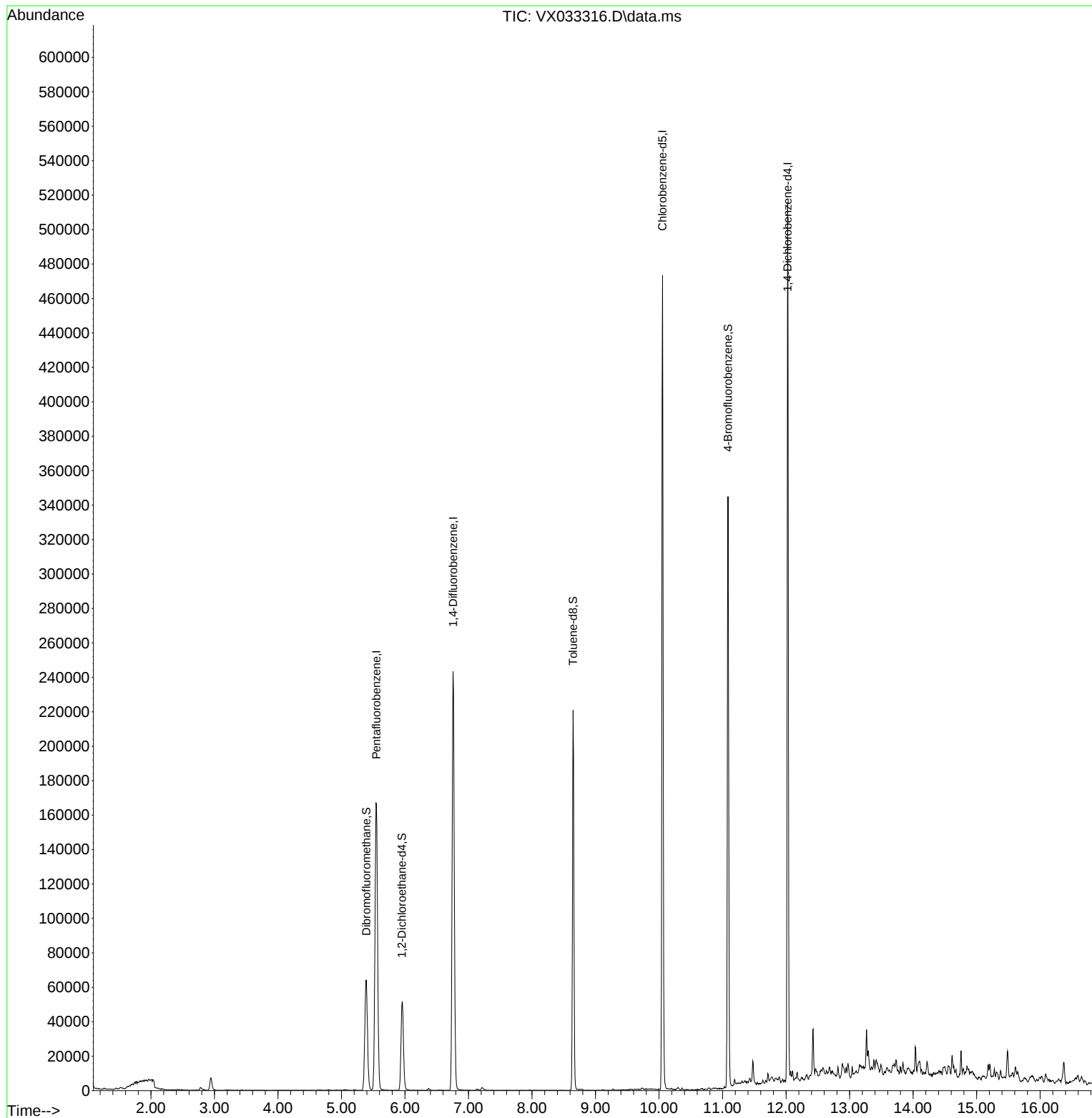
Target Compounds	Qvalue

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

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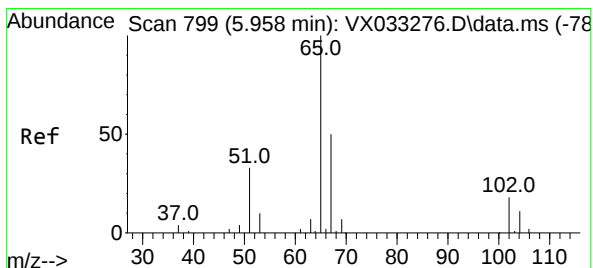
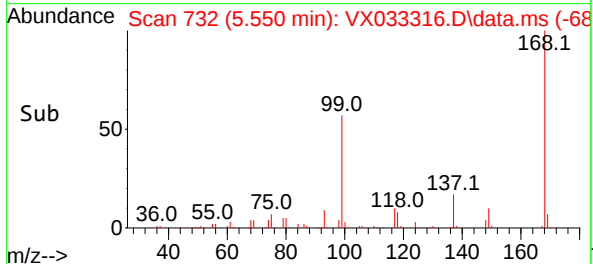
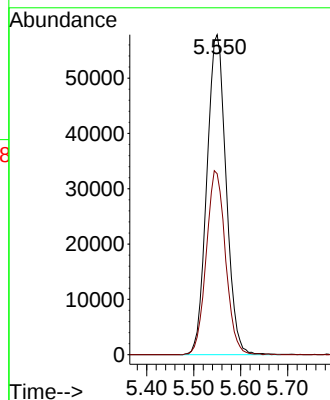
