

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033473.D
 Acq On : 19 Dec 2022 10:50
 Operator : JC/MD
 Sample : VX1219WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBL01

Quant Time: Dec 20 04:59:13 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	5.556	168	120433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37899	49.053	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.100%
35) Dibromofluoromethane	5.385	113	42931	49.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	8.647	98	86291	47.994	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.980%
62) 4-Bromofluorobenzene	11.079	95	67058	48.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.560%

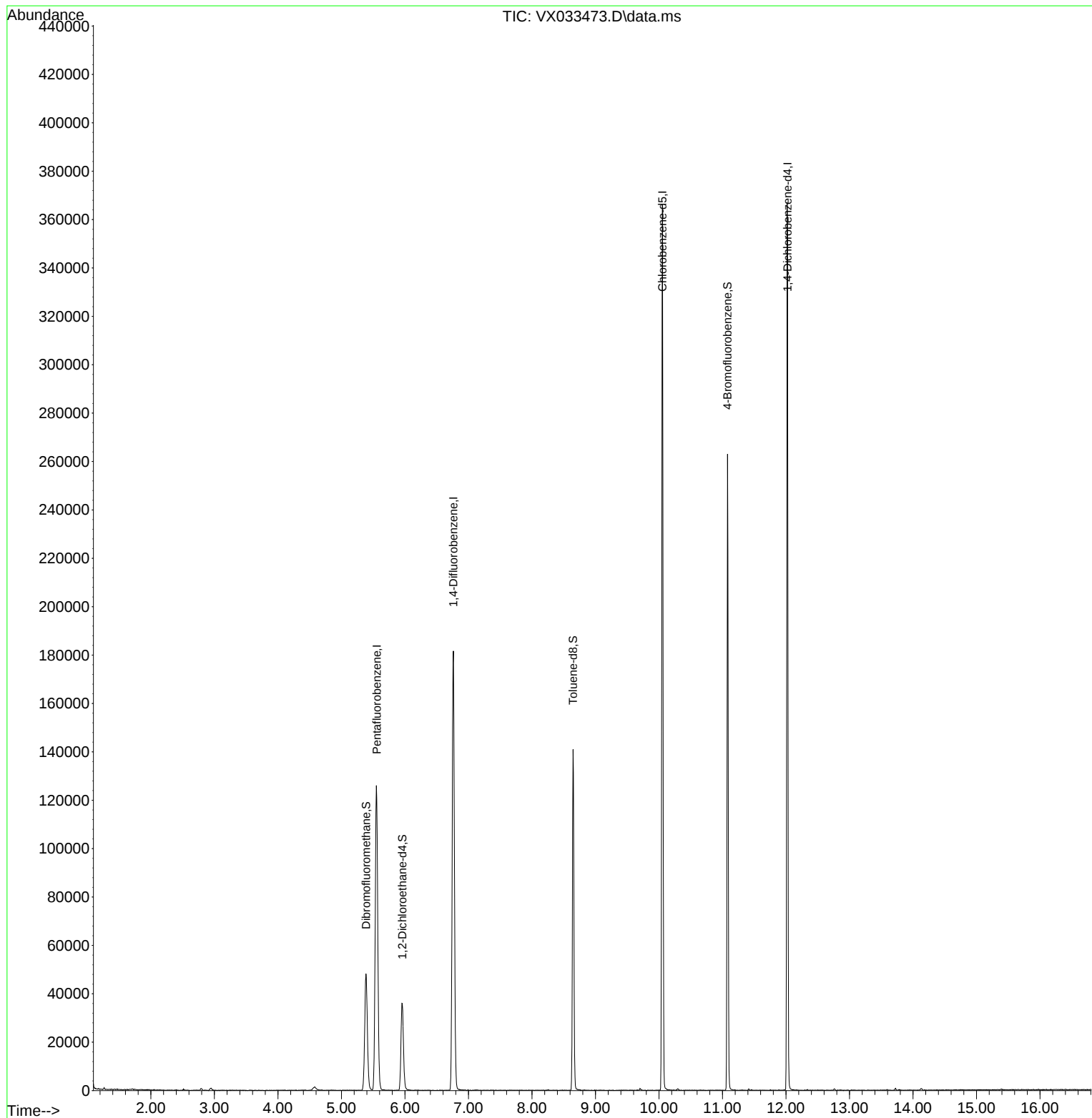
Target Compounds Qvalue

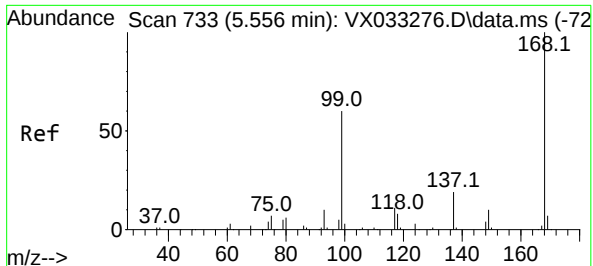
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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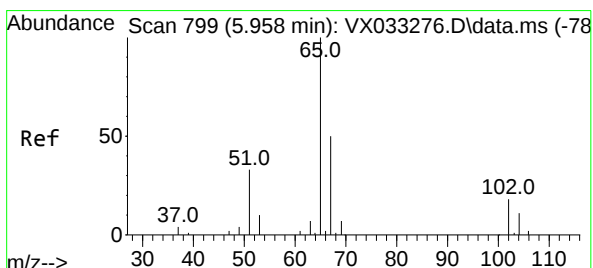
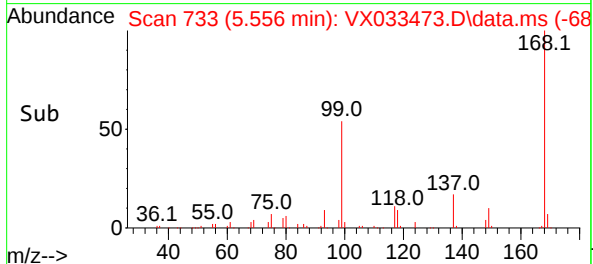
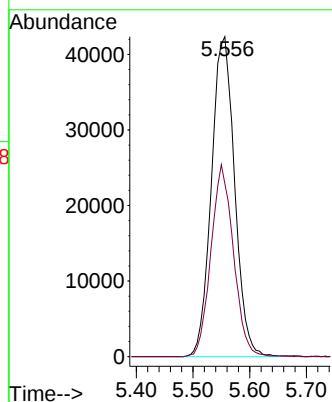
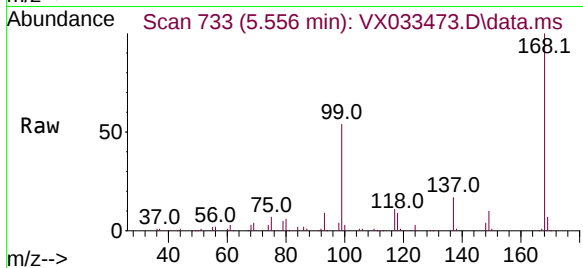




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033473.D
Acq: 19 Dec 2022 10:50

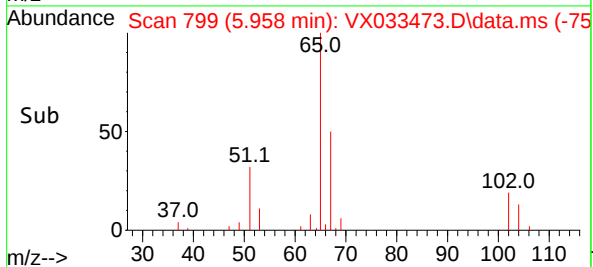
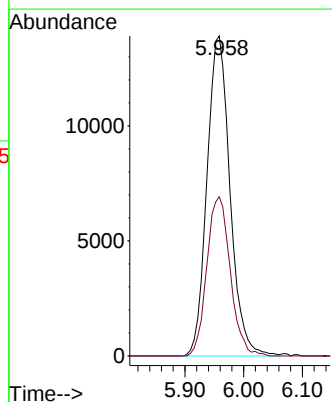
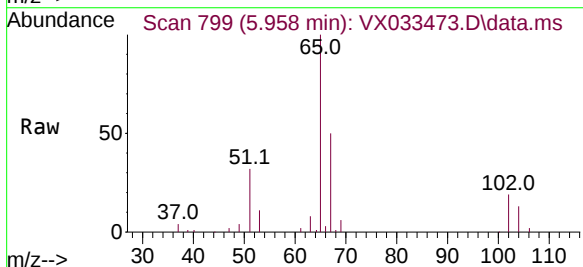
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

