

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033439.D
 Acq On : 15 Dec 2022 14:04
 Operator : JC/MD
 Sample : PB149669TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149669TB

Quant Time: Dec 16 01:02:21 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)

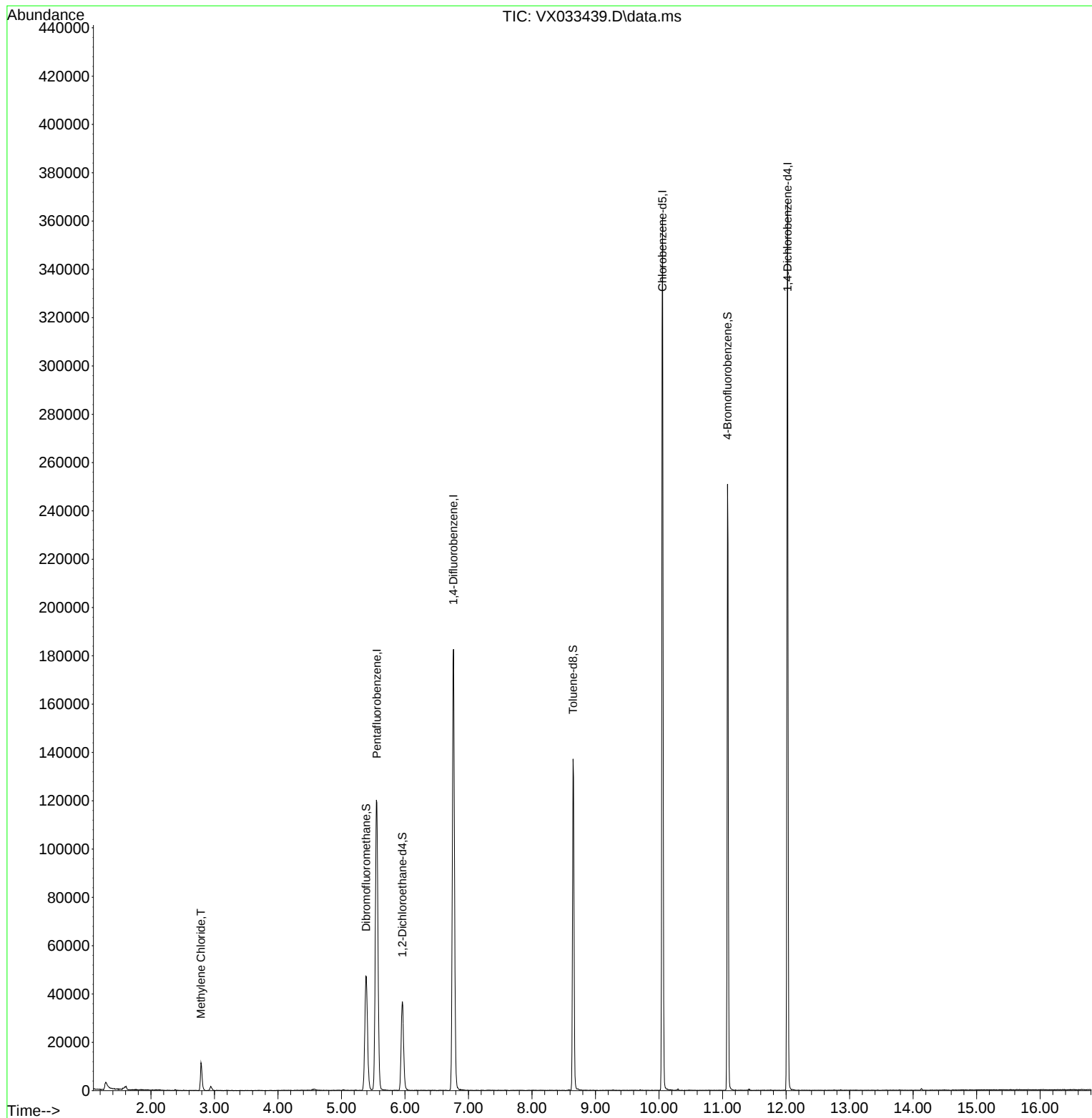
Internal Standards						
1) Pentafluorobenzene	5.556	168	117880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38125	50.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.820%	
35) Dibromofluoromethane	5.385	113	42223	49.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.480%	
50) Toluene-d8	8.647	98	84528	47.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.200%	
62) 4-Bromofluorobenzene	11.079	95	64652	47.618	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.240%	
Target Compounds						
20) Methylene Chloride	2.788	84	5621	4.504	ug/l	Qvalue 90

