

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044254.D
 Acq On : 12 Dec 2024 15:55
 Operator : JC/MD
 Sample : P5261-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20241209

Quant Time: Dec 13 01:44:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

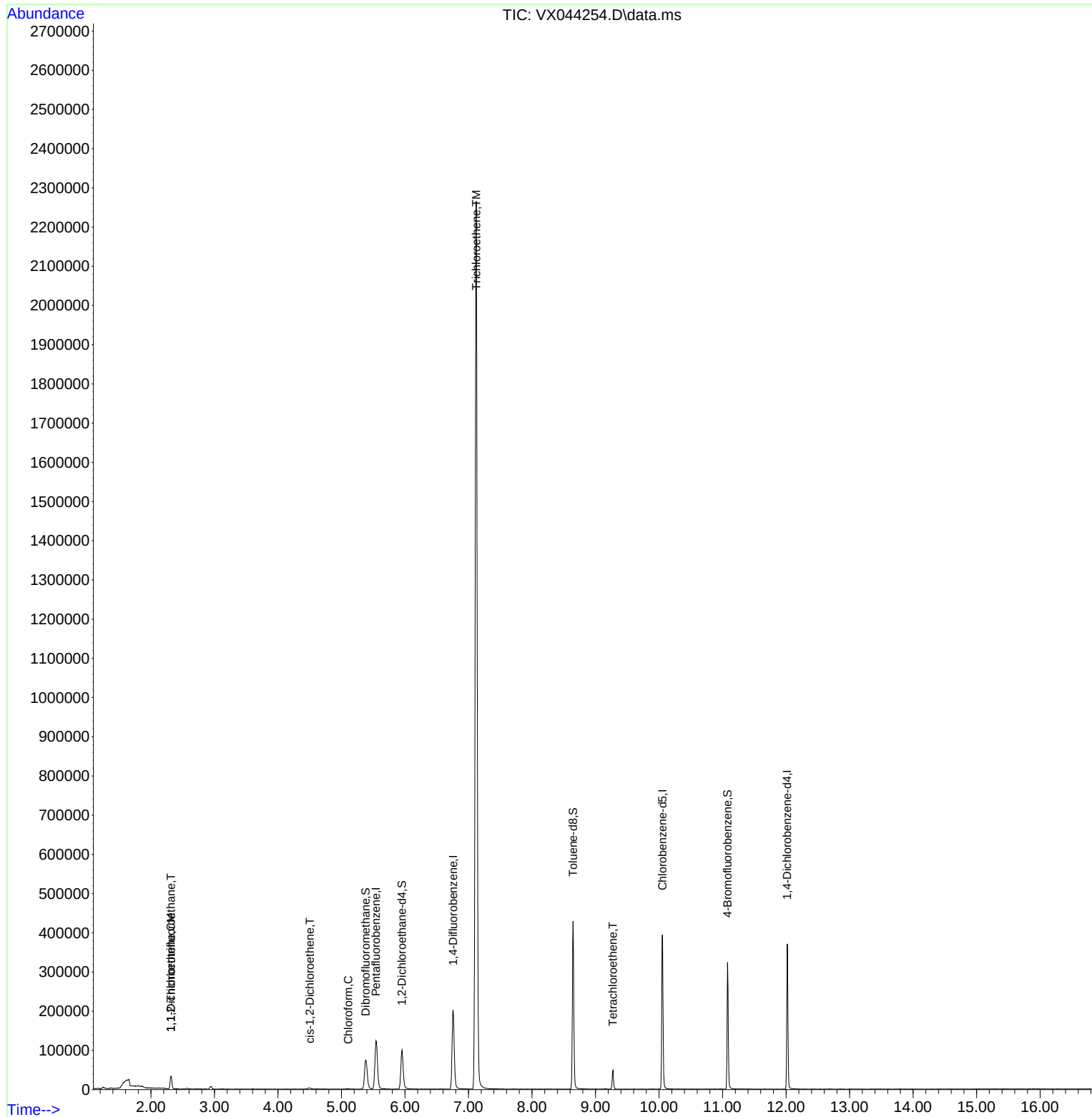
Internal Standards						
1) Pentafluorobenzene	5.543	168	106095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93845	50.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.900%	
35) Dibromofluoromethane	5.379	113	66033	47.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.020%	
50) Toluene-d8	8.647	98	241583	51.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.079	95	80955	49.408	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.820%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.312	101	11441	8.837	ug/l	96
12) 1,1-Dichloroethene	2.312	96	1697	1.427	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	2344	1.460	ug/l	90
30) Chloroform	5.105	83	1127	0.403	ug/l #	78
44) Trichloroethene	7.122	130	813979	598.378	ug/l	96
64) Tetrachloroethene	9.275	164	7515	6.508	ug/l	96

