

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040385.D
 Acq On : 21 Feb 2024 16:36
 Operator : JC/MD
 Sample : P1520-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20240216

Quant Time: Feb 22 01:10:51 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)

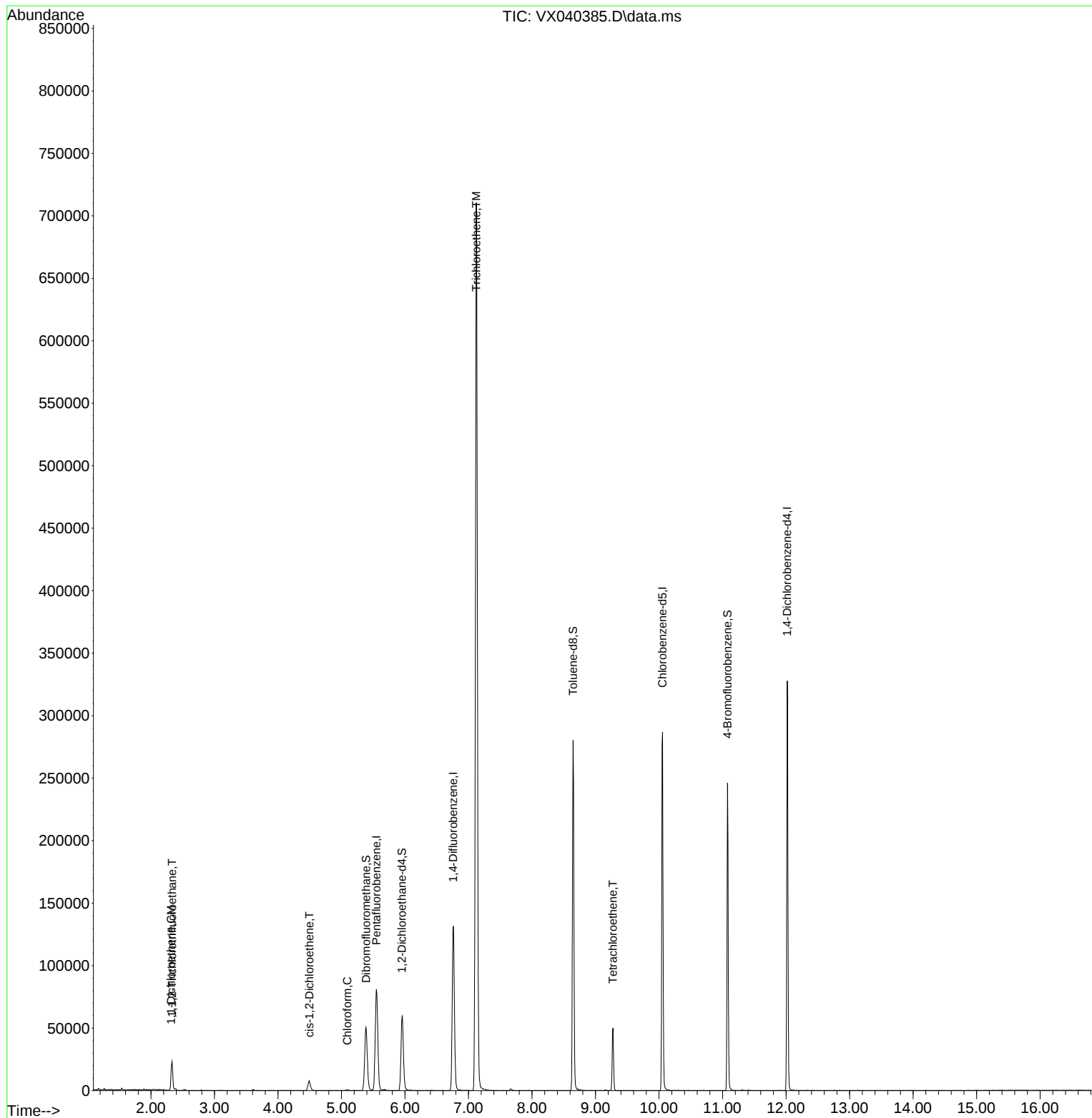
Internal Standards						
1) Pentafluorobenzene	5.550	168	71863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57747	54.014	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.020%	
35) Dibromofluoromethane	5.385	113	43287	47.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.820%	
50) Toluene-d8	8.647	98	159058	46.570	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.140%	
62) 4-Bromofluorobenzene	11.079	95	62524	44.886	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.780%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	7529	9.880	ug/l	98
12) 1,1-Dichloroethene	2.319	96	1699	2.316	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	4436	4.654	ug/l	92
30) Chloroform	5.093	83	699	0.430	ug/l	99
44) Trichloroethene	7.123	130	249752	253.140	ug/l	93
64) Tetrachloroethene	9.275	164	8483	9.615	ug/l	94

