

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044252.D
 Acq On : 12 Dec 2024 15:09
 Operator : JC/MD
 Sample : P5261-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20241209

Quant Time: Dec 13 01:41:52 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)

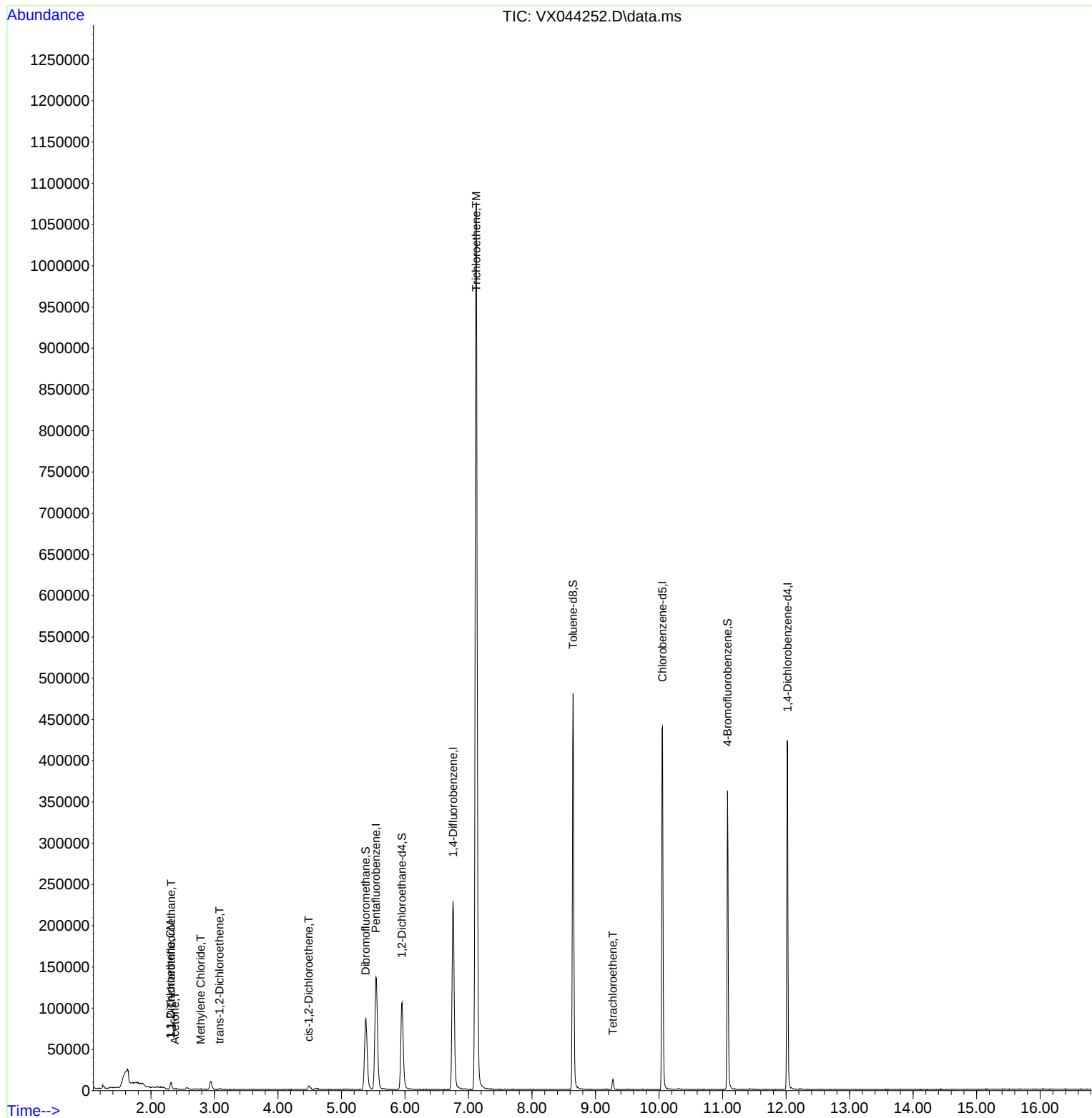
Internal Standards						
1) Pentafluorobenzene	5.544	168	118608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104813	50.401	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.800%	
35) Dibromofluoromethane	5.379	113	75423	48.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.400%	
50) Toluene-d8	8.647	98	275060	52.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	11.079	95	91071	49.372	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.740%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	2741	1.894	ug/l	96
12) 1,1-Dichloroethene	2.306	96	566	0.426	ug/l #	79
16) Acetone	2.380	43	926	1.092	ug/l #	79
20) Methylene Chloride	2.782	84	482	0.303	ug/l #	64
21) trans-1,2-Dichloroethene	3.081	96	562	0.398	ug/l #	33
27) cis-1,2-Dichloroethene	4.483	96	2700	1.505	ug/l	80
44) Trichloroethene	7.123	130	395453	258.228	ug/l	96
64) Tetrachloroethene	9.275	164	2054	1.572	ug/l #	81