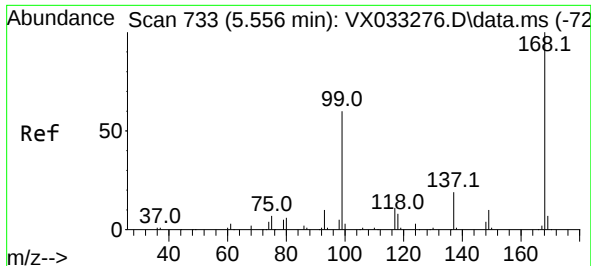
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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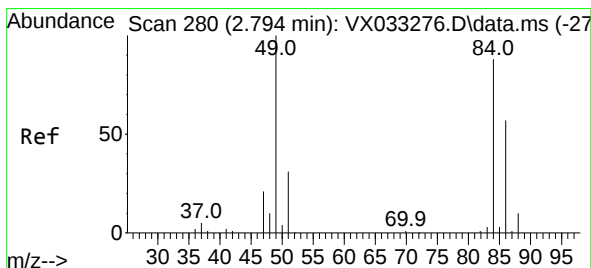
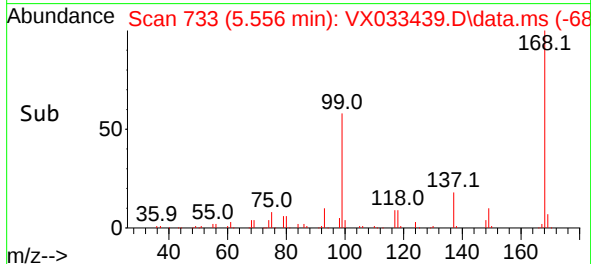
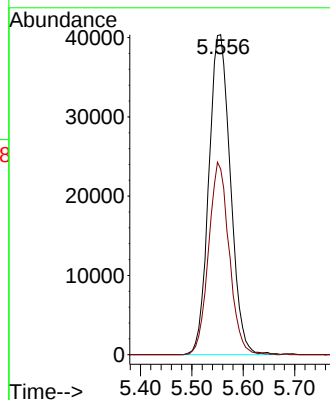
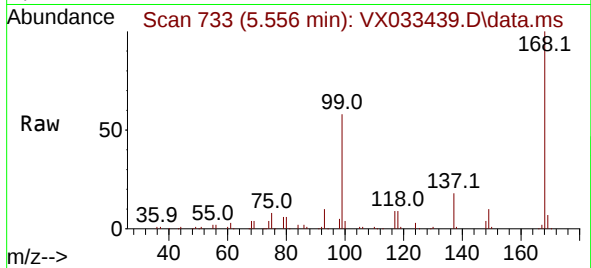




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX033439.D
Acq: 15 Dec 2022 14:04

