

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033351.D
 Acq On : 09 Dec 2022 16:36
 Operator : JC/MD
 Sample : N5966-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-120822

Quant Time: Dec 10 05:57:01 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)

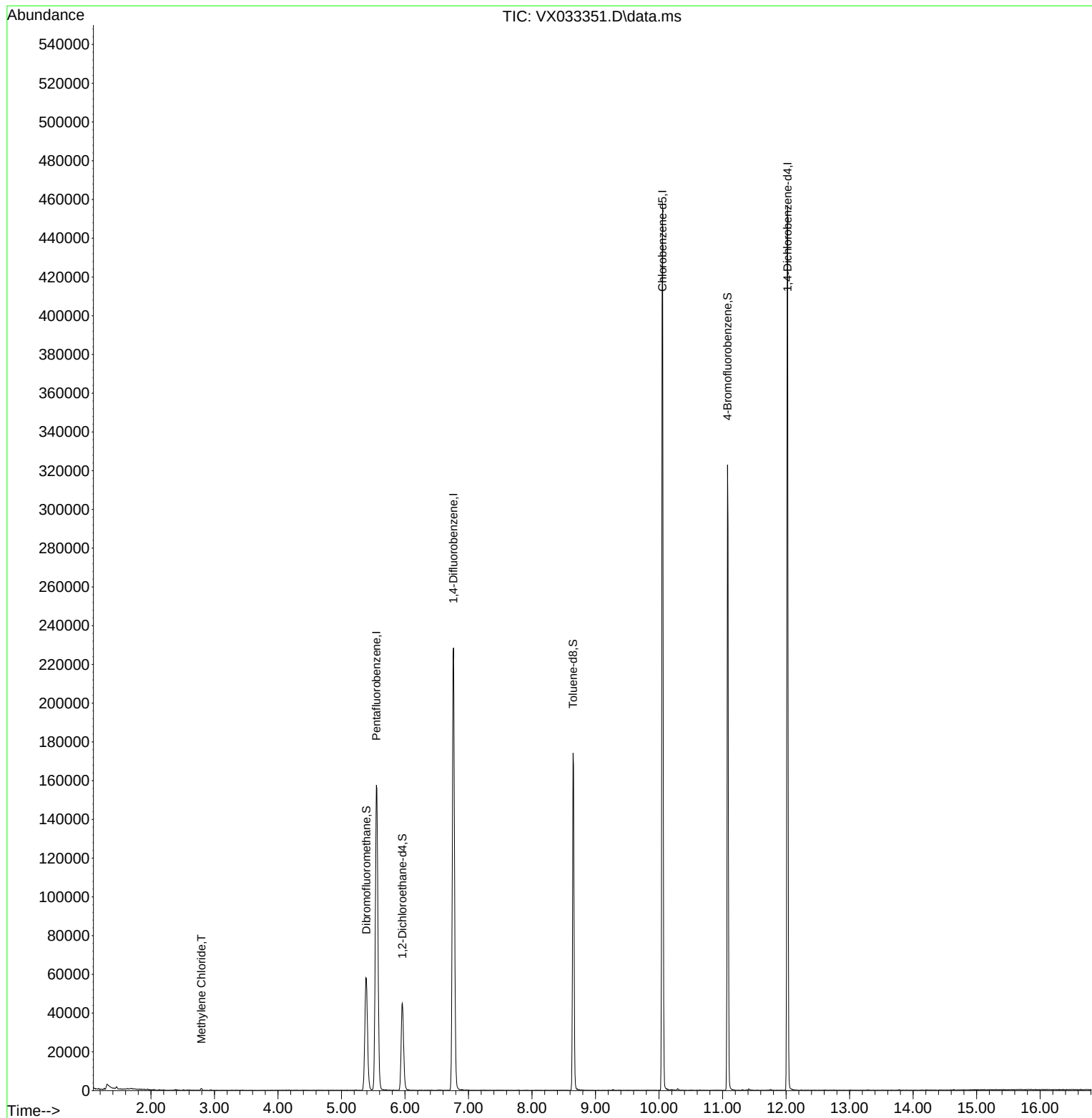
Internal Standards						
1) Pentafluorobenzene	5.550	168	152443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46991	48.049	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.100%
35) Dibromofluoromethane	5.391	113	51773	47.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	8.647	98	108951	47.537	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.079	95	85092	48.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.120%
Target Compounds						
20) Methylene Chloride	2.794	84	530	0.328	ug/l	# 74