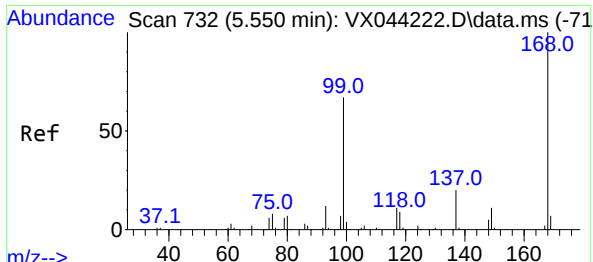
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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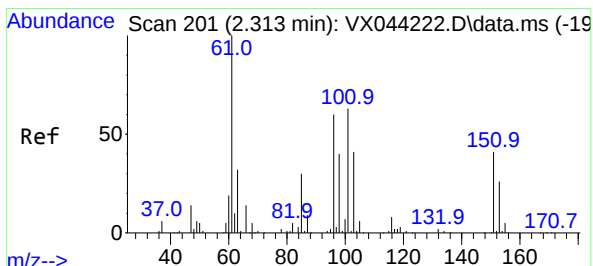
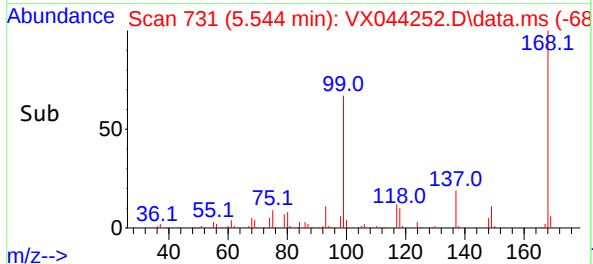
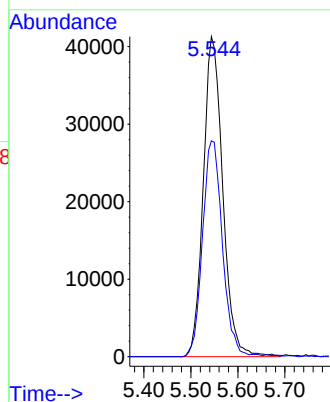
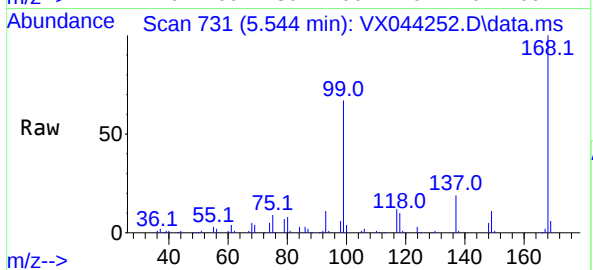




