

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044388.D
 Acq On : 18 Dec 2024 17:08
 Operator : JC/MD
 Sample : P5281-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20241212

Quant Time: Dec 19 00:49:39 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)

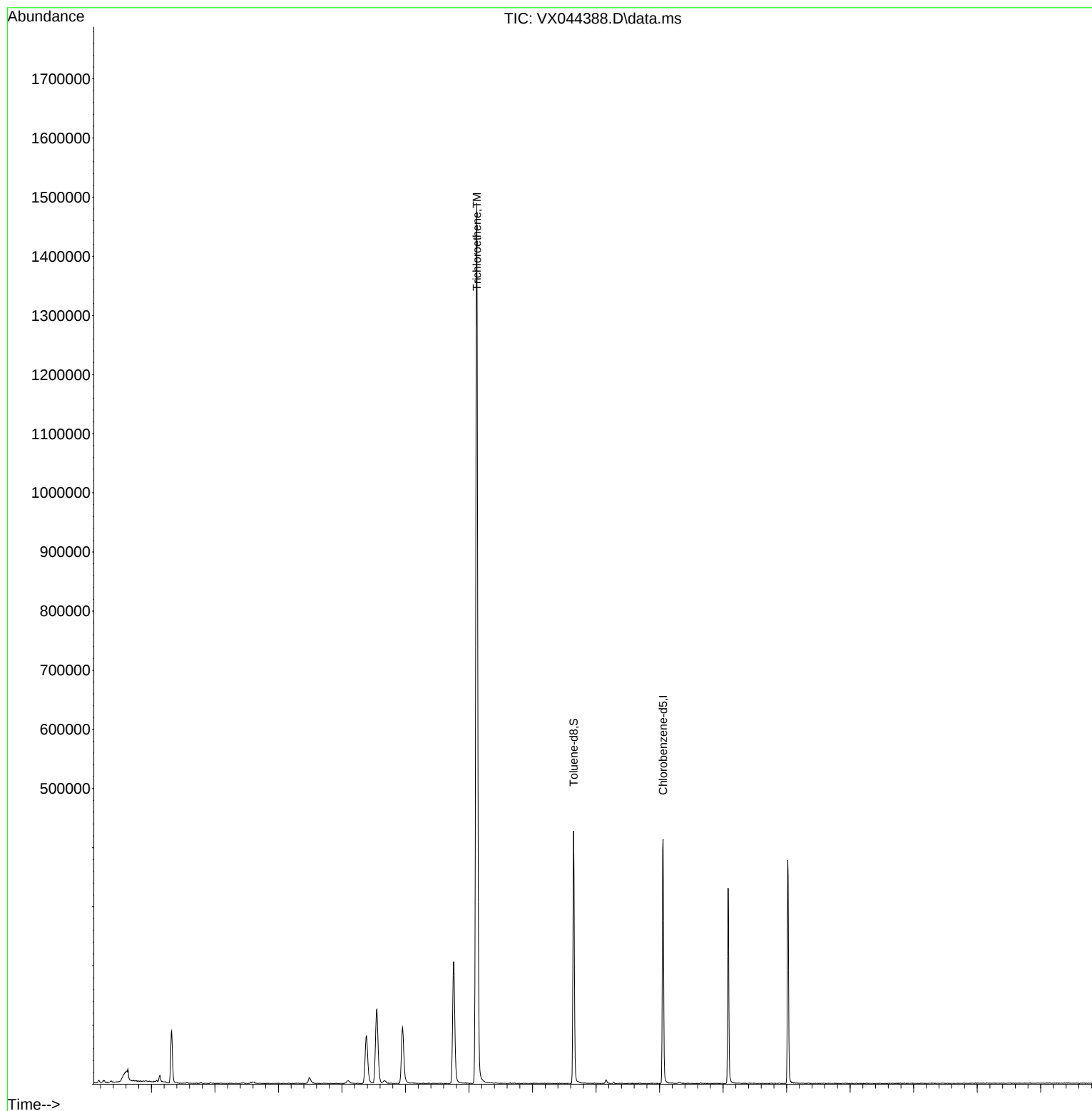
Internal Standards						
1) Pentafluorobenzene	5.544	168	115604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91590	45.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.380%		
35) Dibromofluoromethane	5.379	113	69318	47.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	8.647	98	250157	51.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.320%		
62) 4-Bromofluorobenzene	11.079	95	83299	48.752	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1801	1.008	ug/l	86
3) Chloromethane	1.301	50	424	0.248	ug/l #	71
9) 1,1,2-Trichlorotrifluo...	2.319	101	30675	21.744	ug/l	98
12) 1,1-Dichloroethene	2.306	96	4525	3.492	ug/l	97
16) Acetone	2.380	43	970	1.174	ug/l #	70
20) Methylene Chloride	2.782	84	447	0.288	ug/l #	78
24) 1,1-Dichloroethane	3.599	63	2633	0.972	ug/l #	92
27) cis-1,2-Dichloroethene	4.483	96	6250	3.573	ug/l	87
30) Chloroform	5.093	83	5719	1.879	ug/l	89
38) Carbon Tetrachloride	5.672	117	3650	1.810	ug/l #	84
44) Trichloroethene	7.123	130	554580	390.956	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	2042	1.439	ug/l #	79
68) m/p-Xylenes	10.311	106	846	0.341	ug/l	80

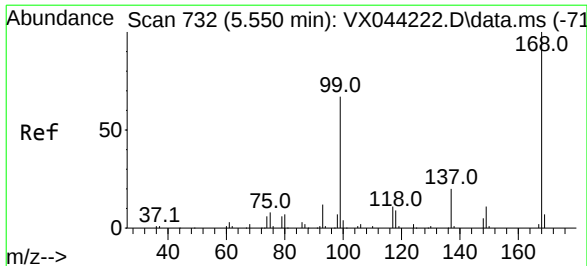
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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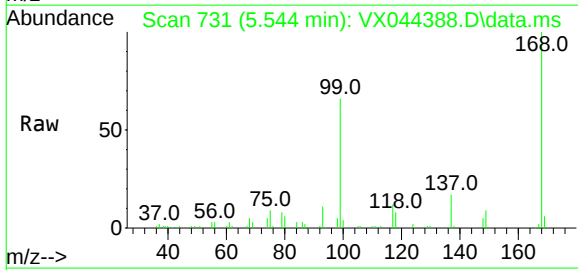
Quant Time: Dec 19 00:49:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



