

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040384.D
 Acq On : 21 Feb 2024 16:13
 Operator : JC/MD
 Sample : P1520-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20240216

Quant Time: Feb 22 01:10:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

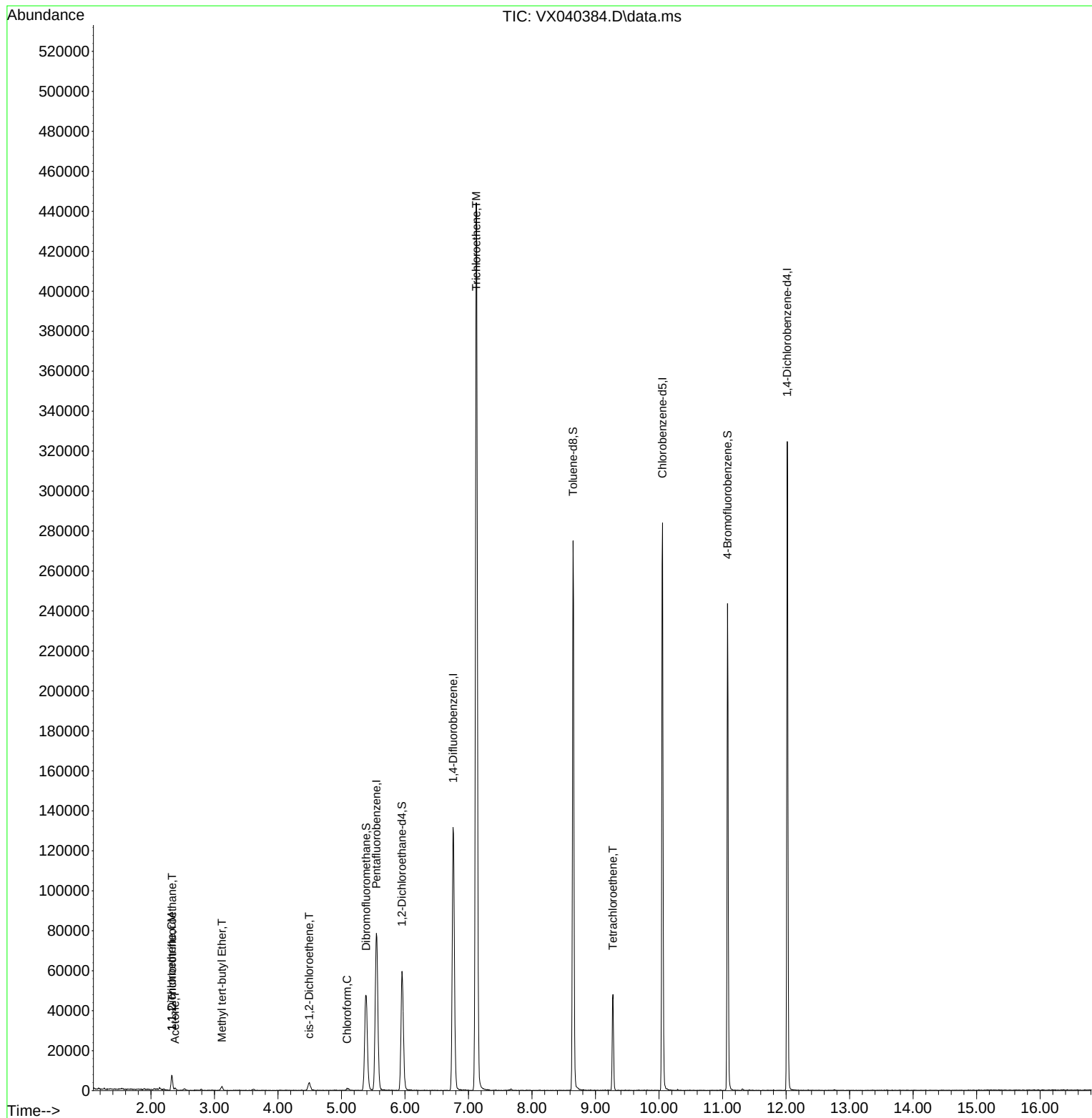
Internal Standards						
1) Pentafluorobenzene	5.550	168	71169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57146	53.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.940%	
35) Dibromofluoromethane	5.385	113	42598	47.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.080%	
50) Toluene-d8	8.647	98	158955	46.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.860%	
62) 4-Bromofluorobenzene	11.079	95	61485	44.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.020%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	2511	3.327	ug/l	95
12) 1,1-Dichloroethene	2.325	96	560	0.771	ug/l	94
16) Acetone	2.380	43	948	2.180	ug/l #	79
19) Methyl tert-butyl Ether	3.117	73	1945	0.760	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	2670	2.828	ug/l	81
30) Chloroform	5.087	83	1222	0.759	ug/l #	77
44) Trichloroethene	7.123	130	159331	162.830	ug/l	92
64) Tetrachloroethene	9.275	164	8078	9.388	ug/l	93