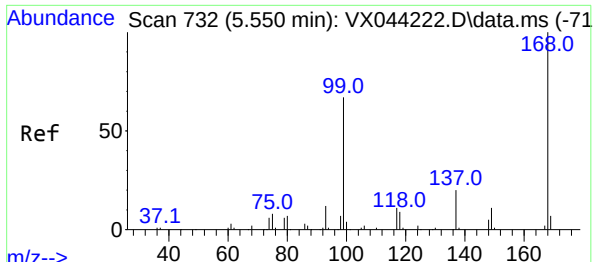
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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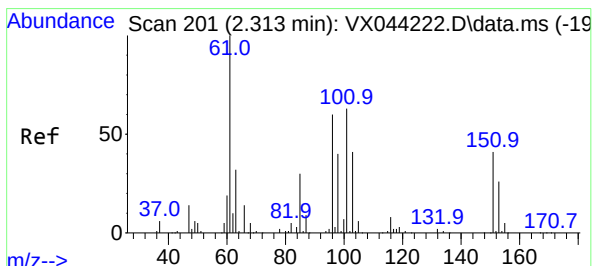
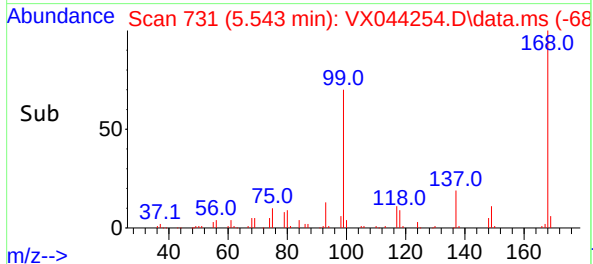
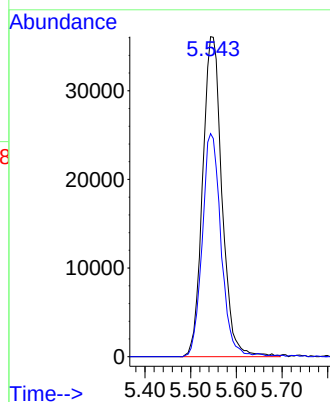
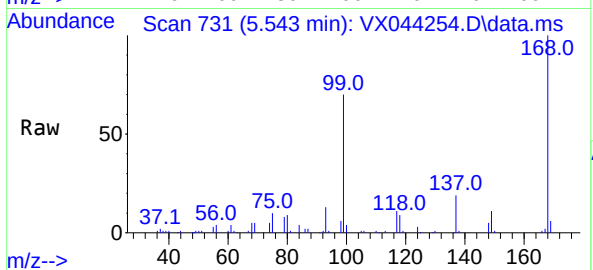




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

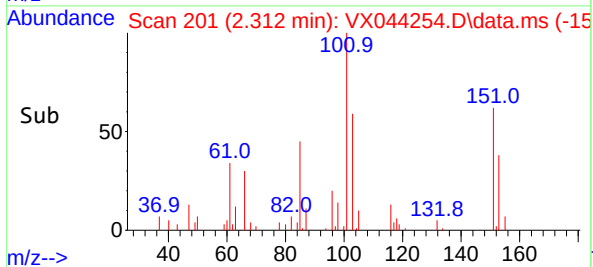
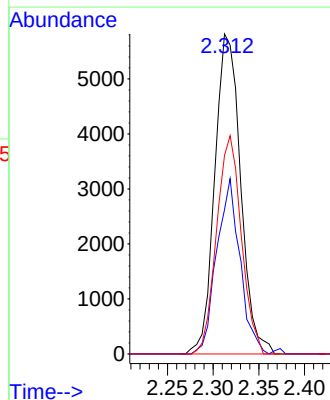
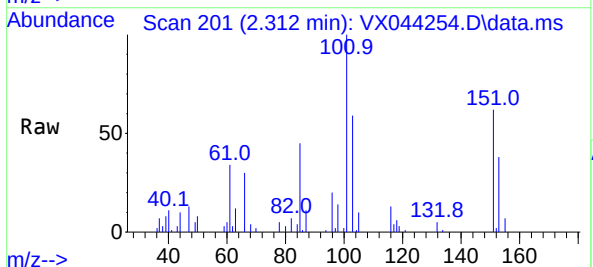
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