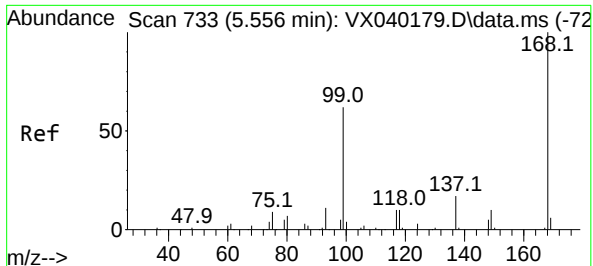
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE125D2-20240216

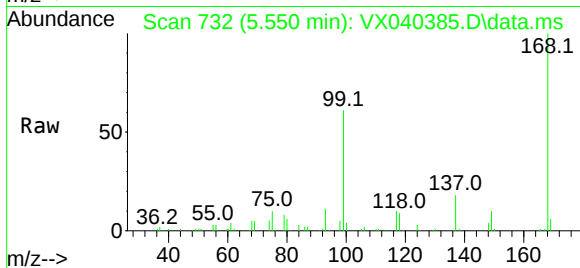
Quant Time: Feb 22 01:10:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



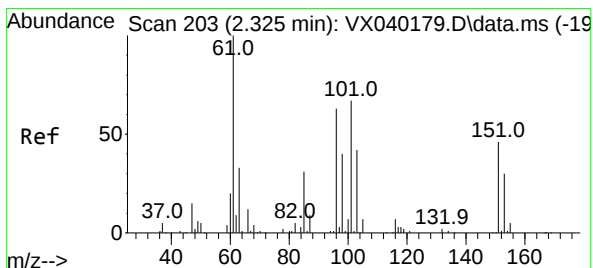
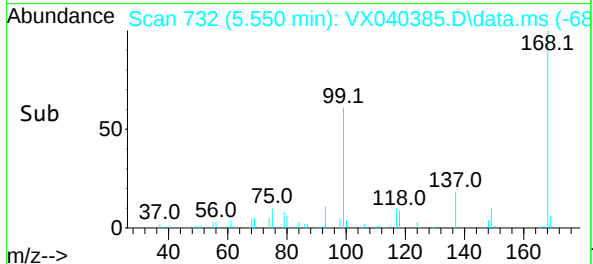
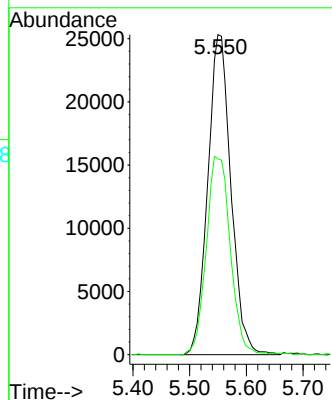


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

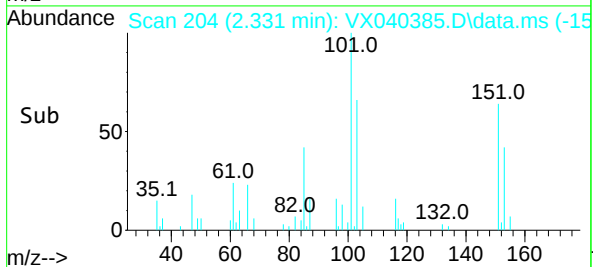
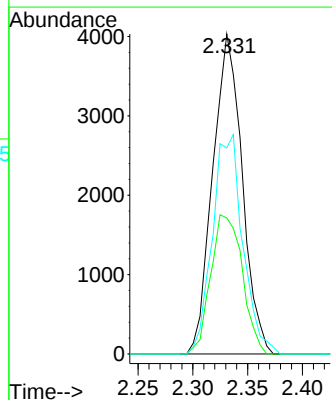
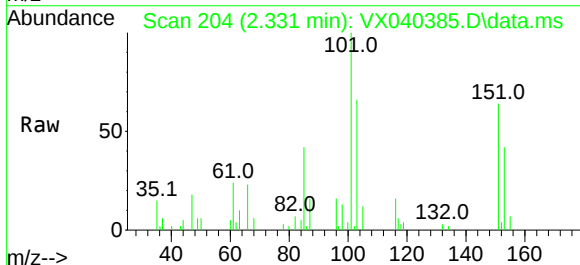


