

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044256.D
 Acq On : 12 Dec 2024 16:42
 Operator : JC/MD
 Sample : P5261-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20241209

Quant Time: Dec 13 01:45:53 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)

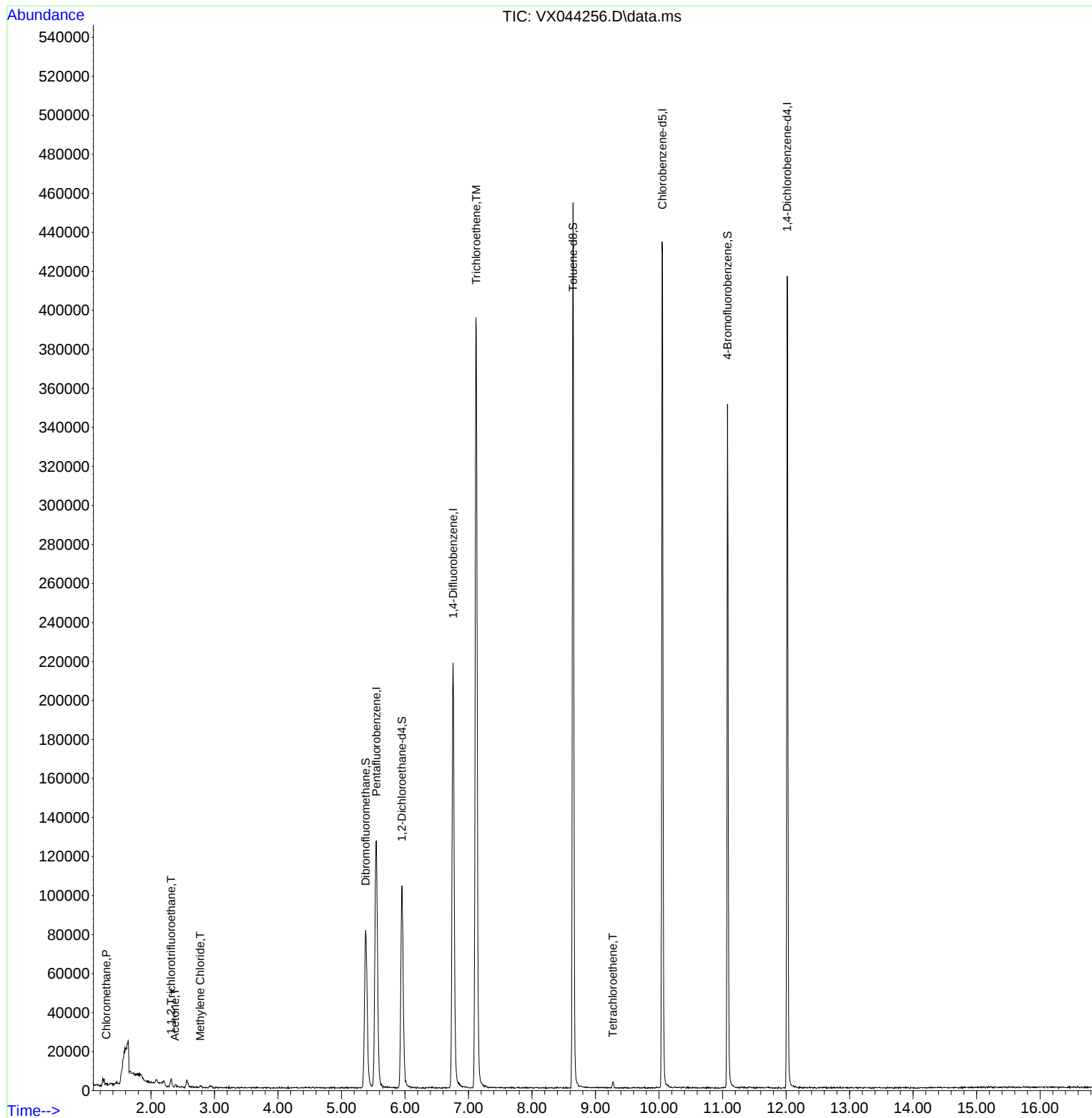
Internal Standards						
1) Pentafluorobenzene	5.550	168	110021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97683	50.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.280%	
35) Dibromofluoromethane	5.379	113	69559	46.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.640%	
50) Toluene-d8	8.647	98	259352	51.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	11.079	95	89420	51.054	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1052	0.647	ug/l #	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	1625	1.210	ug/l	96
16) Acetone	2.380	43	1213	1.542	ug/l	99
20) Methylene Chloride	2.776	84	372	0.252	ug/l #	66
44) Trichloroethene	7.123	130	147966	101.758	ug/l	100
64) Tetrachloroethene	9.275	164	456	0.363	ug/l #	57