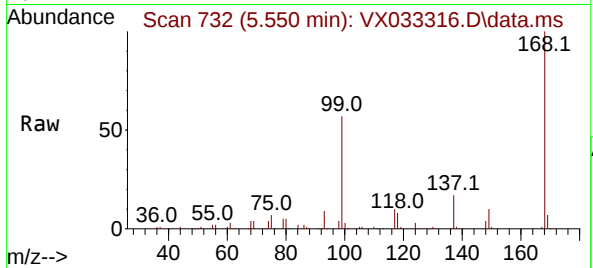




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033316.D
Acq: 08 Dec 2022 12:23

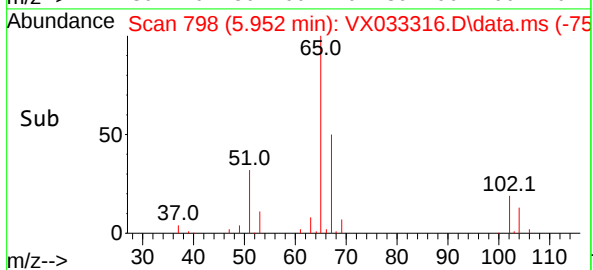
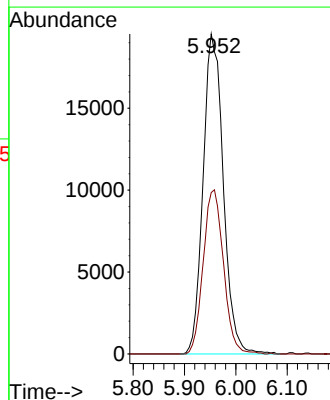
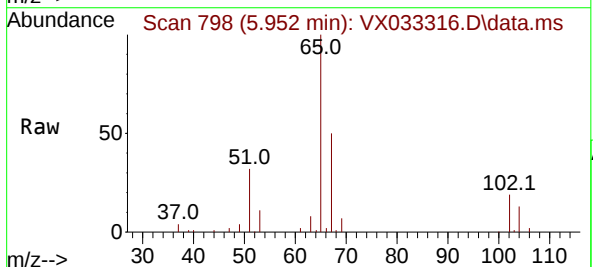
Instrument :
MSVOA_X
ClientSampleId :
ML-4

