

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044331.D
 Acq On : 16 Dec 2024 18:03
 Operator : JC/MD
 Sample : P5261-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20241210

Quant Time: Dec 17 00:54:19 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)

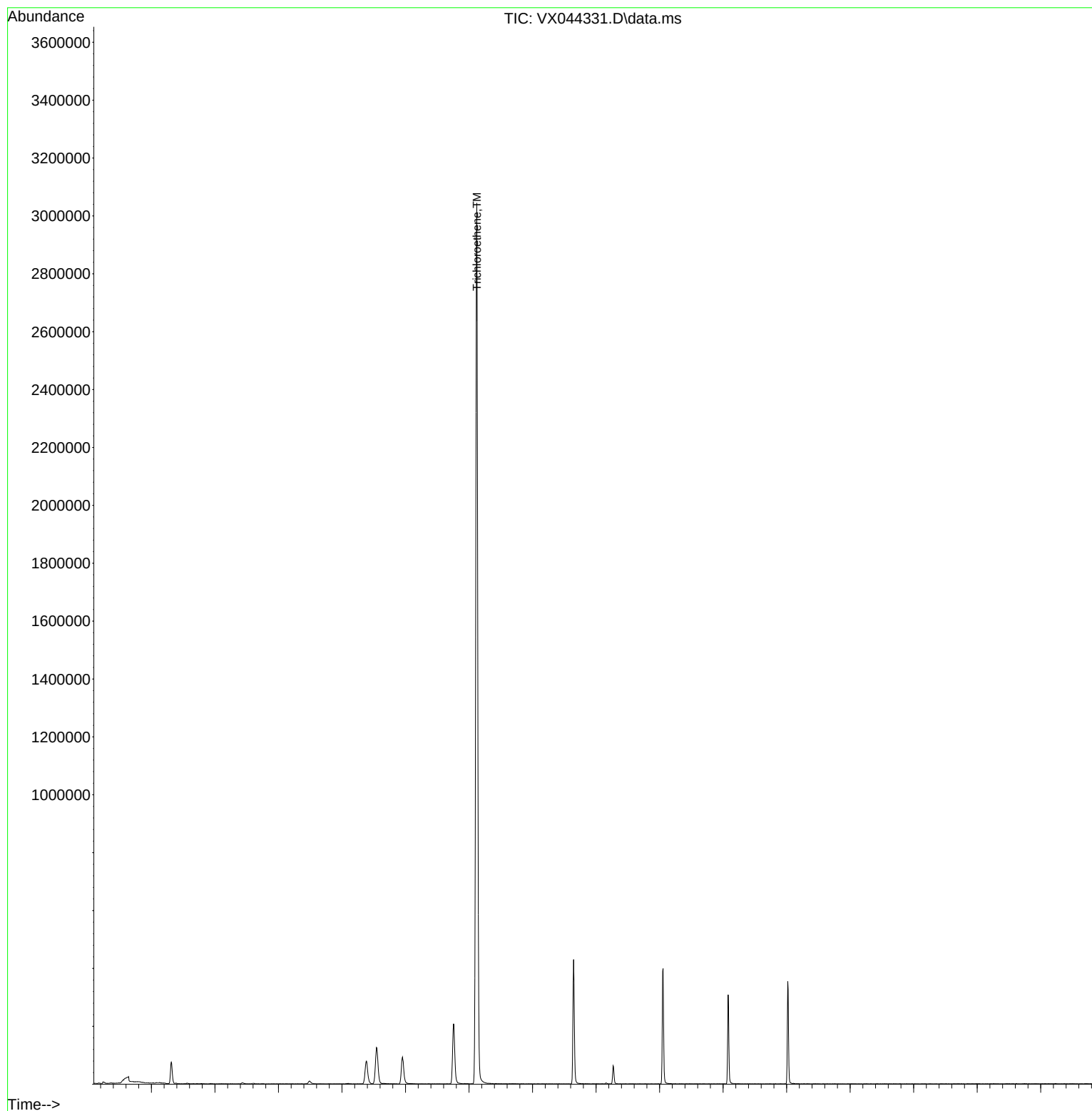
Internal Standards						
1) Pentafluorobenzene	5.544	168	111398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90506	46.338	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	92.680%	
35) Dibromofluoromethane	5.379	113	67419	47.149	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.300%	
50) Toluene-d8	8.647	98	247511	51.307	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.620%	
62) 4-Bromofluorobenzene	11.079	95	79560	47.198	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.400%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	20522	15.096	ug/l	98
12) 1,1-Dichloroethene	2.313	96	8649	6.927	ug/l	83
20) Methylene Chloride	2.782	84	375	0.251	ug/l #	79
27) cis-1,2-Dichloroethene	4.489	96	6260	3.714	ug/l	83
44) Trichloroethene	7.123	130	1117893	798.799	ug/l	96
55) 1,1,2-Trichloroethane	9.165	97	844	0.603	ug/l #	68
64) Tetrachloroethene	9.269	164	10756	9.092	ug/l	95

