

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035473.D
 Acq On : 02 May 2023 12:53
 Operator : JC/MD
 Sample : 02533-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03

Quant Time: May 03 03:15:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

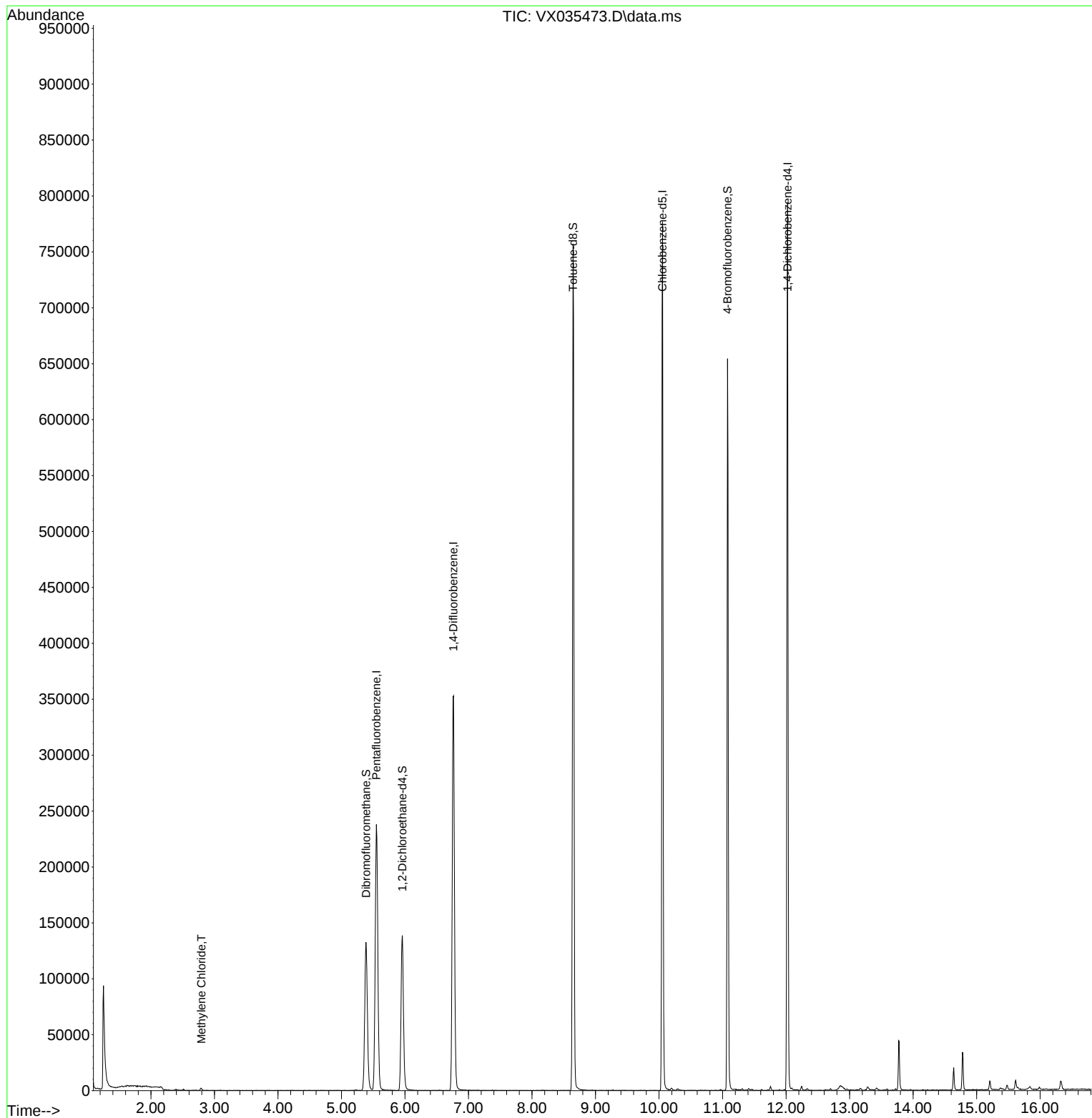
Internal Standards						
1) Pentafluorobenzene	5.550	168	235958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135199	47.493	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.980%
35) Dibromofluoromethane	5.385	113	117942	50.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	8.647	98	461797	52.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.040%
62) 4-Bromofluorobenzene	11.079	95	178213	53.879	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.760%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	1078	0.380	ug/l #	65