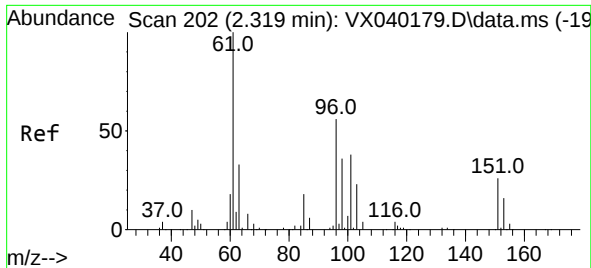
Tgt Ion:168 Resp: 71863
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.880 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

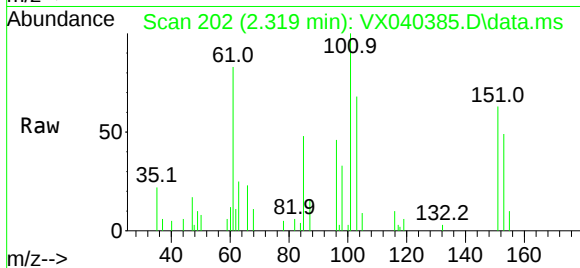
Tgt Ion:101 Resp: 7529
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 70.8 58.6 87.8





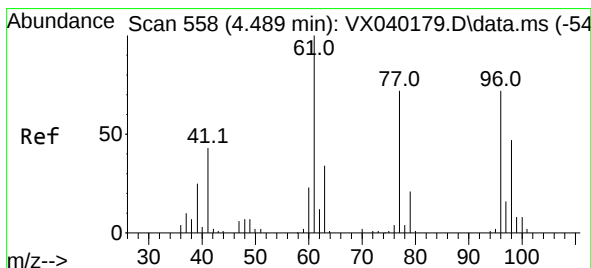
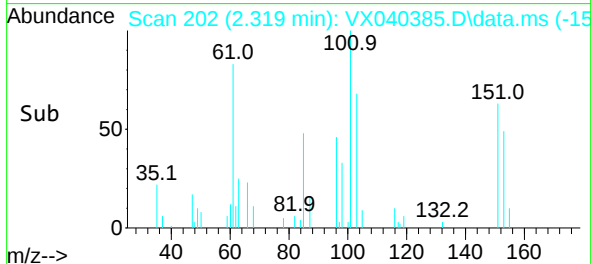
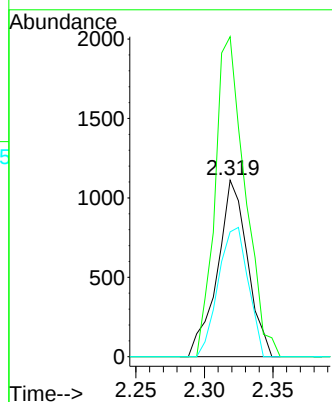
#12
 1,1-Dichloroethene
 Concen: 2.316 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX040385.D
 Acq: 21 Feb 2024 16:36

Instrument :
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 ClientSampleId :
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Tgt Ion: 96 Resp: 1699

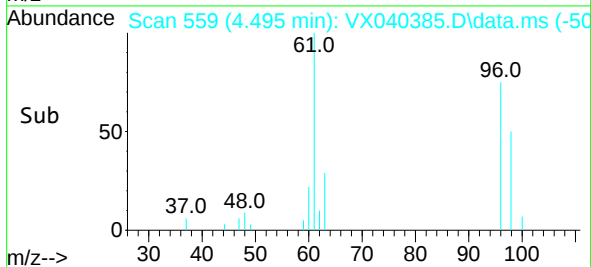
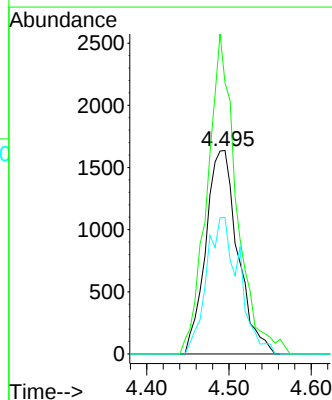
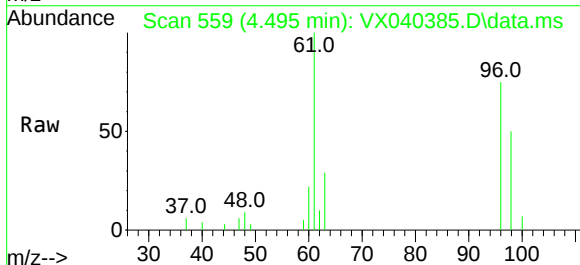
Ion	Ratio	Lower	Upper
96	100		
61	181.4	144.6	216.8
98	70.7	50.4	75.6