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

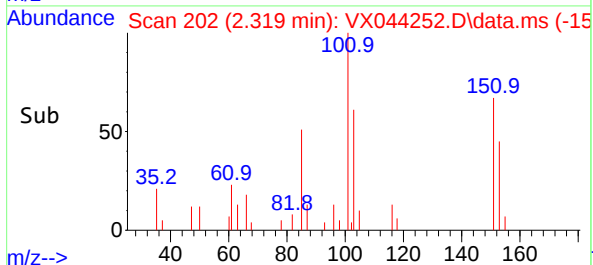
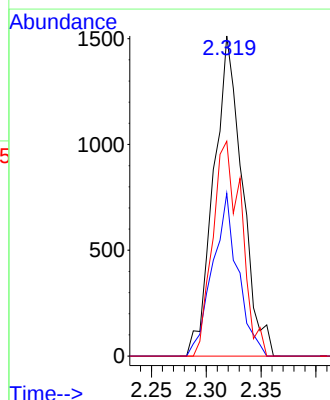
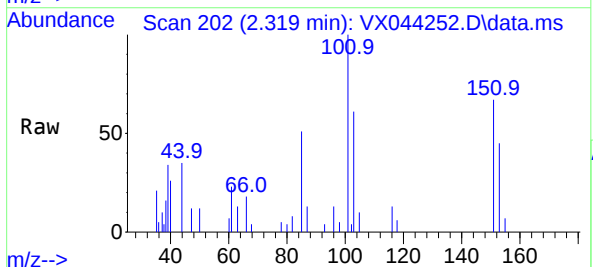
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20241209

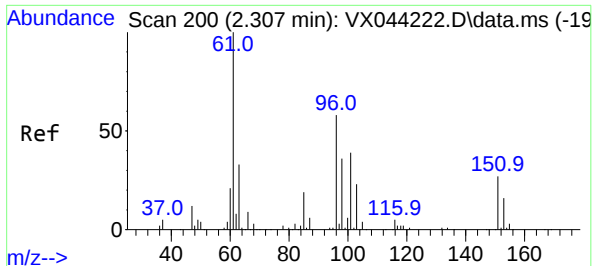
Tgt Ion:168 Resp: 118608
Ion Ratio Lower Upper
168 100
99 67.5 53.4 80.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.894 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

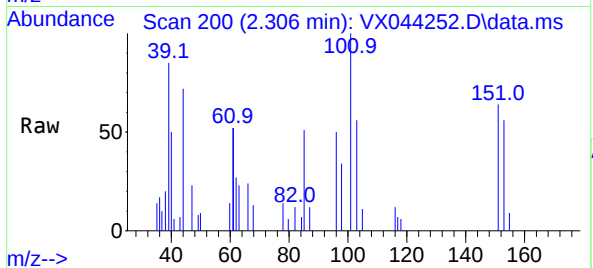
Tgt Ion:101 Resp: 2741
Ion Ratio Lower Upper
101 100
85 45.1 38.5 57.7
151 67.3 55.8 83.6



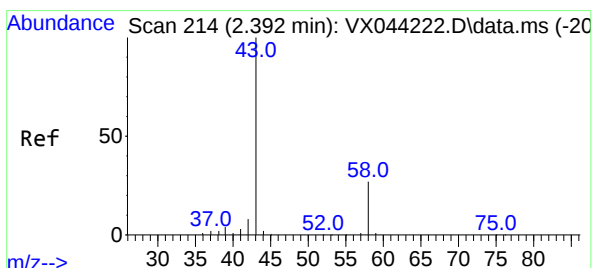
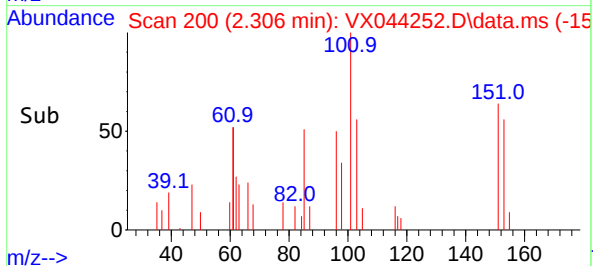
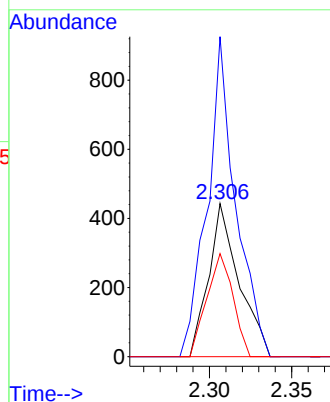


#12
1,1-Dichloroethene
Concen: 0.426 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20241209