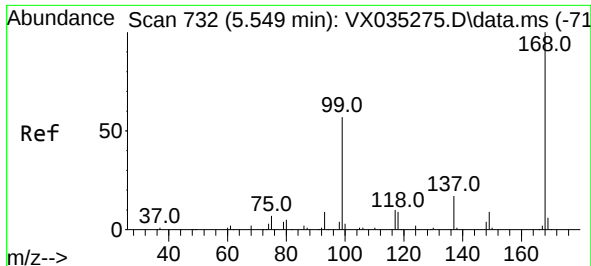
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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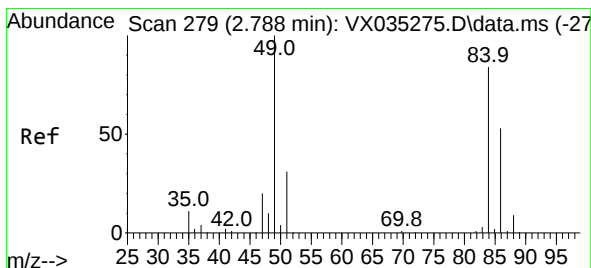
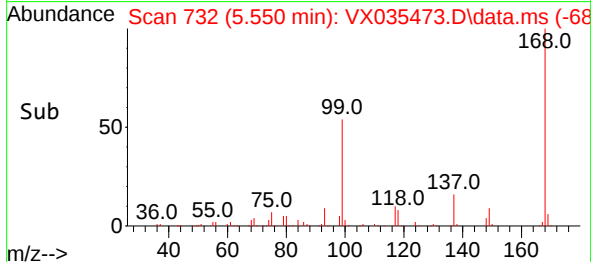
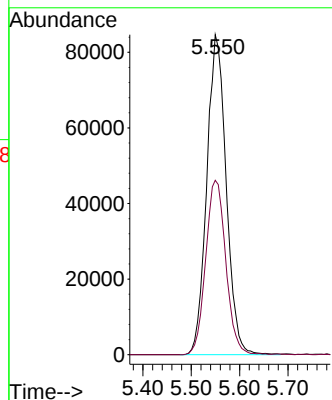
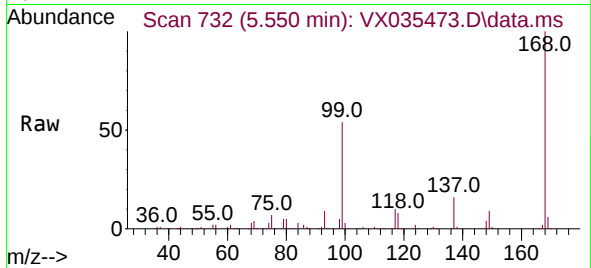




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

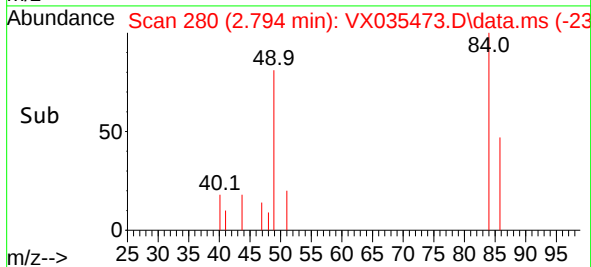
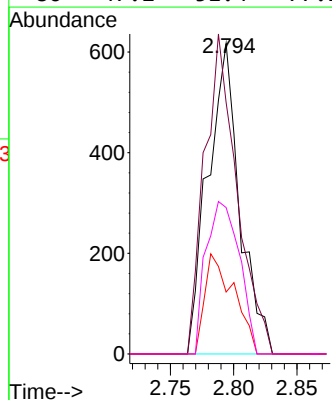
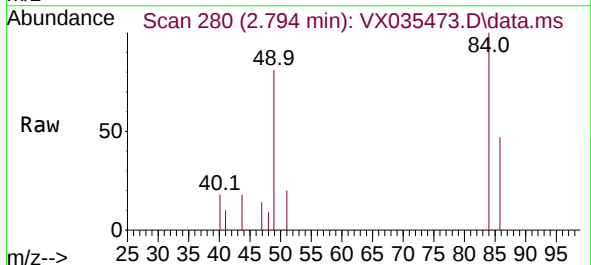
Instrument :
MSVOA_X
ClientSampleId :
TB-03