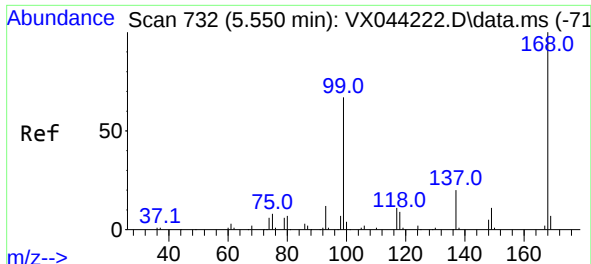
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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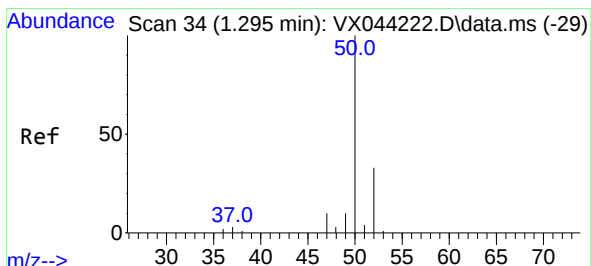
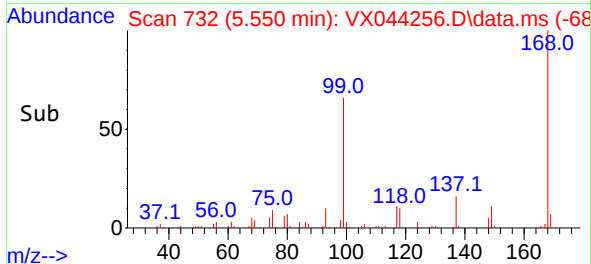
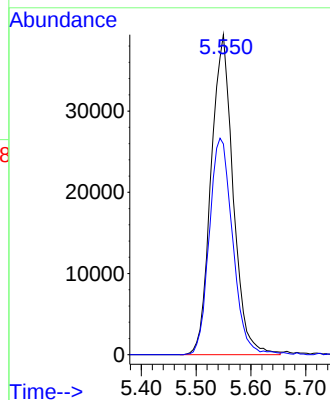
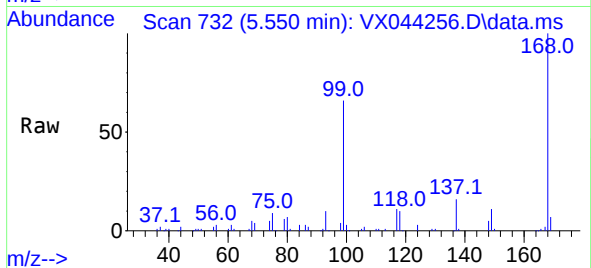




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

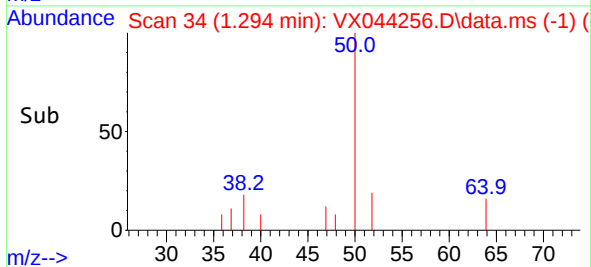
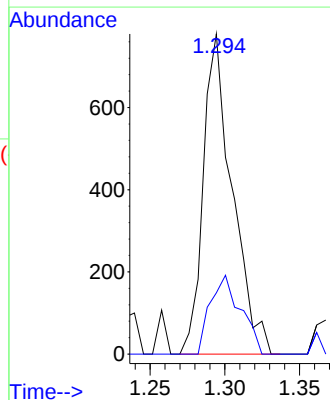
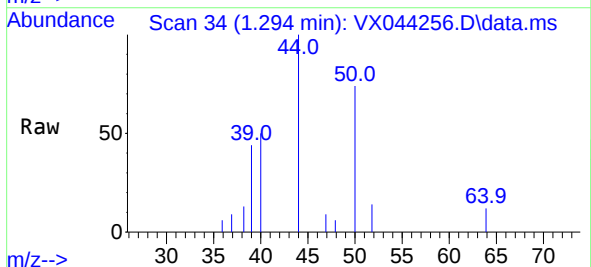
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