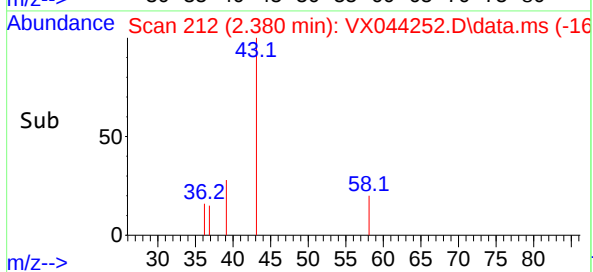
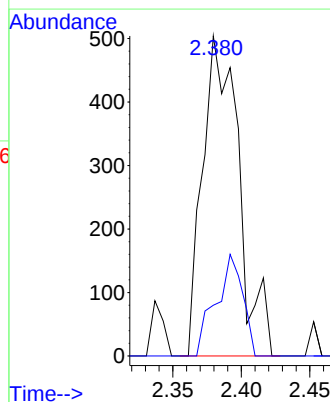
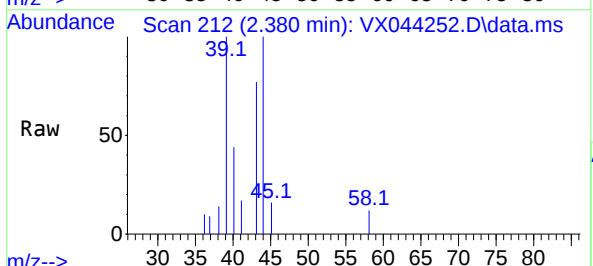


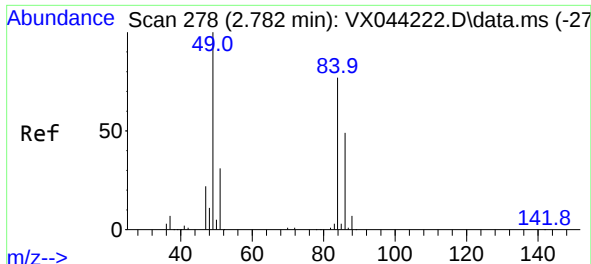
Tgt Ion: 96 Resp: 566
Ion Ratio Lower Upper
96 100
61 209.0 138.0 207.0#
98 67.3 50.0 75.0



#16
Acetone
Concen: 1.092 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 15.9 21.6 32.4#



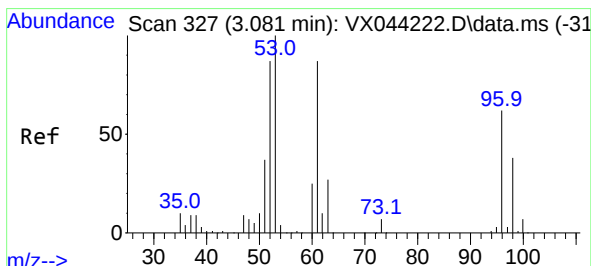
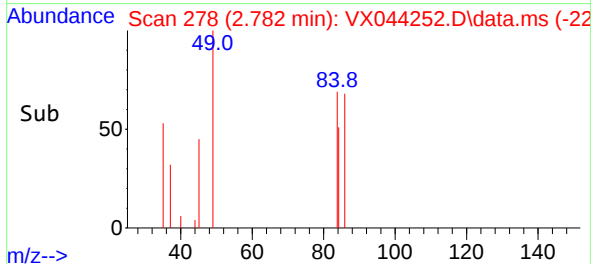
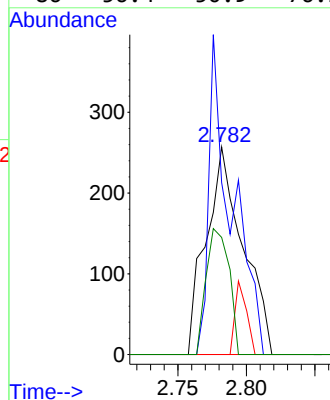
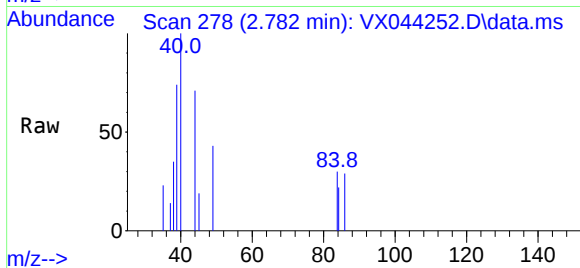