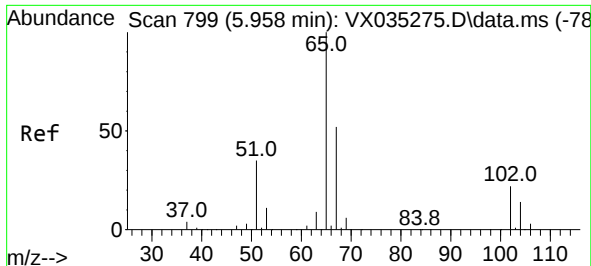
Tgt Ion:168 Resp: 235958
Ion Ratio Lower Upper
168 100
99 54.5 45.7 68.5



#20
Methylene Chloride
Concen: 0.380 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion: 84 Resp: 1078
Ion Ratio Lower Upper
84 100
49 81.0 103.8 155.8#
51 19.9 31.8 47.8#
86 47.2 51.4 77.2#

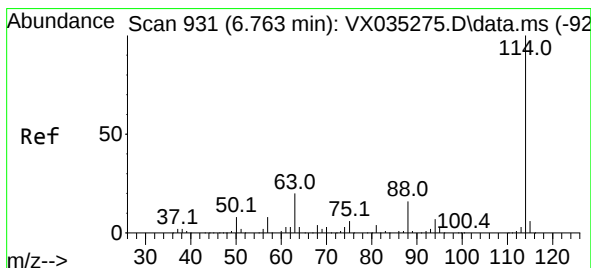
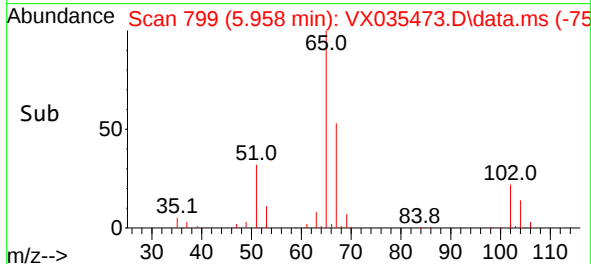
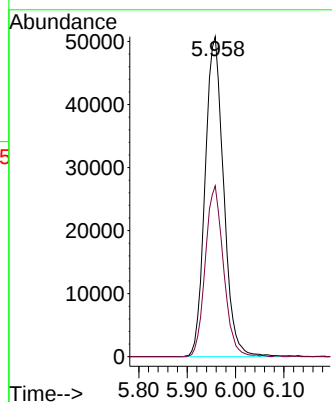
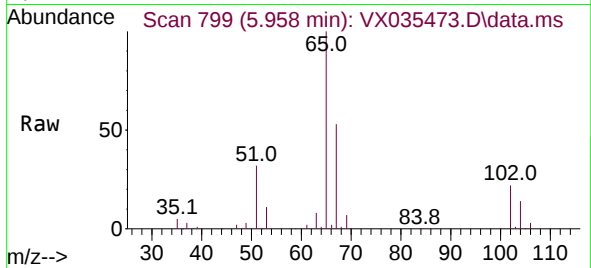




#33
 1,2-Dichloroethane-d4
 Concen: 47.493 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035473.D
 Acq: 02 May 2023 12:53