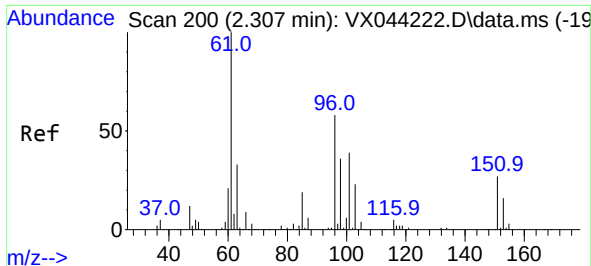
Tgt Ion:168 Resp: 106095
Ion Ratio Lower Upper
168 100
99 69.7 53.4 80.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.837 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion:101 Resp: 11441
Ion Ratio Lower Upper
101 100
85 49.4 38.5 57.7
151 65.3 55.8 83.6

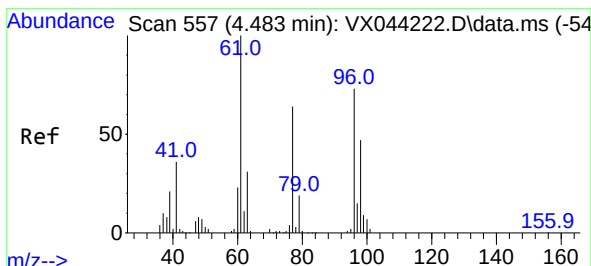
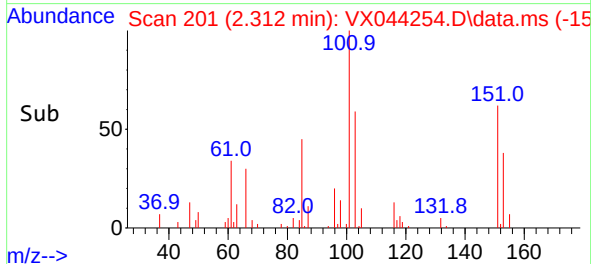
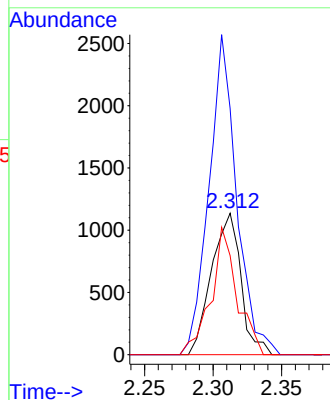
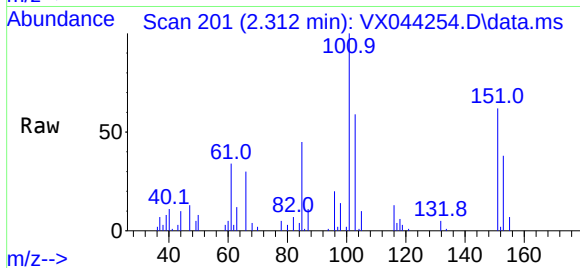




#12
1,1-Dichloroethene
Concen: 1.427 ug/l
RT: 2.312 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

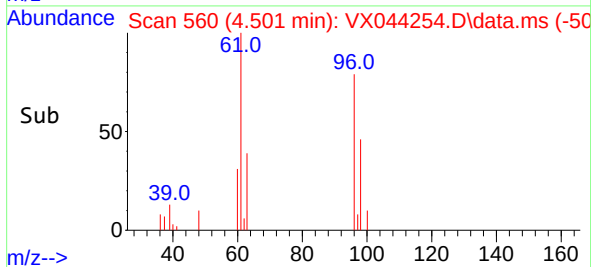
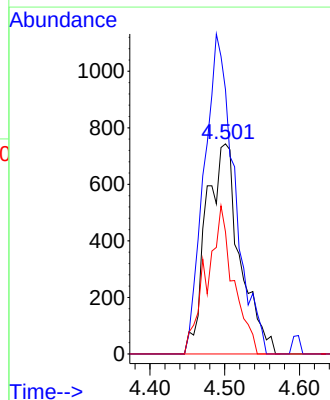
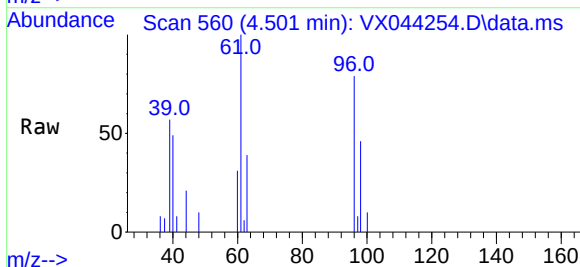
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