#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20241209

Tgt Ion: 84 Resp: 482

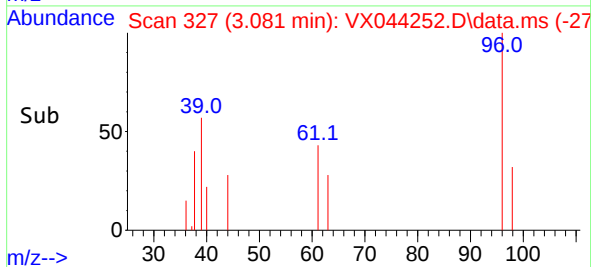
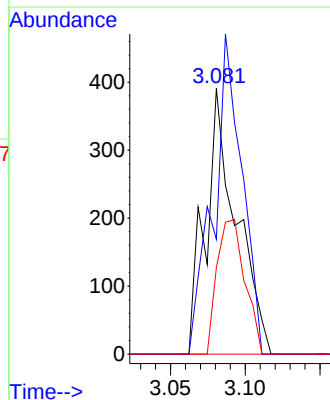
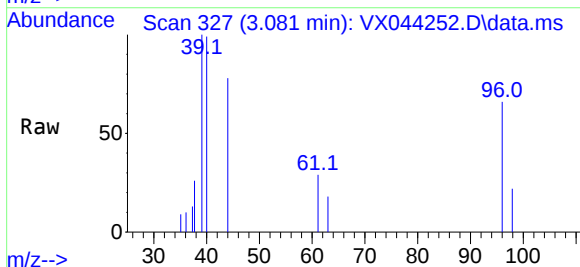
Ion	Ratio	Lower	Upper
84	100		
49	82.9	104.2	156.4#
51	0.0	32.2	48.4#
86	56.4	50.9	76.3

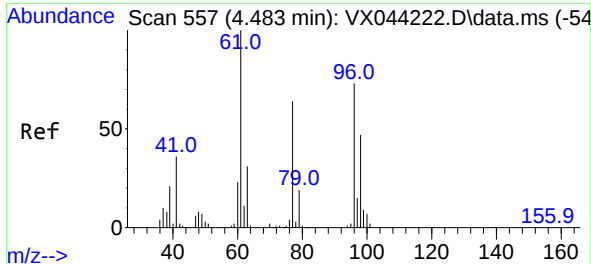


#21
trans-1,2-Dichloroethene
Concen: 0.398 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

Tgt Ion: 96 Resp: 562

Ion	Ratio	Lower	Upper
96	100		
61	43.2	112.0	168.0#
98	32.5	48.8	73.2#

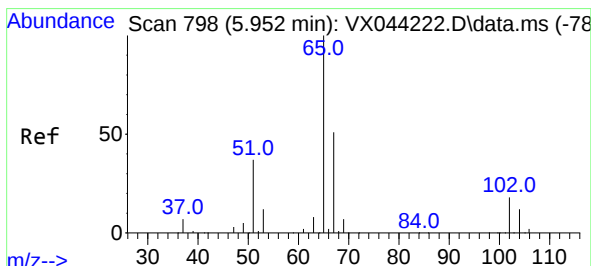
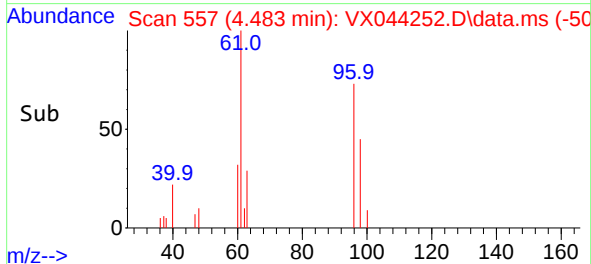
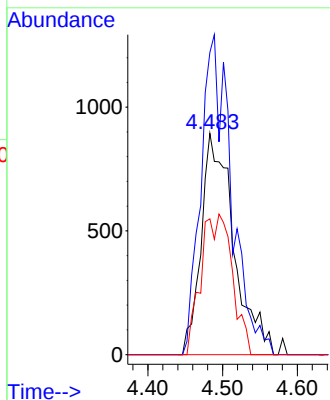
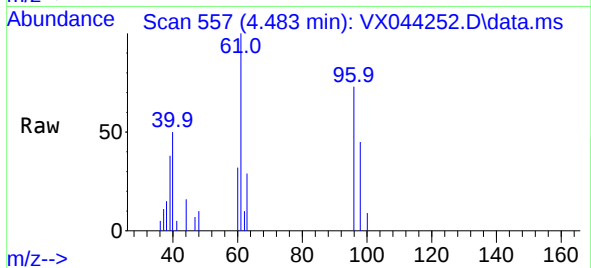




