

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044259.D
 Acq On : 12 Dec 2024 17:51
 Operator : JC/MD
 Sample : P5261-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20241210

Quant Time: Dec 13 01:48:45 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)

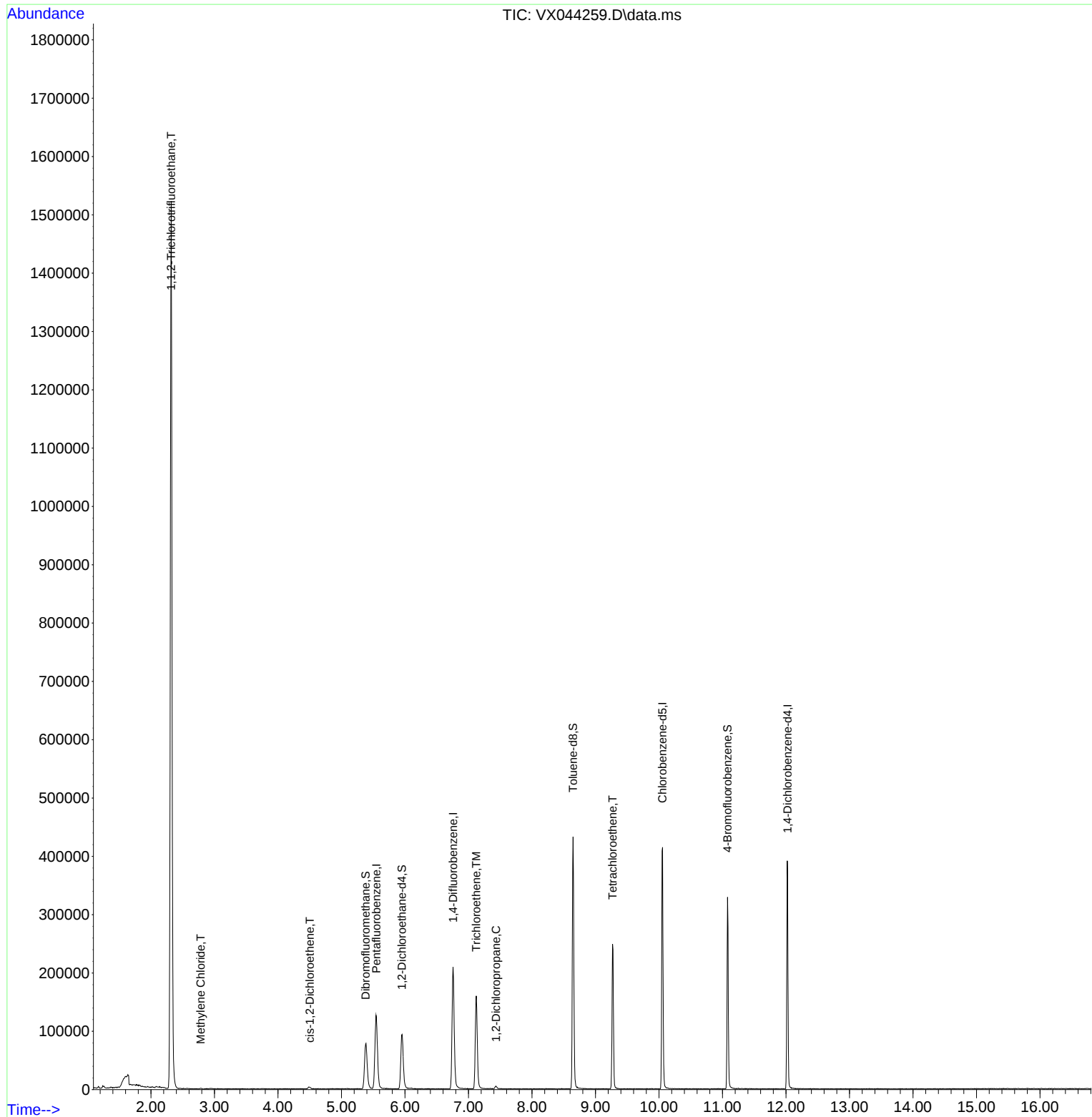
Internal Standards						
1) Pentafluorobenzene	5.550	168	106075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93284	50.157	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.320%		
35) Dibromofluoromethane	5.379	113	68341	47.759	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.520%		
50) Toluene-d8	8.647	98	250932	51.978	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.960%		
62) 4-Bromofluorobenzene	11.079	95	84686	50.202	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.400%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	576201	445.129	ug/l	99
20) Methylene Chloride	2.782	84	358	0.251	ug/l #	76
27) cis-1,2-Dichloroethene	4.501	96	1876	1.169	ug/l	95
44) Trichloroethene	7.123	130	59394	42.409	ug/l	97
45) 1,2-Dichloropropane	7.434	63	1657	1.155	ug/l #	82
64) Tetrachloroethene	9.269	164	42512	34.877	ug/l	96