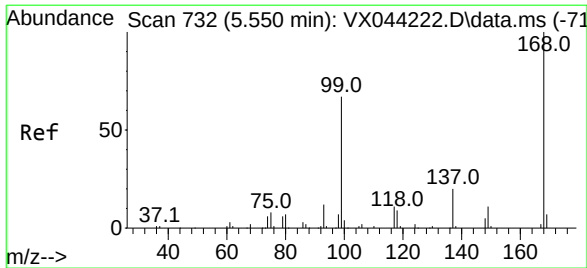
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
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RE120D3-20241210

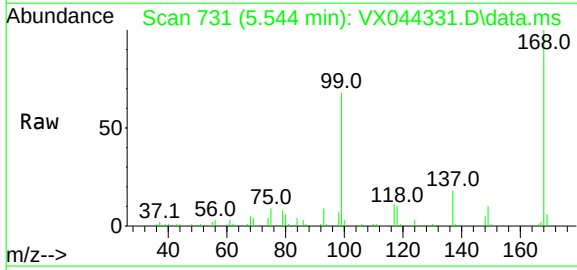
Quant Time: Dec 17 00:54:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



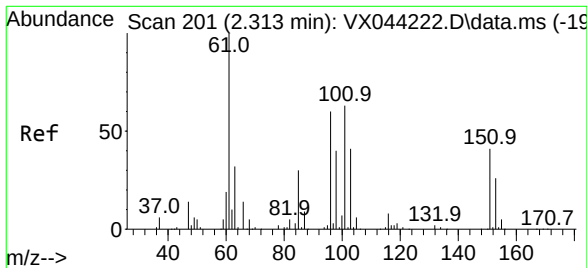
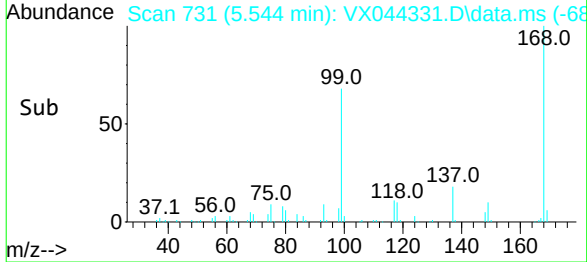
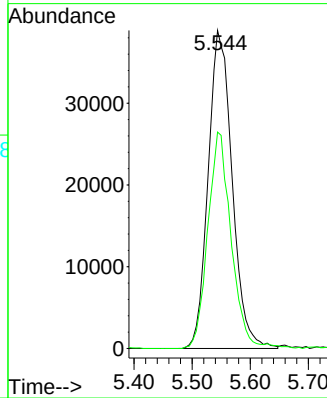


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044331.D
Acq: 16 Dec 2024 18:03

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210

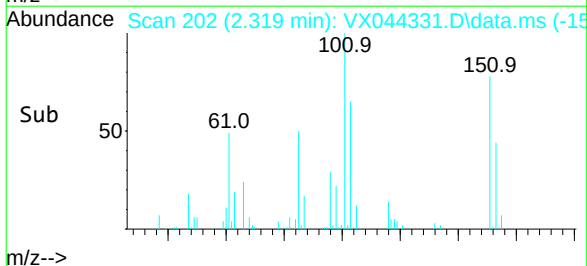
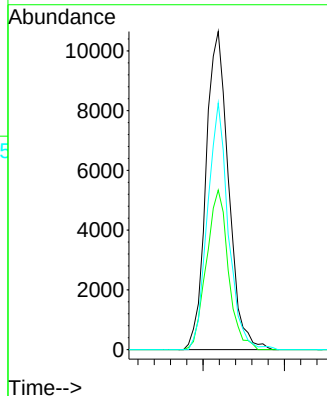
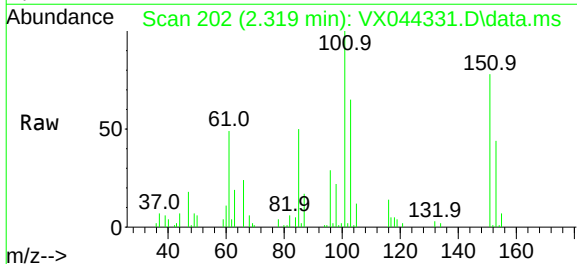


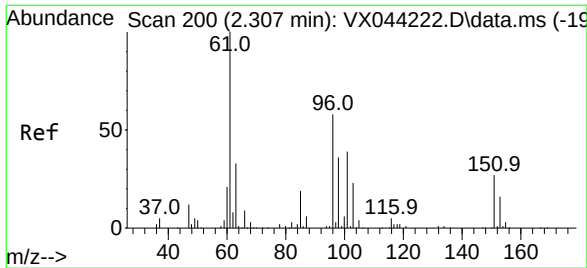
Tgt Ion:168 Resp: 111398
Ion Ratio Lower Upper
168 100
99 68.0 53.4 80.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.096 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044331.D
Acq: 16 Dec 2024 18:03