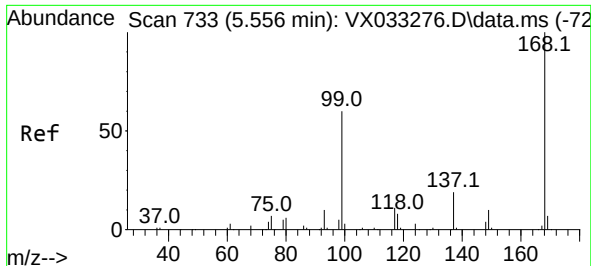
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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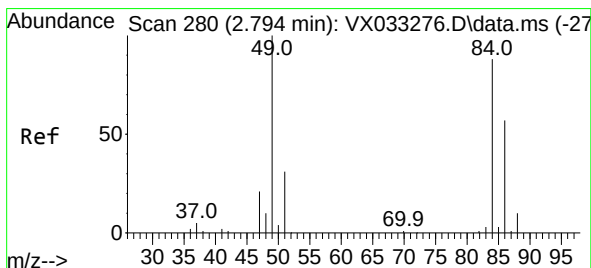
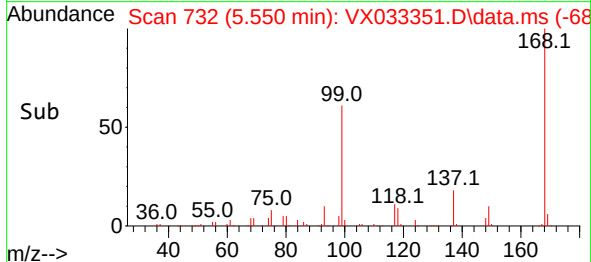
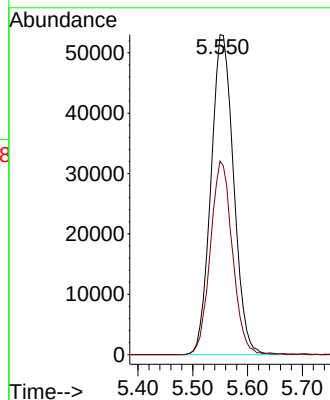
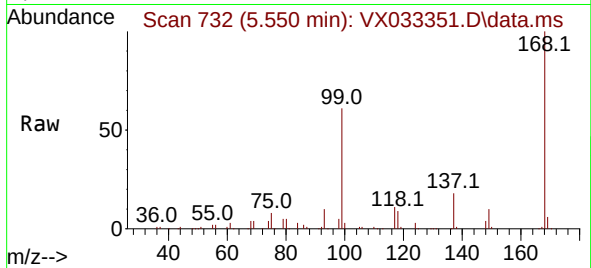




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033351.D
Acq: 09 Dec 2022 16:36

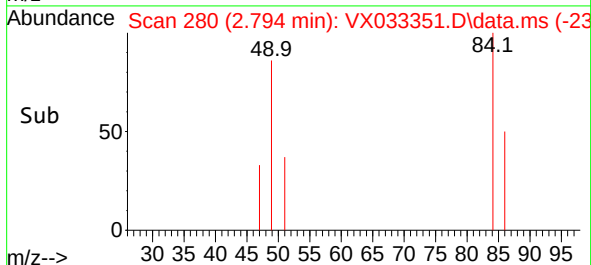
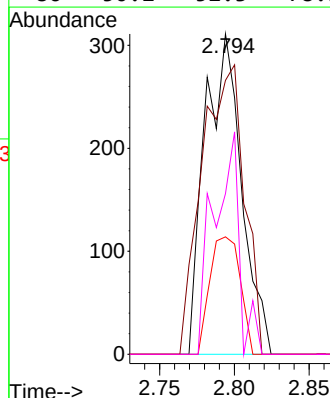
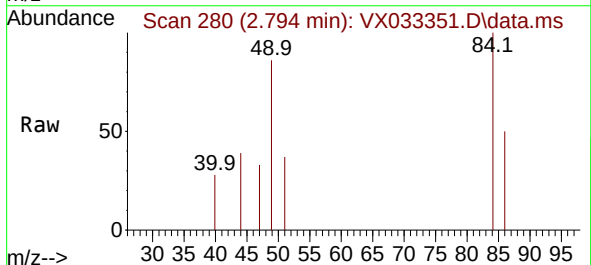
Instrument :
MSVOA_X
ClientSampleId :
TB-01-120822