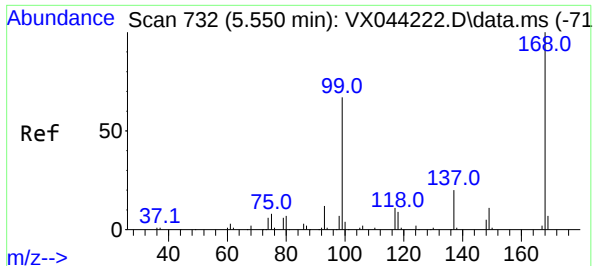
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

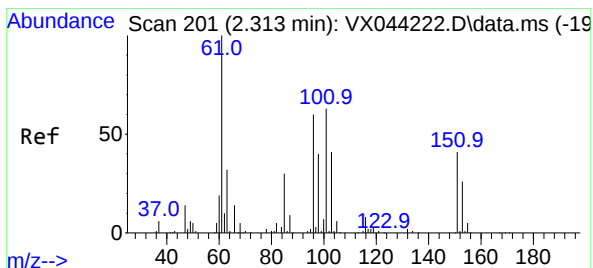
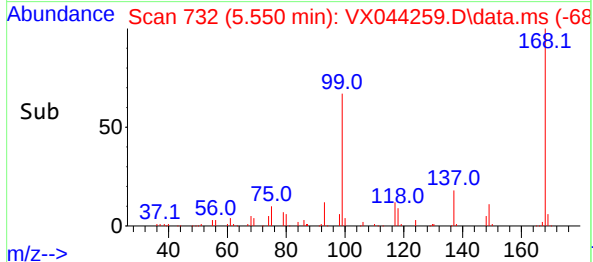
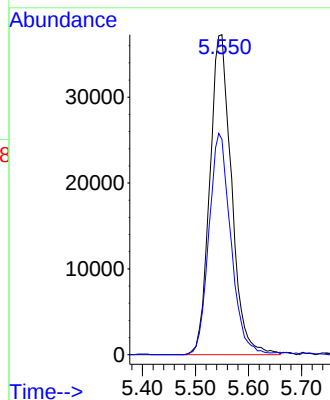
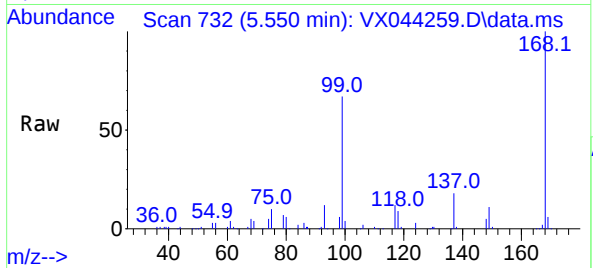




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

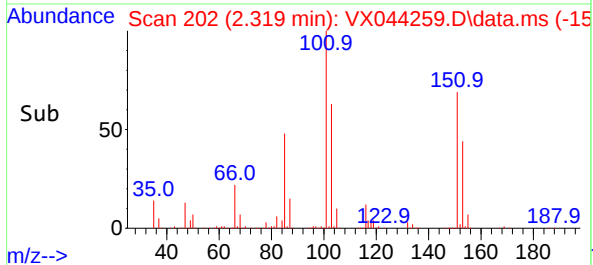
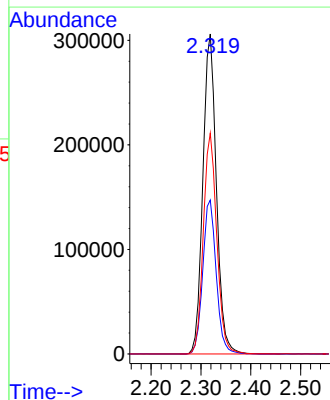
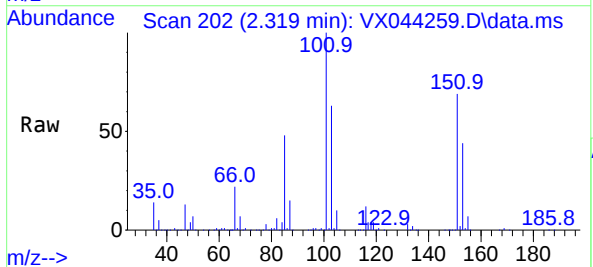
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