Tgt Ion:101 Resp: 20522
Ion Ratio Lower Upper
101 100
85 48.6 38.5 57.7
151 71.6 55.8 83.6

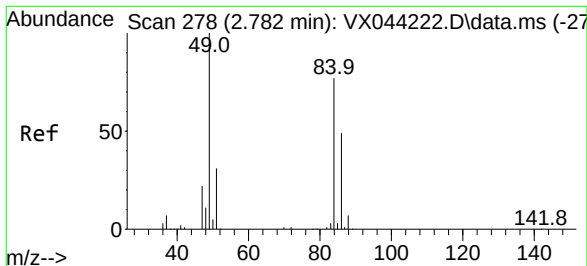
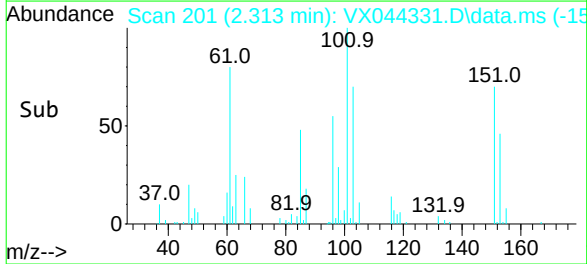
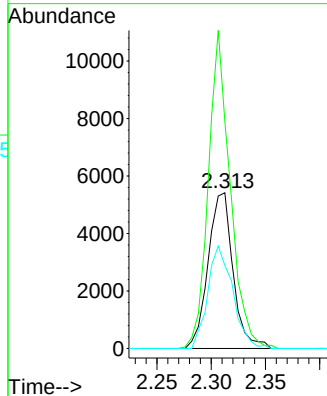
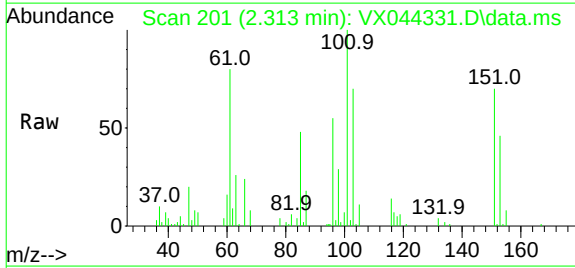




#12
1,1-Dichloroethene
Concen: 6.927 ug/l
RT: 2.313 min Scan# 200
Delta R.T. 0.006 min
Lab File: VX044331.D
Acq: 16 Dec 2024 18:03

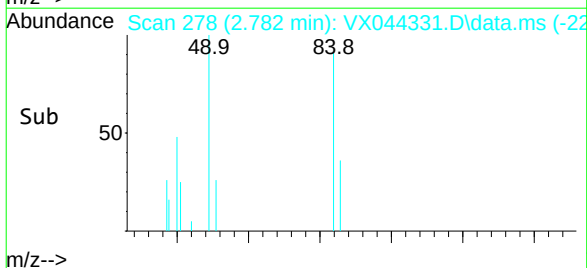
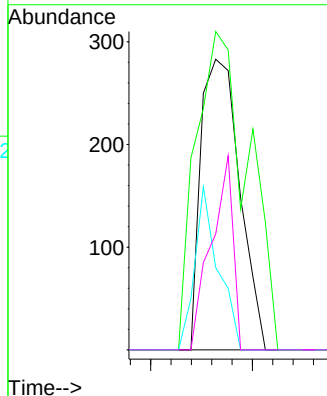
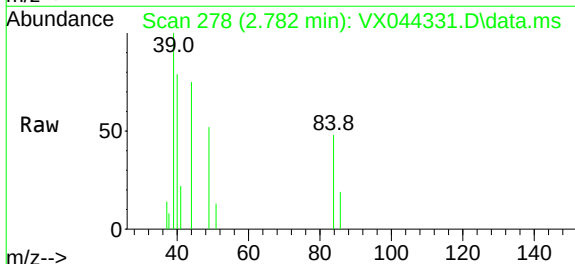
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210

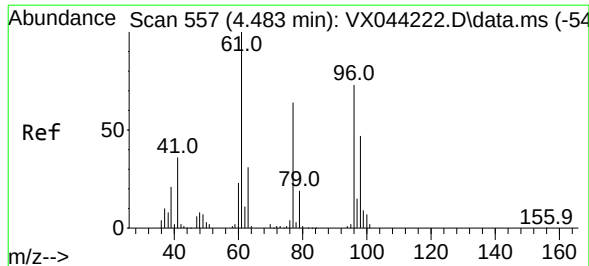
Tgt Ion:	96	Resp:	8649
Ion	Ratio	Lower	Upper
96	100		
61	145.7	138.0	207.0
98	53.3	50.0	75.0



