

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033381.D
 Acq On : 13 Dec 2022 10:50
 Operator : JC/MD
 Sample : VX1213MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBL01

Quant Time: Dec 14 05:33:48 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	5.549	168	149112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231859	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	43374	45.342	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.680%
35) Dibromofluoromethane	5.379	113	50379	48.309	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	8.646	98	104032	47.686	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	82015	49.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.340%

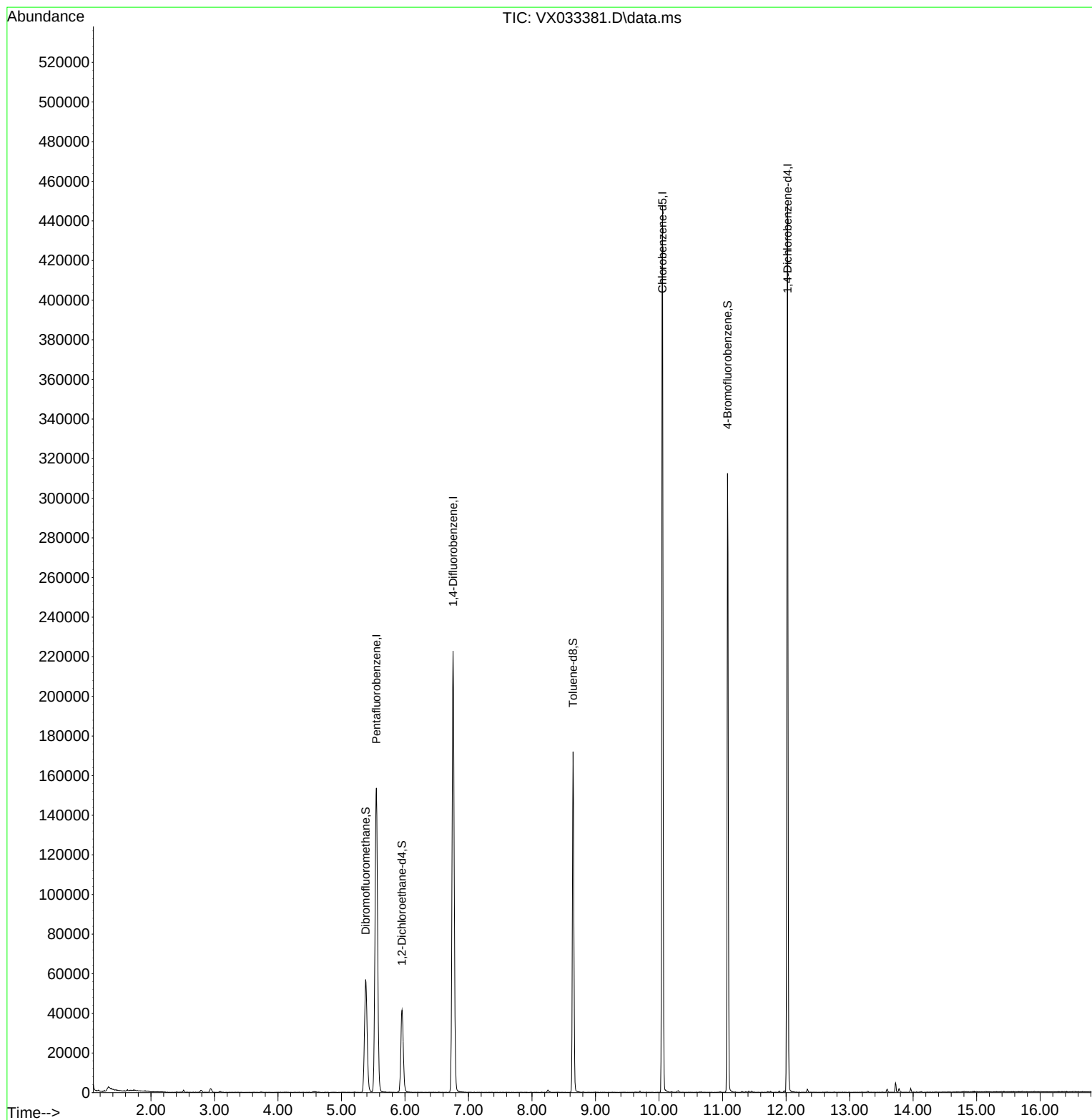
Target Compounds	Qvalue

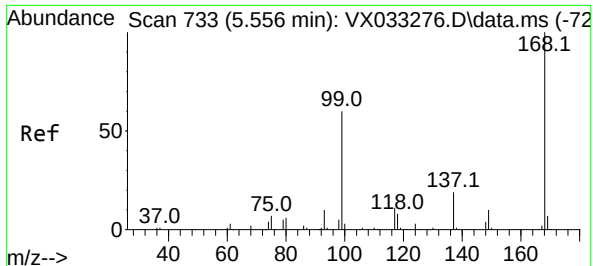
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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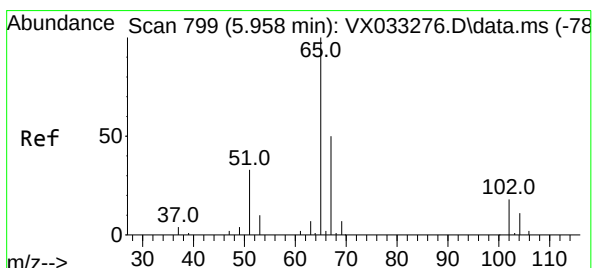
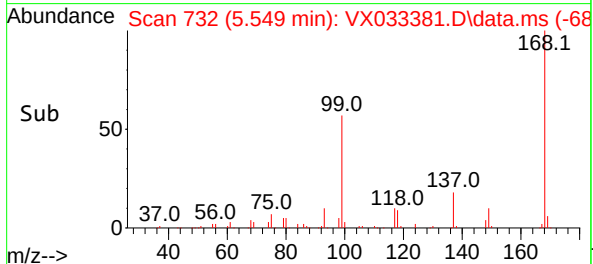
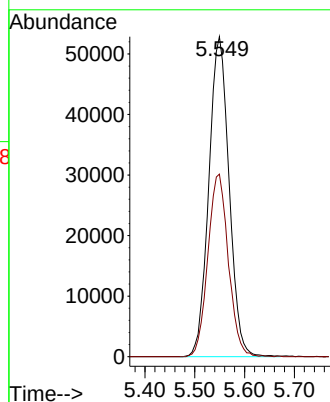
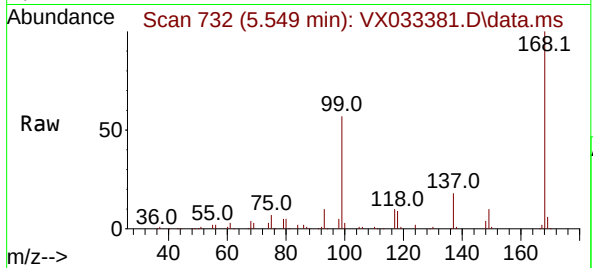




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX033381.D
Acq: 13 Dec 2022 10:50

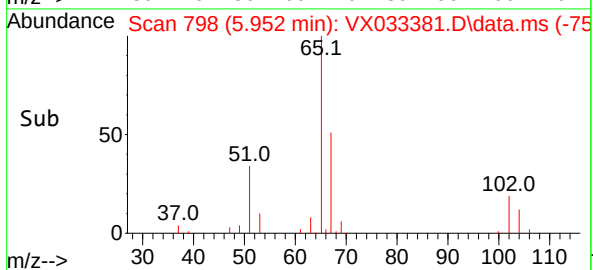
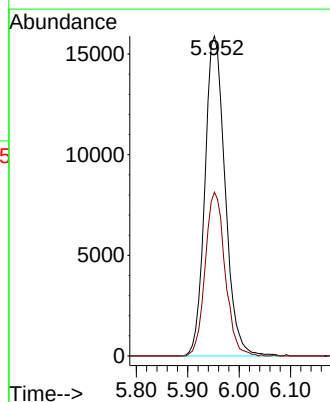
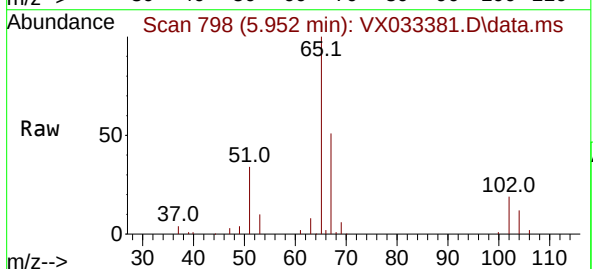
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