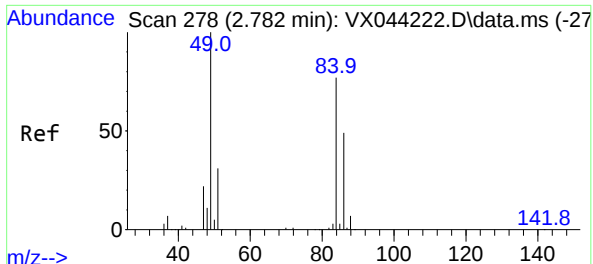
Tgt Ion:168 Resp: 106075
Ion Ratio Lower Upper
168 100
99 67.2 53.4 80.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 445.129 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

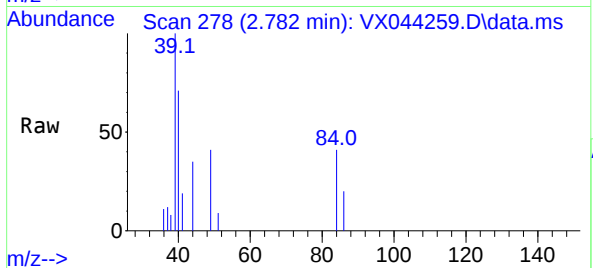
Tgt Ion:101 Resp: 576201
Ion Ratio Lower Upper
101 100
85 47.9 38.5 57.7
151 68.9 55.8 83.6



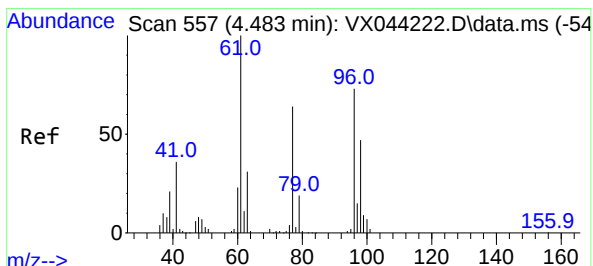
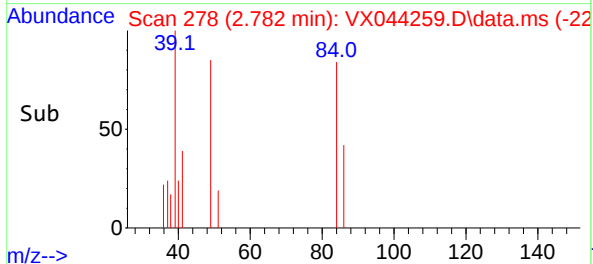
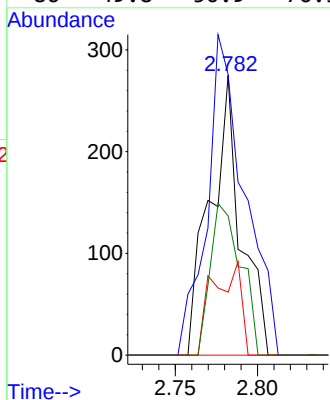


#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

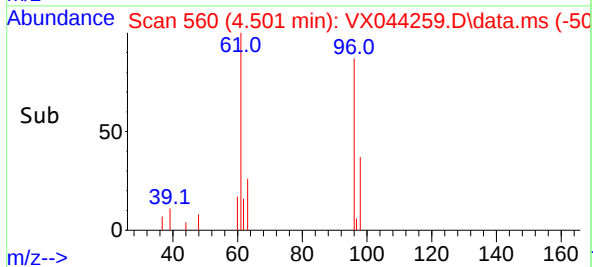
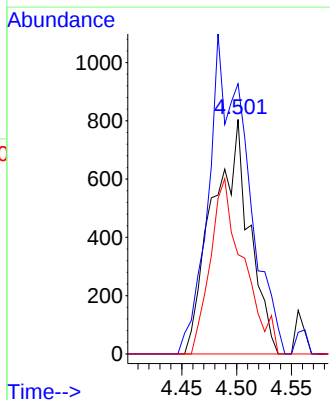
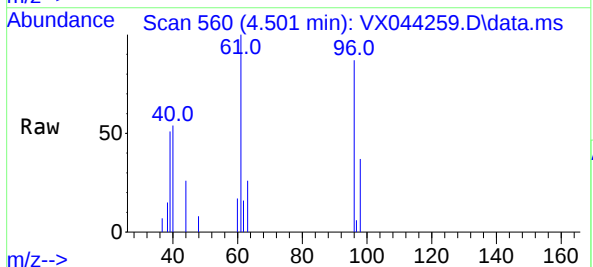