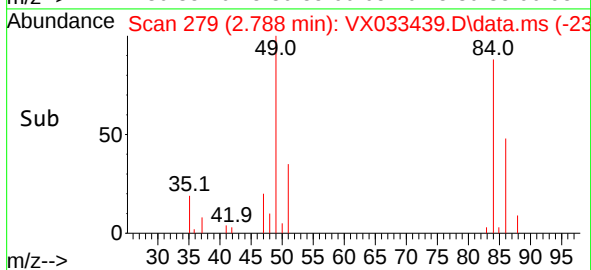
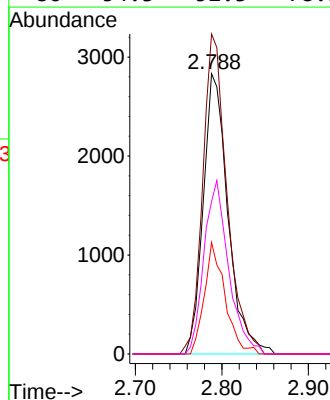
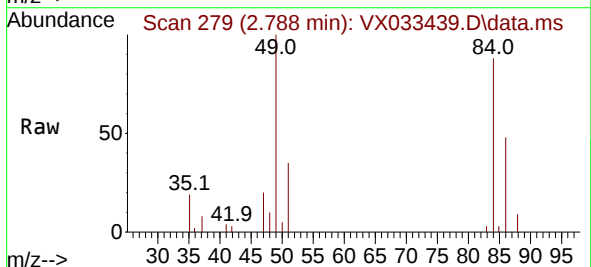
Instrument :
MSVOA_X
ClientSampleId :
PB149669TB

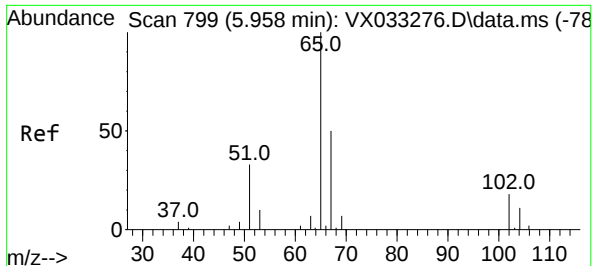
Tgt Ion:168 Resp: 117880
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#20
Methylene Chloride
Concen: 4.504 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033439.D
Acq: 15 Dec 2022 14:04

Tgt Ion: 84 Resp: 5621
Ion Ratio Lower Upper
84 100
49 114.2 101.0 151.6
51 39.8 31.1 46.7
86 54.3 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 50.414 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033439.D

Acq: 15 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

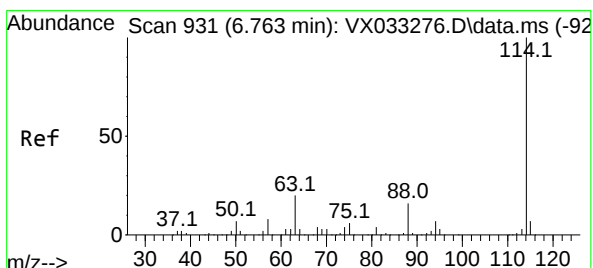
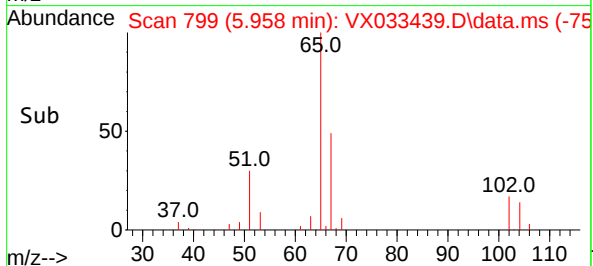
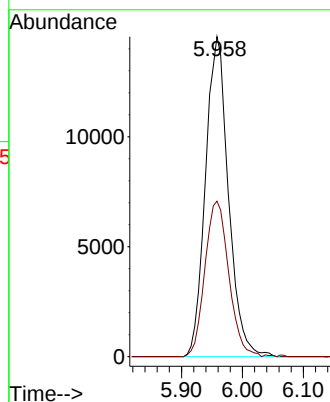
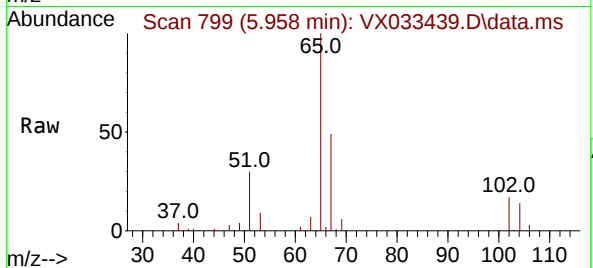
PB149669TB