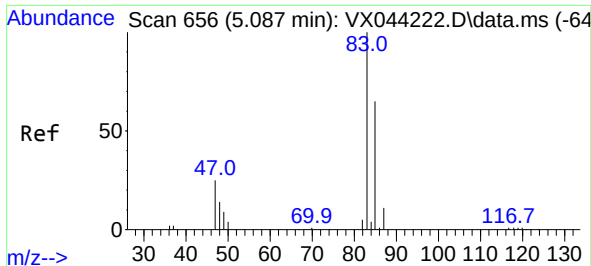
Tgt Ion: 96 Resp: 1697
Ion Ratio Lower Upper
96 100
61 174.2 138.0 207.0
98 70.1 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 1.460 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.018 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 96 Resp: 2344
Ion Ratio Lower Upper
96 100
61 137.0 0.0 299.0
98 55.8 0.0 129.0





#30

Chloroform

Concen: 0.403 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

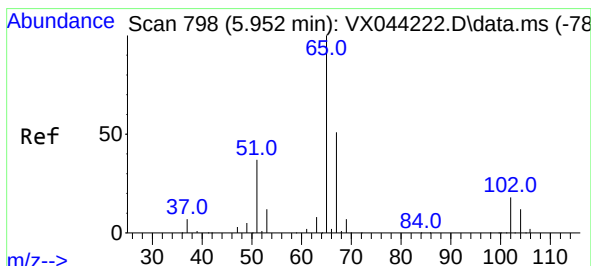
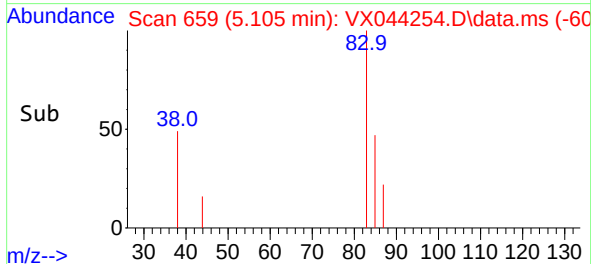
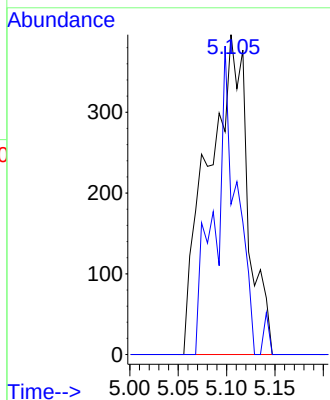
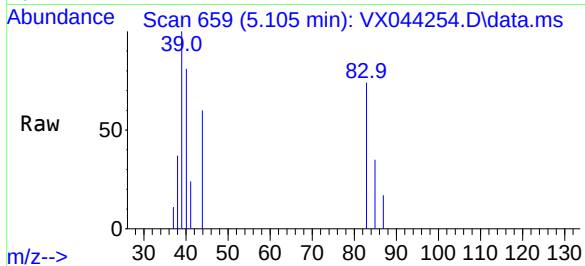
RE103D1-20241209

