

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043171.D
 Acq On : 26 Sep 2024 12:29
 Operator : JC/MD
 Sample : P4164-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20240920

Quant Time: Sep 27 01:40:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

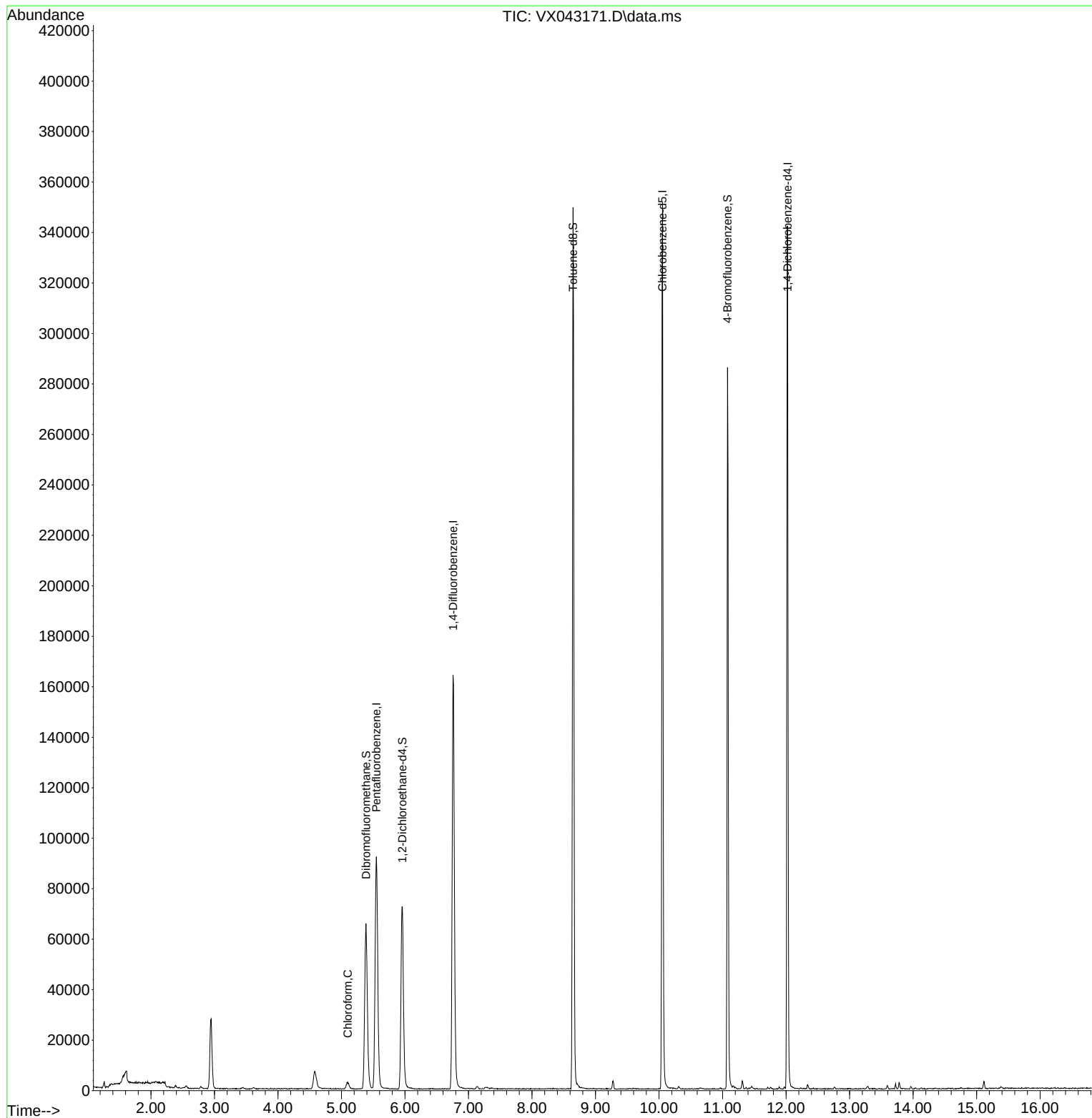
Internal Standards						
1) Pentafluorobenzene	5.550	168	82959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75181	54.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.120%	
35) Dibromofluoromethane	5.385	113	58184	48.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.900%	
50) Toluene-d8	8.647	98	205284	51.052	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	11.079	95	77030	47.569	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.140%	
Target Compounds						
30) Chloroform	5.098	83	3339	1.713	ug/l	Qvalue 96