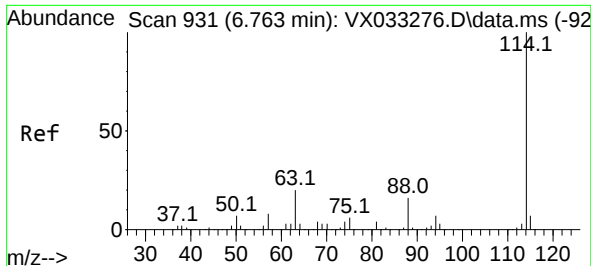
Tgt Ion:168 Resp: 120433
Ion Ratio Lower Upper
168 100
99 54.1 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 49.053 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033473.D
Acq: 19 Dec 2022 10:50

Tgt Ion: 65 Resp: 37899
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033473.D

Acq: 19 Dec 2022 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBL01

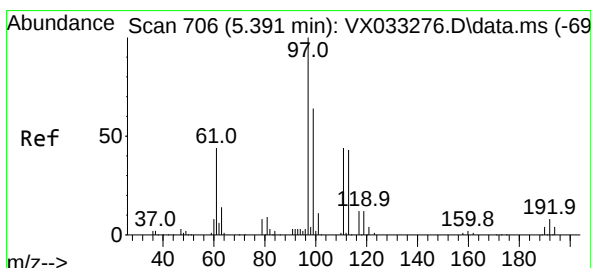
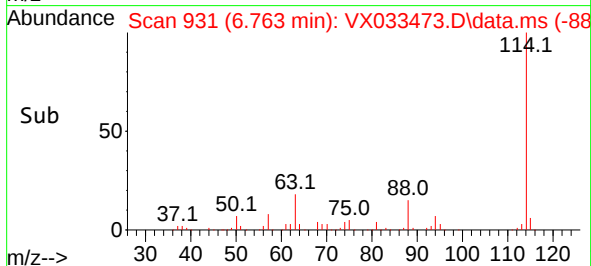
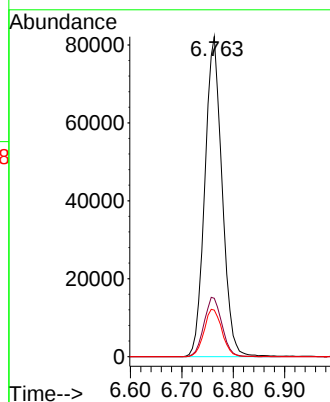
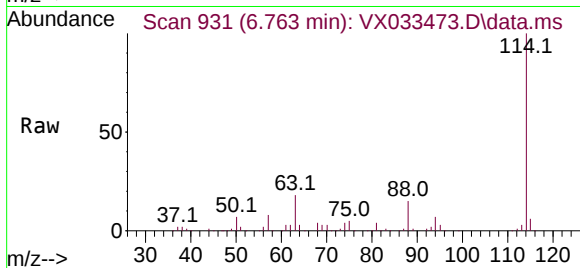
Tgt Ion:114 Resp: 191084

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.6

88 14.5 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.951 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033473.D

Acq: 19 Dec 2022 10:50

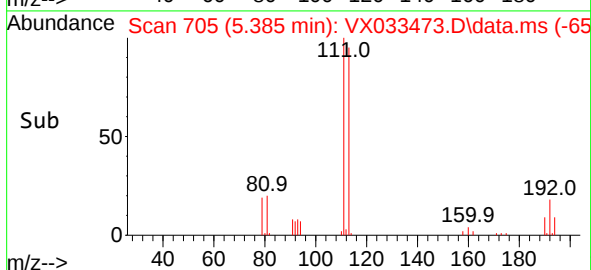
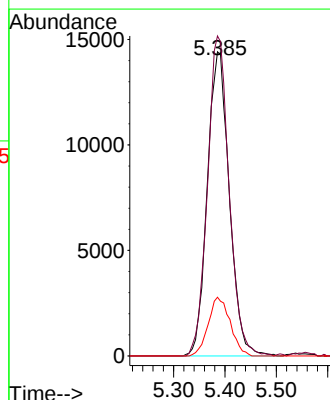
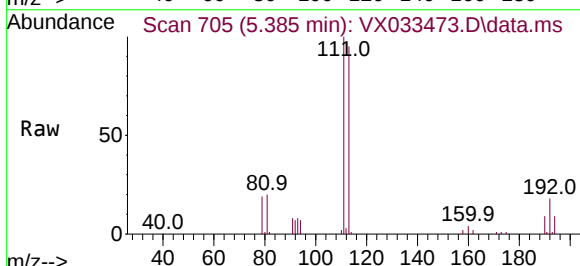
Tgt Ion:113 Resp: 42931