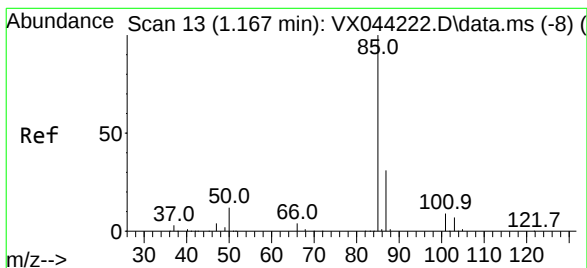
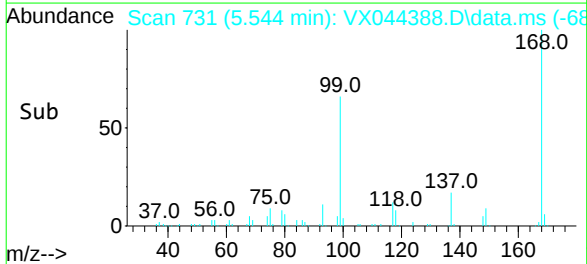
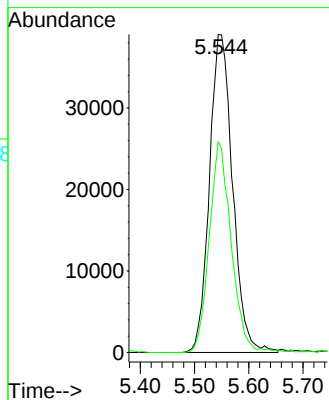


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20241212

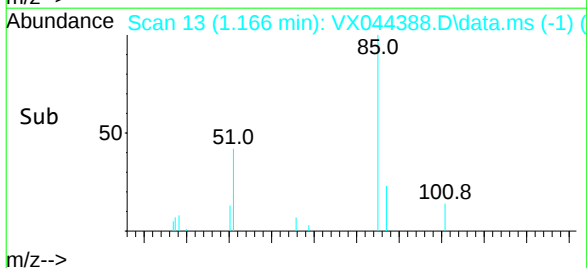
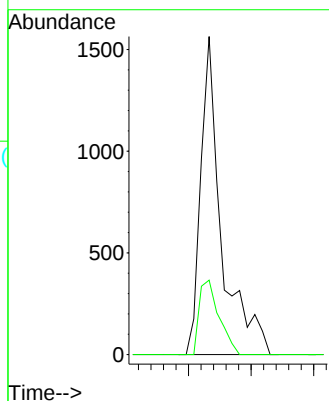
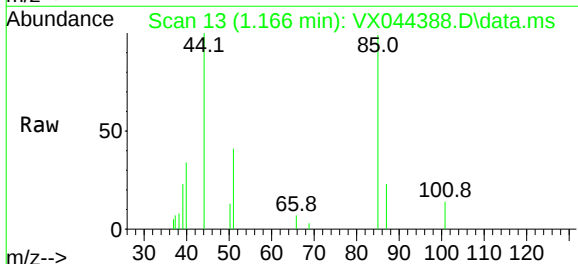


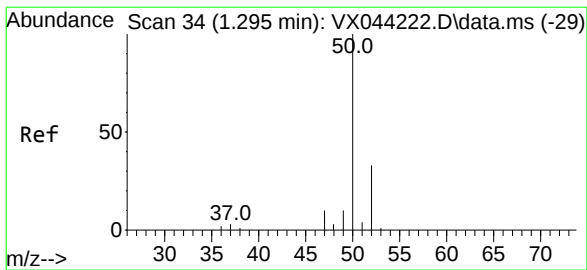
Tgt Ion:168 Resp: 115604
Ion Ratio Lower Upper
168 100
99 66.2 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 1.008 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

Tgt Ion: 85 Resp: 1801
Ion Ratio Lower Upper
85 100
87 23.4 15.4 46.4





#3

Chloromethane

Concen: 0.248 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX044388.D

Acq: 18 Dec 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

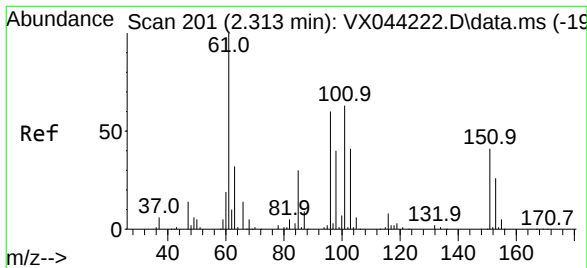
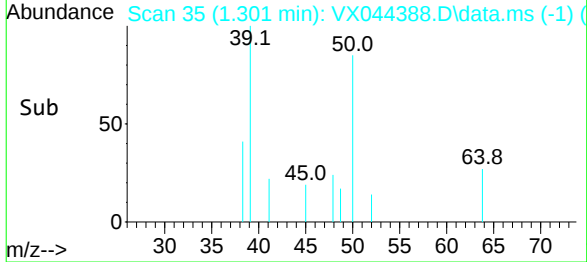
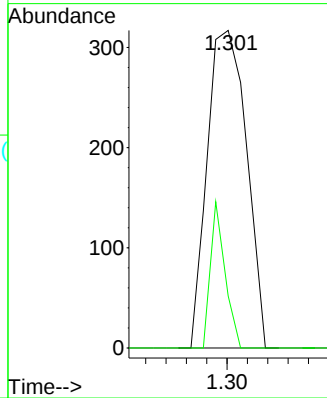
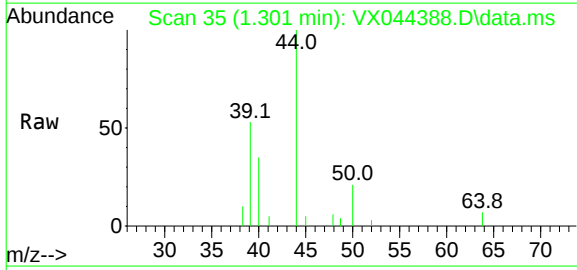
RE114D1-20241212

Tgt Ion: 50 Resp: 424

Ion Ratio Lower Upper

50 100

52 16.4 26.5 39.7#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.744 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX044388.D