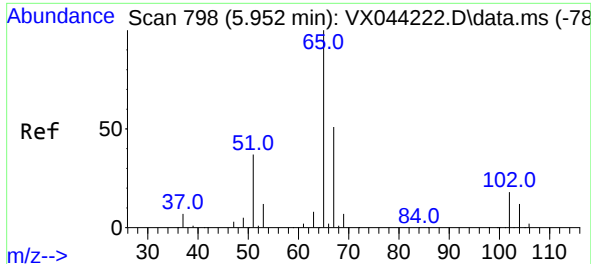
Tgt Ion: 84 Resp: 358
Ion Ratio Lower Upper
84 100
49 100.4 104.2 156.4#
51 22.5 32.2 48.4#
86 49.8 50.9 76.3#



#27
cis-1,2-Dichloroethene
Concen: 1.169 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.018 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 96 Resp: 1876
Ion Ratio Lower Upper
96 100
61 141.7 0.0 299.0
98 67.3 0.0 129.0

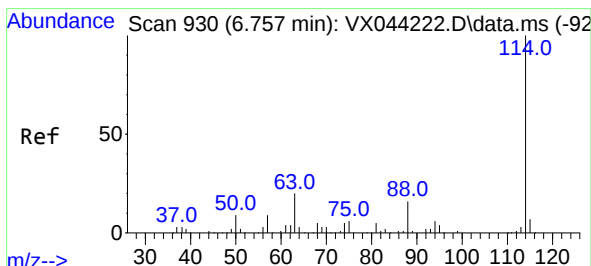
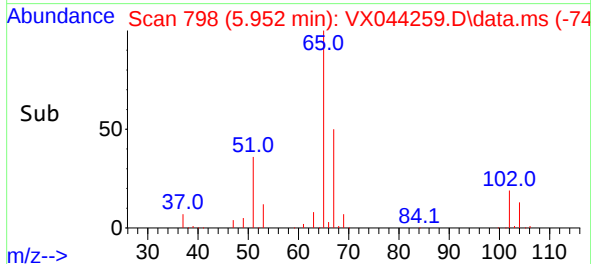
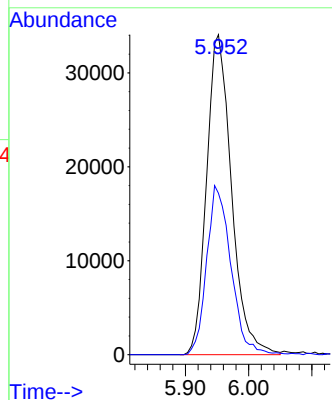
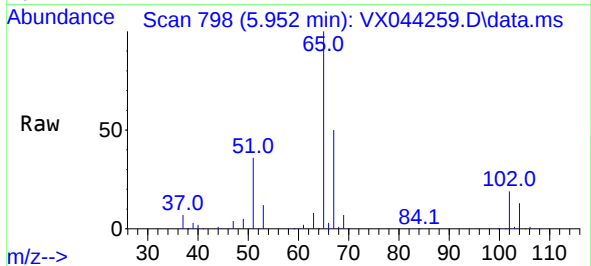




#33
1,2-Dichloroethane-d4
Concen: 50.157 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

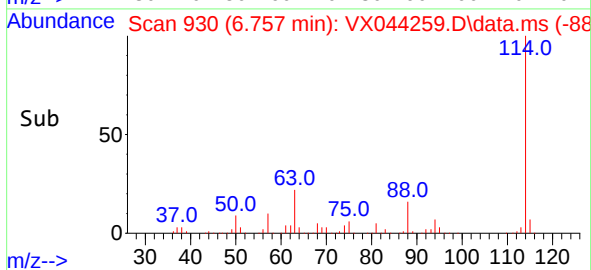
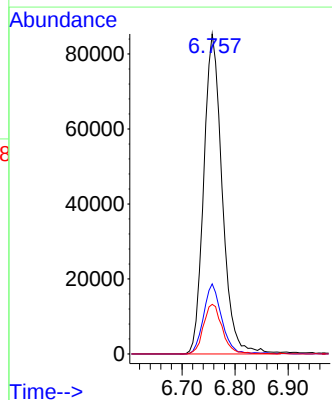
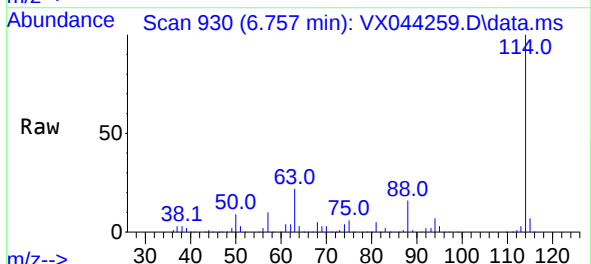
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