#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044331.D
Acq: 16 Dec 2024 18:03

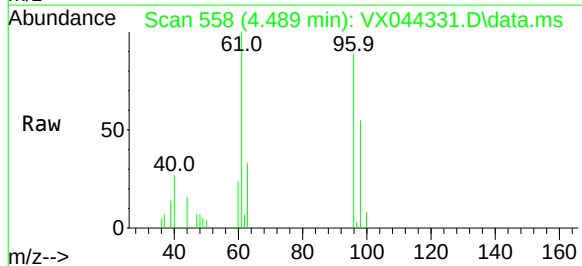
Tgt Ion:	84	Resp:	375
Ion	Ratio	Lower	Upper
84	100		
49	109.5	104.2	156.4
51	28.3	32.2	48.4#
86	39.9	50.9	76.3#



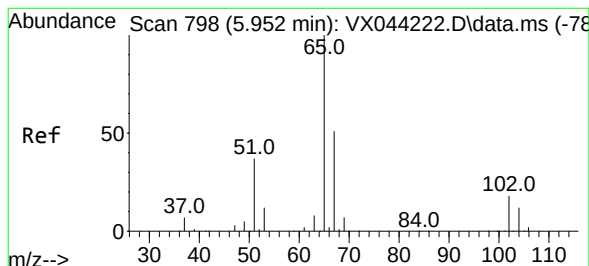
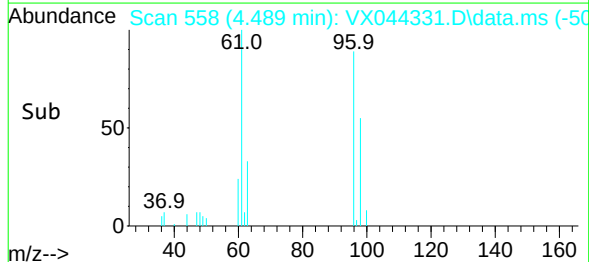
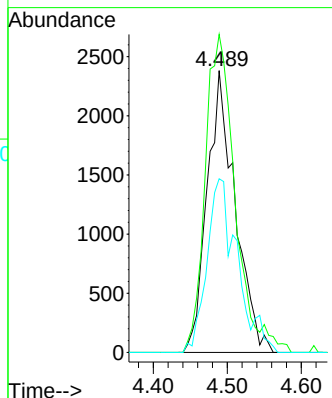


#27
 cis-1,2-Dichloroethene
 Concen: 3.714 ug/l
 RT: 4.489 min Scan# 557
 Delta R.T. 0.006 min
 Lab File: VX044331.D
 Acq: 16 Dec 2024 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20241210

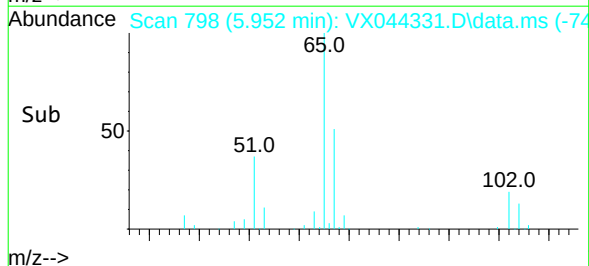
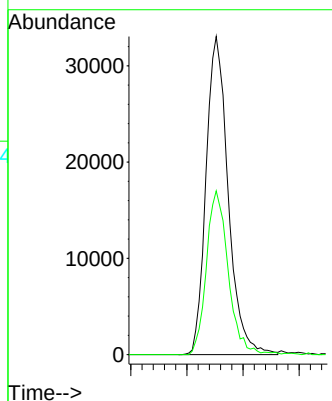
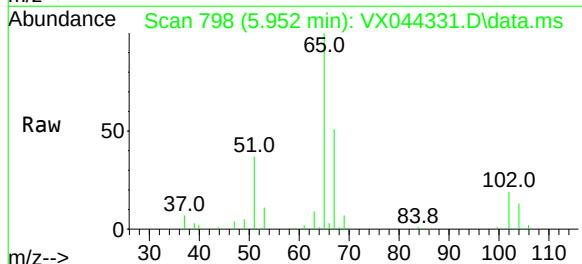


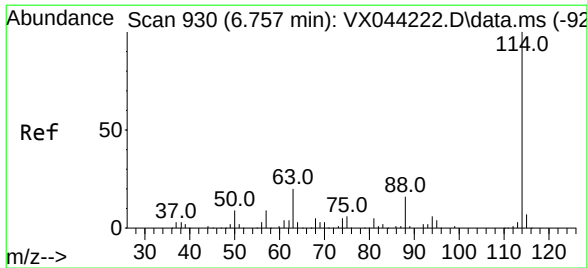
Tgt Ion: 96 Resp: 6260
 Ion Ratio Lower Upper
 96 100
 61 120.4 0.0 299.0
 98 67.0 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 46.338 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX044331.D
 Acq: 16 Dec 2024 18:03