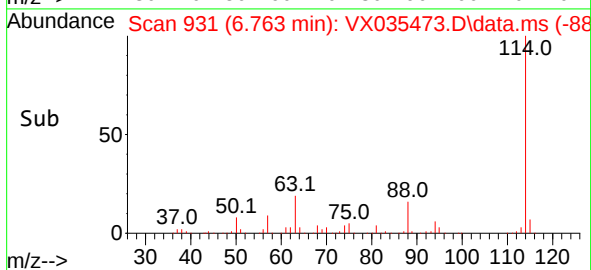
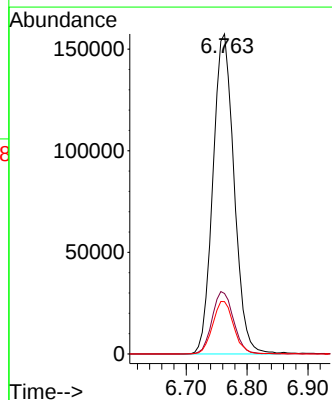
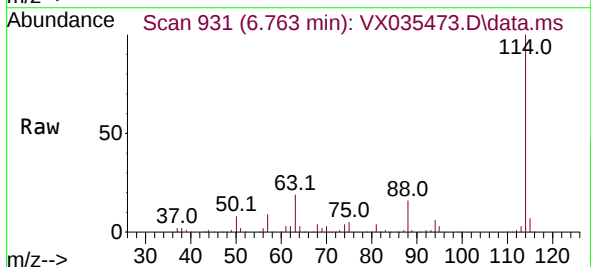
Instrument :
 MSVOA_X
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 TB-03

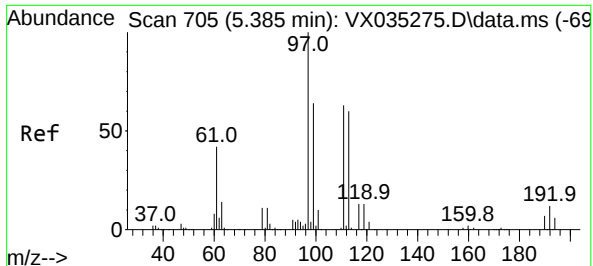
Tgt Ion: 65 Resp: 135199
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035473.D
 Acq: 02 May 2023 12:53

Tgt Ion: 114 Resp: 379755
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.2
 88 16.4 0.0 33.2

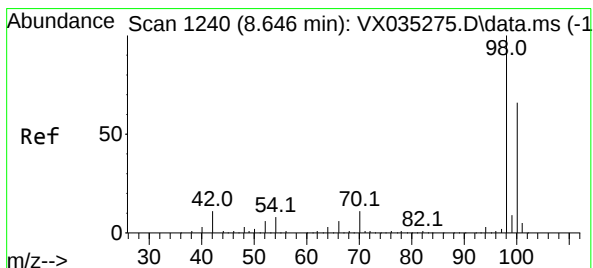
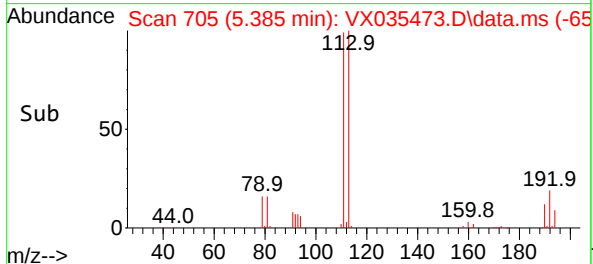
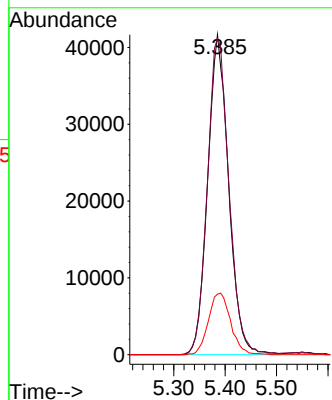
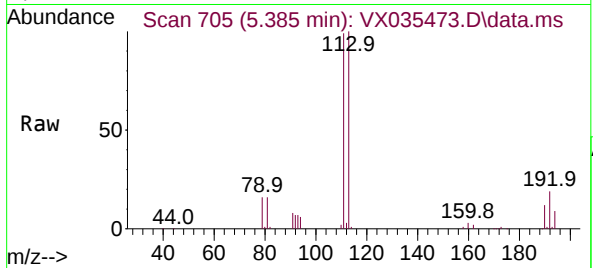