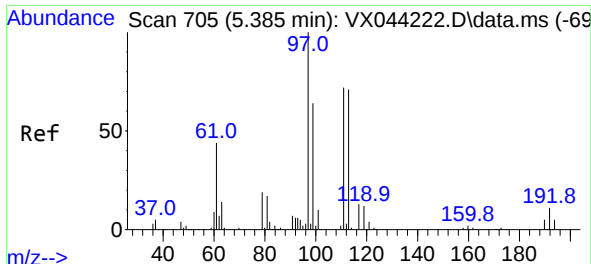
Tgt Ion: 65 Resp: 93284
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 114 Resp: 206611
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.6
88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.759 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX044259.D

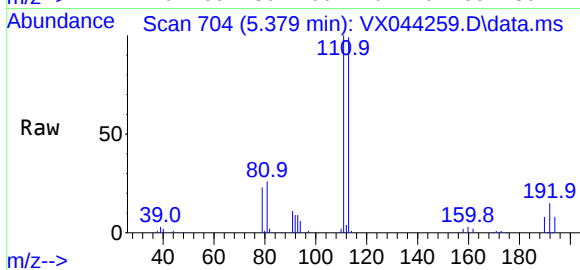
Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20241210



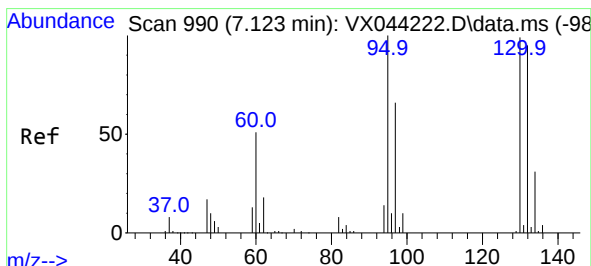
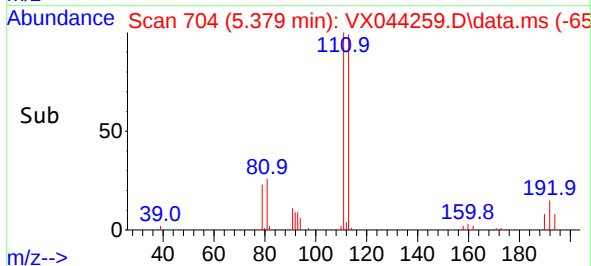
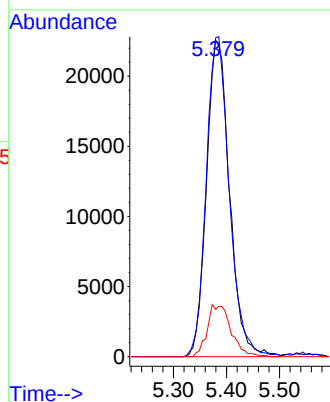
Tgt Ion:113 Resp: 68341