Tgt Ion: 65 Resp: 90506
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6

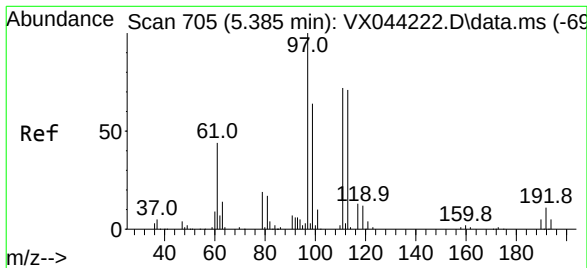
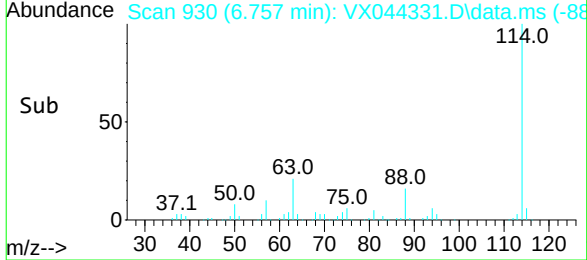
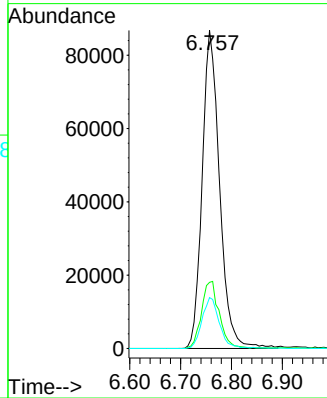
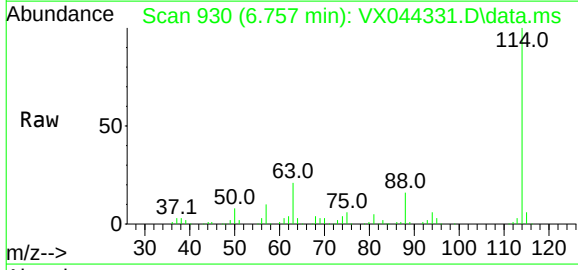




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX044331.D
Acq: 16 Dec 2024 18:03

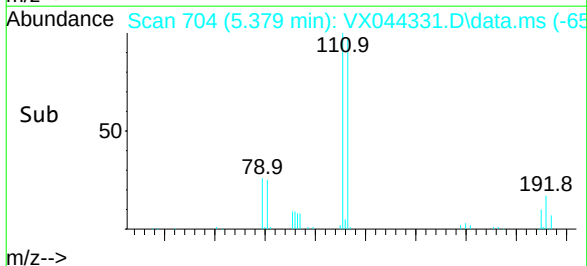
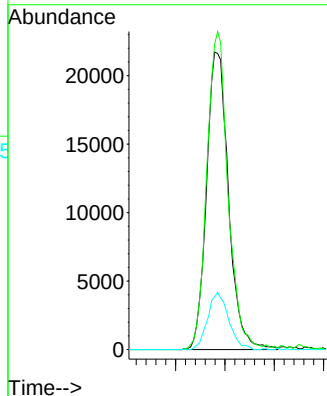
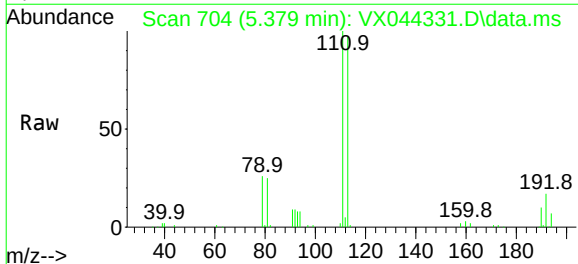
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210

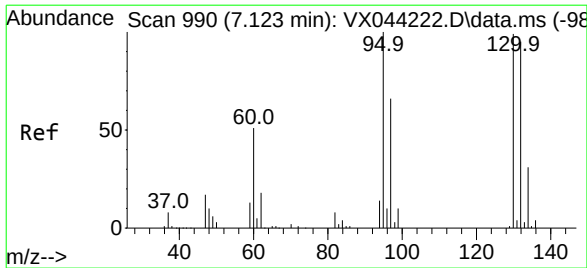
Tgt Ion:	114	Resp:	206459
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.6
88	16.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.149 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044331.D
Acq: 16 Dec 2024 18:03

Tgt Ion:	113	Resp:	67419
Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.4	120.6
192	18.3	13.3	19.9





#44

Trichloroethene

Concen: 798.799 ug/l

RT: 7.123 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX044331.D

Acq: 16 Dec 2024 18:03

Instrument :

MSVOA_X

ClientSampleId :