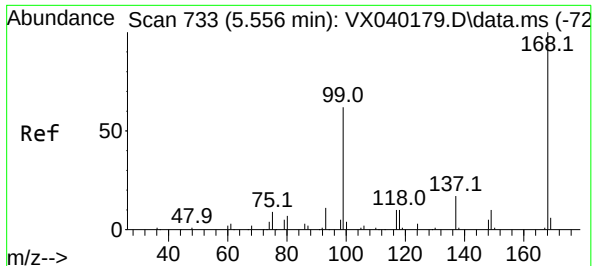
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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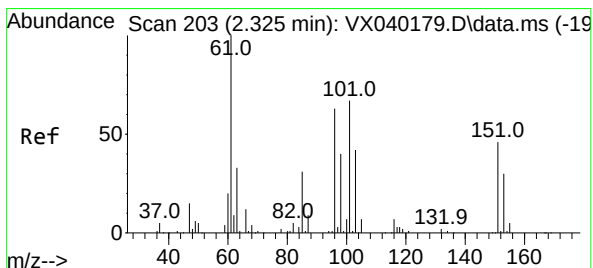
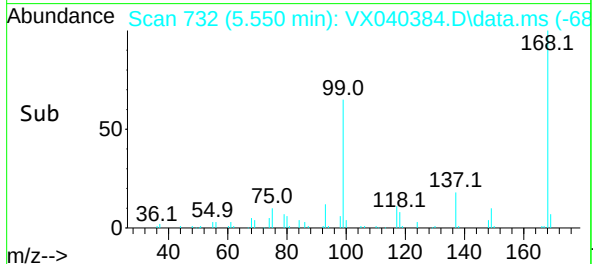
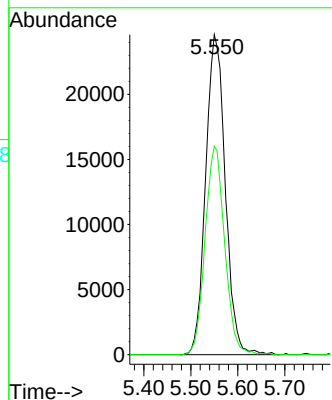
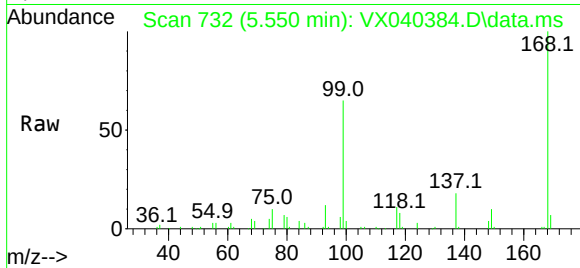




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

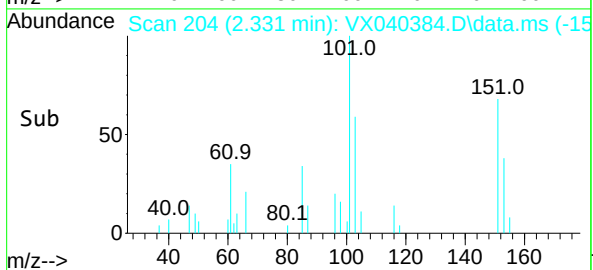
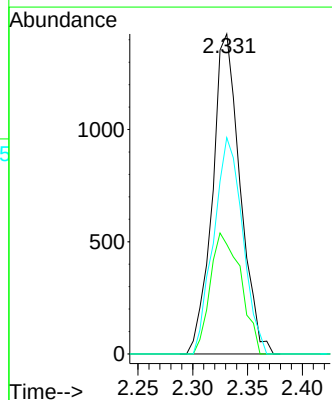
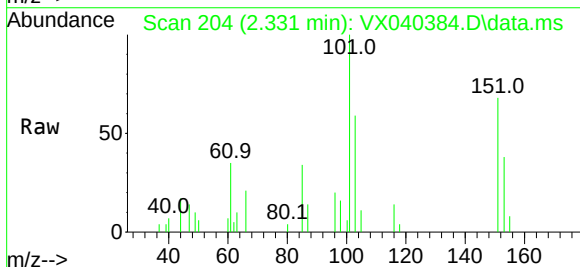
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

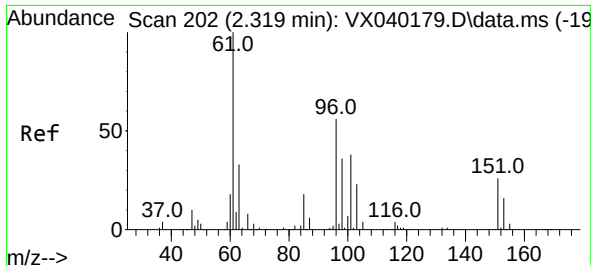
Tgt Ion:168 Resp: 71169
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.327 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