Tgt Ion: 83 Resp: 1127

Ion Ratio Lower Upper

83 100

85 47.0 51.6 77.4#



#33

1,2-Dichloroethane-d4

Concen: 50.449 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044254.D

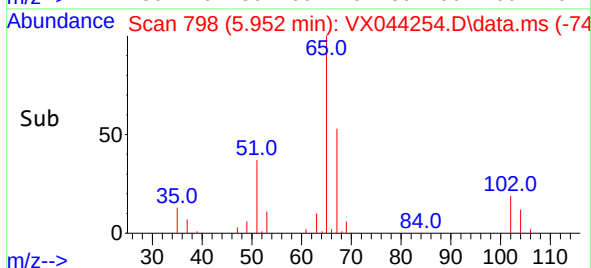
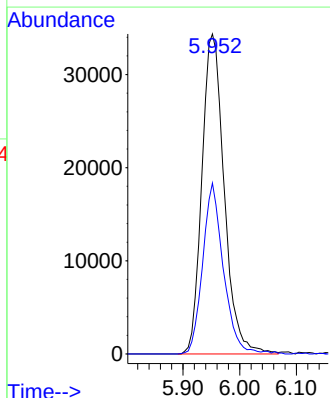
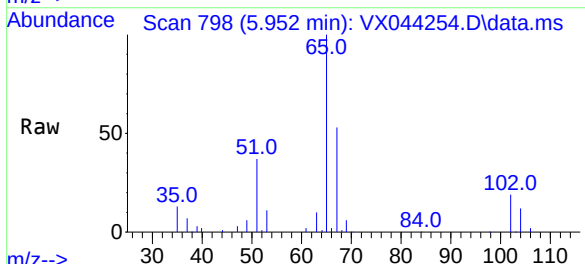
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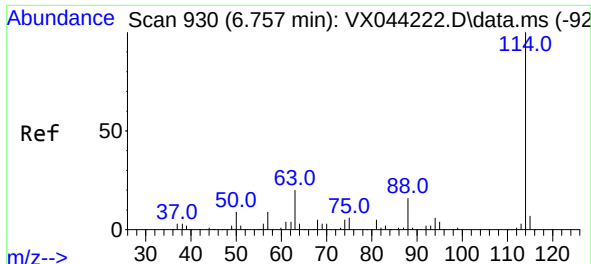
Tgt Ion: 65 Resp: 93845

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.6

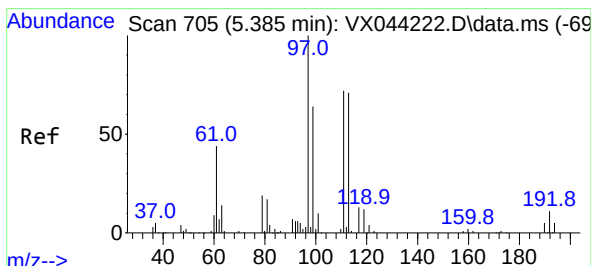
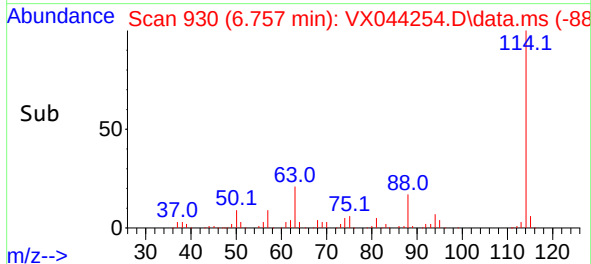
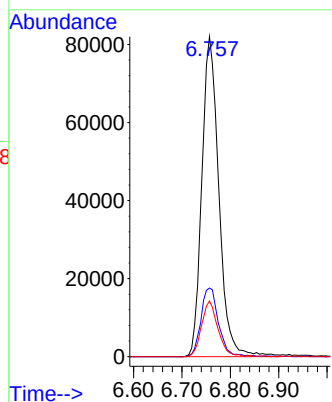
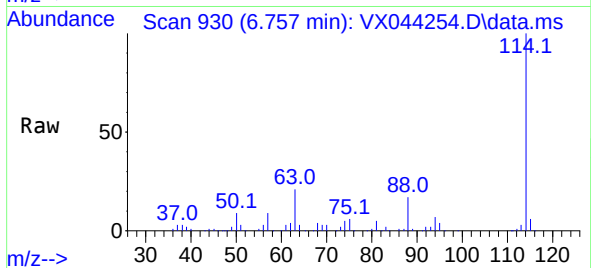




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

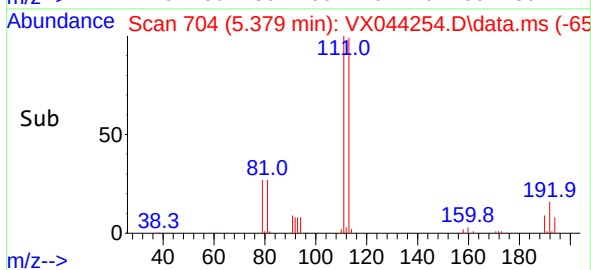
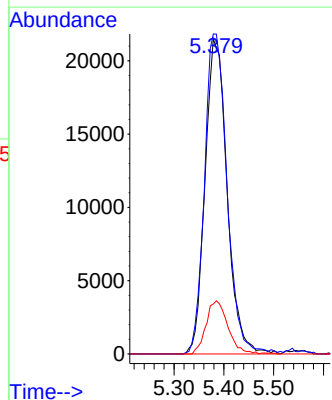
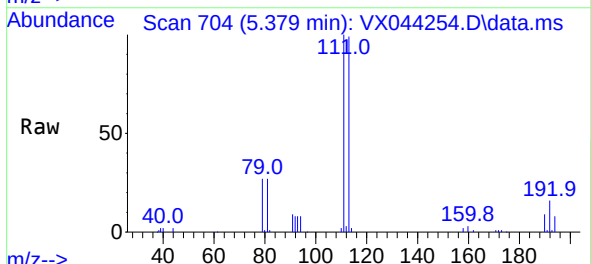
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