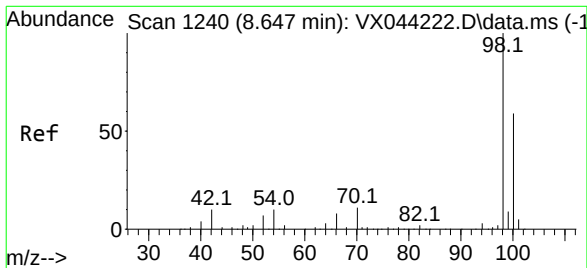
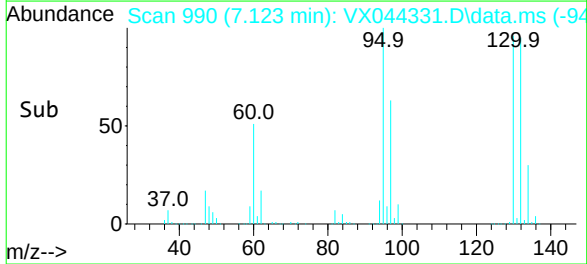
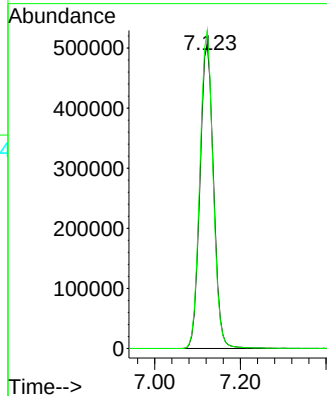
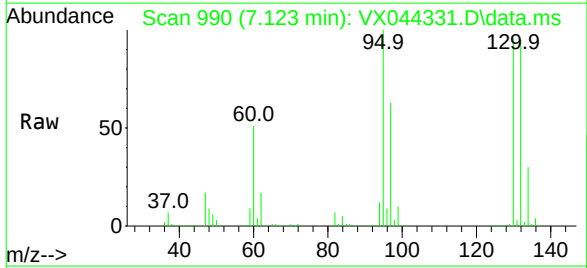
RE120D3-20241210

Tgt Ion:130 Resp: 1117893

Ion Ratio Lower Upper

130 100

95 104.6 0.0 201.4



#50

Toluene-d8

Concen: 51.307 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044331.D

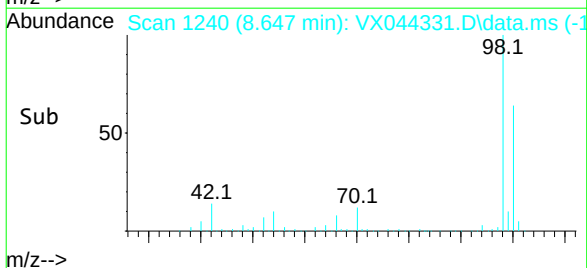
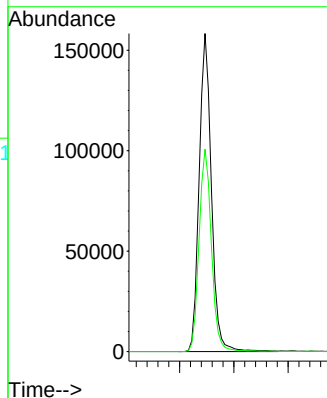
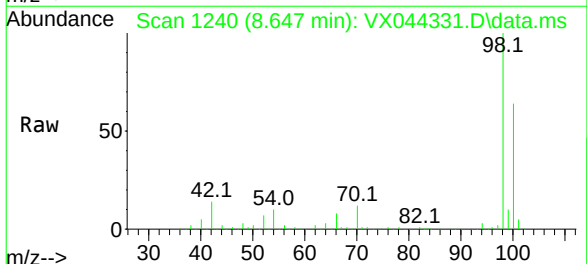
Acq: 16 Dec 2024 18:03