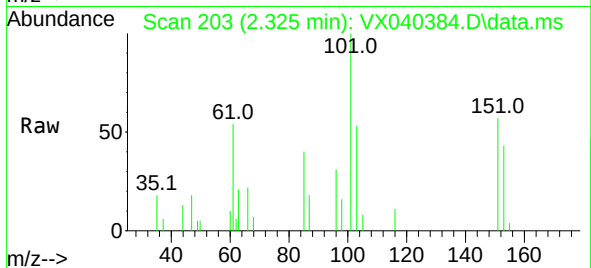
Tgt Ion:101 Resp: 2511
Ion Ratio Lower Upper
101 100
85 41.3 37.0 55.6
151 70.6 58.6 87.8



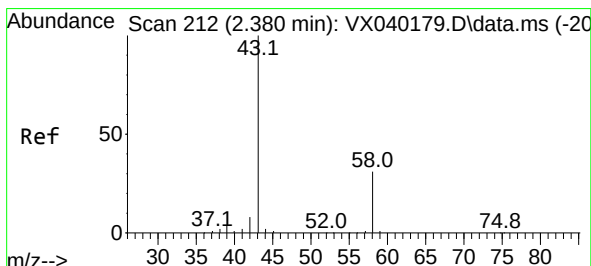
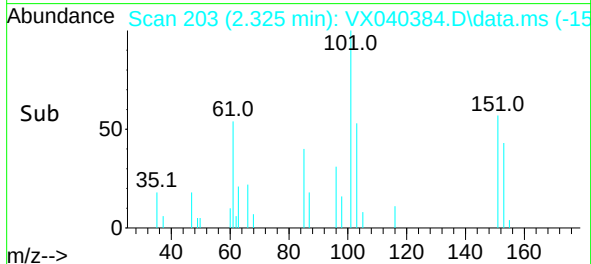
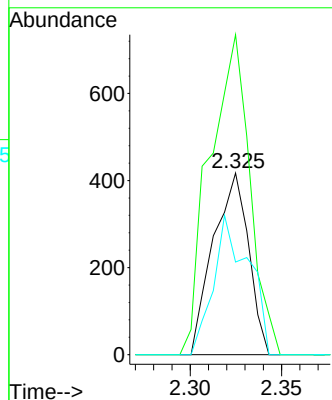


#12
1,1-Dichloroethene
Concen: 0.771 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

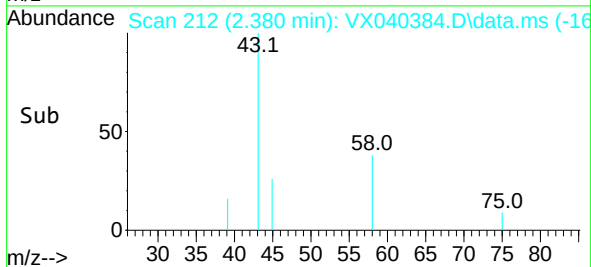
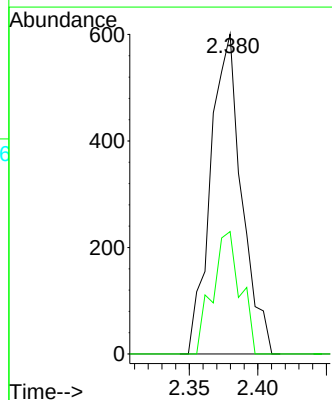
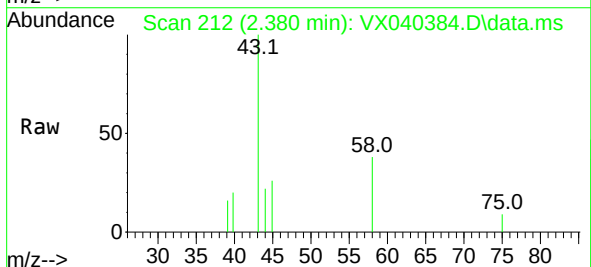


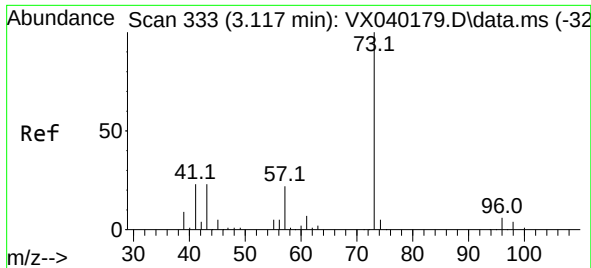
Tgt Ion: 96 Resp: 560
Ion Ratio Lower Upper
96 100
61 176.3 144.6 216.8
98 51.1 50.4 75.6



#16
Acetone
Concen: 2.180 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 38.3 21.9 32.9#