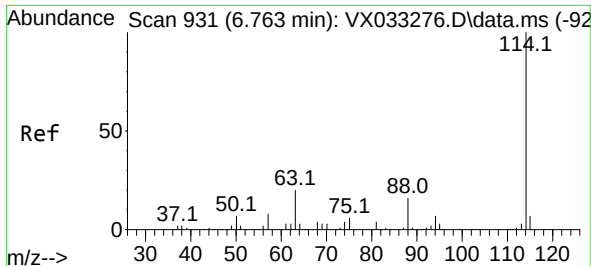
Tgt Ion:168 Resp: 149112
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 45.342 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033381.D
Acq: 13 Dec 2022 10:50

Tgt Ion: 65 Resp: 43374
Ion Ratio Lower Upper
65 100
67 50.4 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: VX033381.D

Acq: 13 Dec 2022 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBL01

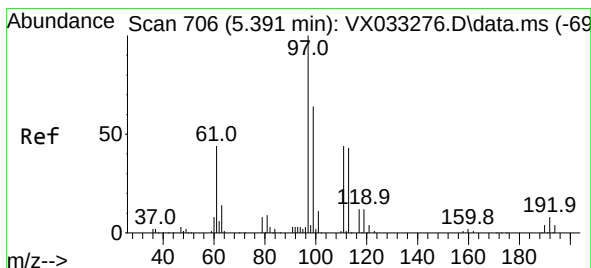
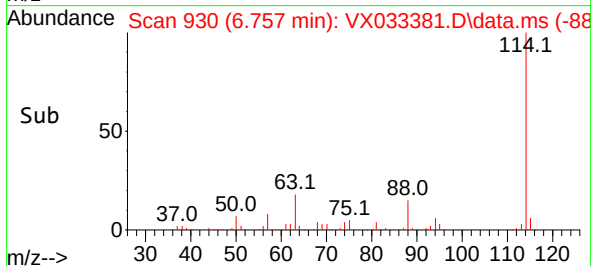
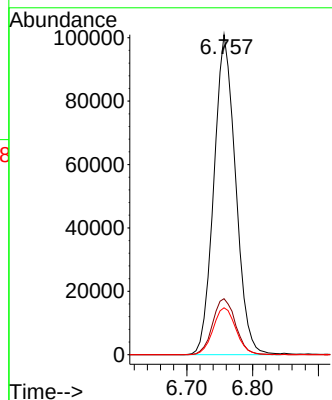
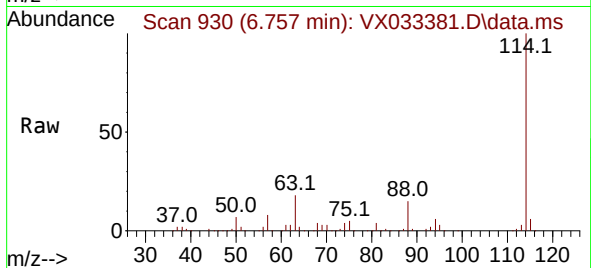
Tgt Ion:114 Resp: 231859

Ion Ratio Lower Upper

114 100

63 17.5 0.0 41.6

88 14.6 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.309 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX033381.D