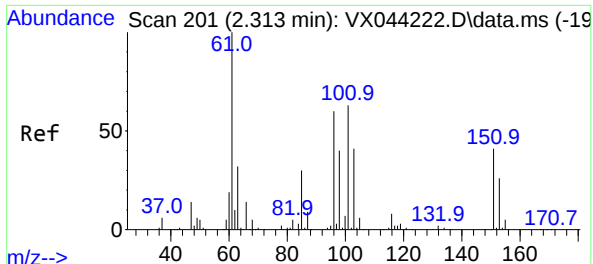
Tgt Ion:168 Resp: 110021
Ion Ratio Lower Upper
168 100
99 65.9 53.4 80.0



#3
Chloromethane
Concen: 0.647 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 50 Resp: 1052
Ion Ratio Lower Upper
50 100
52 19.1 26.5 39.7#

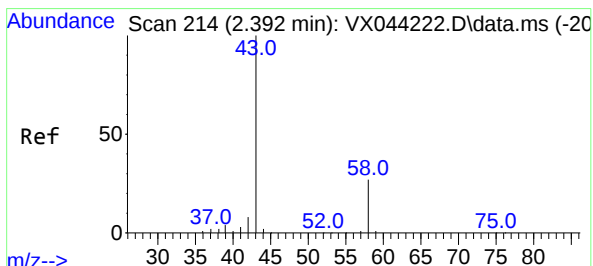
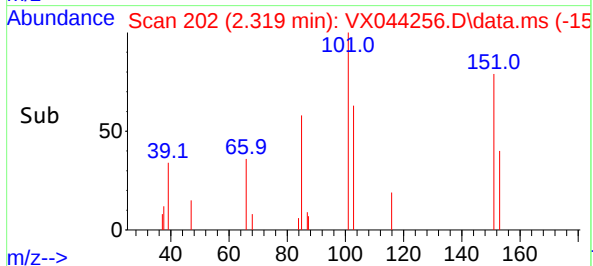
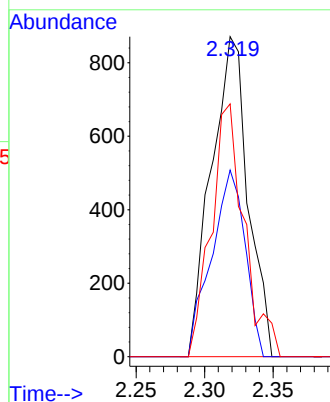
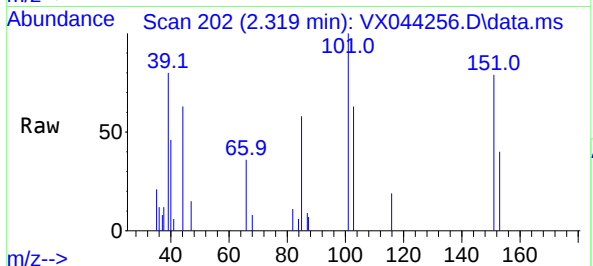




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.210 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

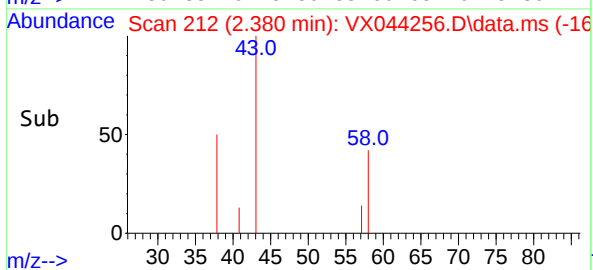
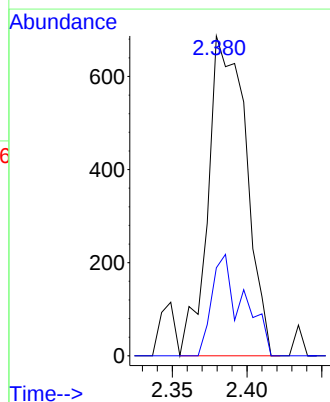
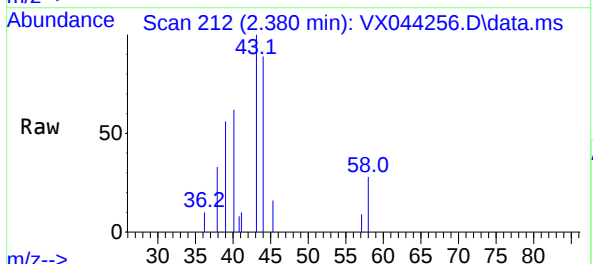
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