#27
cis-1,2-Dichloroethene
Concen: 1.505 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

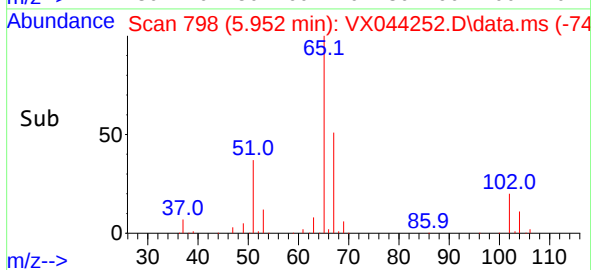
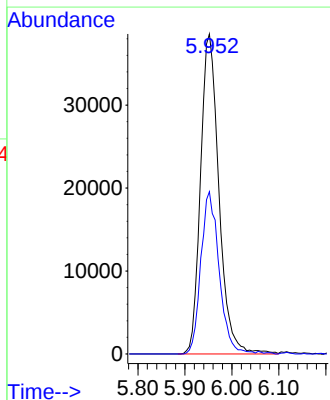
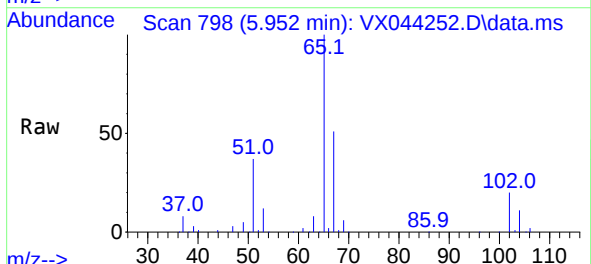
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20241209

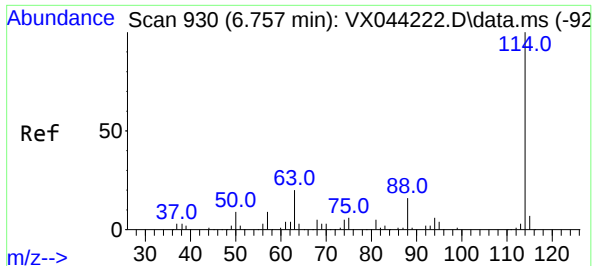
Tgt Ion: 96 Resp: 2700
Ion Ratio Lower Upper
96 100
61 136.4 0.0 299.0
98 29.9 0.0 129.0



#33
1,2-Dichloroethane-d4
Concen: 50.401 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