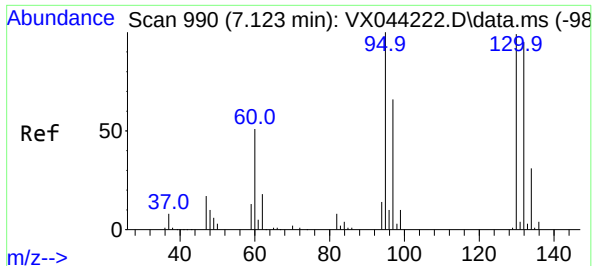
Tgt Ion:114 Resp: 200682
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.6
88 17.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.509 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

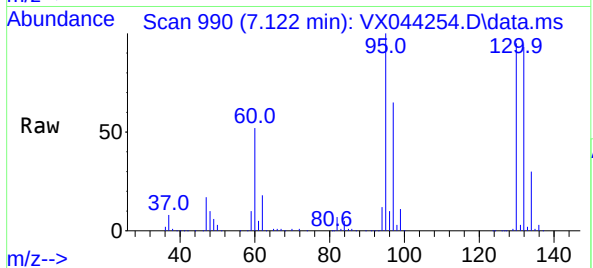
Tgt Ion:113 Resp: 66033
Ion Ratio Lower Upper
113 100
111 103.6 80.4 120.6
192 16.6 13.3 19.9



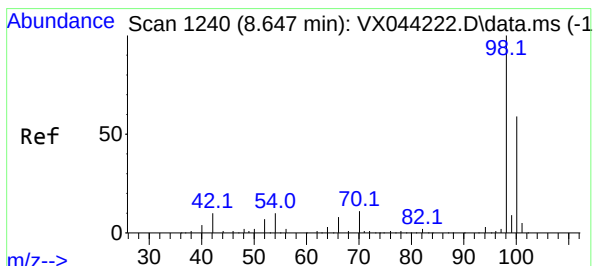
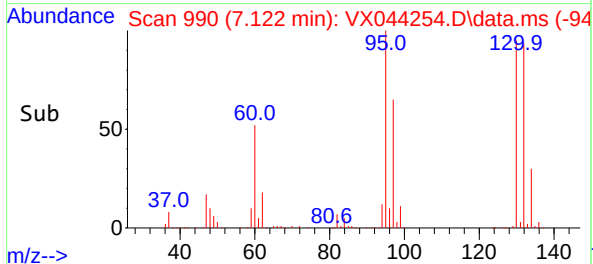
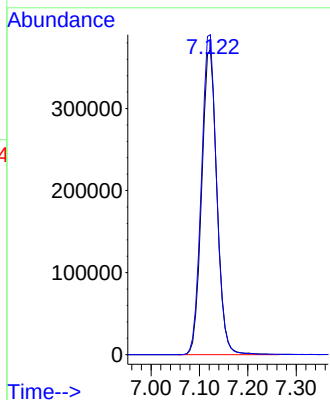


#44
Trichloroethene
Concen: 598.378 ug/l
RT: 7.122 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

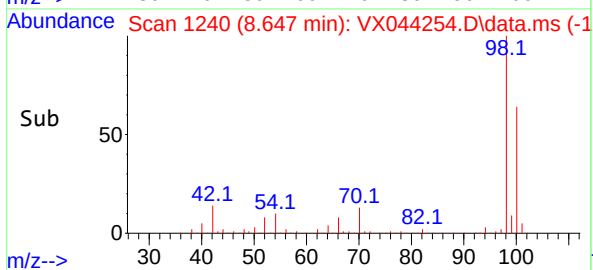
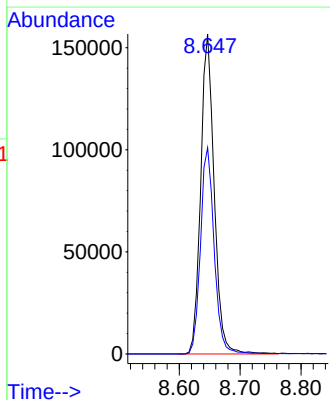
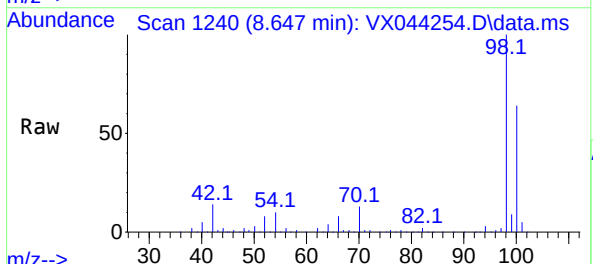