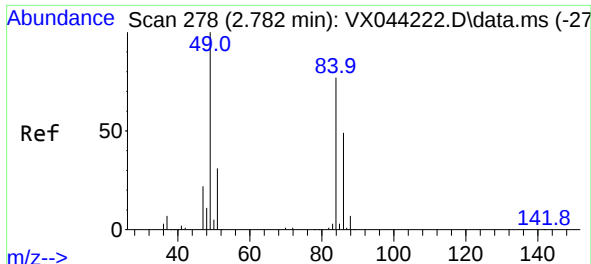
Tgt Ion:101 Resp: 1625
Ion Ratio Lower Upper
101 100
85 53.4 38.5 57.7
151 71.0 55.8 83.6



#16
Acetone
Concen: 1.542 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

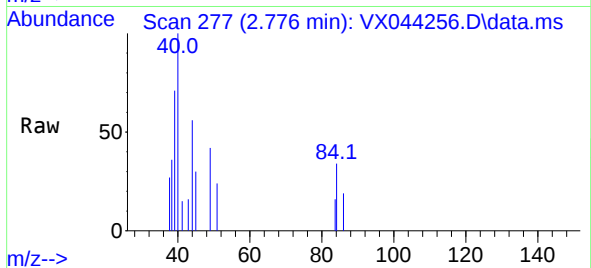
Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 27.5 21.6 32.4



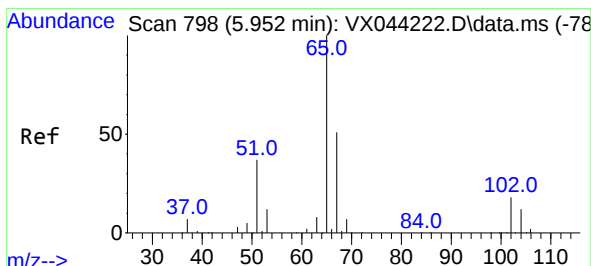
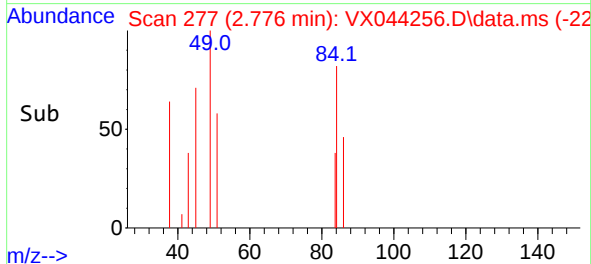
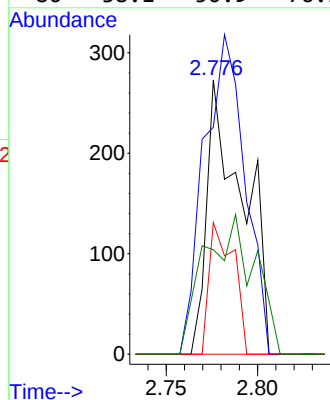


#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

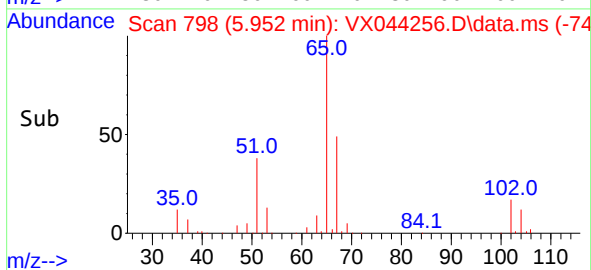
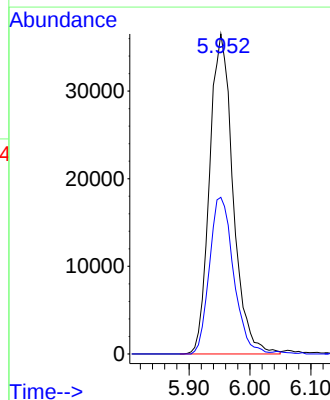
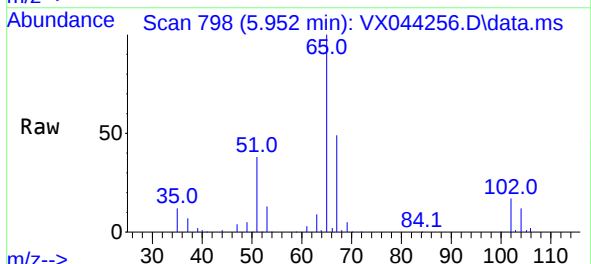