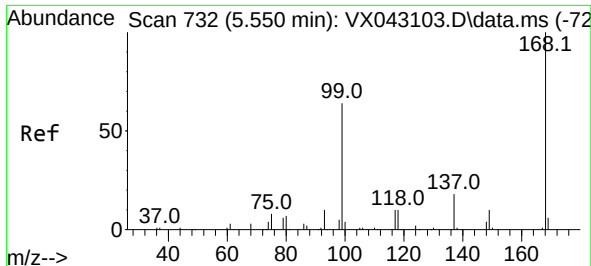
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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MSVOA_X

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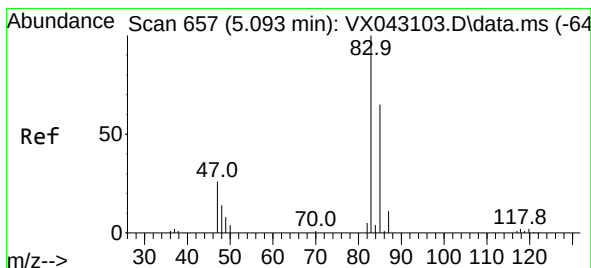
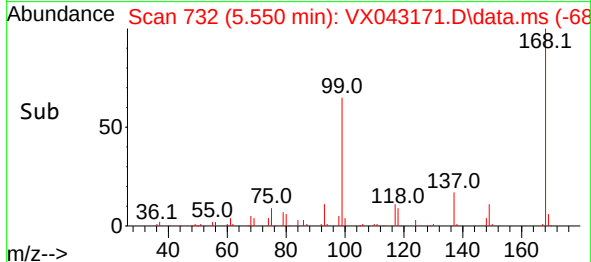
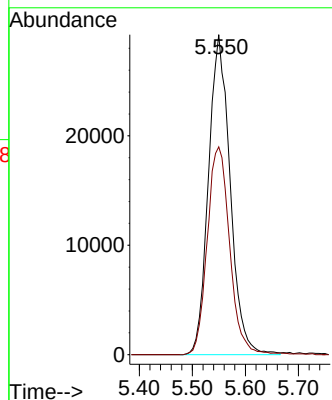
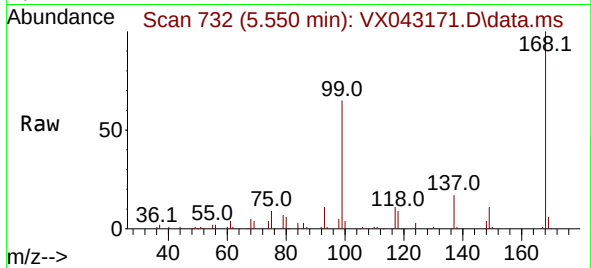
RE135D1-20240920