Ion Ratio Lower Upper

113 100

111 100.7 80.4 120.6

192 16.8 13.3 19.9



#44

Trichloroethene

Concen: 42.409 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX044259.D

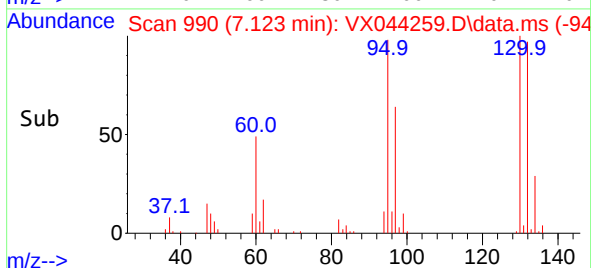
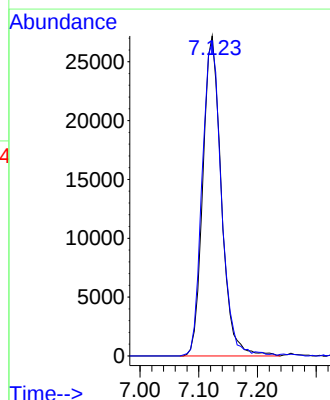
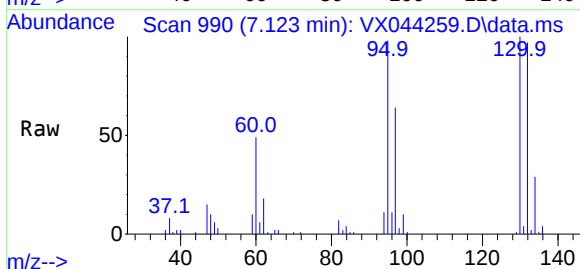
Acq: 12 Dec 2024 17:51

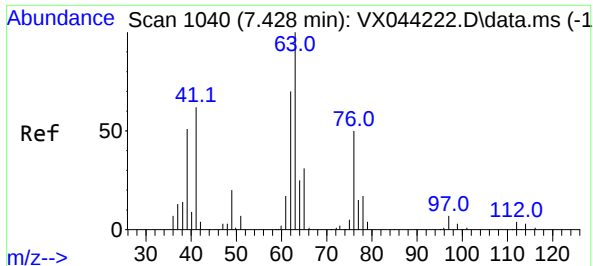
Tgt Ion:130 Resp: 59394

Ion Ratio Lower Upper

130 100

95 97.8 0.0 201.4





#45

1,2-Dichloropropane

Concen: 1.155 ug/l

RT: 7.434 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

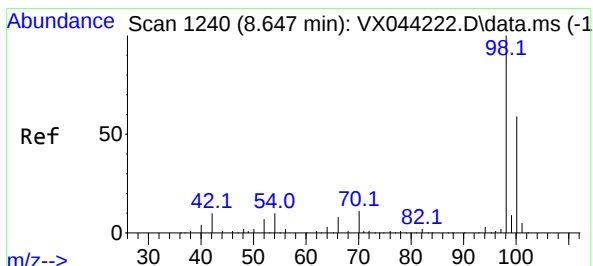
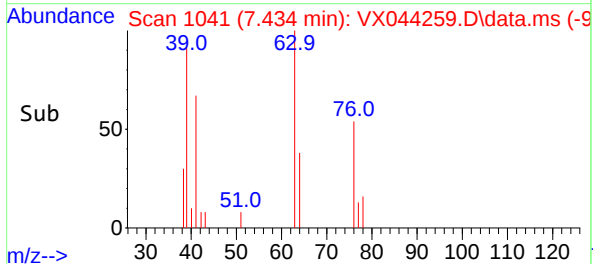
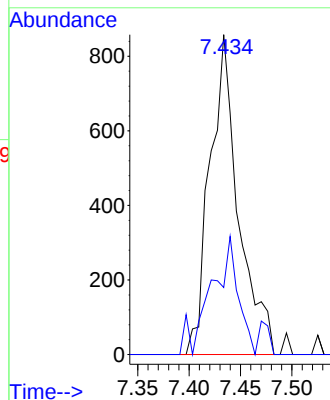
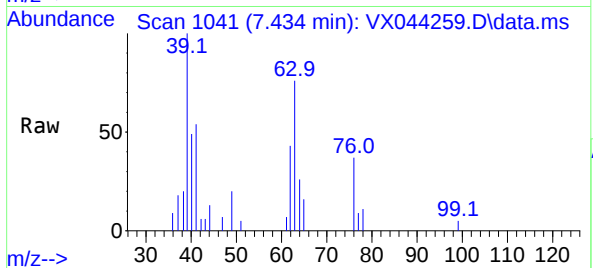
RE134D4-20241210