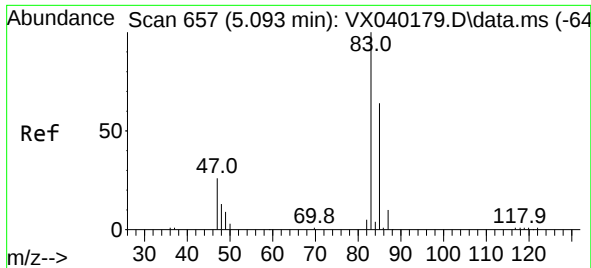


#27
 cis-1,2-Dichloroethene
 Concen: 4.654 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX040385.D
 Acq: 21 Feb 2024 16:36

Tgt Ion: 96 Resp: 4436

Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	312.2
98	68.8	0.0	129.0

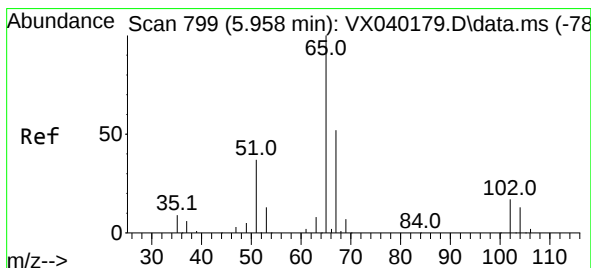
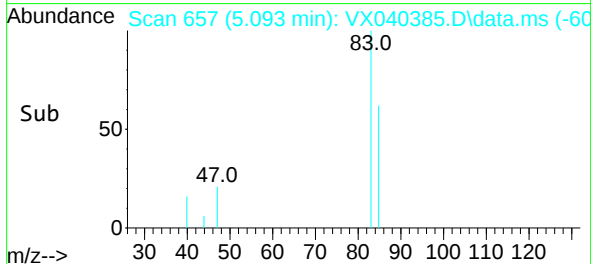
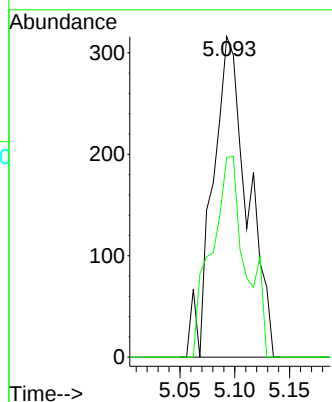
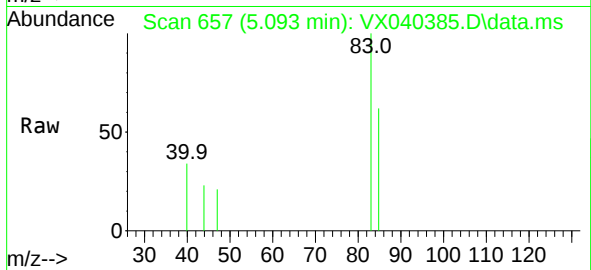




#30
Chloroform
Concen: 0.430 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