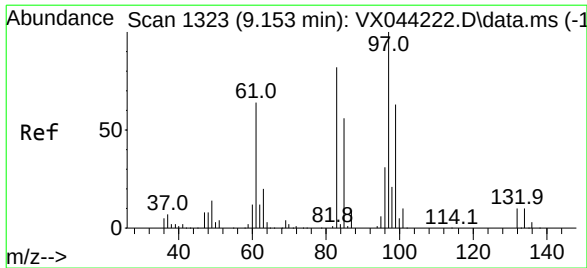
Tgt Ion: 98 Resp: 247511

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3

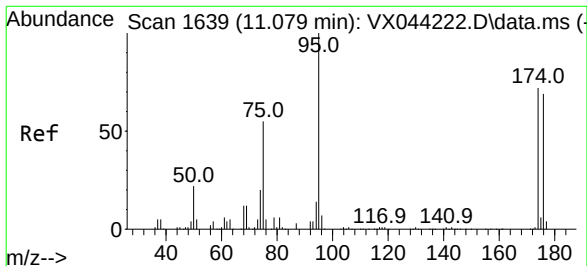
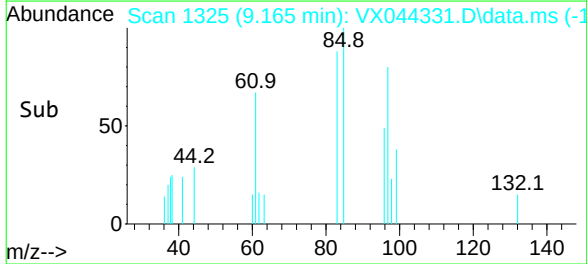
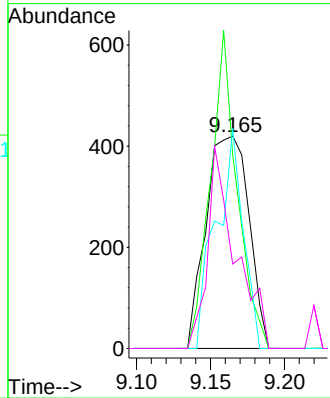
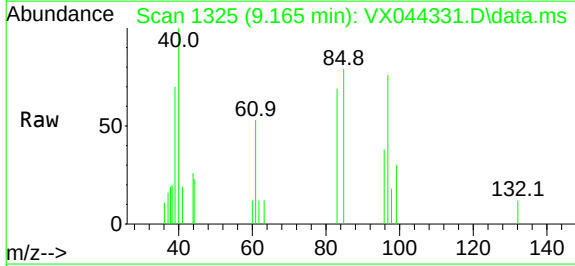




#55
1,1,2-Trichloroethane
Concen: 0.603 ug/l
RT: 9.165 min Scan# 1323
Delta R.T. 0.012 min
Lab File: VX044331.D
Acq: 16 Dec 2024 18:03

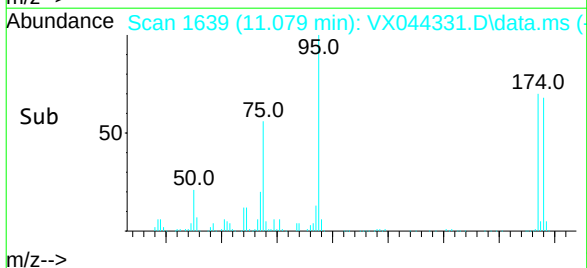
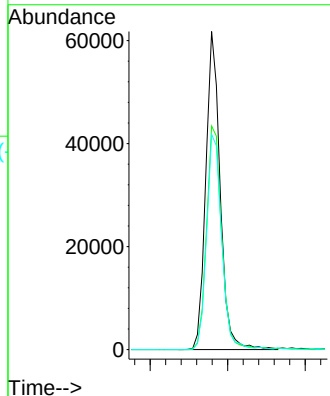
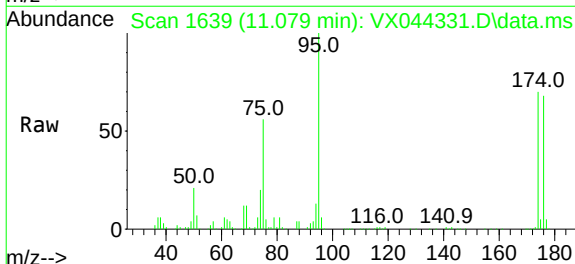
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20241210

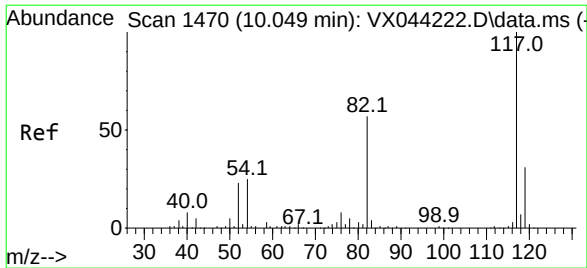
Tgt Ion: 97	Resp: 844
Ion Ratio	Lower Upper
97 100	
83 91.2	65.3 97.9
85 103.6	44.6 67.0#
99 39.8	50.2 75.2#



#62
4-Bromofluorobenzene
Concen: 47.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044331.D
Acq: 16 Dec 2024 18:03

Tgt Ion: 95	Resp: 79560
Ion Ratio	Lower Upper
95 100	
174 74.6	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: VX044331.D