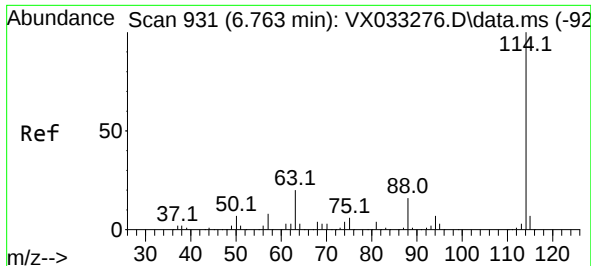
Tgt Ion:168 Resp: 164397
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 50.583 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033316.D
Acq: 08 Dec 2022 12:23

Tgt Ion: 65 Resp: 53348
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

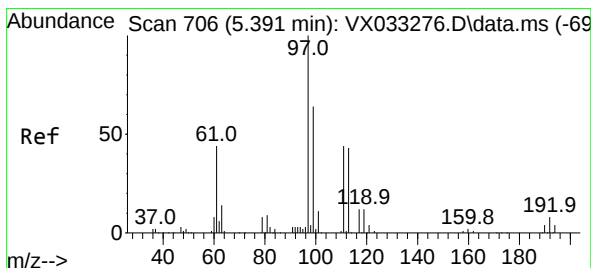
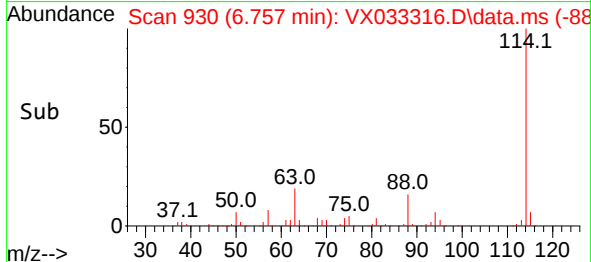
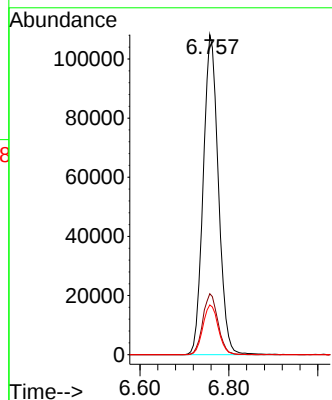
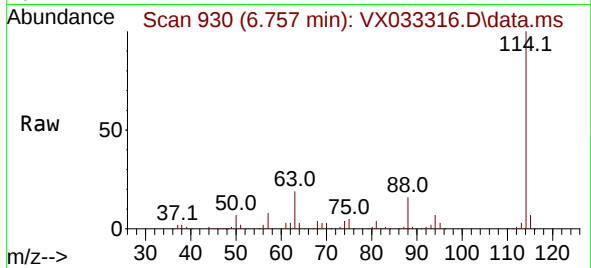




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033316.D
Acq: 08 Dec 2022 12:23

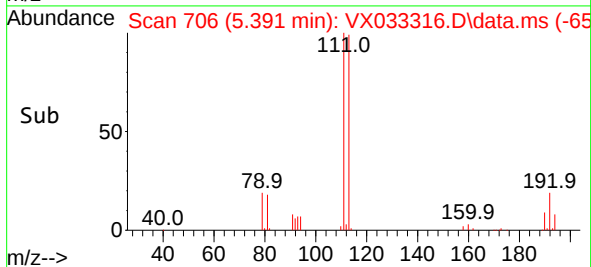
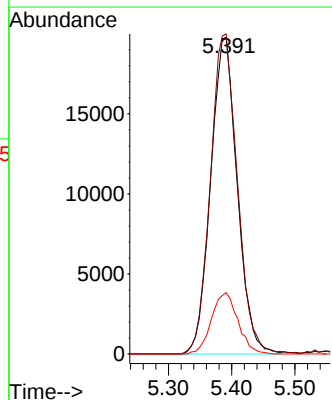
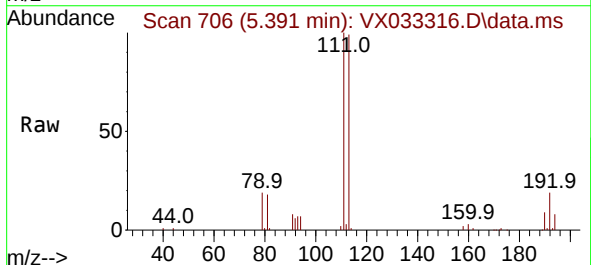
Instrument :
MSVOA_X
ClientSampleId :
ML-4