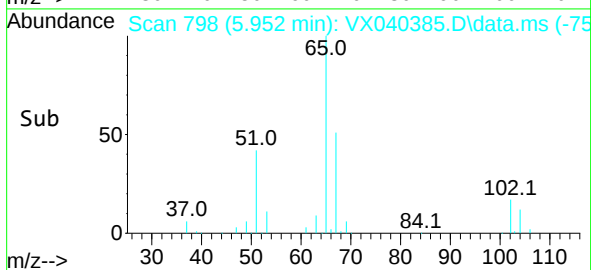
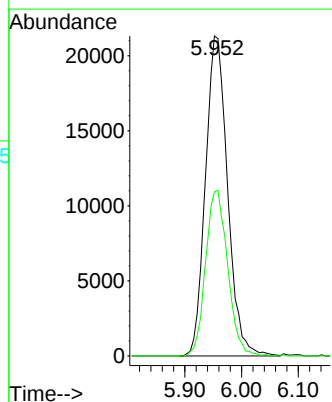
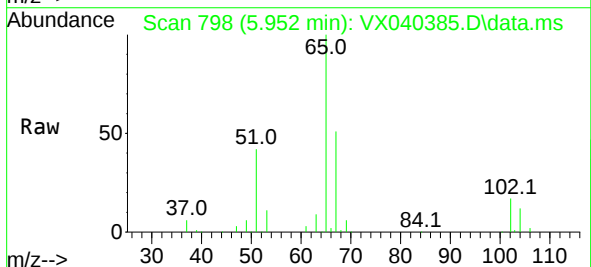
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

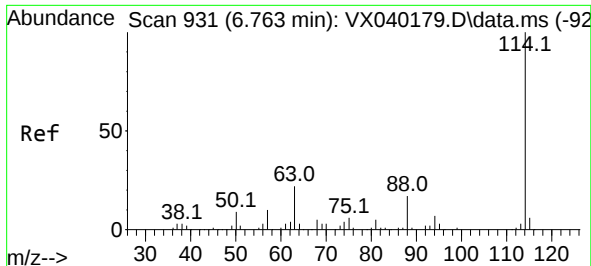
Tgt Ion: 83 Resp: 699
Ion Ratio Lower Upper
83 100
85 62.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 54.014 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 65 Resp: 57747
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

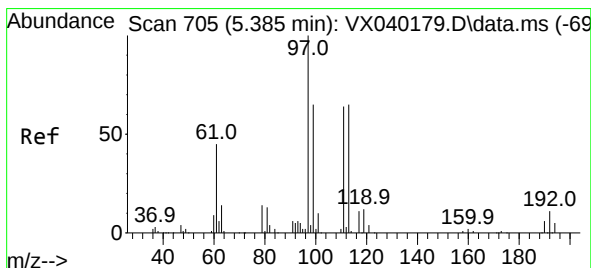
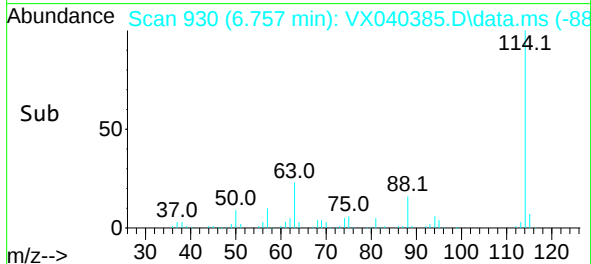
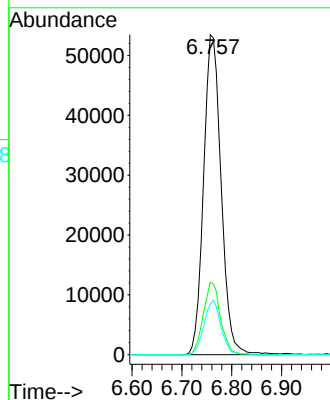
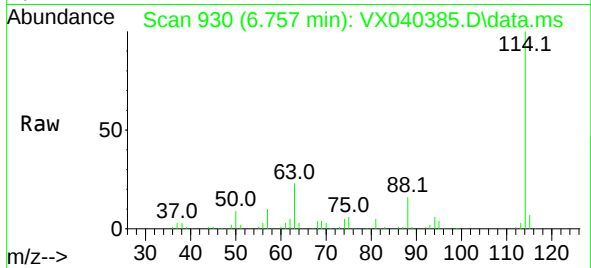