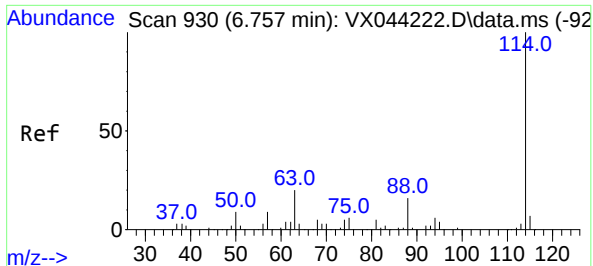
Tgt Ion: 84 Resp: 372
Ion Ratio Lower Upper
84 100
49 82.8 104.2 156.4#
51 48.0 32.2 48.4
86 38.1 50.9 76.3#



#33
1,2-Dichloroethane-d4
Concen: 50.638 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 65 Resp: 97683
Ion Ratio Lower Upper
65 100
67 50.4 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: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20241209

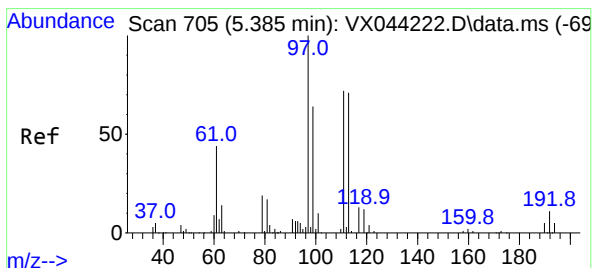
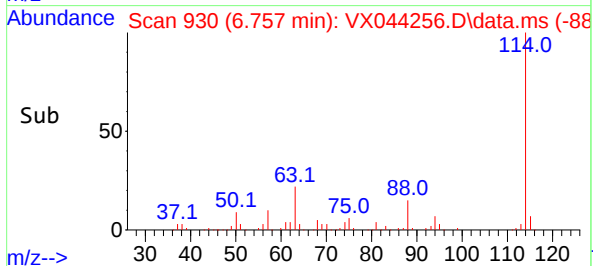
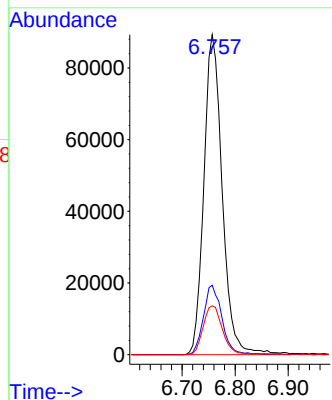
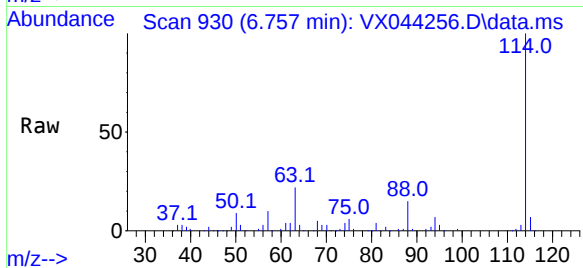
Tgt Ion:114 Resp: 214519

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.6

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.818 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