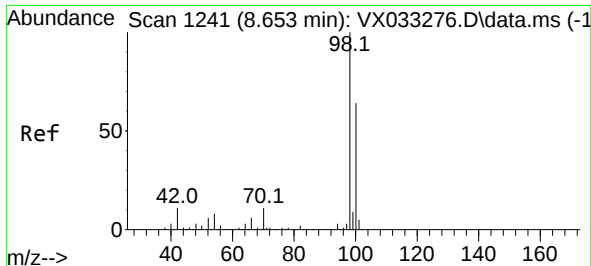
Tgt Ion:114 Resp: 256398
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.761 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033316.D
Acq: 08 Dec 2022 12:23

Tgt Ion:113 Resp: 57386
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.4 15.4 23.2





#50

Toluene-d8

Concen: 55.063 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033316.D

Acq: 08 Dec 2022 12:23

Instrument :

MSVOA_X

ClientSampleId :

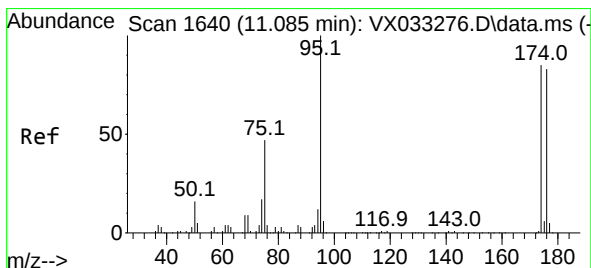
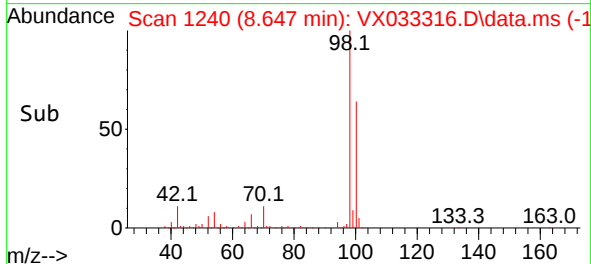
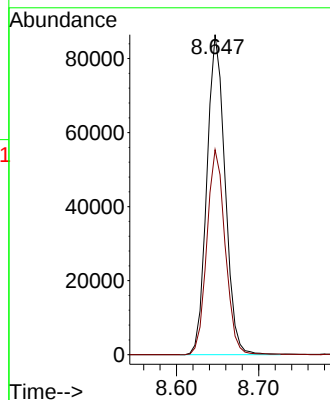
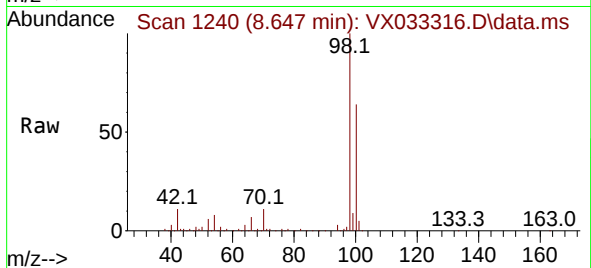
ML-4

Tgt Ion: 98 Resp: 132838

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 55.239 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX033316.D