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

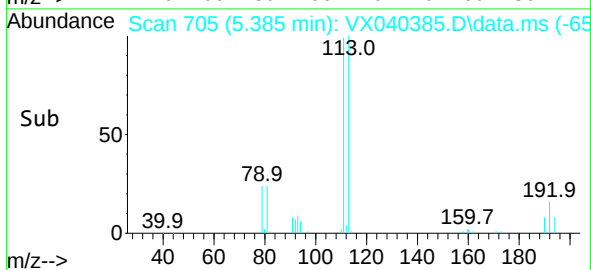
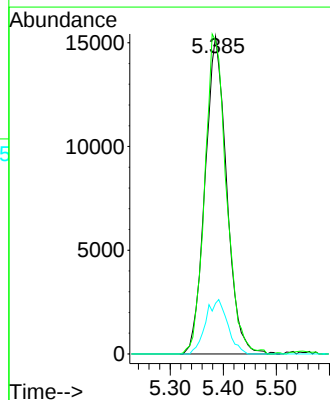
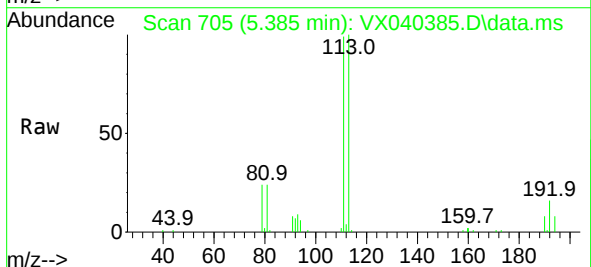
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

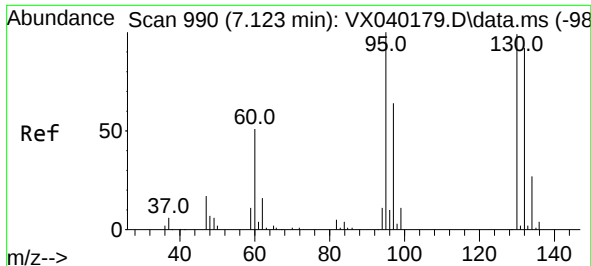
Tgt Ion:114 Resp: 130745
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.409 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion:113 Resp: 43287
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 17.4 13.3 19.9

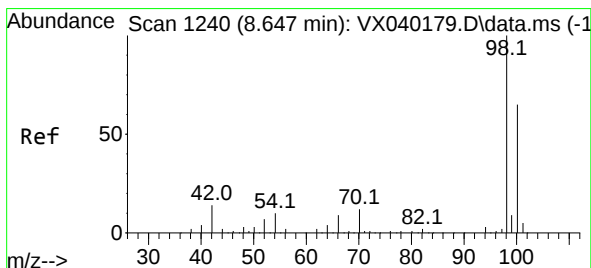
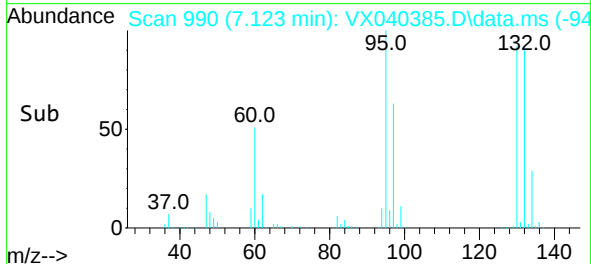
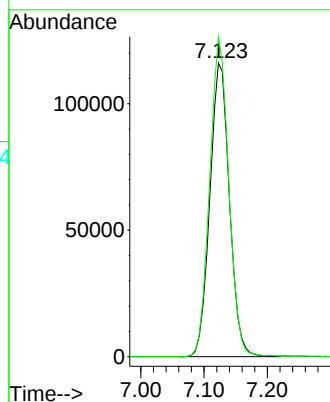
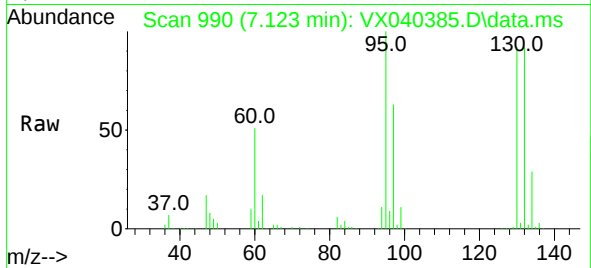




#44
Trichloroethene
Concen: 253.140 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