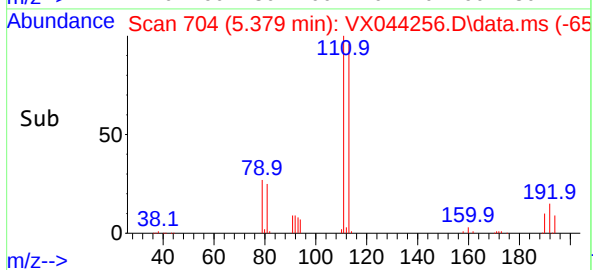
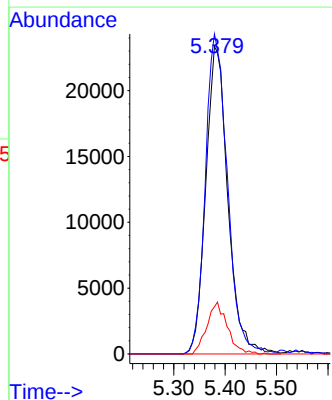
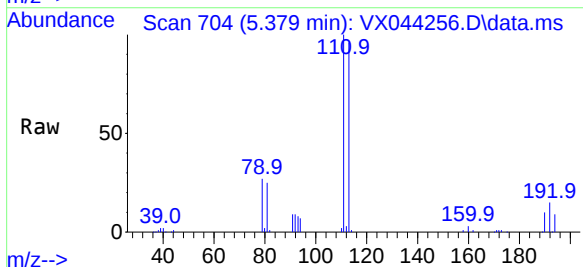
Tgt Ion:113 Resp: 69559

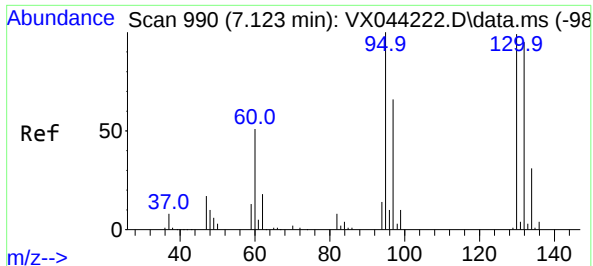
Ion Ratio Lower Upper

113 100

111 103.8 80.4 120.6

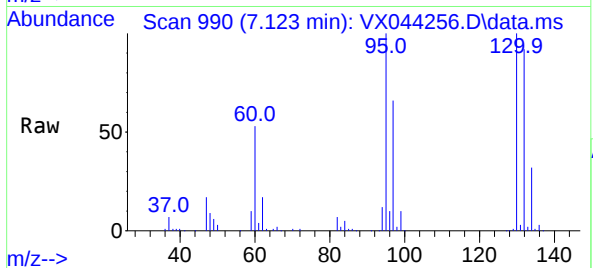
192 15.6 13.3 19.9



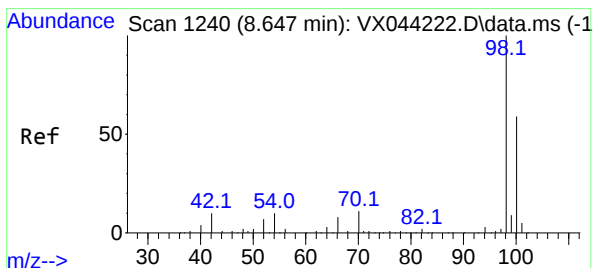
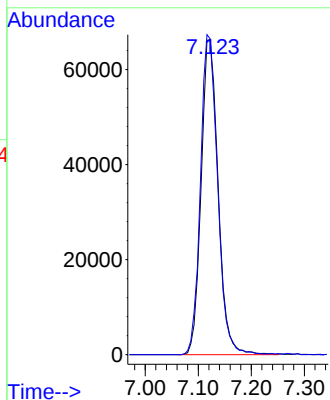
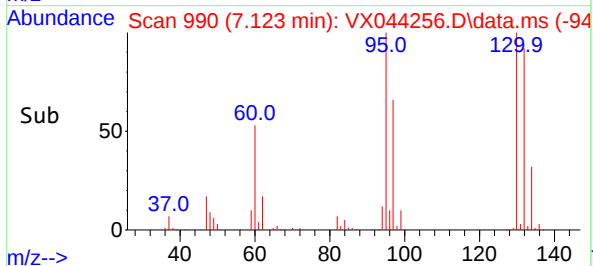


#44
Trichloroethene
Concen: 101.758 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