Acq: 13 Dec 2022 10:50

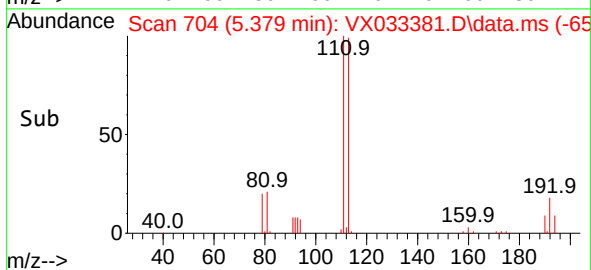
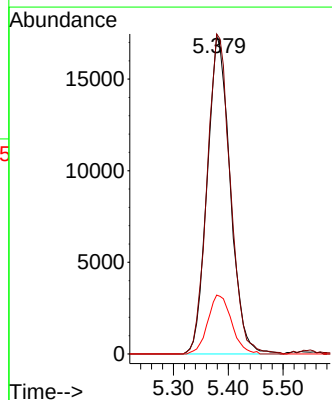
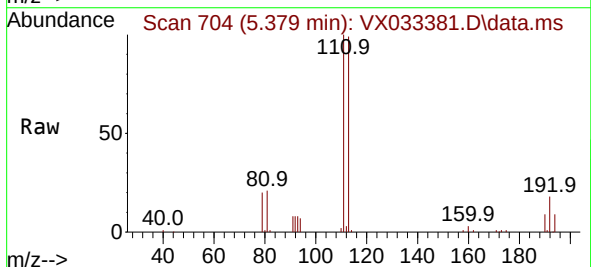
Tgt Ion:113 Resp: 50379

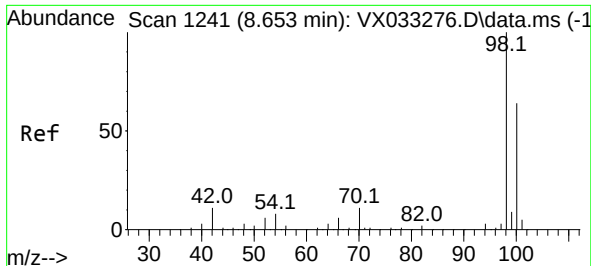
Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 19.2 15.4 23.2

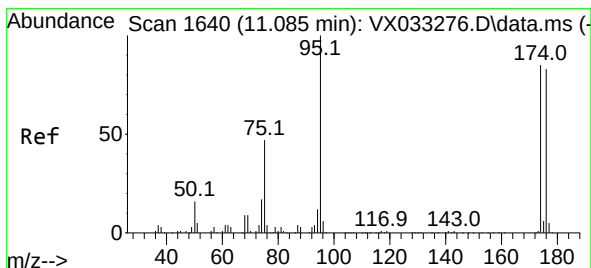
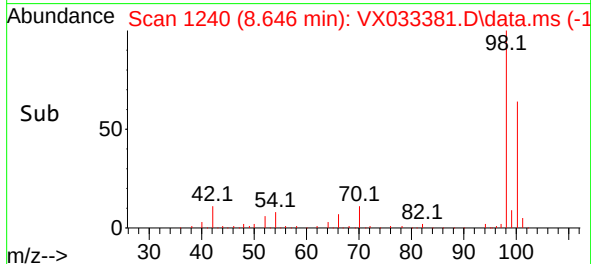
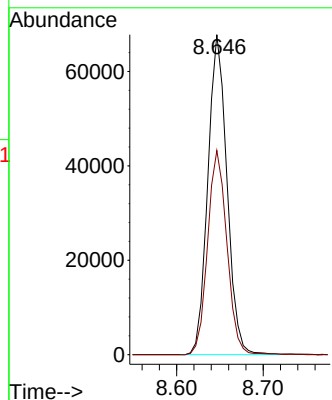
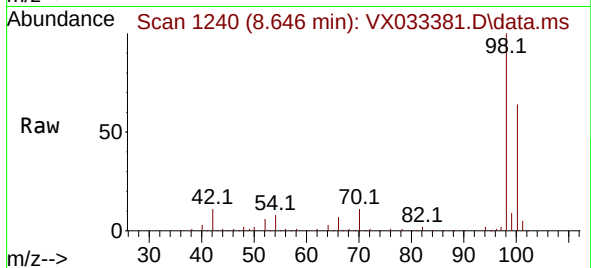




#50
Toluene-d8
Concen: 47.686 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033381.D
Acq: 13 Dec 2022 10:50