Tgt Ion: 65 Resp: 38125

Ion Ratio Lower Upper

65 100

67 50.4 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: VX033439.D

Acq: 15 Dec 2022 14:04

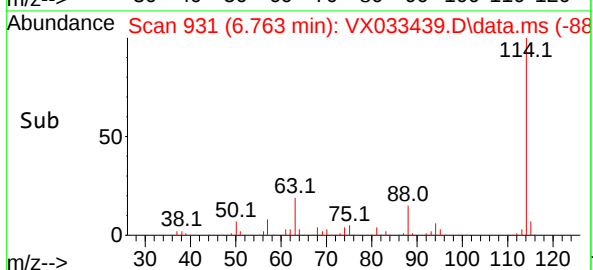
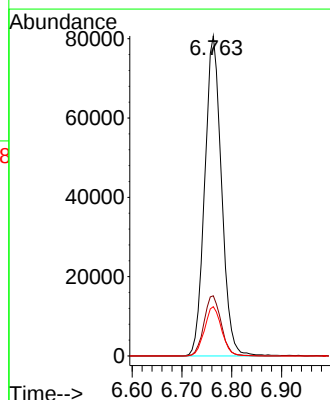
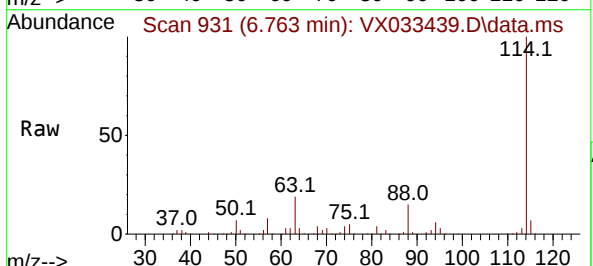
Tgt Ion: 114 Resp: 188719

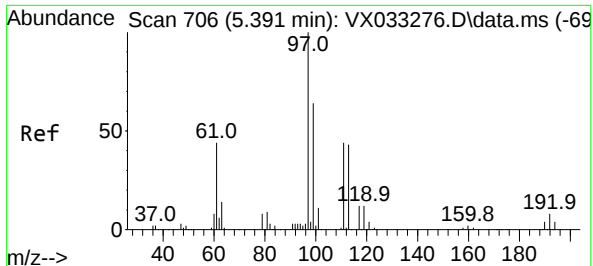
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.743 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033439.D

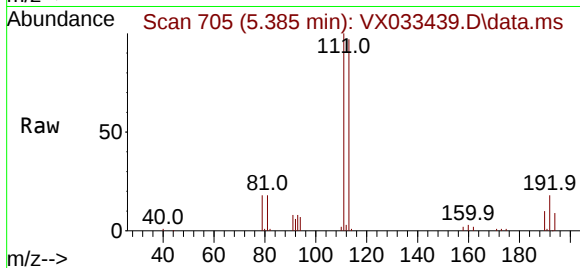
Acq: 15 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

PB149669TB



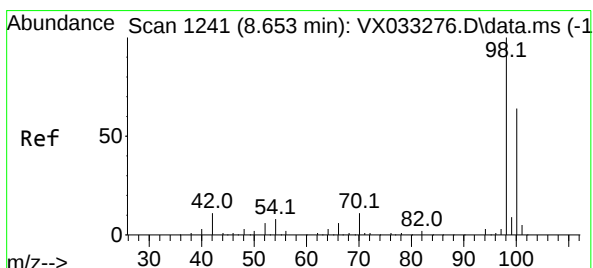
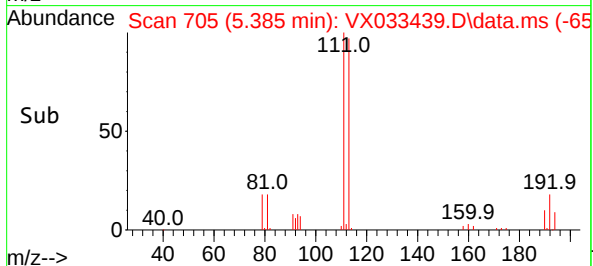
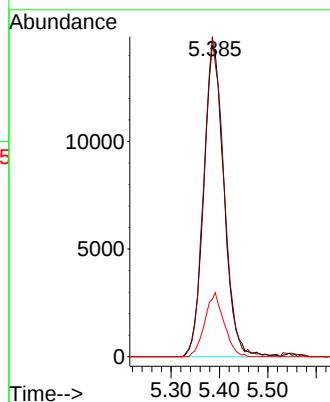
Tgt Ion:113 Resp: 42223