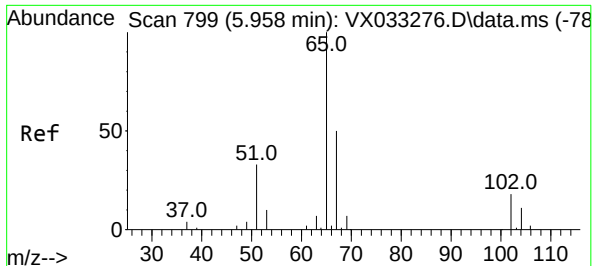
Tgt Ion:168 Resp: 152443
Ion Ratio Lower Upper
168 100
99 60.5 46.1 69.1



#20
Methylene Chloride
Concen: 0.328 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033351.D
Acq: 09 Dec 2022 16:36

Tgt Ion: 84 Resp: 530
Ion Ratio Lower Upper
84 100
49 85.5 101.0 151.6#
51 36.7 31.1 46.7
86 50.2 52.3 78.5#

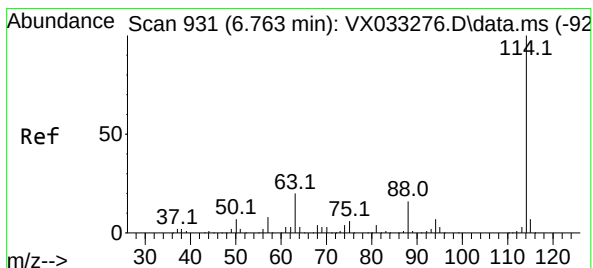
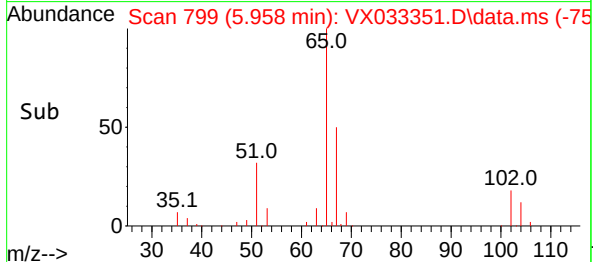
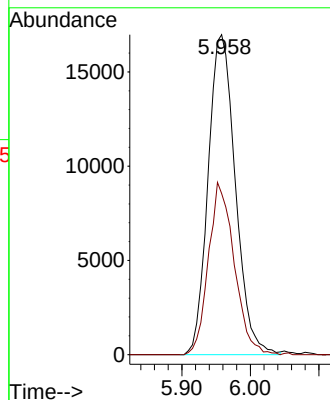
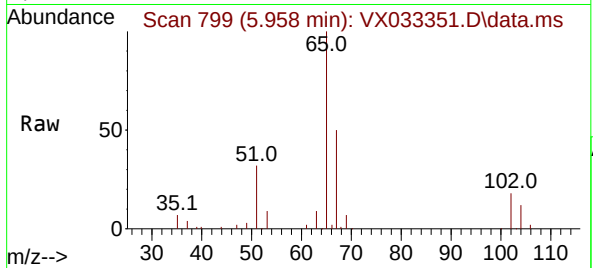




#33
 1,2-Dichloroethane-d4
 Concen: 48.049 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033351.D
 Acq: 09 Dec 2022 16:36