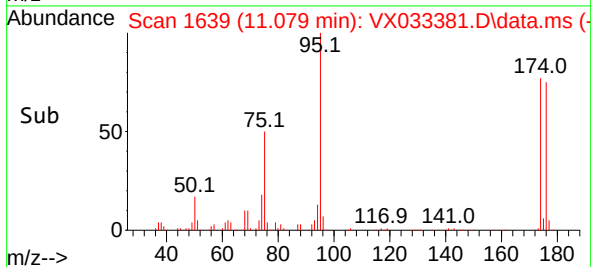
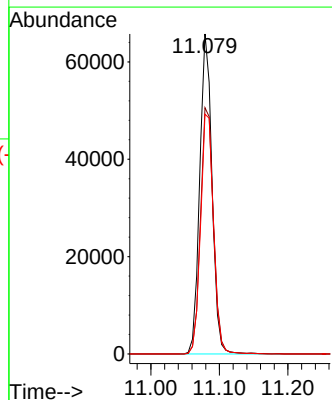
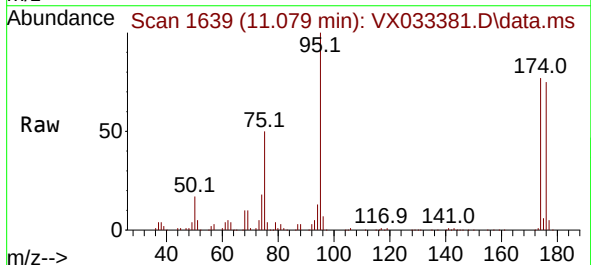
Instrument :
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VX1213MBL01

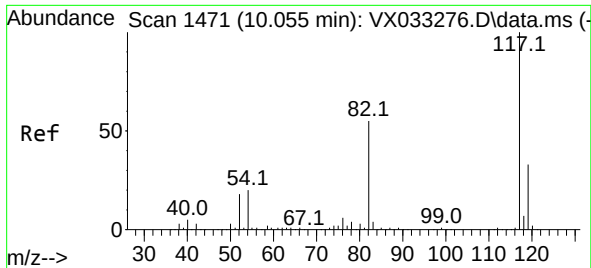
Tgt Ion: 98 Resp: 104032
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033381.D
Acq: 13 Dec 2022 10:50

Tgt Ion: 95 Resp: 82015
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 79.2 0.0 154.4

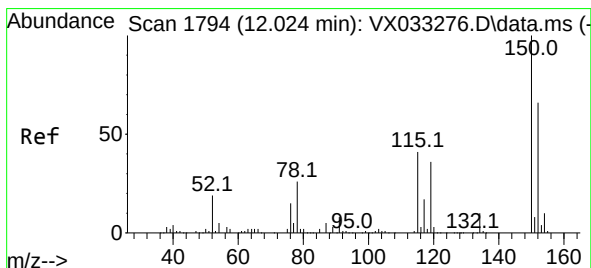
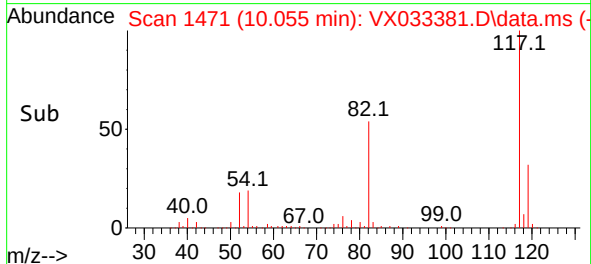
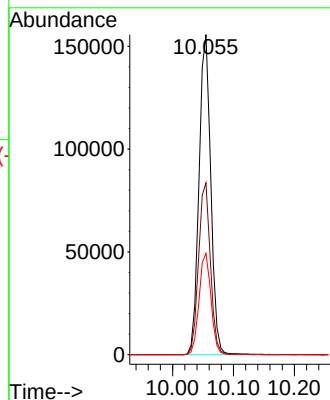
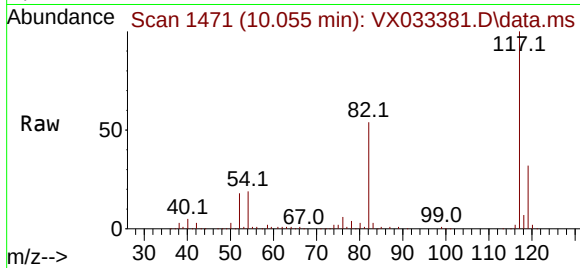




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033381.D
Acq: 13 Dec 2022 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

Tgt Ion:117 Resp: 208814
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 31.7 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: VX033381.D
Acq: 13 Dec 2022 10:50

Tgt Ion:152 Resp: 96641
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 156.1 0.0 351.8