Acq: 18 Dec 2024 17:08

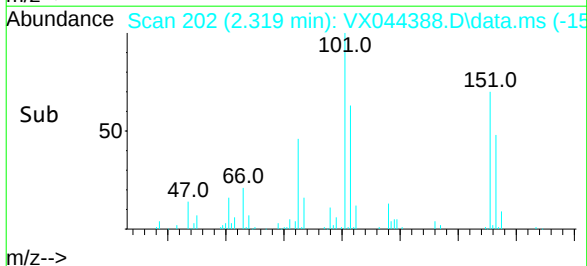
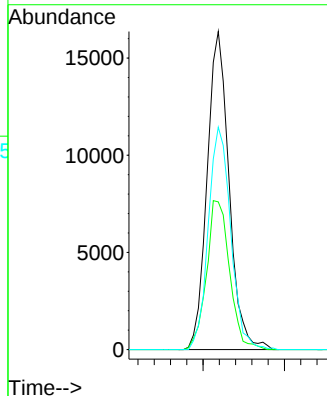
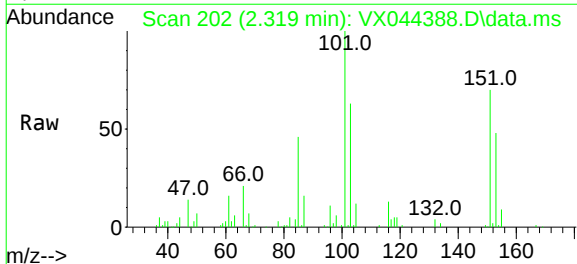
Tgt Ion: 101 Resp: 30675

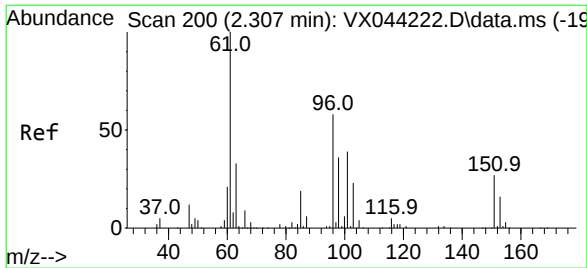
Ion Ratio Lower Upper

101 100

85 49.3 38.5 57.7

151 71.6 55.8 83.6

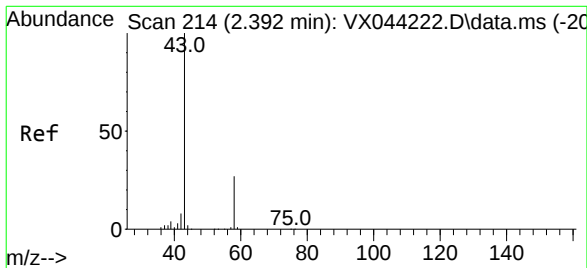
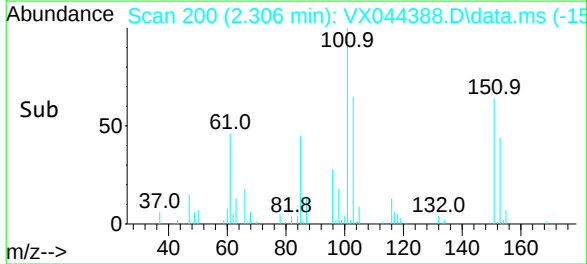
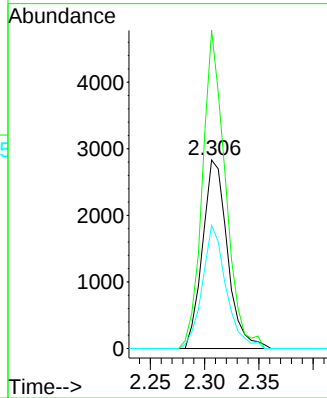
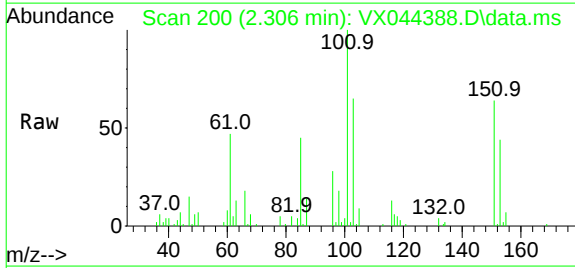




#12
1,1-Dichloroethene
Concen: 3.492 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

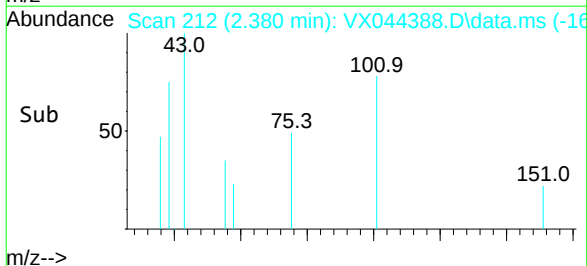
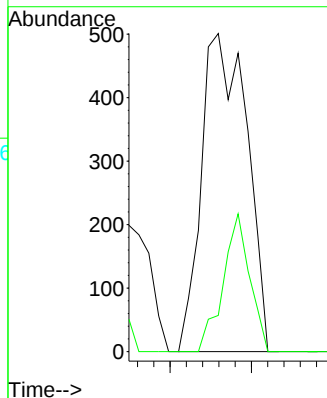
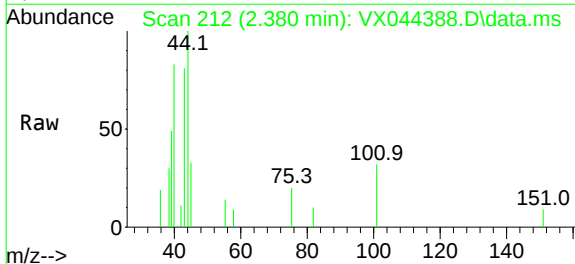
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20241212

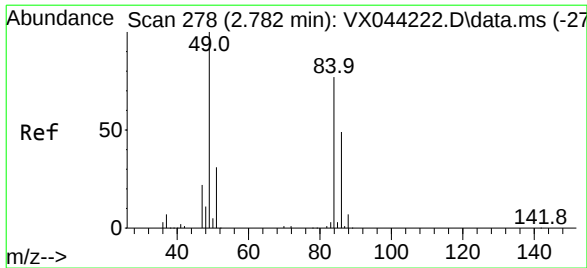
Tgt Ion: 96 Resp: 4525
Ion Ratio Lower Upper
96 100
61 168.7 138.0 207.0
98 65.4 50.0 75.0



#16
Acetone
Concen: 1.174 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 11.4 21.6 32.4#