Acq: 08 Dec 2022 12:23

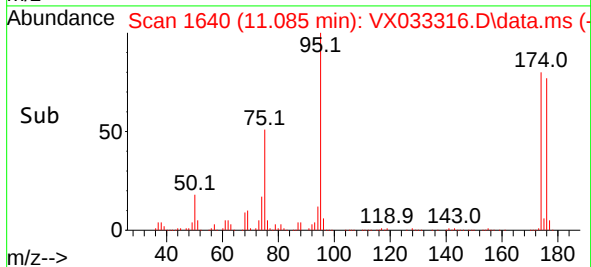
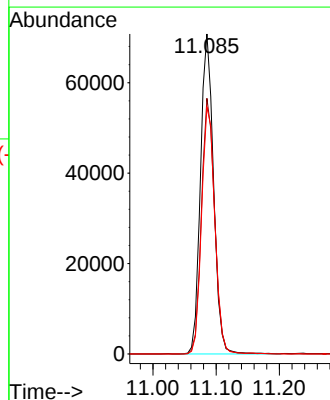
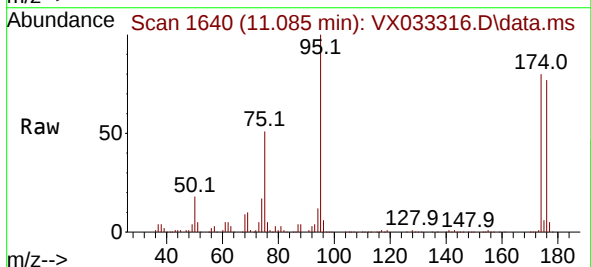
Tgt Ion: 95 Resp: 101895

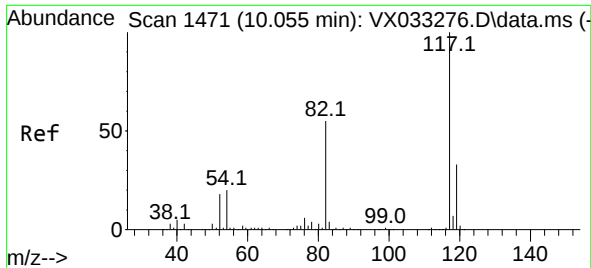
Ion Ratio Lower Upper

95 100

174 80.5 0.0 164.0

176 78.2 0.0 154.4

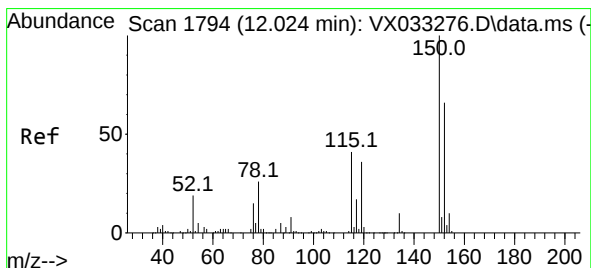
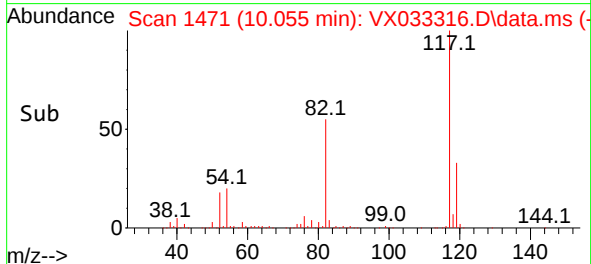
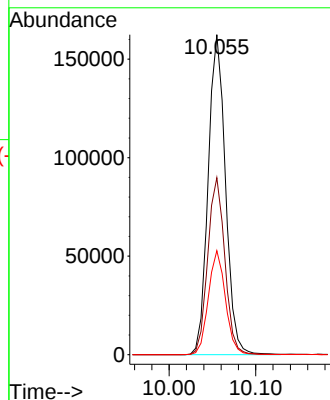
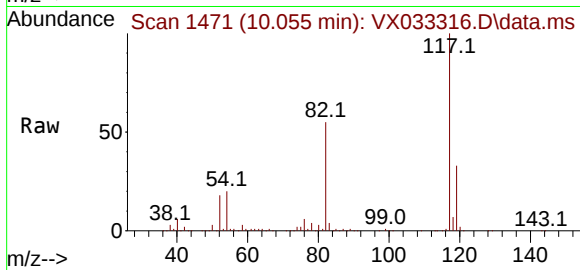




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033316.D
Acq: 08 Dec 2022 12:23

Instrument :
MSVOA_X
ClientSampleId :
ML-4

Tgt Ion:117 Resp: 225609
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.5 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: VX033316.D
Acq: 08 Dec 2022 12:23

Tgt Ion:152 Resp: 109396
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 157.0 0.0 351.8