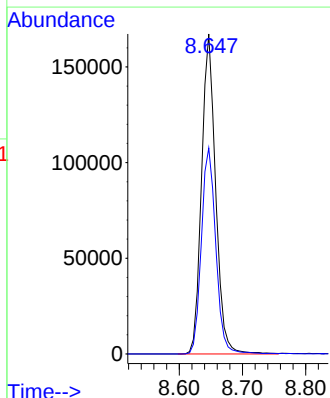
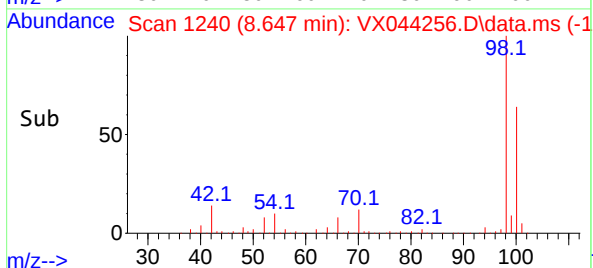
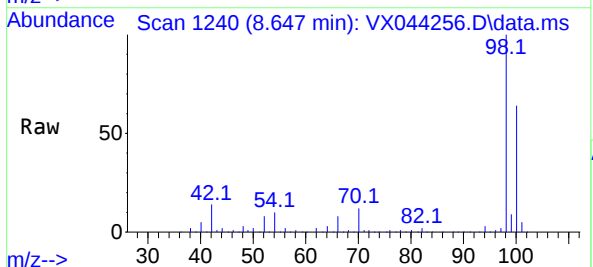


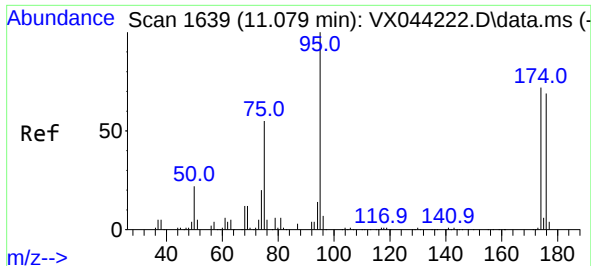
Tgt Ion:130 Resp: 147966
Ion Ratio Lower Upper
130 100
95 100.3 0.0 201.4



#50
Toluene-d8
Concen: 51.741 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 98 Resp: 259352
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3

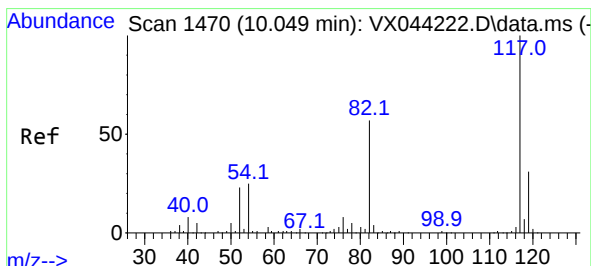
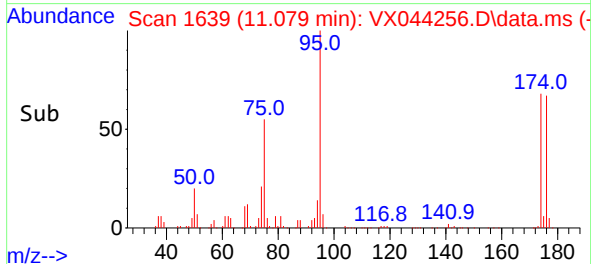
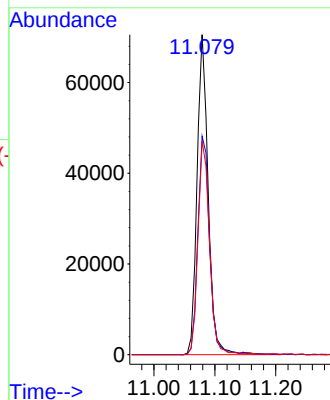
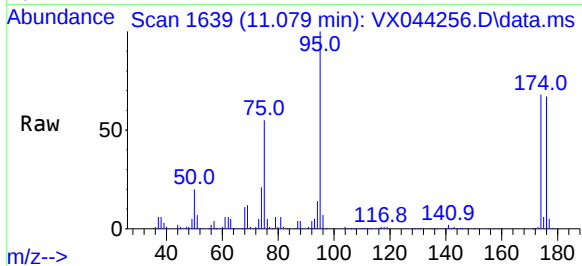




#62
4-Bromofluorobenzene
Concen: 51.054 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