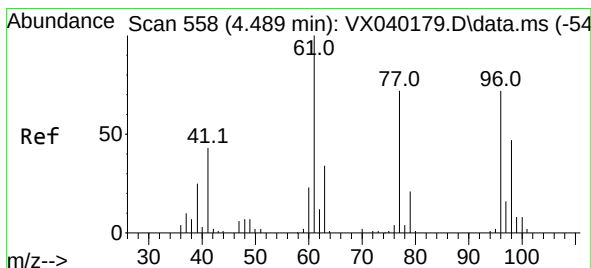
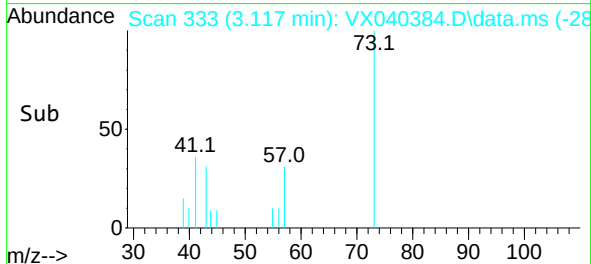
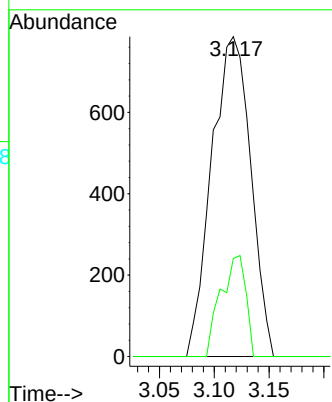
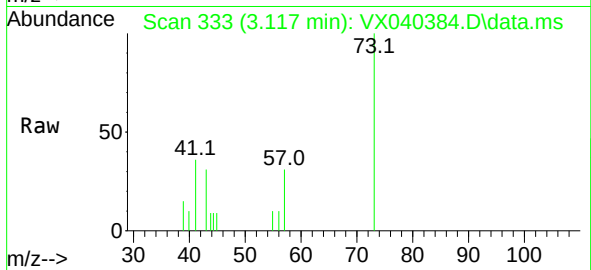




#19
Methyl tert-butyl Ether
Concen: 0.760 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

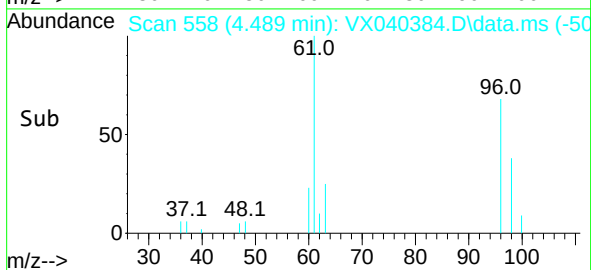
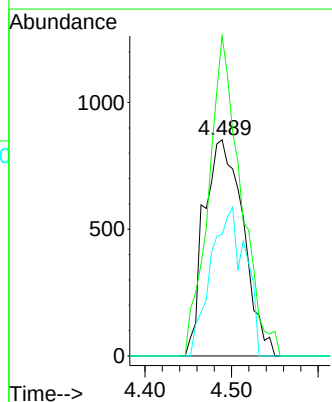
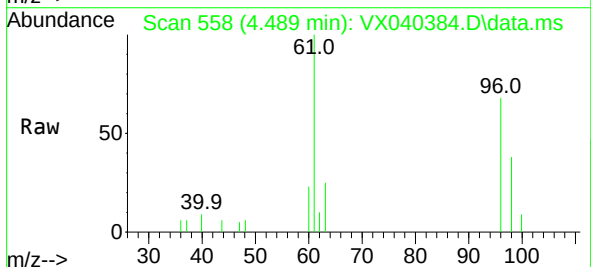
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

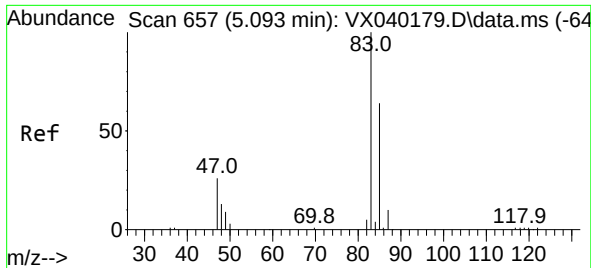
Tgt Ion: 73 Resp: 1945
Ion Ratio Lower Upper
73 100
57 30.7 17.3 25.9#



#27
cis-1,2-Dichloroethene
Concen: 2.828 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 96 Resp: 2670
Ion Ratio Lower Upper
96 100
61 123.0 0.0 312.2
98 61.2 0.0 129.0