Tgt Ion: 63 Resp: 1657

Ion Ratio Lower Upper

63 100

65 21.0 24.6 37.0#



#50

Toluene-d8

Concen: 51.978 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044259.D

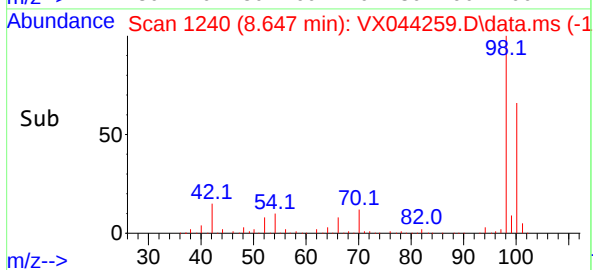
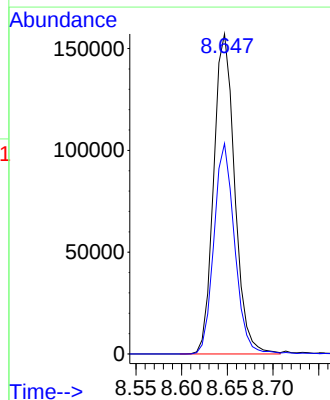
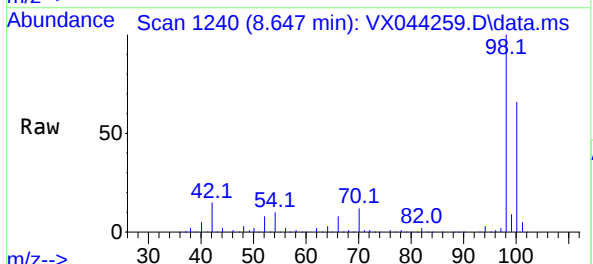
Acq: 12 Dec 2024 17:51

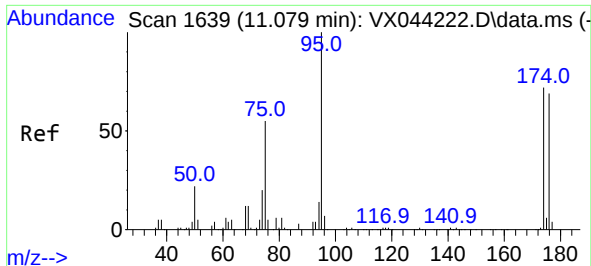
Tgt Ion: 98 Resp: 250932

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3

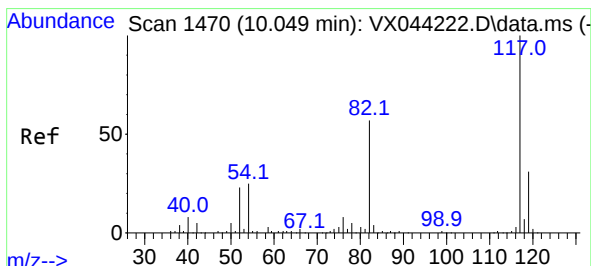
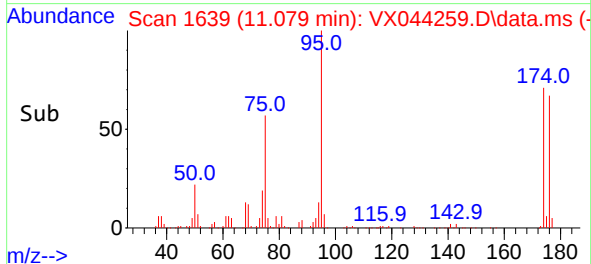
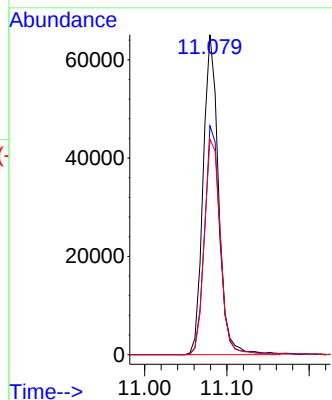
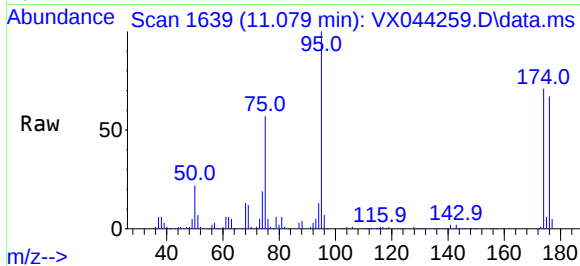




#62
4-Bromofluorobenzene
Concen: 50.202 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