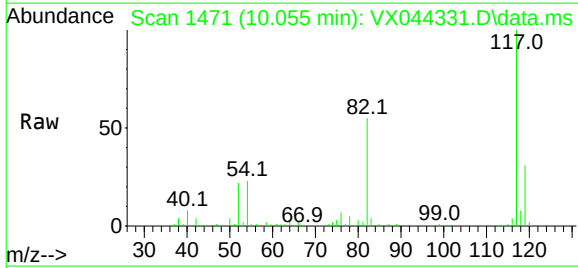
Acq: 16 Dec 2024 18:03

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20241210



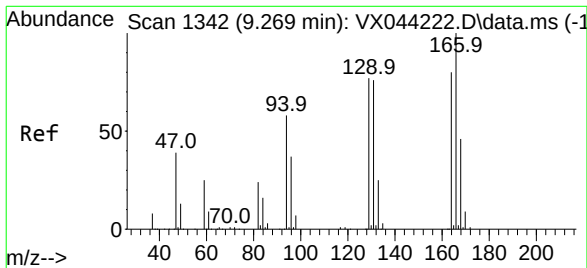
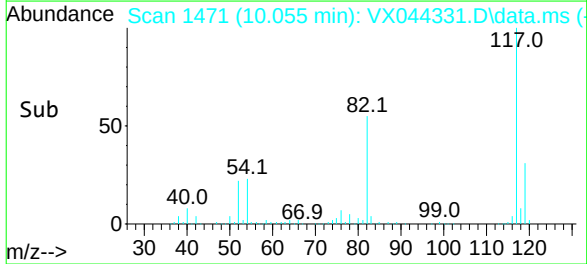
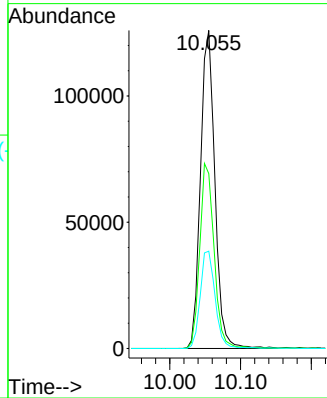
Tgt Ion:117 Resp: 178249

Ion Ratio Lower Upper

117 100

82 55.0 45.8 68.8

119 30.6 25.0 37.4



#64

Tetrachloroethene

Concen: 9.092 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044331.D

Acq: 16 Dec 2024 18:03

Tgt Ion:164 Resp: 10756

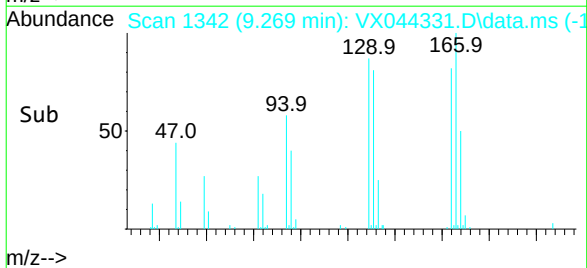
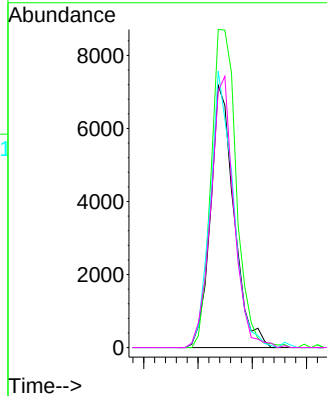
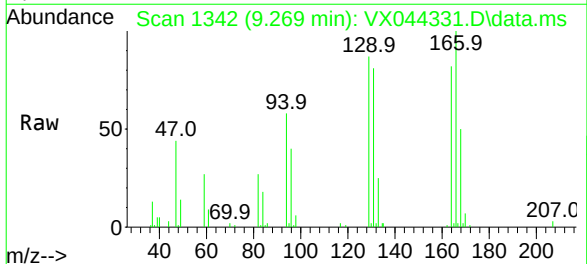
Ion Ratio Lower Upper

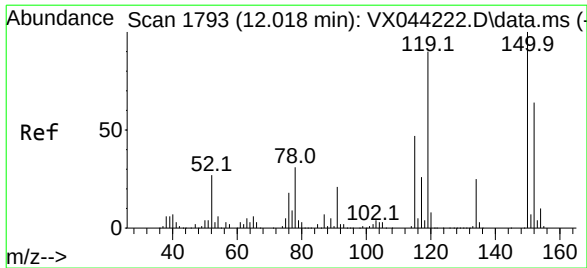
164 100

166 121.3 100.4 150.6

129 105.4 77.2 115.8

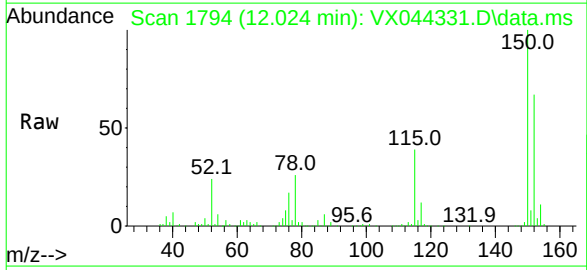
131 98.0 76.2 114.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VX044331.D
 Acq: 16 Dec 2024 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20241210



Tgt Ion:	152	Resp:	70182
Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.5	133.3
150	158.1	0.0	353.8