#20

Methylene Chloride

Concen: 0.288 ug/l

RT: 2.782 min Scan# 27

Delta R.T. -0.000 min

Lab File: VX044388.D

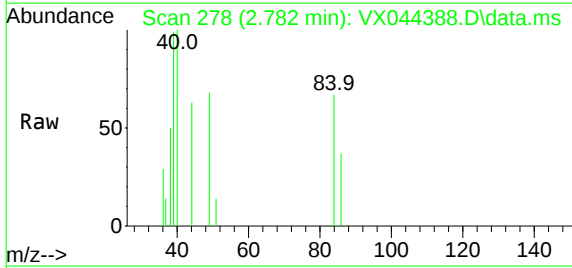
Acq: 18 Dec 2024 17:08

Instrument :

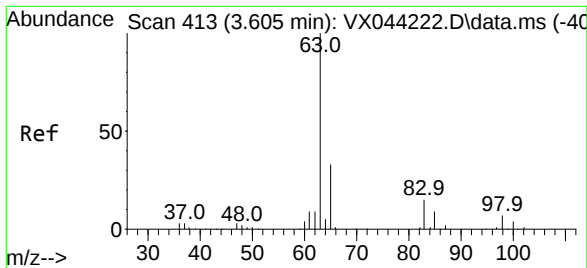
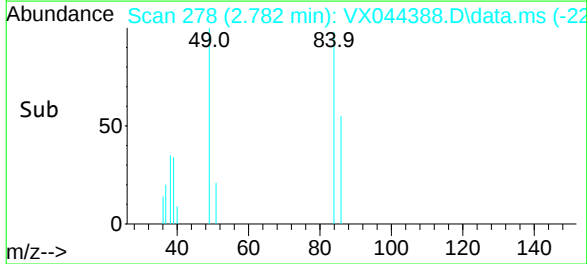
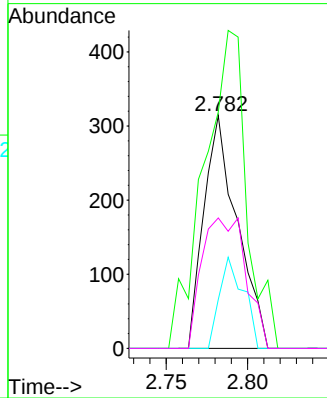
MSVOA_X

ClientSampleId :

RE114D1-20241212



Tgt Ion:	84	Resp:	447
Ion	Ratio	Lower	Upper
84	100		
49	101.6	104.2	156.4#
51	21.0	32.2	48.4#
86	56.1	50.9	76.3



#24

1,1-Dichloroethane

Concen: 0.972 ug/l

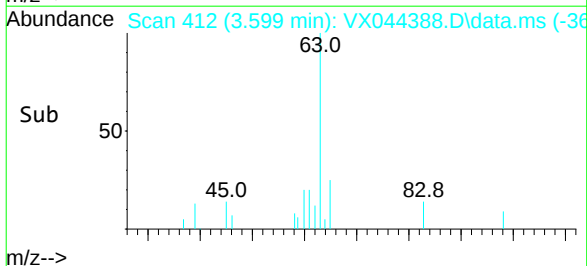
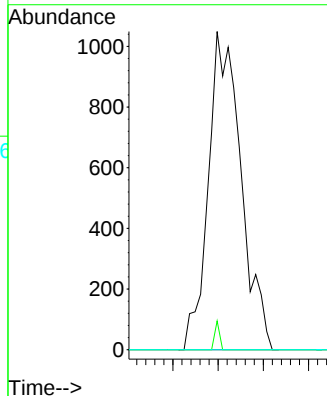
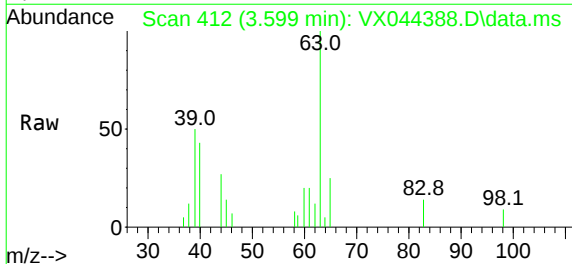
RT: 3.599 min Scan# 412

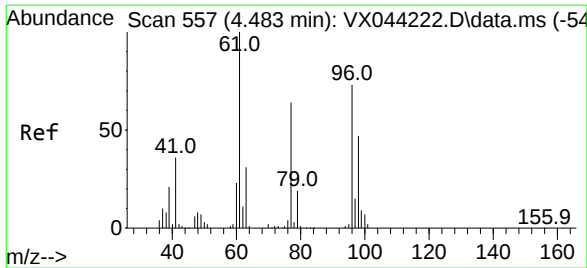
Delta R.T. -0.006 min

Lab File: VX044388.D

Acq: 18 Dec 2024 17:08

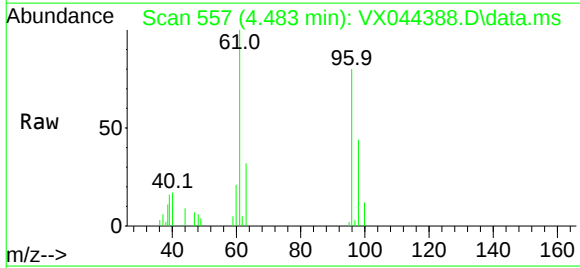
Tgt Ion:	63	Resp:	2633
Ion	Ratio	Lower	Upper
63	100		
98	9.1	3.6	10.8
100	0.0	2.1	6.3#



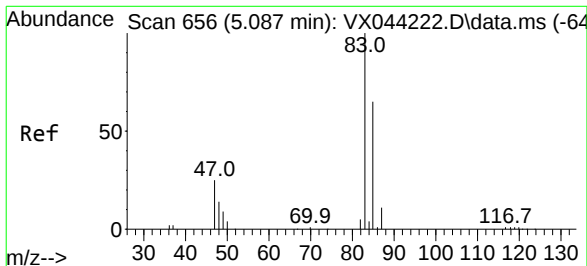
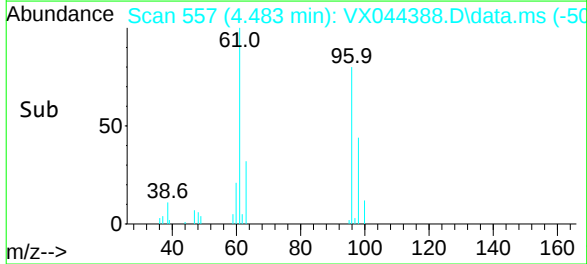
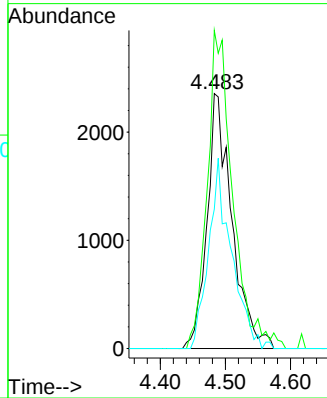