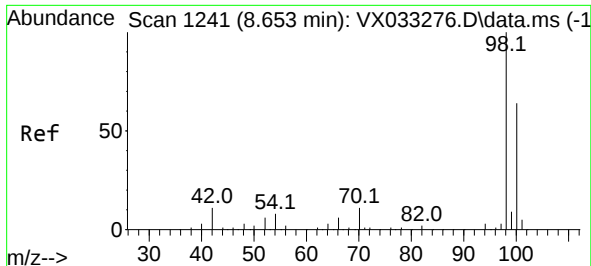
Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 19.2 15.4 23.2





#50

Toluene-d8

Concen: 47.994 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033473.D

Acq: 19 Dec 2022 10:50

Instrument :

MSVOA_X

ClientSampleId :

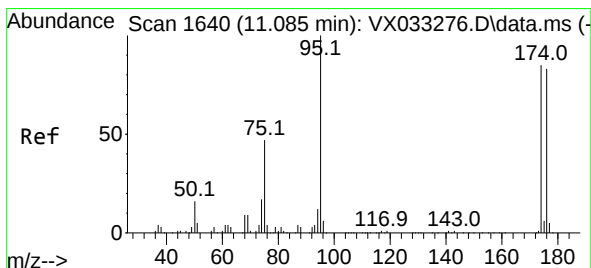
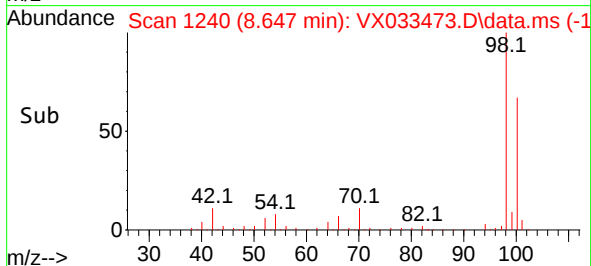
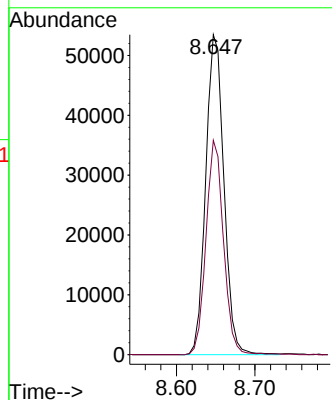
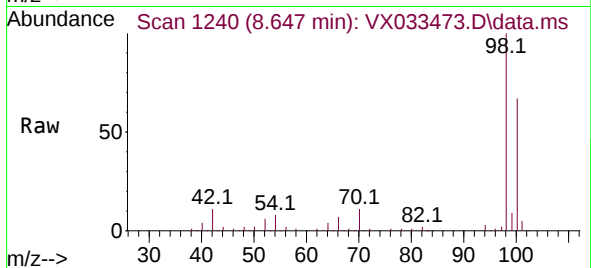
VX1219WBL01

Tgt Ion: 98 Resp: 86291

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.779 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033473.D