#35
Dibromofluoromethane
Concen: 50.601 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

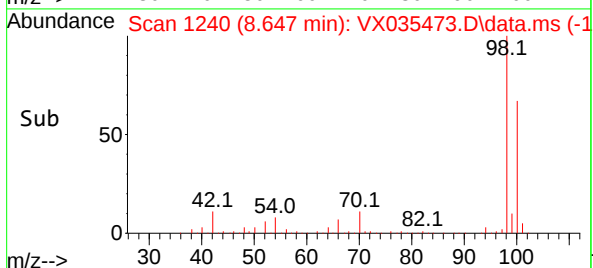
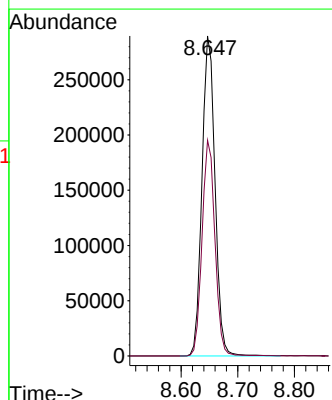
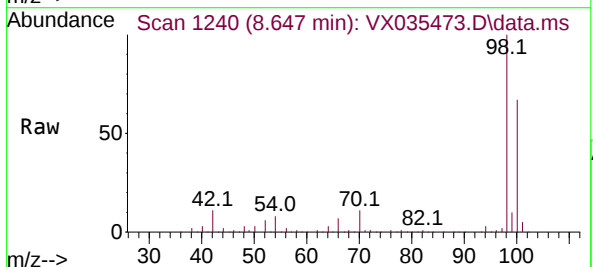
Instrument :
MSVOA_X
ClientSampleId :
TB-03

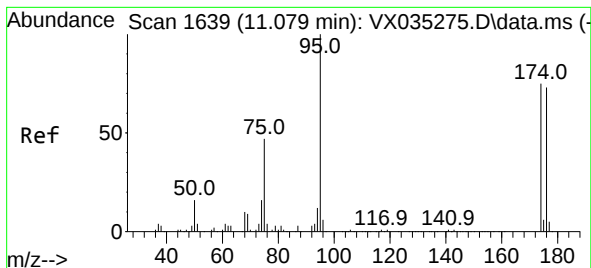
Tgt Ion:113 Resp: 117942
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 20.4 15.4 23.2



#50
Toluene-d8
Concen: 52.521 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion: 98 Resp: 461797
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

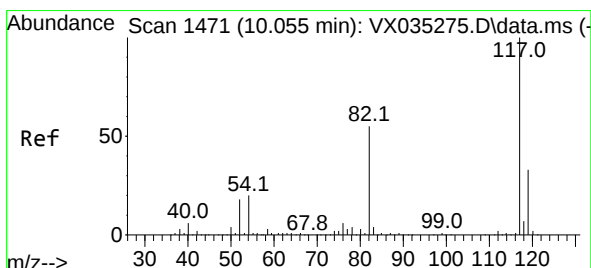
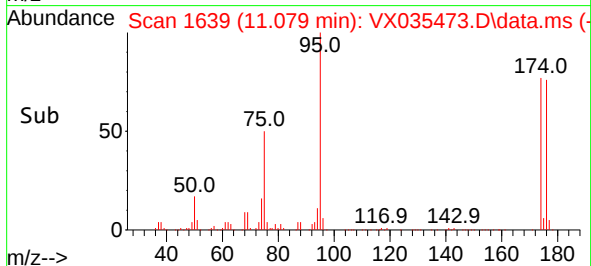
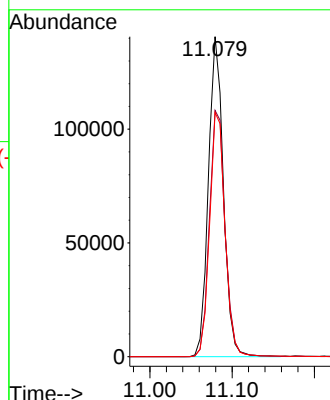
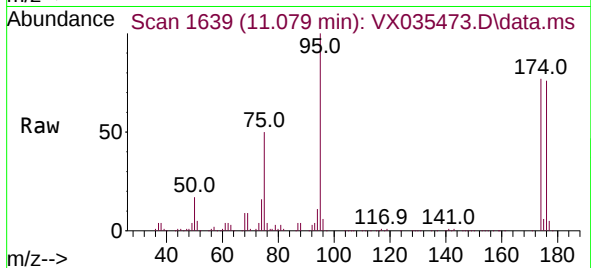