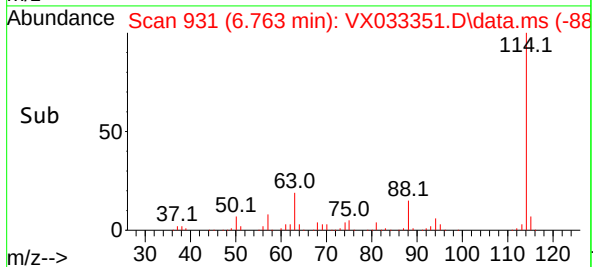
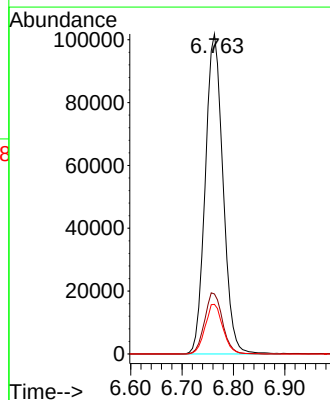
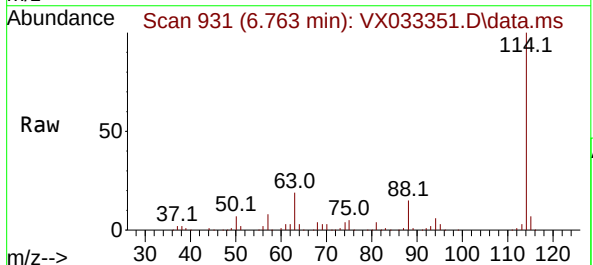
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-120822

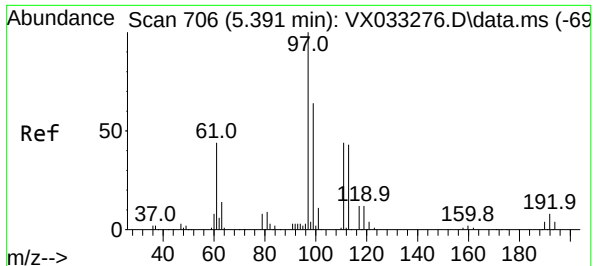
Tgt Ion: 65 Resp: 46991
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033351.D
 Acq: 09 Dec 2022 16:36

Tgt Ion: 114 Resp: 243586
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.6
 88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.255 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033351.D

Acq: 09 Dec 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

TB-01-120822

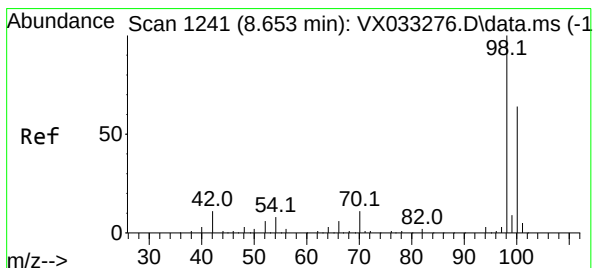
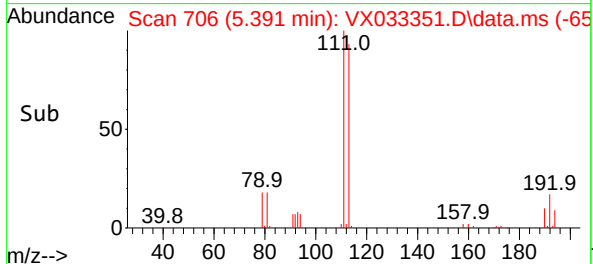
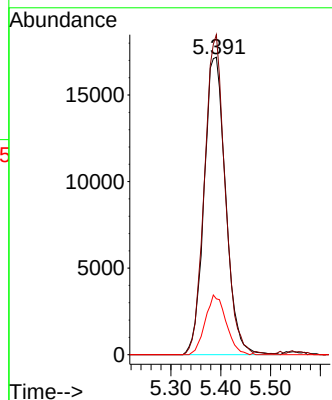
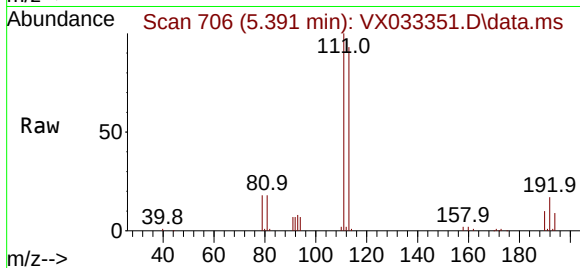
Tgt Ion:113 Resp: 51773