#27
cis-1,2-Dichloroethene
Concen: 3.573 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20241212

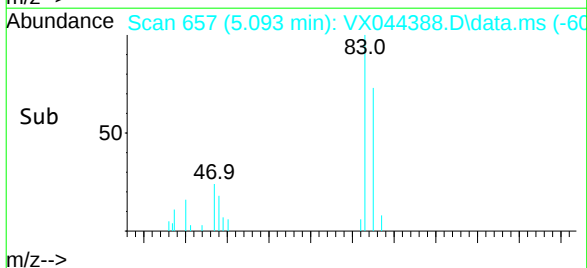
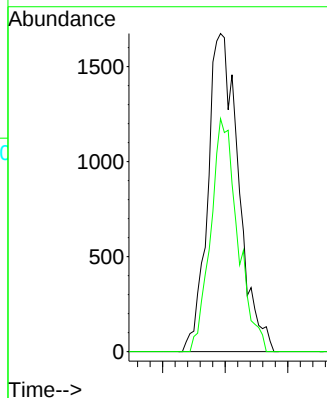
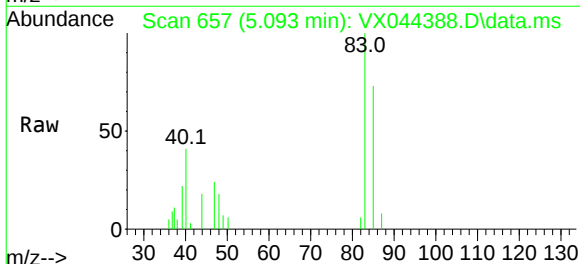


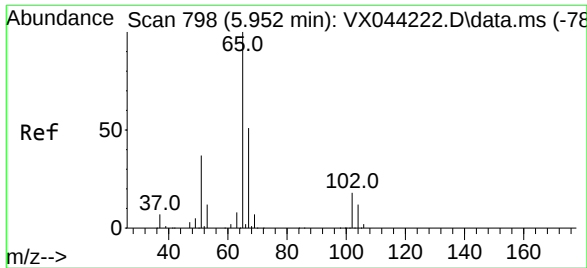
Tgt Ion: 96 Resp: 6250
Ion Ratio Lower Upper
96 100
61 128.1 0.0 299.0
98 68.4 0.0 129.0



#30
Chloroform
Concen: 1.879 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

Tgt Ion: 83 Resp: 5719
Ion Ratio Lower Upper
83 100
85 73.2 51.6 77.4

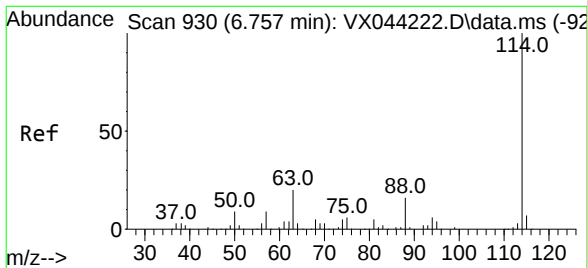
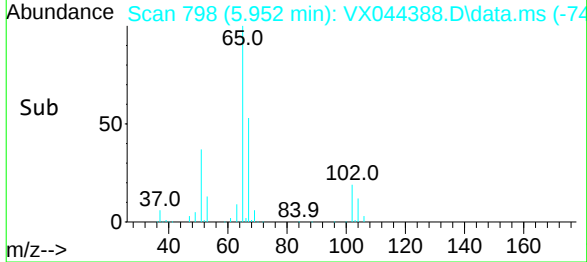
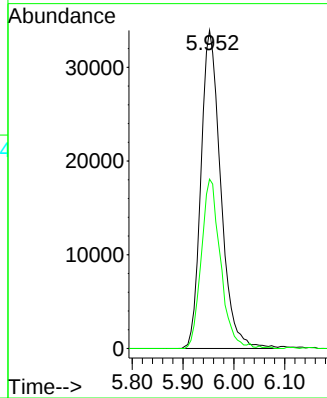
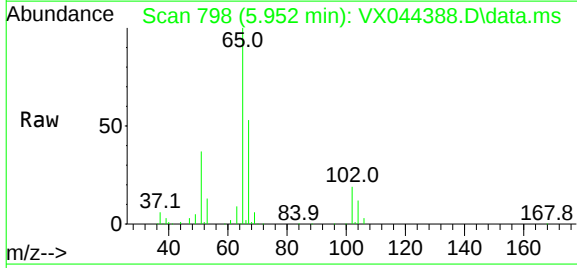




#33
1,2-Dichloroethane-d4
Concen: 45.187 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

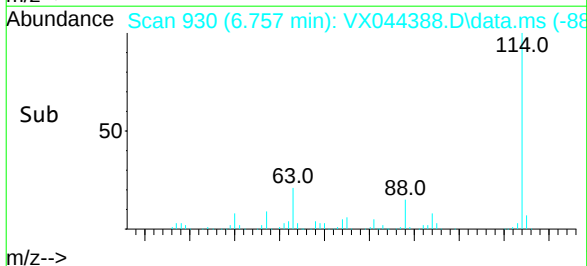
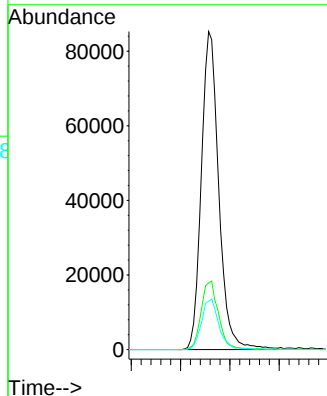
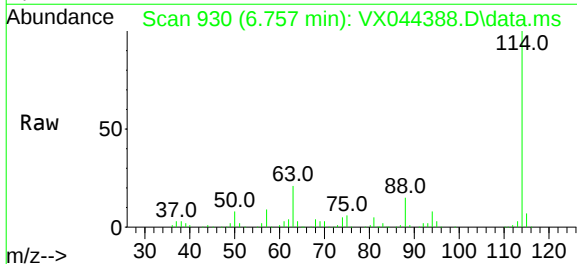
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20241212