Tgt Ion:168 Resp: 82959

Ion Ratio Lower Upper

168 100

99 64.9 50.8 76.2



#30

Chloroform

Concen: 1.713 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX043171.D

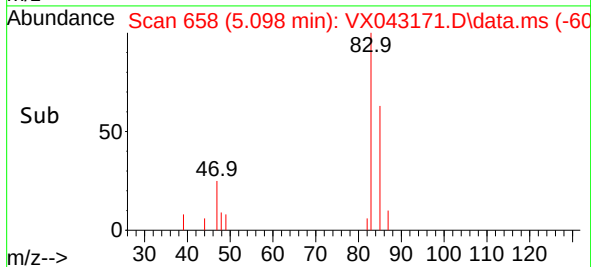
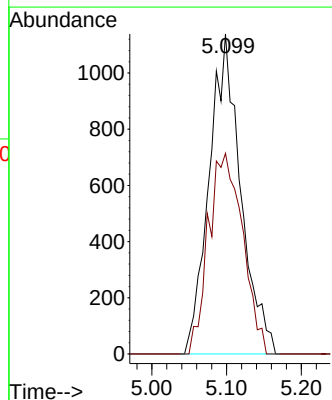
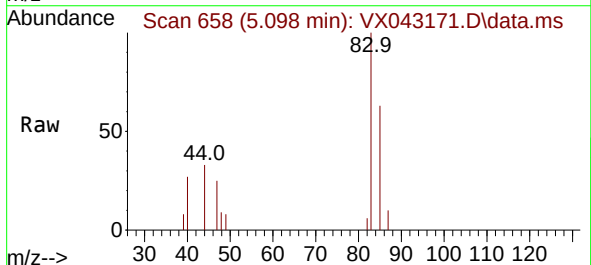
Acq: 26 Sep 2024 12:29

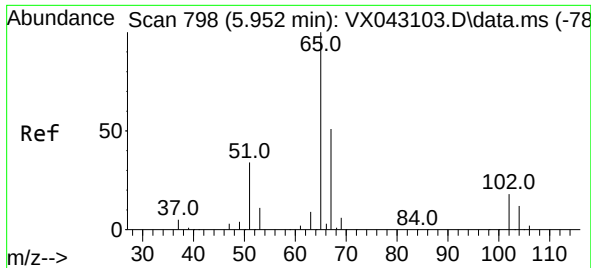
Tgt Ion: 83 Resp: 3339

Ion Ratio Lower Upper

83 100

85 62.7 52.4 78.6

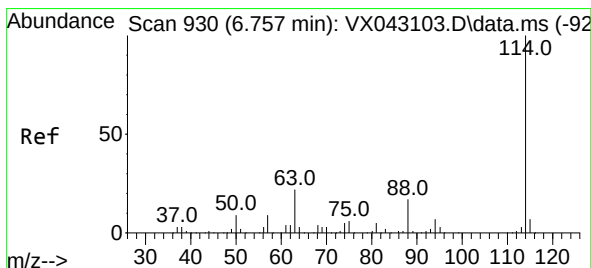
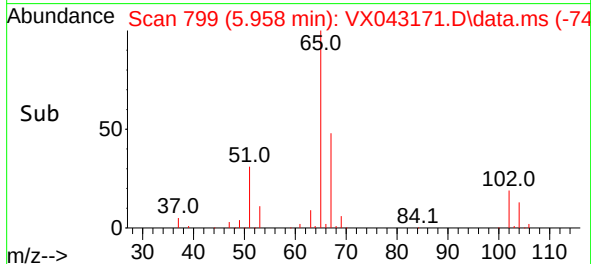
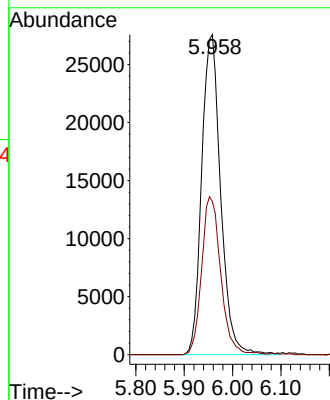
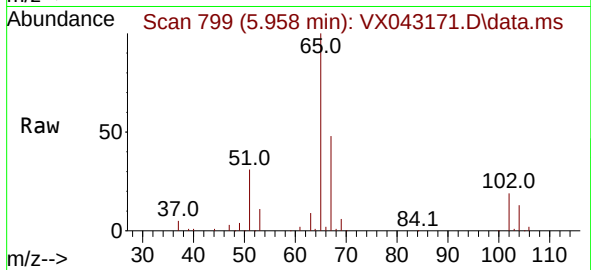




#33
 1,2-Dichloroethane-d4
 Concen: 54.559 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043171.D
 Acq: 26 Sep 2024 12:29