#30

Chloroform

Concen: 0.759 ug/l

RT: 5.087 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX040384.D

Acq: 21 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

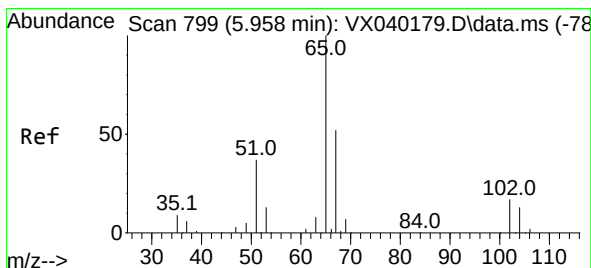
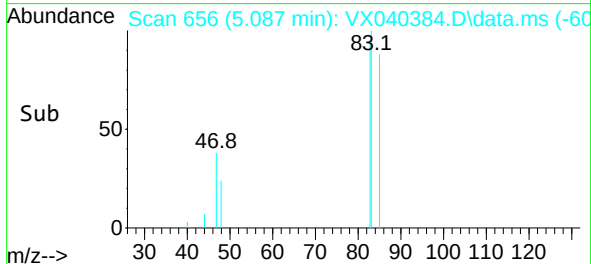
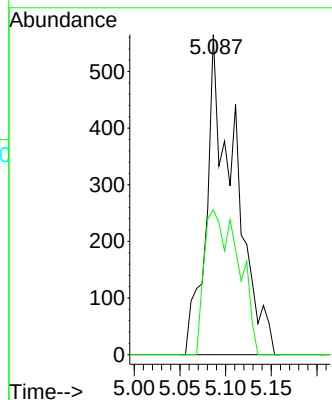
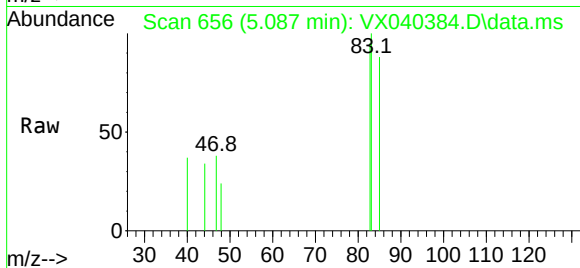
RE125D1-20240216

Tgt Ion: 83 Resp: 1222

Ion Ratio Lower Upper

83 100

85 45.3 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 53.973 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040384.D

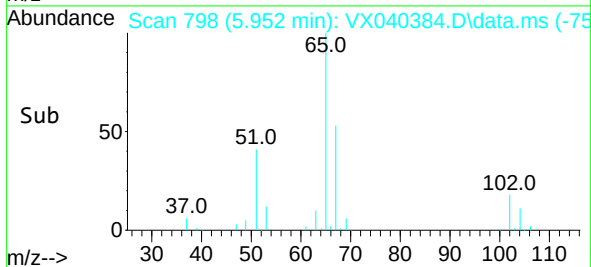
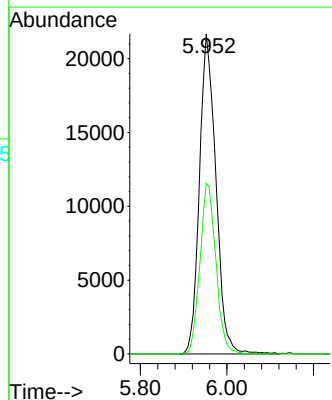
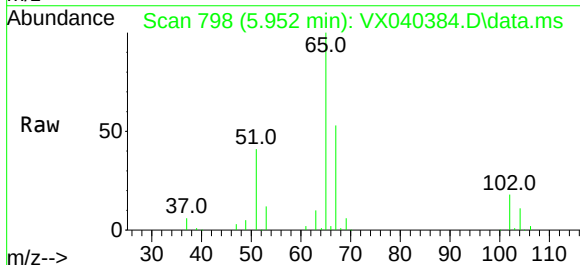
Acq: 21 Feb 2024 16:13