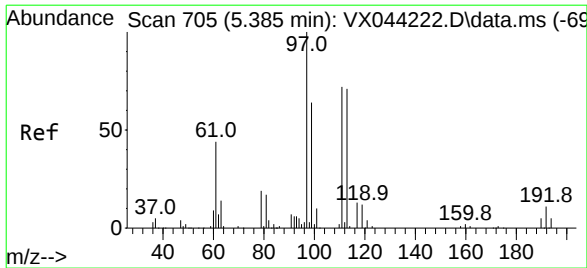
Tgt Ion: 65 Resp: 91590
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

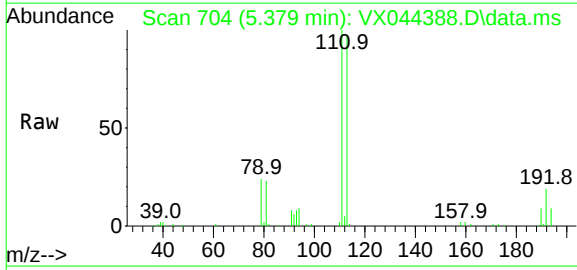
Tgt Ion: 114 Resp: 209270
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.6
88 15.2 0.0 31.8



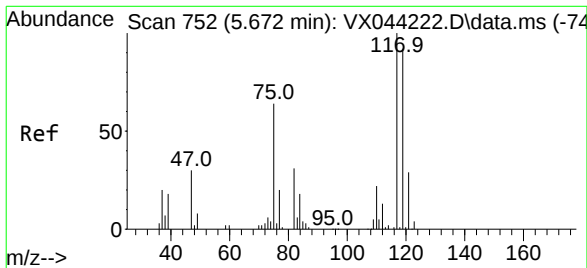
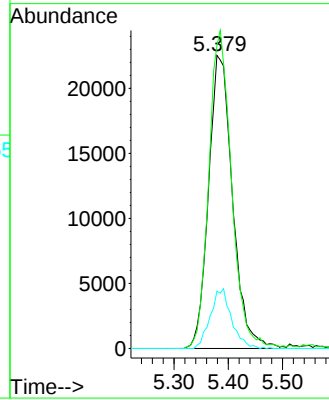
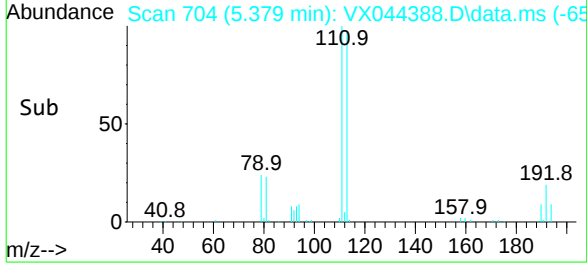


#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20241212

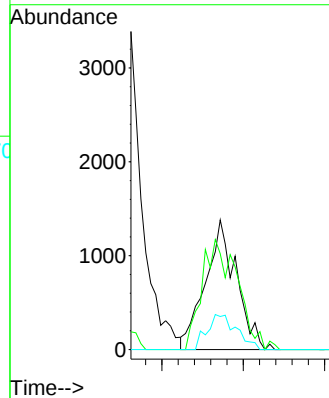
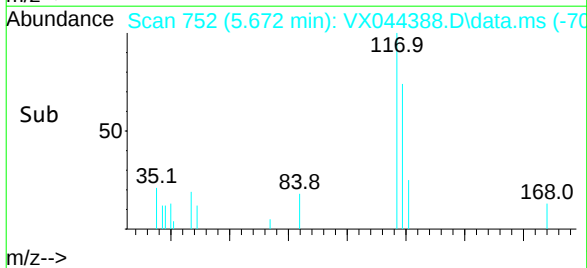
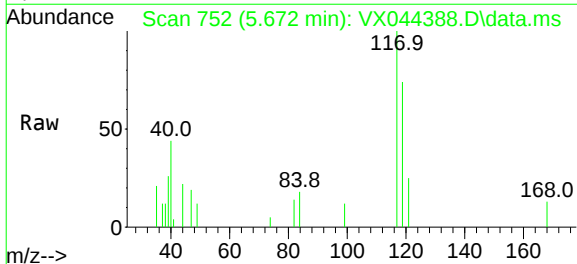


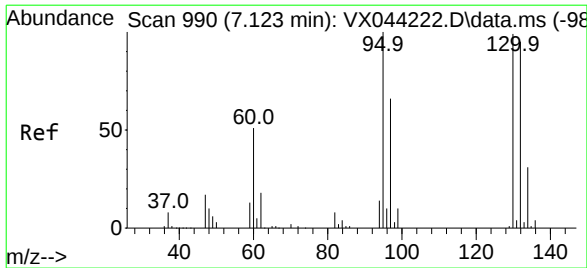
Tgt Ion:113 Resp: 69318
Ion Ratio Lower Upper
113 100
111 102.8 80.4 120.6
192 18.0 13.3 19.9



#38
Carbon Tetrachloride
Concen: 1.810 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

Tgt Ion:117 Resp: 3650
Ion Ratio Lower Upper
117 100
119 73.9 74.2 111.4#
121 25.5 23.0 34.6





#44

Trichloroethene

Concen: 390.956 ug/l

RT: 7.123 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX044388.D

Acq: 18 Dec 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

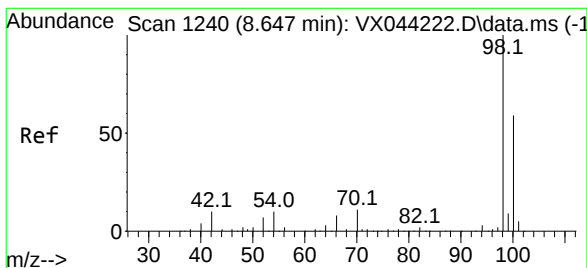
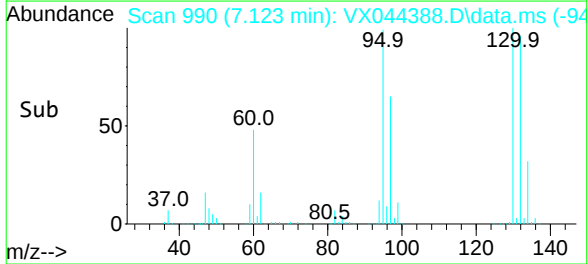
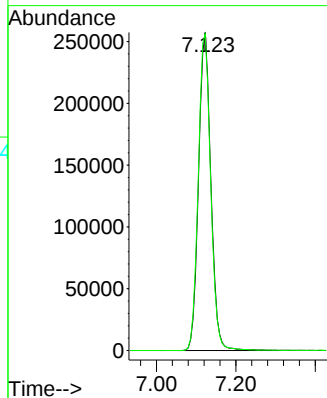
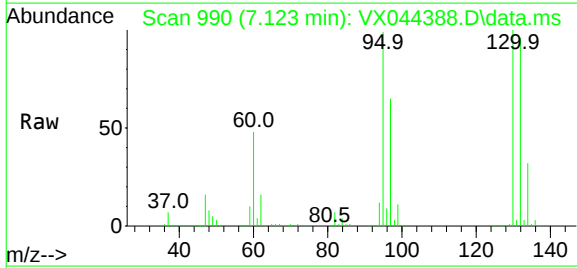
RE114D1-20241212