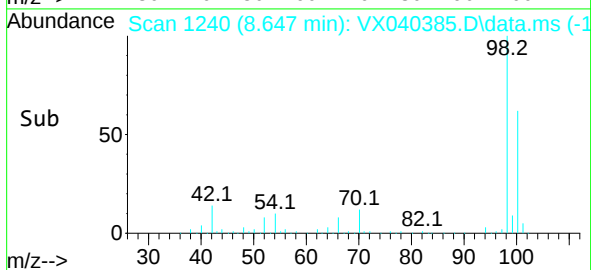
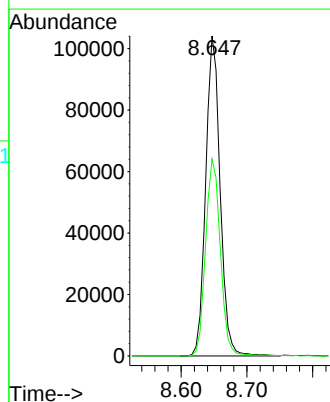
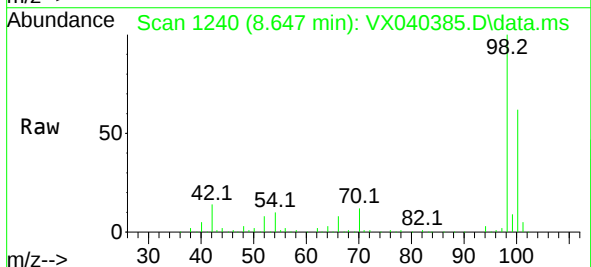
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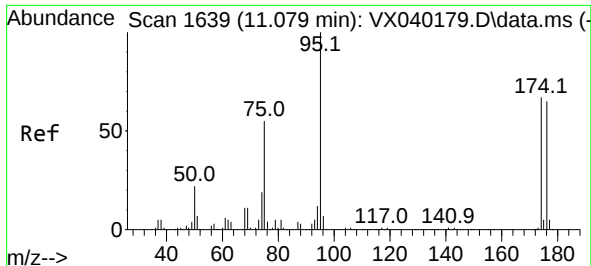
Tgt Ion:130 Resp: 249752
Ion Ratio Lower Upper
130 100
95 109.0 0.0 204.4



#50
Toluene-d8
Concen: 46.570 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 98 Resp: 159058
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.886 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040385.D

Acq: 21 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20240216

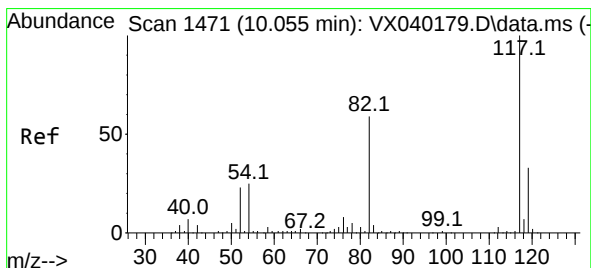
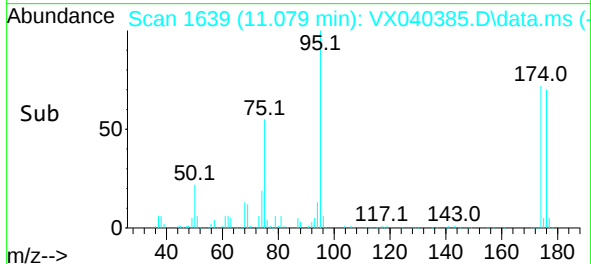
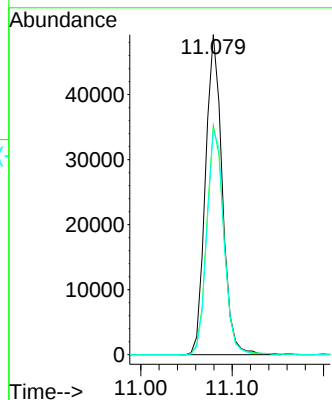
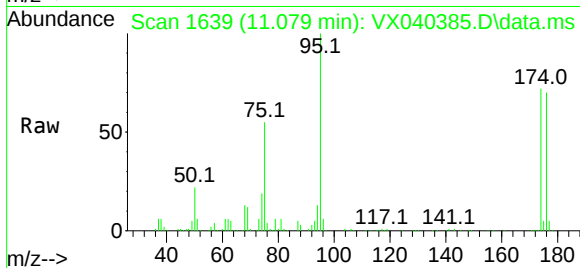
Tgt Ion: 95 Resp: 62524