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 19.4 15.4 23.2



#50

Toluene-d8

Concen: 47.603 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033439.D

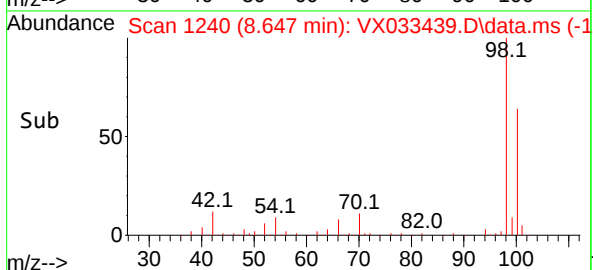
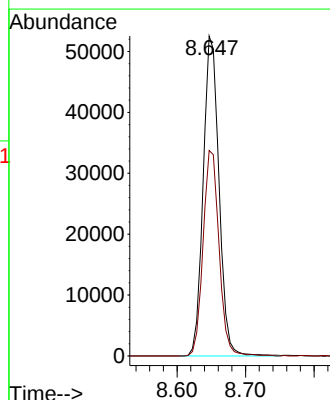
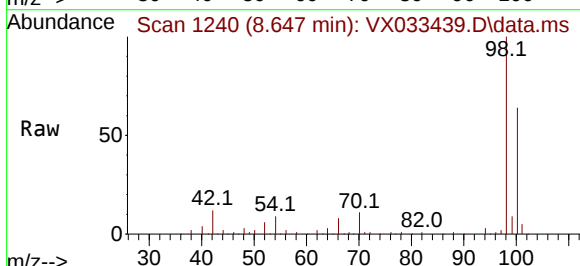
Acq: 15 Dec 2022 14:04

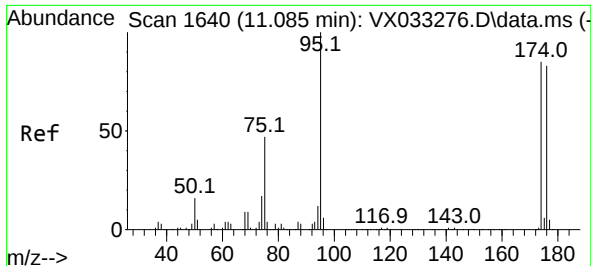
Tgt Ion: 98 Resp: 84528

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3

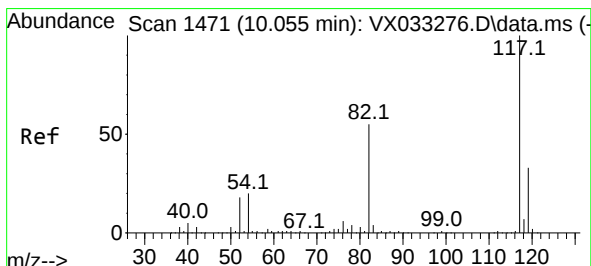
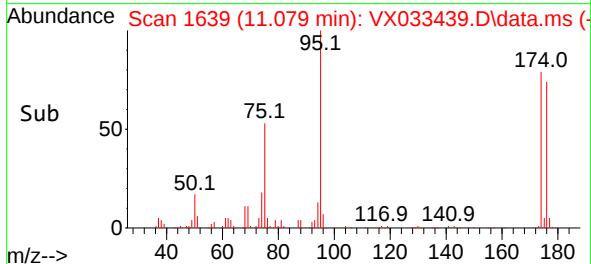
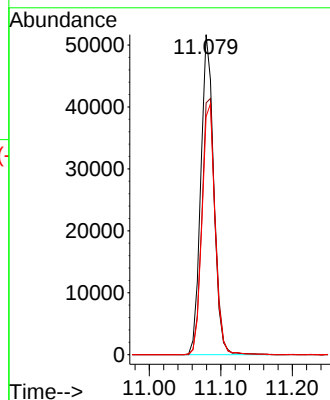
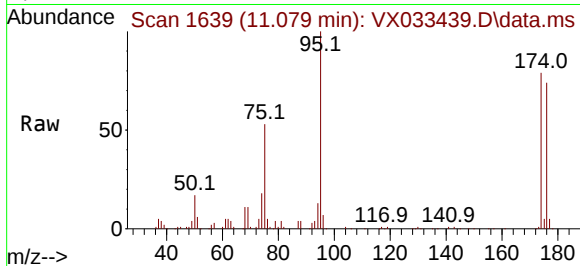