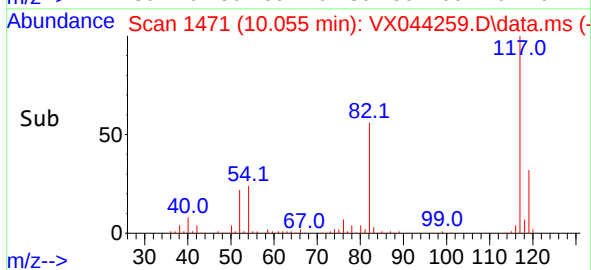
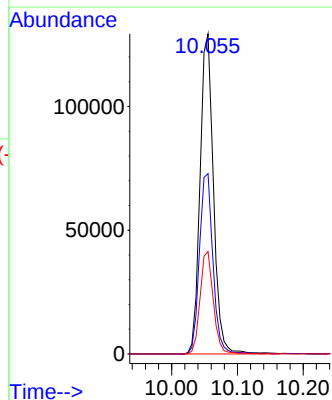
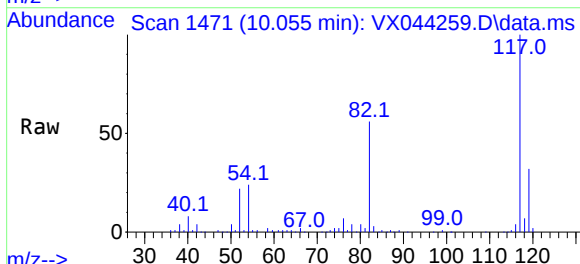
Instrument :
MSVOA_X
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RE134D4-20241210

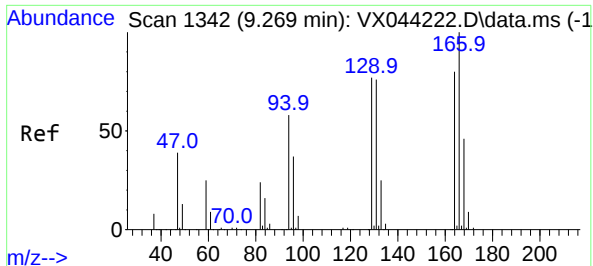
Tgt Ion: 95 Resp: 84686
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.8
176 70.9 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 117 Resp: 183647
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.8
119 32.0 25.0 37.4



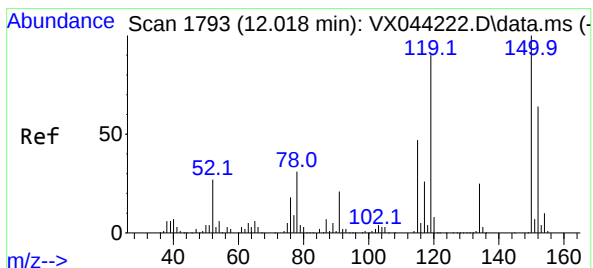
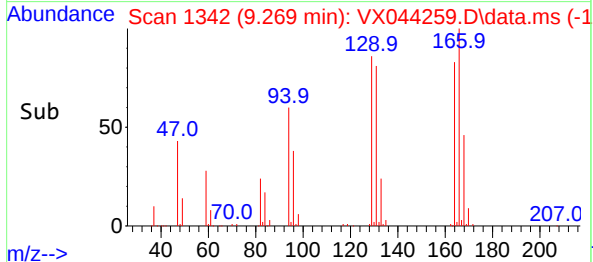
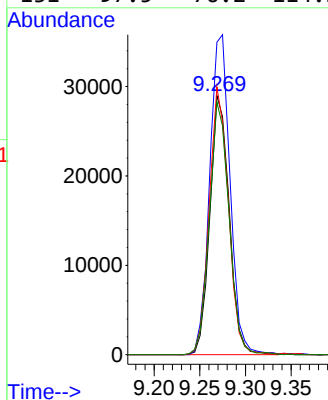
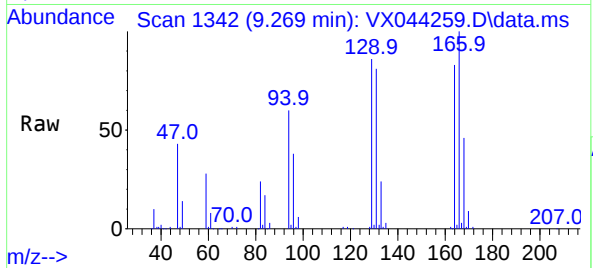


#64
Tetrachloroethene
Concen: 34.877 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

Tgt Ion:164 Resp: 42512

Ion	Ratio	Lower	Upper
164	100		
166	120.6	100.4	150.6
129	103.3	77.2	115.8
131	97.5	76.2	114.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion:152 Resp: 77129

Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.5	133.3
150	152.0	0.0	353.8