Tgt Ion:130 Resp: 554580

Ion Ratio Lower Upper

130 100

95 99.5 0.0 201.4



#50

Toluene-d8

Concen: 51.159 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044388.D

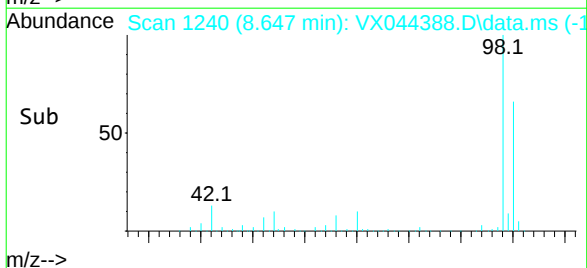
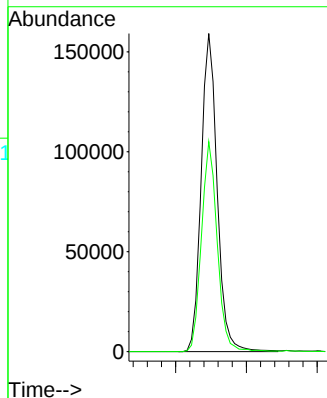
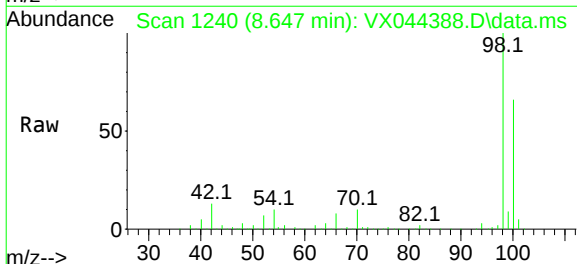
Acq: 18 Dec 2024 17:08

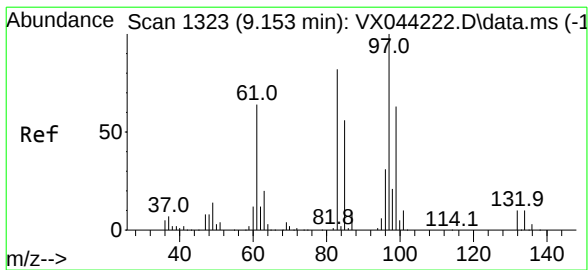
Tgt Ion: 98 Resp: 250157

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3

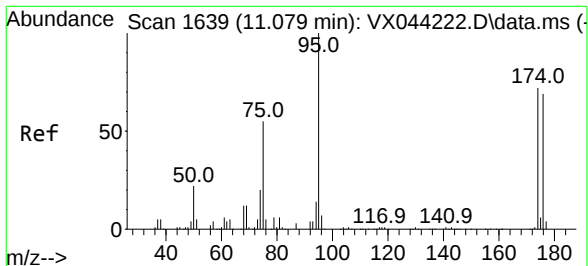
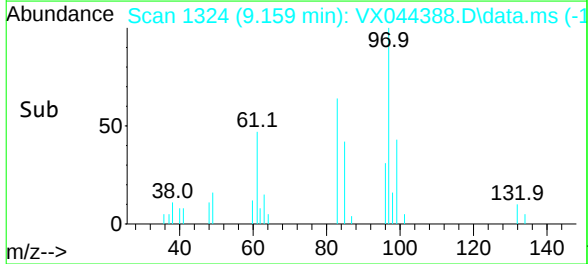
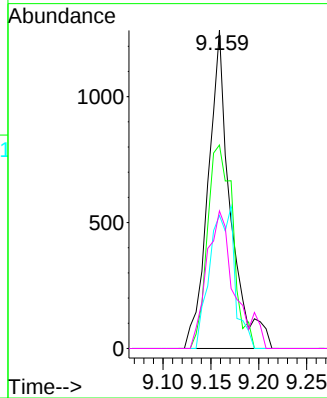
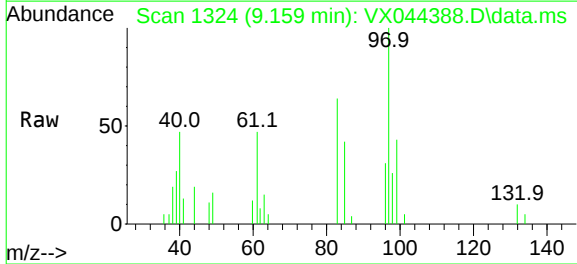




#55
1,1,2-Trichloroethane
Concen: 1.439 ug/l
RT: 9.159 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

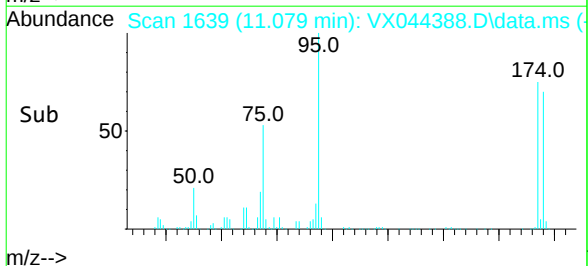
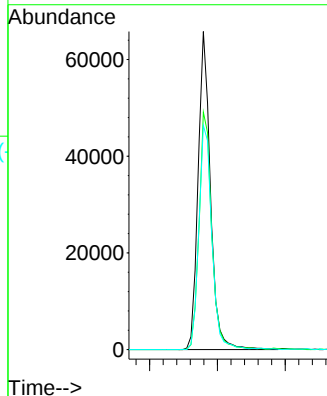
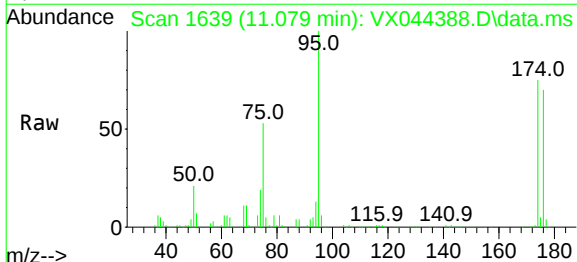
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20241212