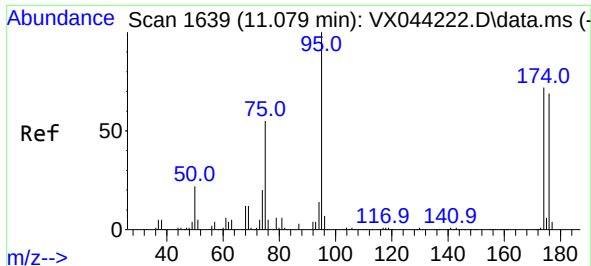
Tgt Ion:130 Resp: 813979
Ion Ratio Lower Upper
130 100
95 104.8 0.0 201.4



#50
Toluene-d8
Concen: 51.520 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 98 Resp: 241583
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3

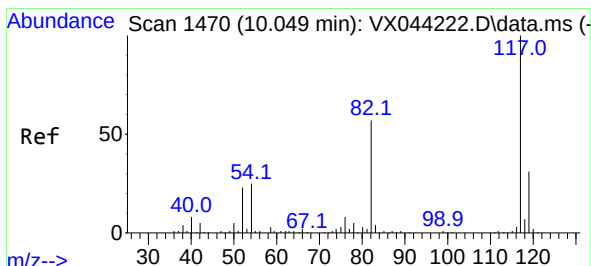
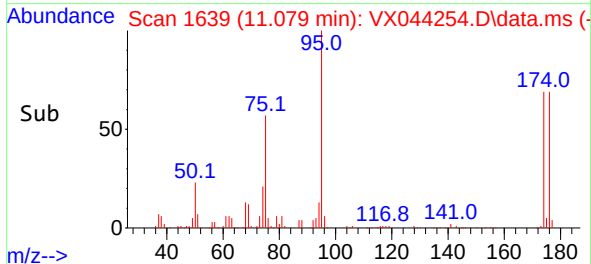
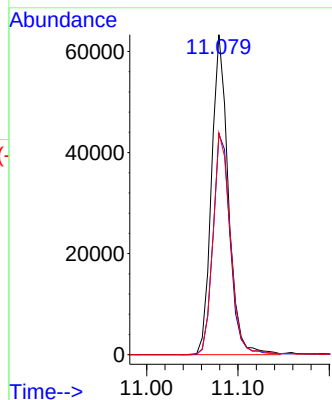
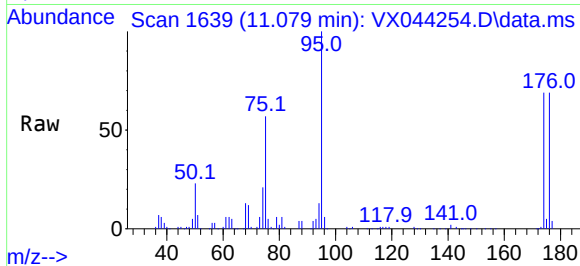




#62
4-Bromofluorobenzene
Concen: 49.408 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