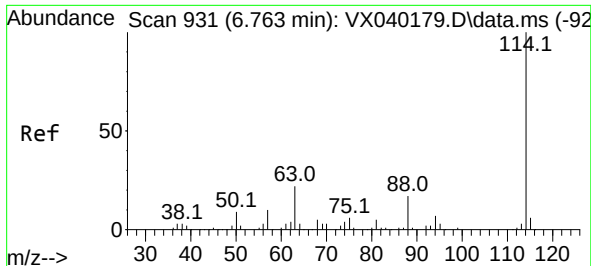
Tgt Ion: 65 Resp: 57146

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2

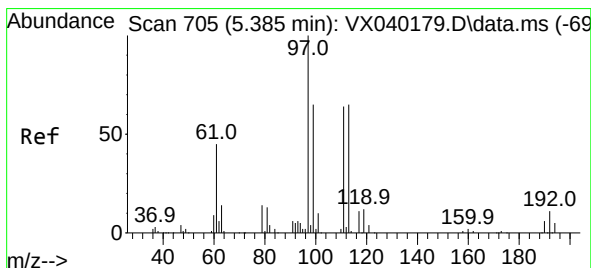
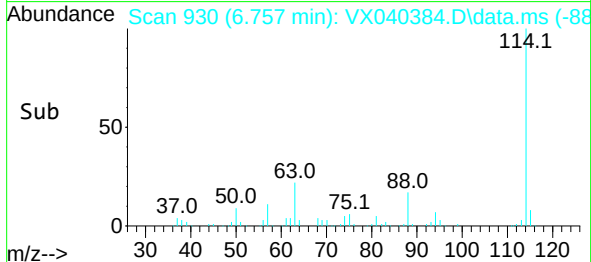
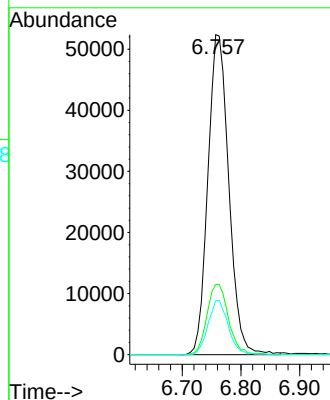
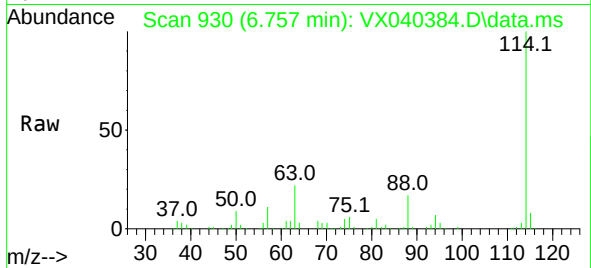




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

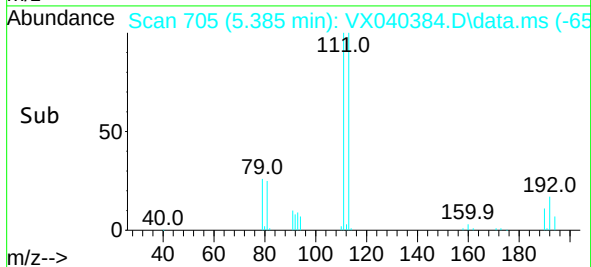
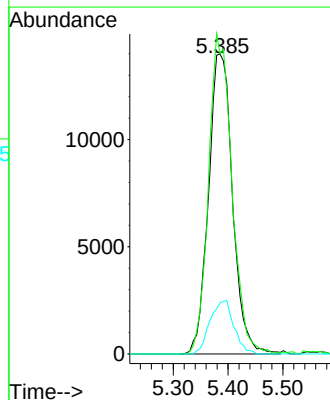
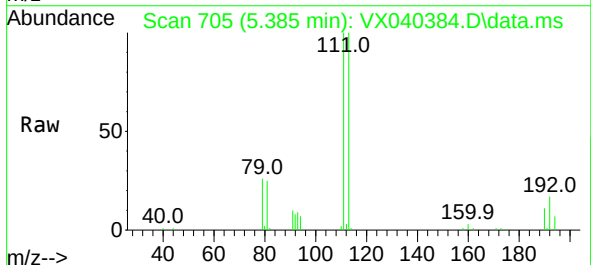
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

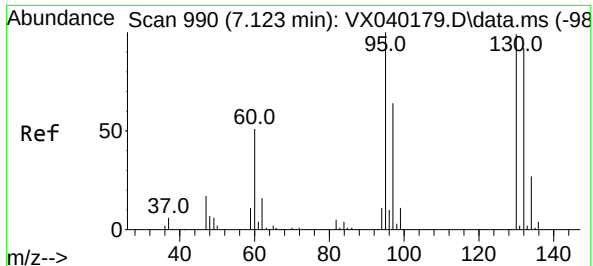
Tgt Ion:114 Resp: 129671
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.041 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion:113 Resp: 42598
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 17.6 13.3 19.9

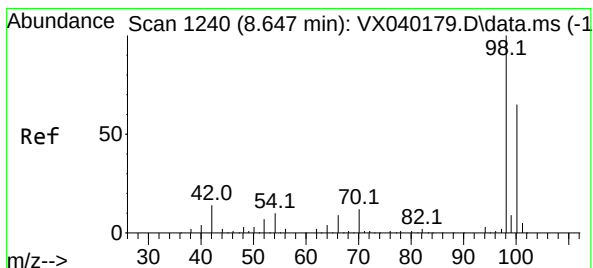
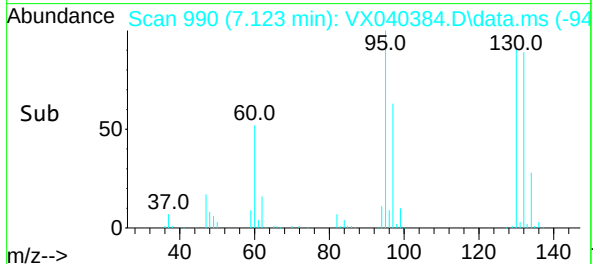
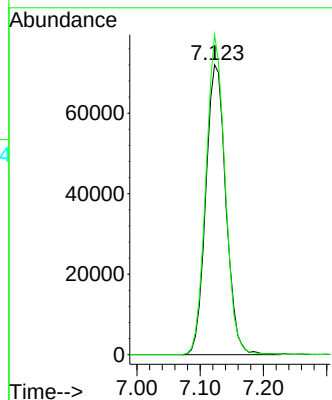
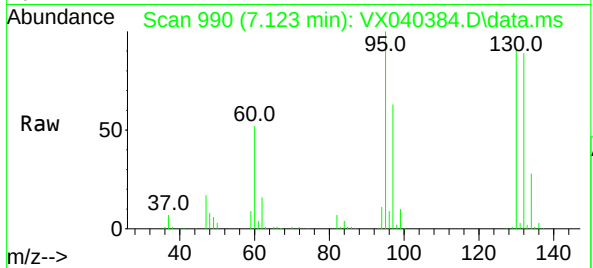