#62
4-Bromofluorobenzene
Concen: 53.879 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

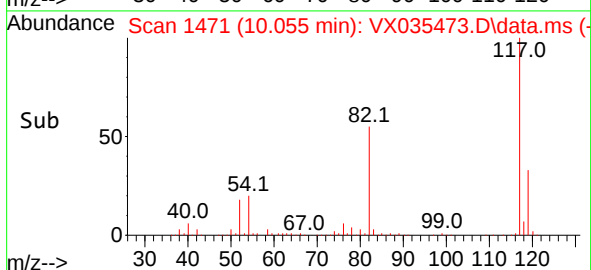
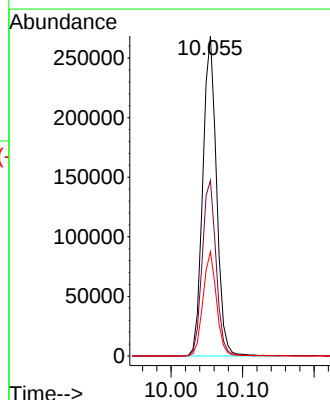
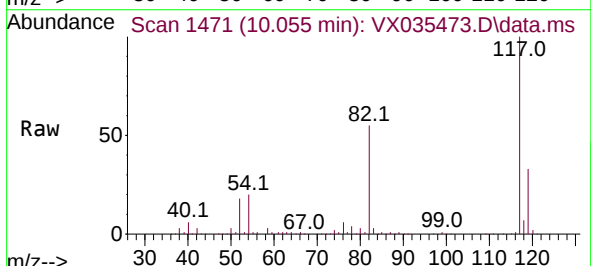
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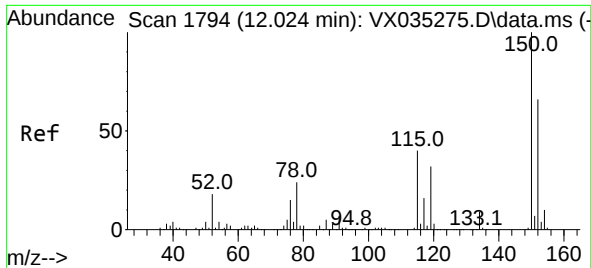
Tgt Ion: 95 Resp: 178213
Ion Ratio Lower Upper
95 100
174 80.3 0.0 147.4
176 78.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

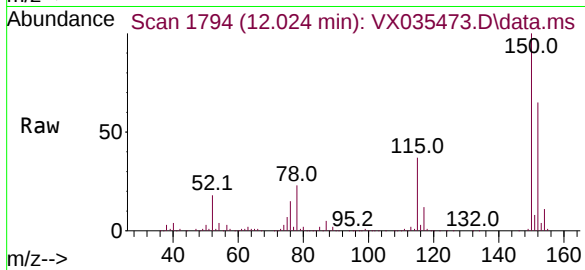
Tgt Ion: 117 Resp: 358381
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.6 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035473.D
 Acq: 02 May 2023 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03



Tgt Ion:152 Resp: 177496
 Ion Ratio Lower Upper
 152 100
 115 58.8 45.0 135.0
 150 155.6 0.0 352.4