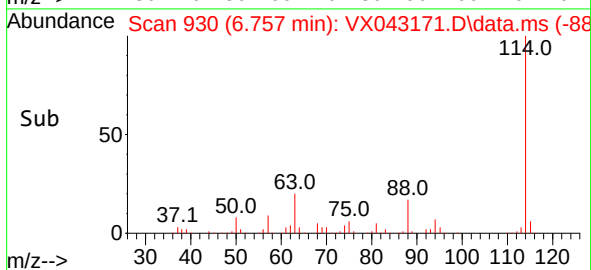
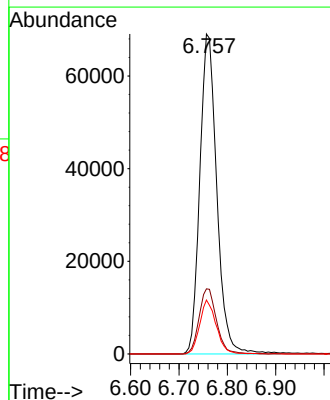
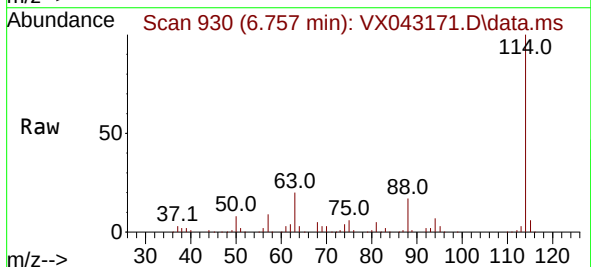
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20240920

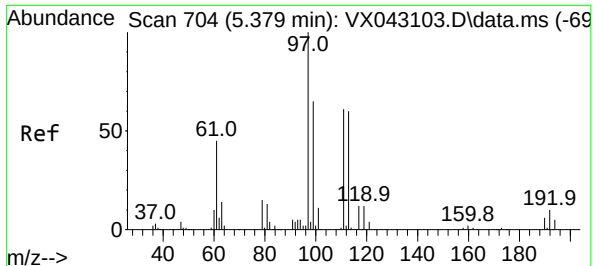
Tgt Ion: 65 Resp: 75181
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043171.D
 Acq: 26 Sep 2024 12:29

Tgt Ion: 114 Resp: 168482
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.2
 88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.955 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043171.D

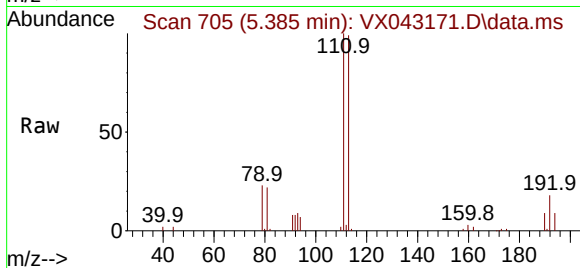
Acq: 26 Sep 2024 12:29

Instrument :

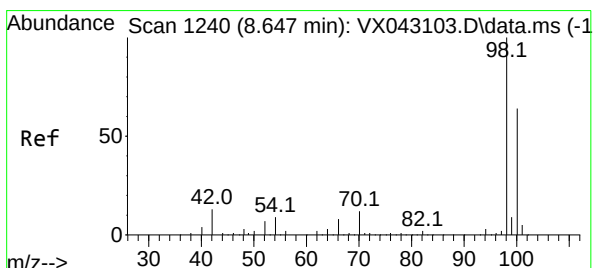
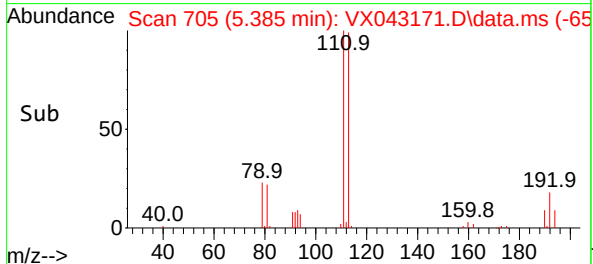
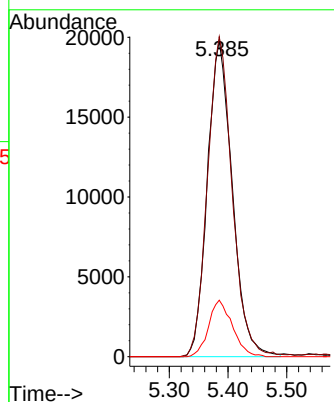
MSVOA_X