#44
Trichloroethene
Concen: 162.830 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

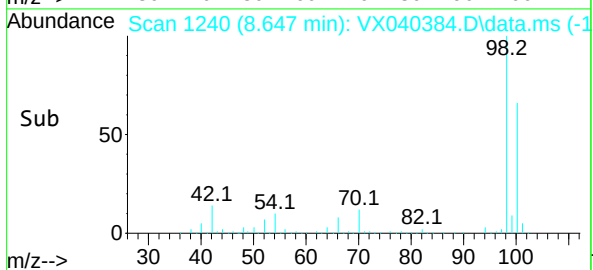
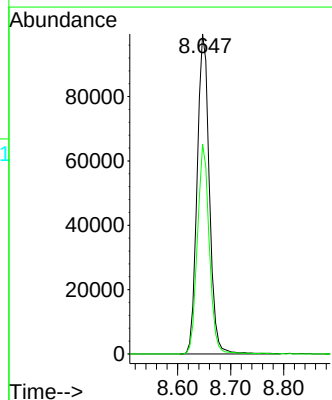
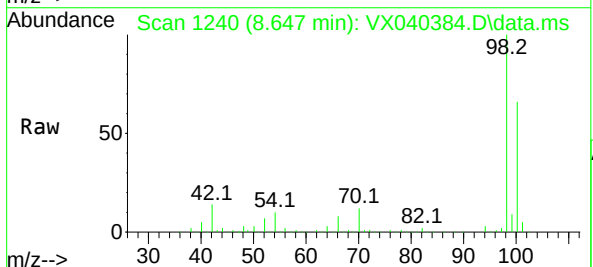
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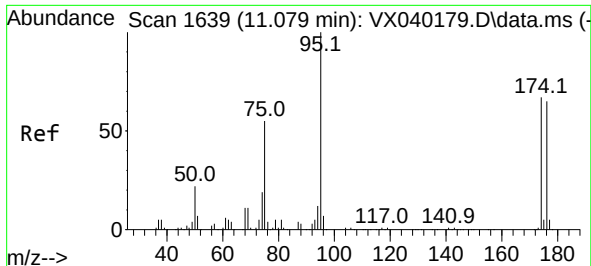
Tgt Ion:130 Resp: 159331
Ion Ratio Lower Upper
130 100
95 110.3 0.0 204.4



#50
Toluene-d8
Concen: 46.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 98 Resp: 158955
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

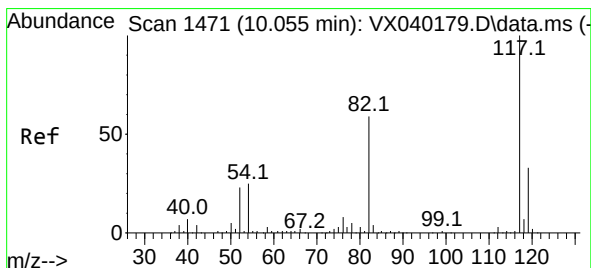
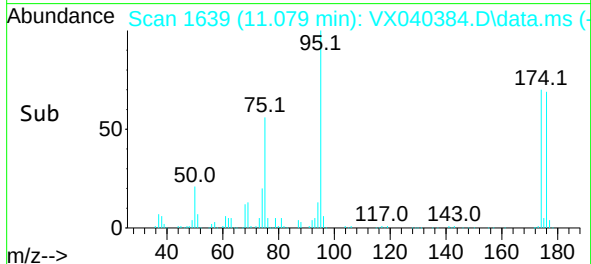
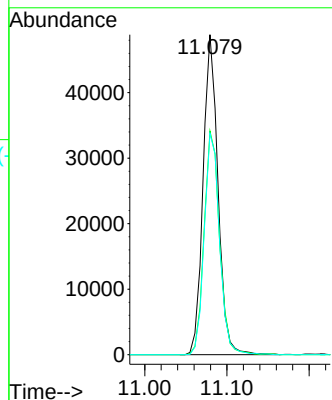
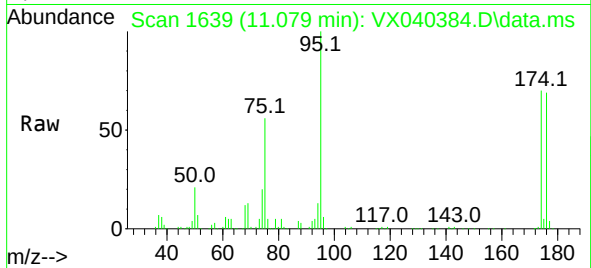