Acq: 19 Dec 2022 10:50

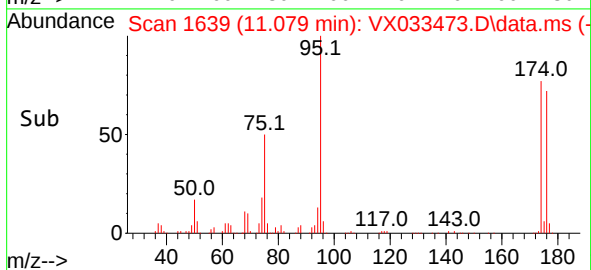
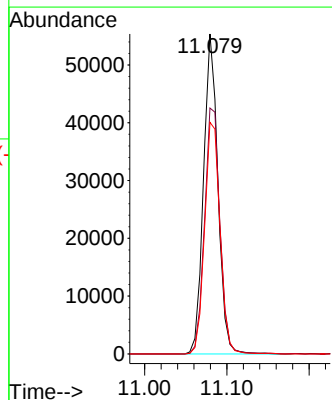
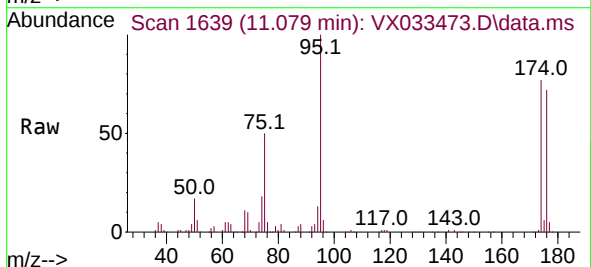
Tgt Ion: 95 Resp: 67058

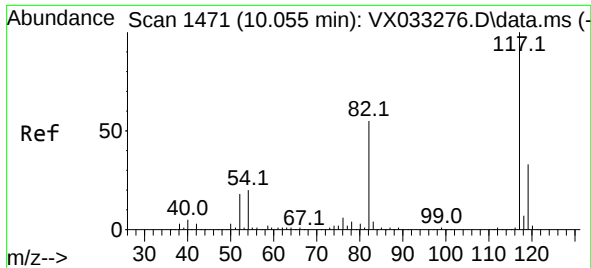
Ion Ratio Lower Upper

95 100

174 82.8 0.0 164.0

176 77.8 0.0 154.4

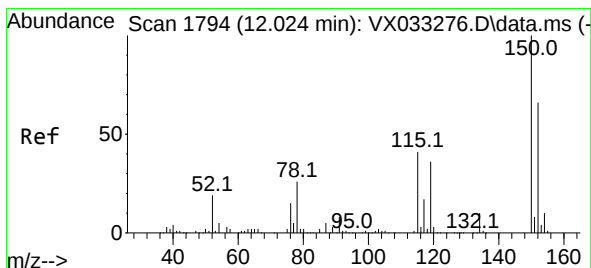
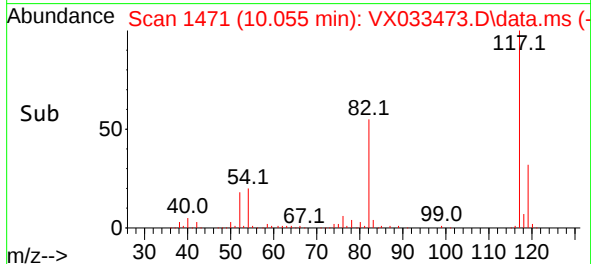
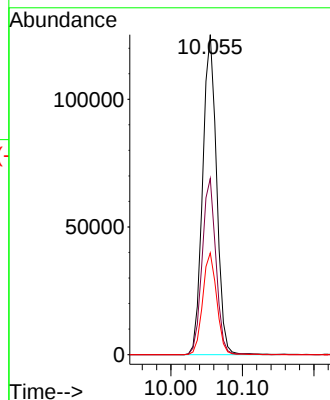
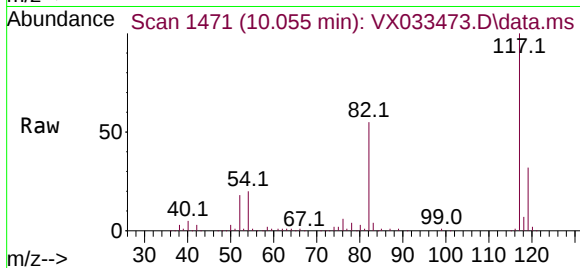




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033473.D
Acq: 19 Dec 2022 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL01

Tgt Ion:117 Resp: 169624
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.8 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: VX033473.D
Acq: 19 Dec 2022 10:50

Tgt Ion:152 Resp: 77229
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 158.2 0.0 351.8