ClientSampleId :

RE135D1-20240920



Tgt Ion:	113	Resp:	58184
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.6	124.0
192	17.1	14.6	22.0



#50

Toluene-d8

Concen: 51.052 ug/l

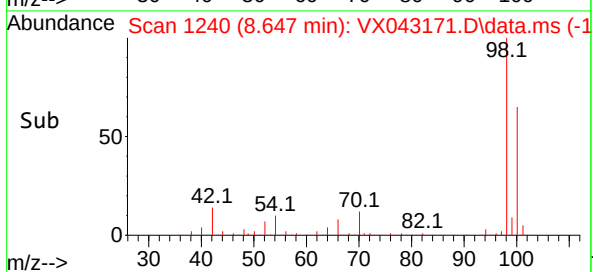
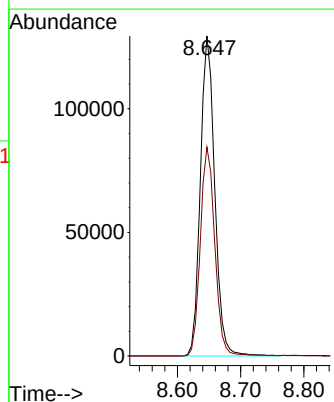
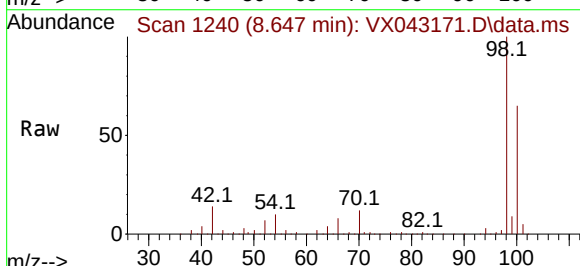
RT: 8.647 min Scan# 1240

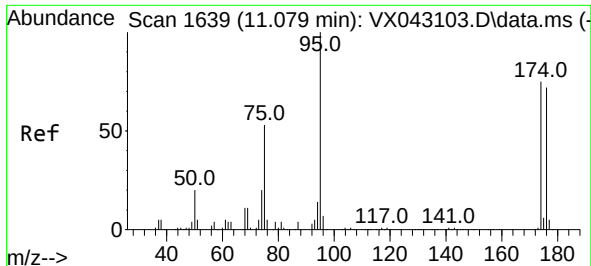
Delta R.T. -0.000 min

Lab File: VX043171.D

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Tgt Ion:	98	Resp:	205284
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.4

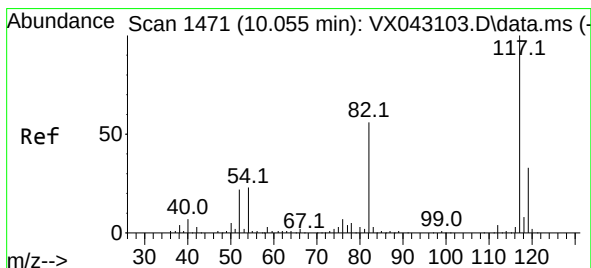
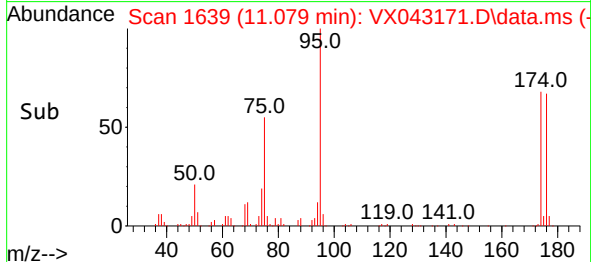
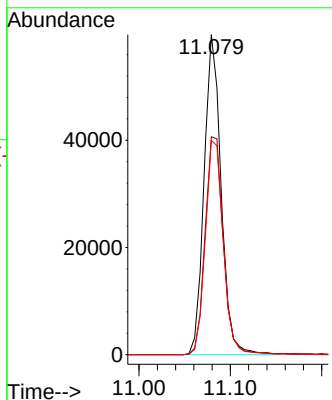
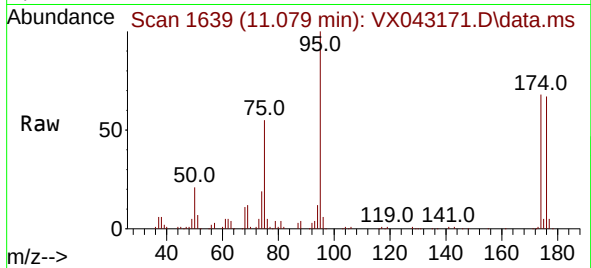