#62
4-Bromofluorobenzene
Concen: 44.505 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

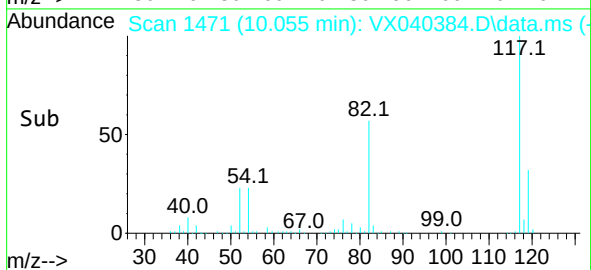
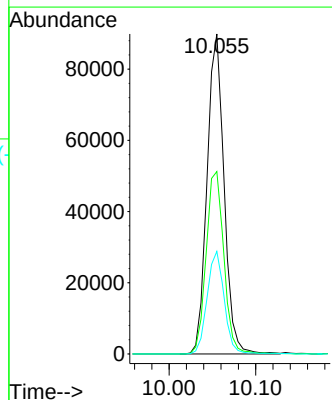
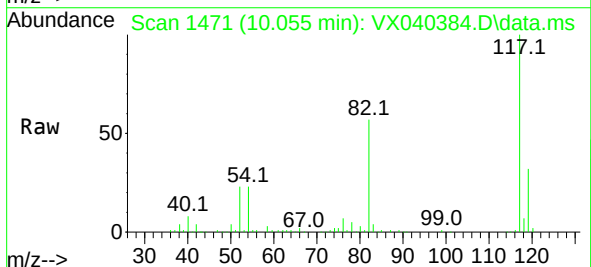
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

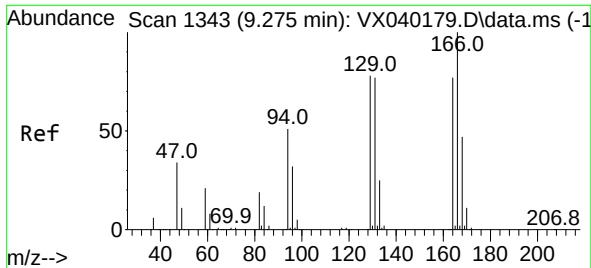
Tgt Ion: 95 Resp: 61485
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

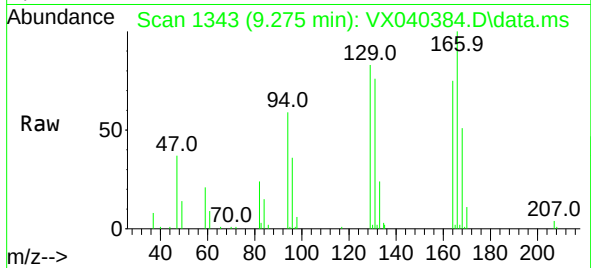
Tgt Ion: 117 Resp: 122786
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.1 25.5 38.3





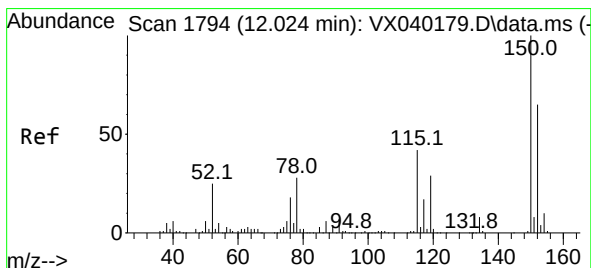
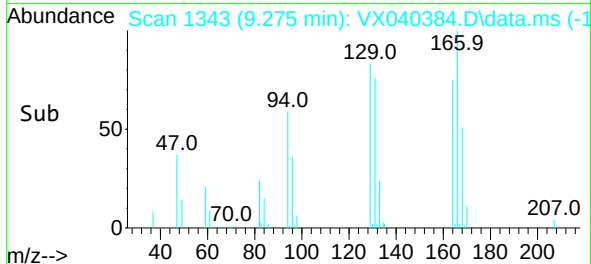
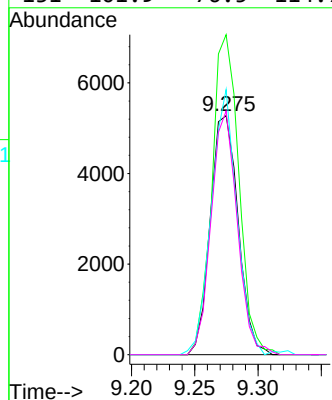
#64
Tetrachloroethene
Concen: 9.388 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216



Tgt Ion:164 Resp: 8078

Ion	Ratio	Lower	Upper
164	100		
166	133.8	102.7	154.1
129	110.9	80.4	120.6
131	101.9	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion:152 Resp: 62645

Ion	Ratio	Lower	Upper
152	100		
115	62.1	43.3	129.9
150	157.7	0.0	345.0