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 19.4 15.4 23.2



#50

Toluene-d8

Concen: 47.537 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033351.D

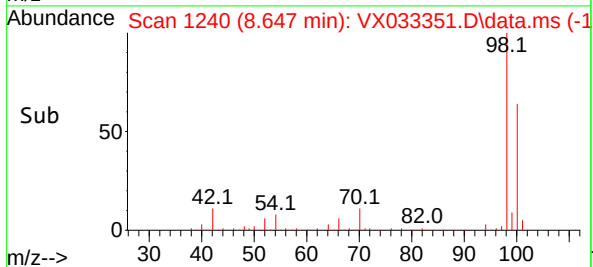
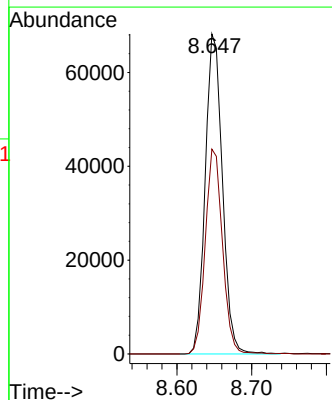
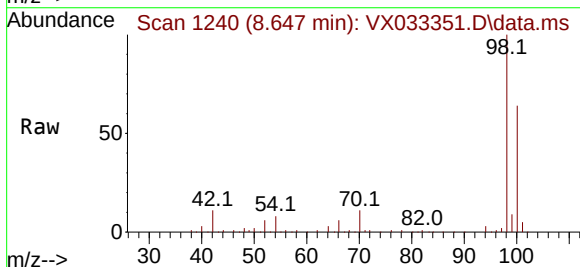
Acq: 09 Dec 2022 16:36

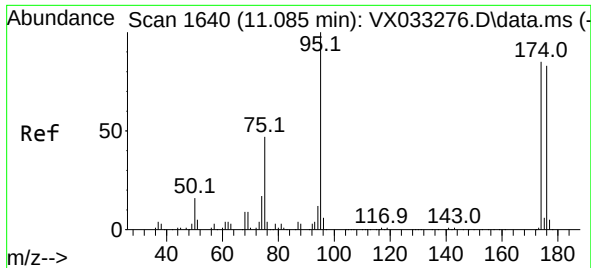
Tgt Ion: 98 Resp: 108951

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

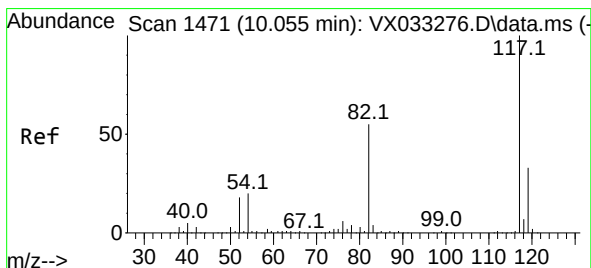
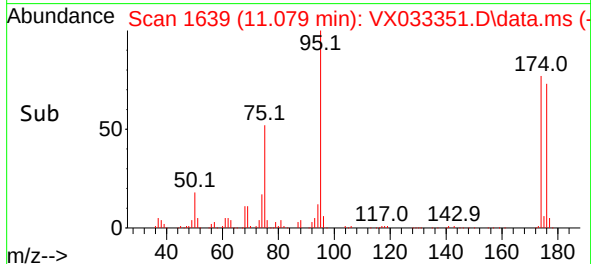
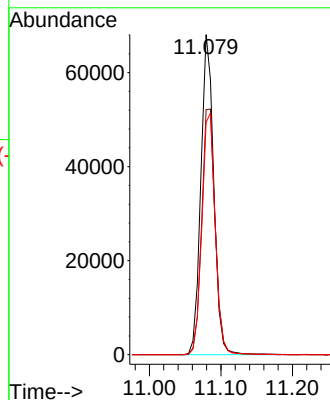
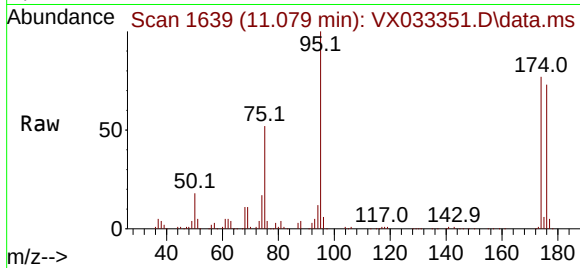