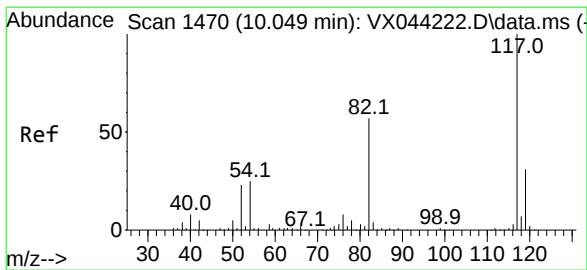
Tgt Ion:	97	Resp:	2042
Ion	Ratio	Lower	Upper
97	100		
83	64.0	65.3	97.9#
85	41.8	44.6	67.0#
99	43.2	50.2	75.2#



#62
4-Bromofluorobenzene
Concen: 48.752 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044388.D
Acq: 18 Dec 2024 17:08

Tgt Ion:	95	Resp:	83299
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	145.8
176	74.0	0.0	137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044388.D

Acq: 18 Dec 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20241212

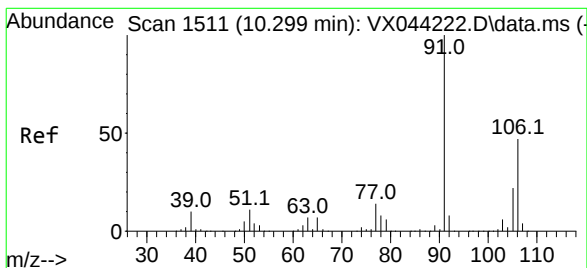
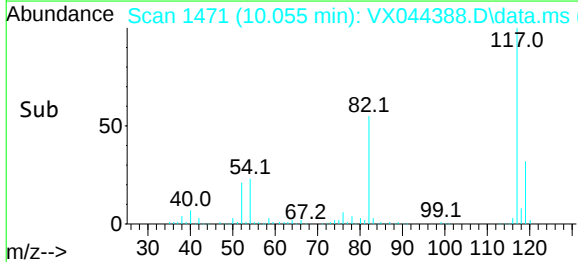
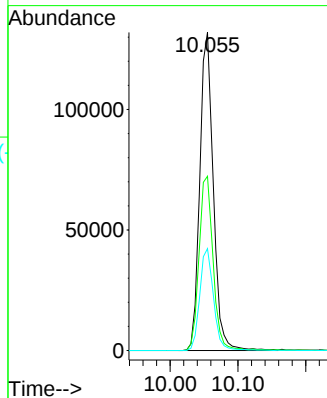
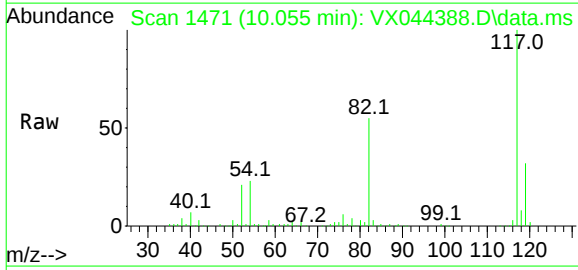
Tgt Ion:117 Resp: 182535

Ion Ratio Lower Upper

117 100

82 54.8 45.8 68.8

119 32.0 25.0 37.4



#68

m/p-Xylenes

Concen: 0.341 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX044388.D

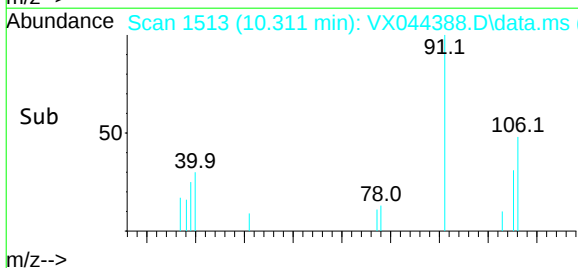
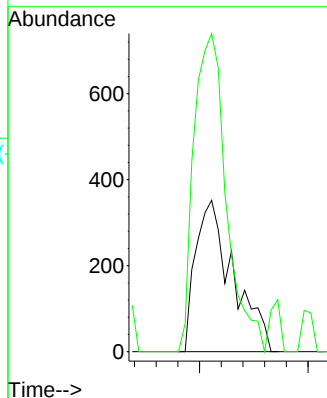
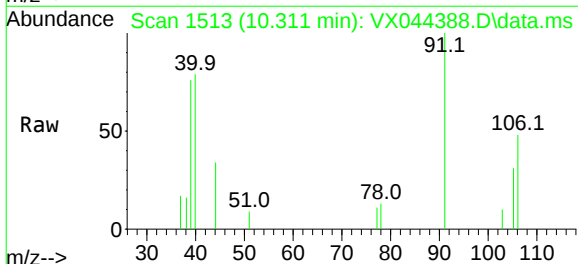
Acq: 18 Dec 2024 17:08

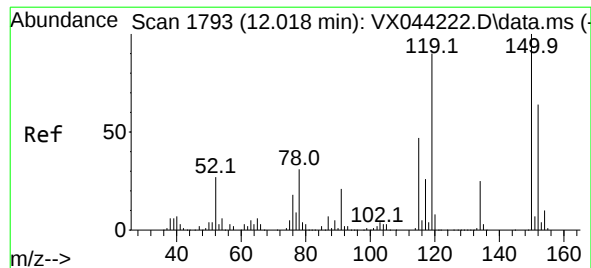
Tgt Ion:106 Resp: 846

Ion Ratio Lower Upper

106 100

91 181.8 170.2 255.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. 0.006 min

Lab File: VX044388.D

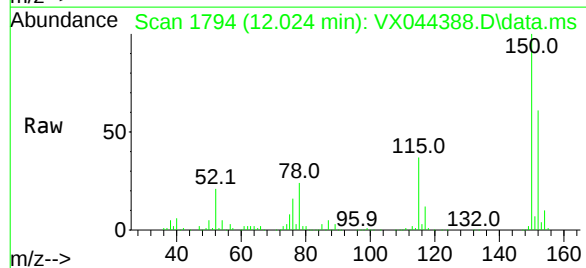
Acq: 18 Dec 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20241212



Tgt Ion:152 Resp: 75803

Ion Ratio Lower Upper

152 100

115 62.3 44.5 133.3

150 159.6 0.0 353.8