Ion Ratio Lower Upper

95 100

174 72.6 0.0 135.6

176 71.7 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: VX040385.D

Acq: 21 Feb 2024 16:36

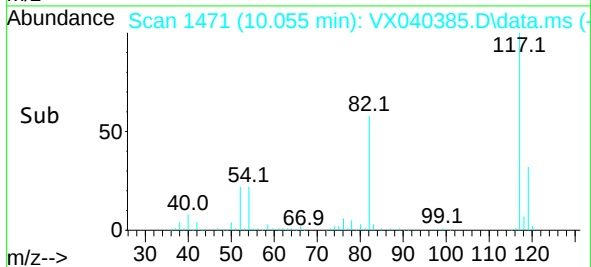
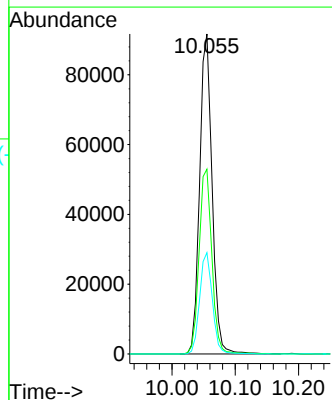
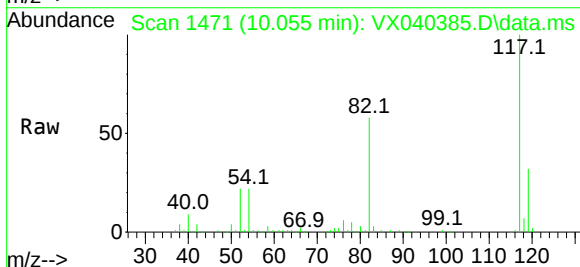
Tgt Ion: 117 Resp: 125902

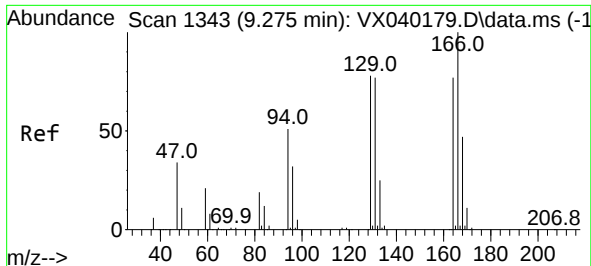
Ion Ratio Lower Upper

117 100

82 57.8 46.2 69.4

119 31.7 25.5 38.3

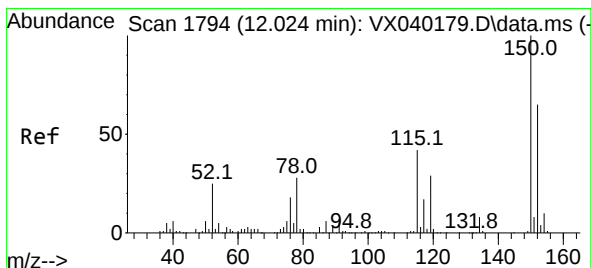
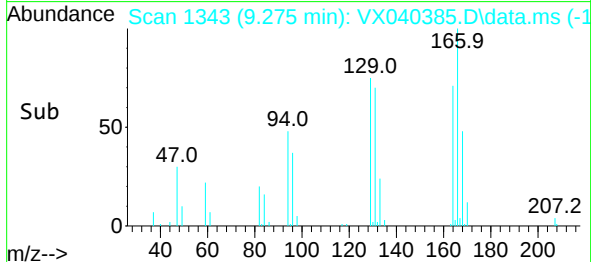
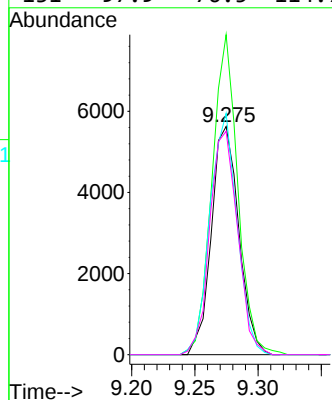
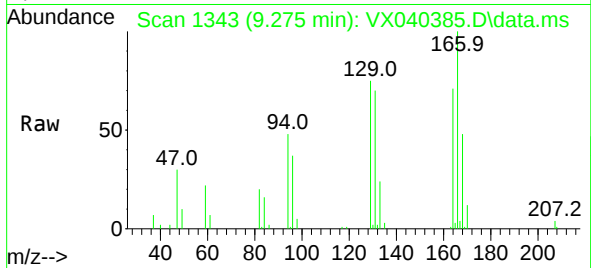




#64
Tetrachloroethene
Concen: 9.615 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

Tgt Ion:164 Resp: 8483
Ion Ratio Lower Upper
164 100
166 140.3 102.7 154.1
129 105.8 80.4 120.6
131 97.9 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: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion:152 Resp: 62713
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 159.6 0.0 345.0