#62
4-Bromofluorobenzene
Concen: 48.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033351.D
Acq: 09 Dec 2022 16:36

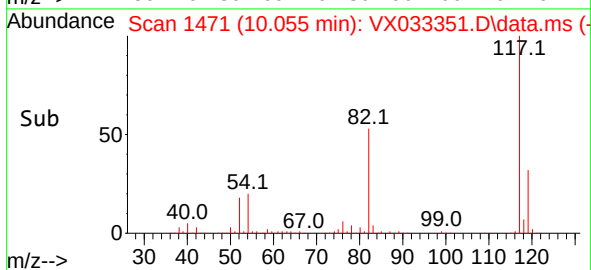
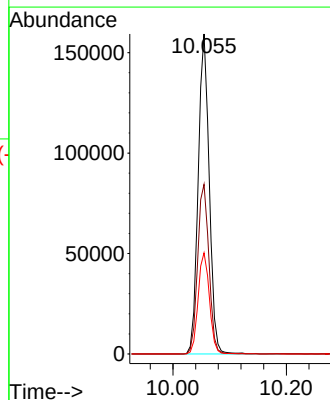
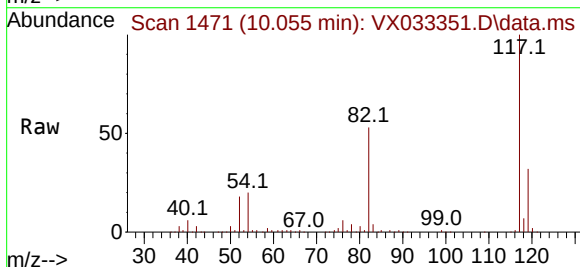
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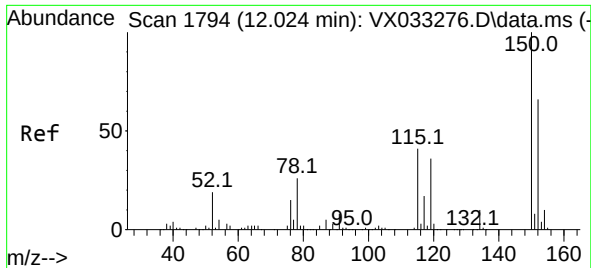
Tgt Ion: 95 Resp: 85092
Ion Ratio Lower Upper
95 100
174 80.8 0.0 164.0
176 78.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033351.D
Acq: 09 Dec 2022 16:36

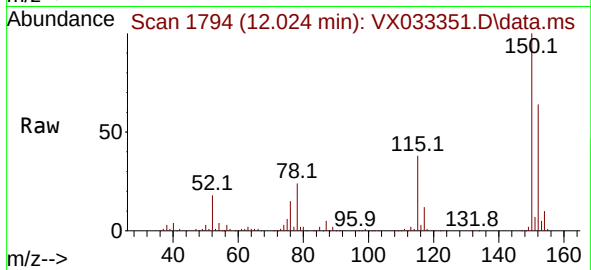
Tgt Ion: 117 Resp: 214873
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 31.6 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033351.D
 Acq: 09 Dec 2022 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 97646
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.0 132.0
 150 156.0 0.0 351.8