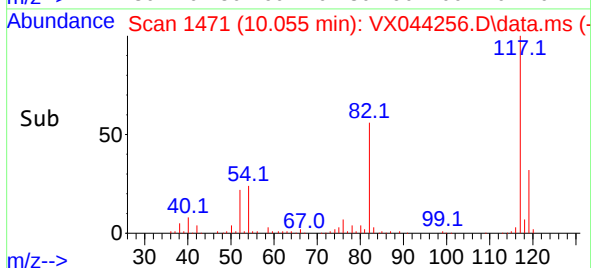
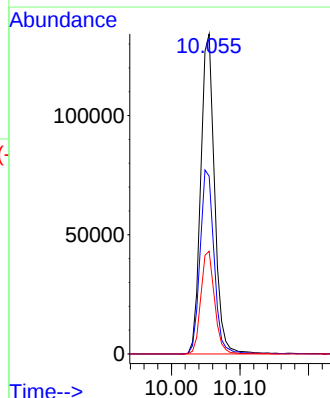
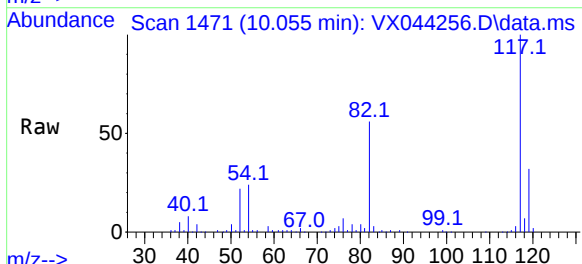
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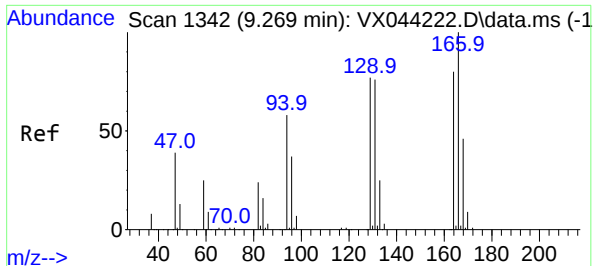
Tgt Ion: 95 Resp: 89420
Ion Ratio Lower Upper
95 100
174 71.5 0.0 145.8
176 68.9 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

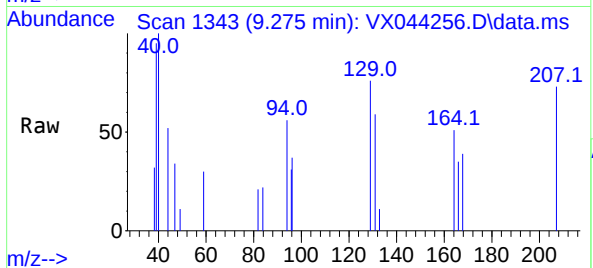
Tgt Ion: 117 Resp: 189334
Ion Ratio Lower Upper
117 100
82 55.6 45.8 68.8
119 32.1 25.0 37.4



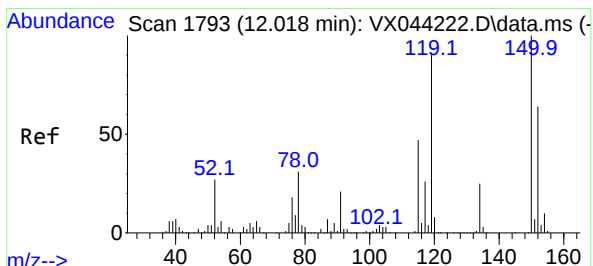
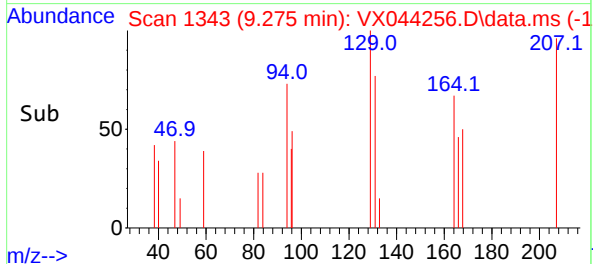
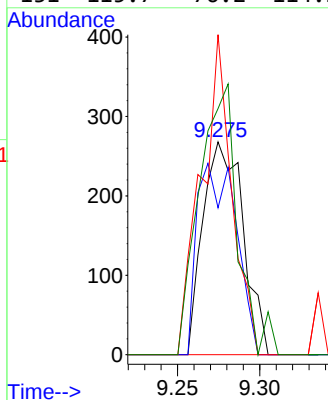


#64
Tetrachloroethene
Concen: 0.363 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209



Tgt Ion:164 Resp: 456
Ion Ratio Lower Upper
164 100
166 69.0 100.4 150.6#
129 150.4 77.2 115.8#
131 115.7 76.2 114.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion:152 Resp: 80057
Ion Ratio Lower Upper
152 100
115 61.8 44.5 133.3
150 157.9 0.0 353.8