#62
4-Bromofluorobenzene
Concen: 47.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043171.D
Acq: 26 Sep 2024 12:29

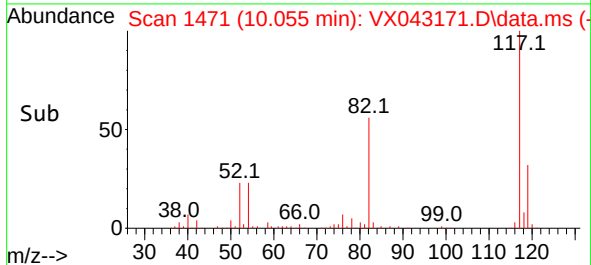
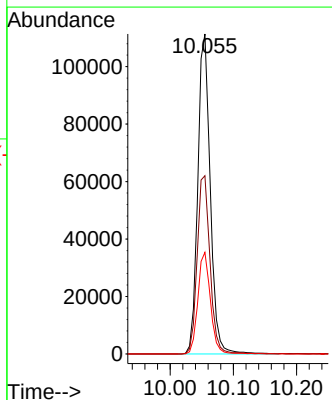
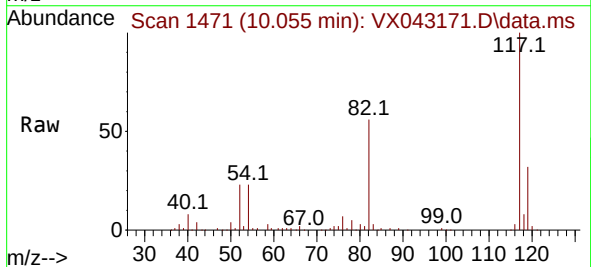
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20240920

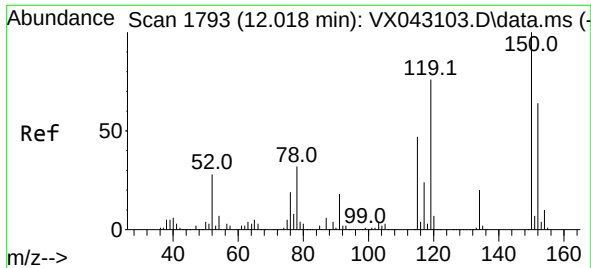
Tgt Ion: 95 Resp: 77030
Ion Ratio Lower Upper
95 100
174 73.1 0.0 146.0
176 70.8 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043171.D
Acq: 26 Sep 2024 12:29

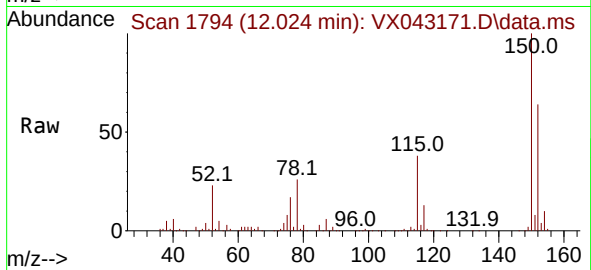
Tgt Ion: 117 Resp: 152978
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX043171.D
 Acq: 26 Sep 2024 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20240920



Tgt Ion:152 Resp: 71334
 Ion Ratio Lower Upper
 152 100
 115 62.0 43.7 131.1
 150 156.9 0.0 344.6