#62
4-Bromofluorobenzene
Concen: 47.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033439.D
Acq: 15 Dec 2022 14:04

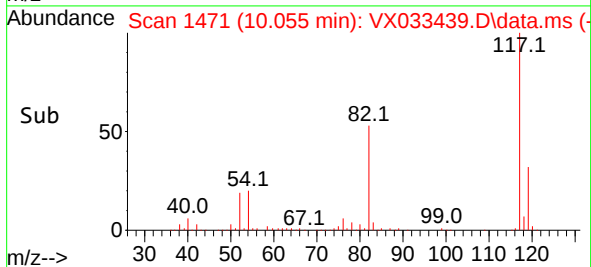
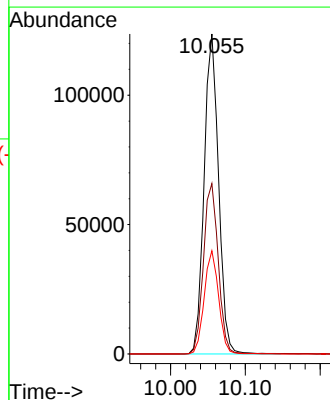
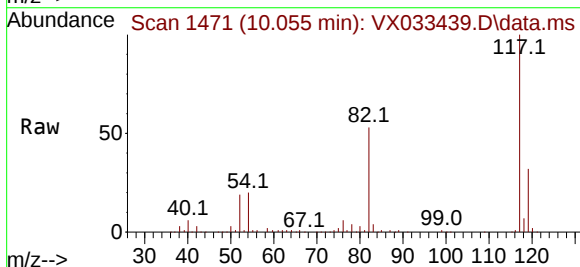
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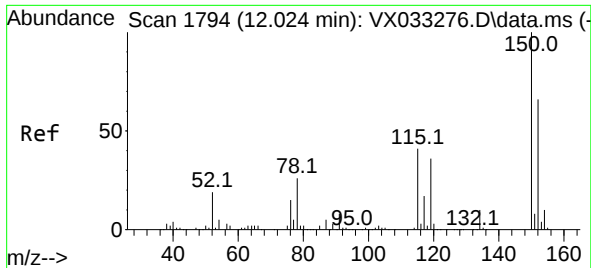
Tgt Ion: 95 Resp: 64652
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 79.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033439.D
Acq: 15 Dec 2022 14:04

Tgt Ion: 117 Resp: 166006
Ion Ratio Lower Upper
117 100
82 53.2 44.3 66.5
119 32.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033439.D

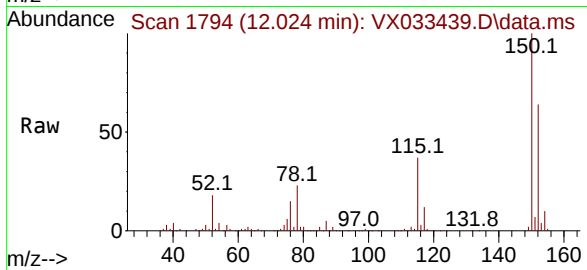
Acq: 15 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

PB149669TB



Tgt Ion:152 Resp: 76364

Ion Ratio Lower Upper

152 100

115 59.6 44.0 132.0

150 157.2 0.0 351.8