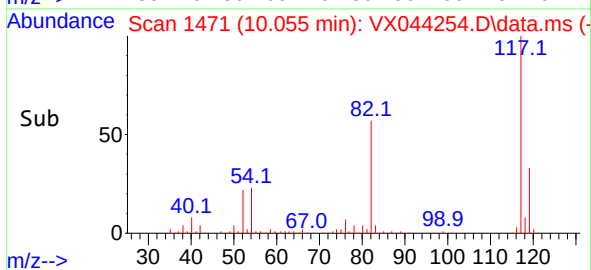
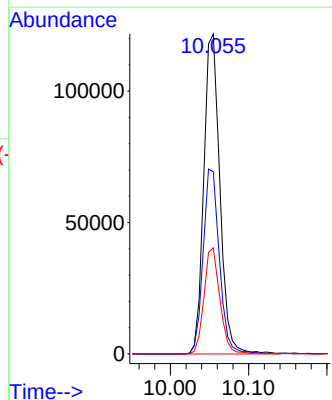
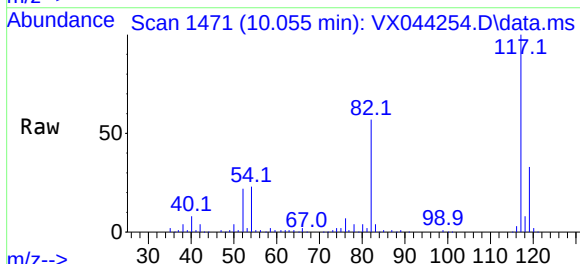
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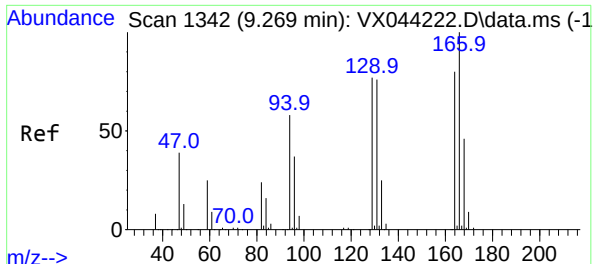
Tgt Ion: 95 Resp: 80955
Ion Ratio Lower Upper
95 100
174 70.9 0.0 145.8
176 71.7 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 117 Resp: 173984
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.8
119 33.1 25.0 37.4





#64

Tetrachloroethene

Concen: 6.508 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209

Tgt Ion:164 Resp: 7515

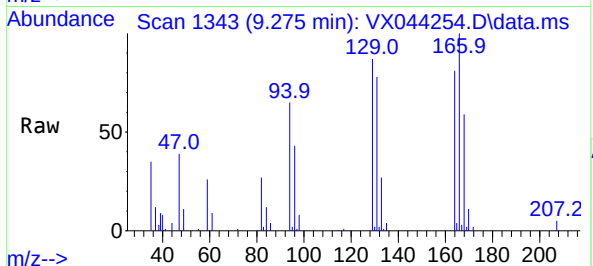
Ion Ratio Lower Upper

164 100

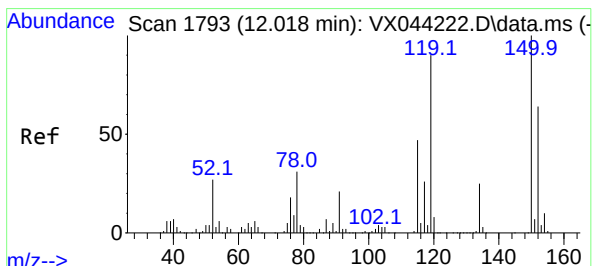
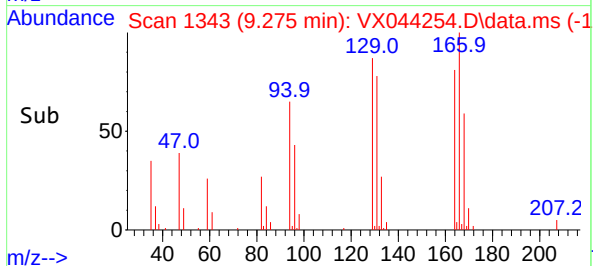
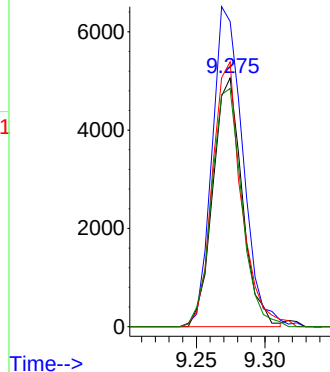
166 122.8 100.4 150.6

129 106.5 77.2 115.8

131 95.8 76.2 114.2



Abundance



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

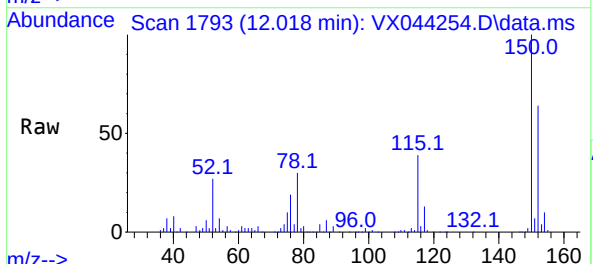
Tgt Ion:152 Resp: 71217

Ion Ratio Lower Upper

152 100

115 62.9 44.5 133.3

150 158.2 0.0 353.8



Abundance