Tgt Ion: 65 Resp: 104813
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6

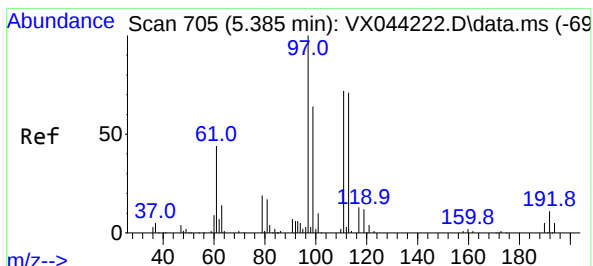
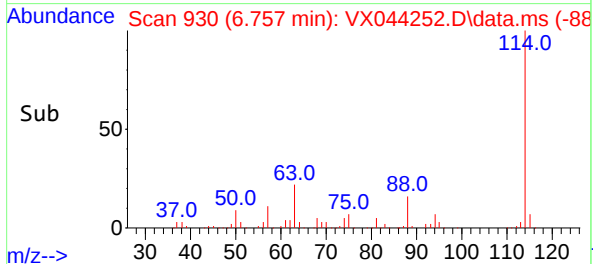
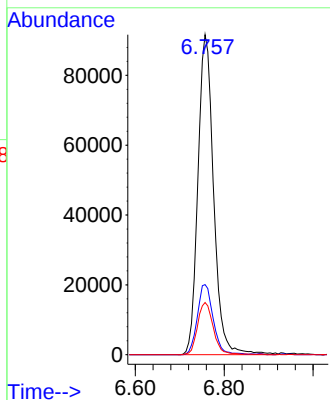
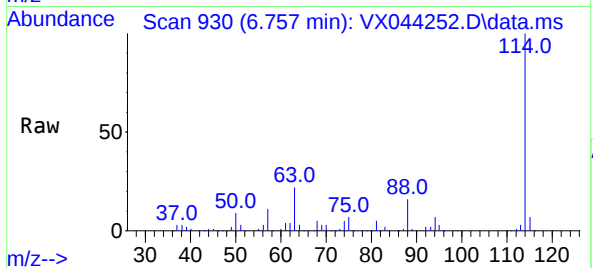




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

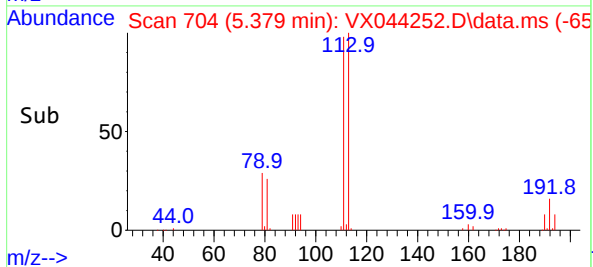
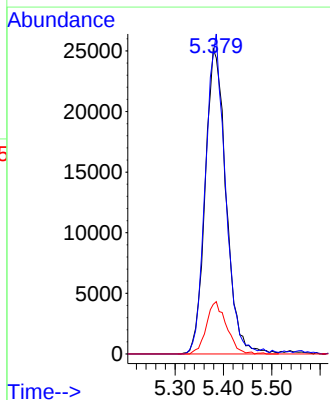
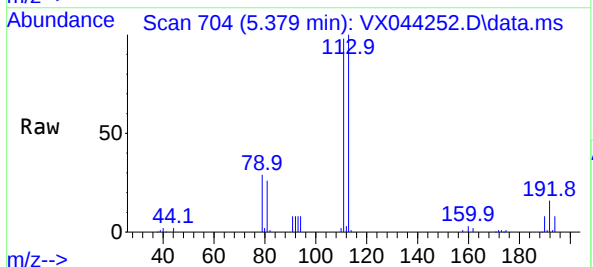
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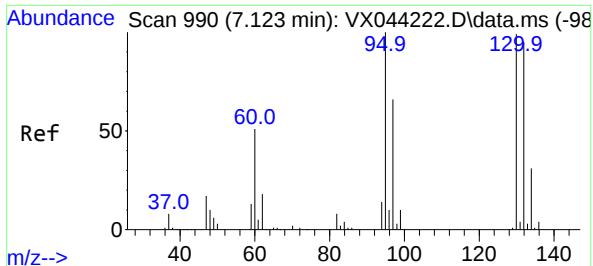
Tgt Ion:114 Resp: 225924
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.6
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.202 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

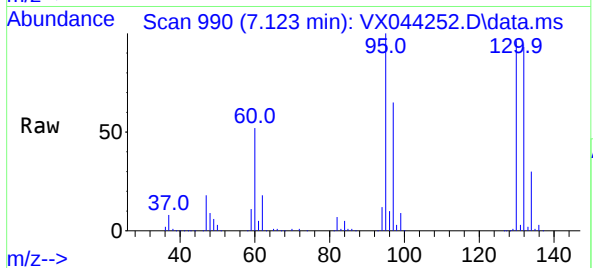
Tgt Ion:113 Resp: 75423
Ion Ratio Lower Upper
113 100
111 99.8 80.4 120.6
192 16.5 13.3 19.9



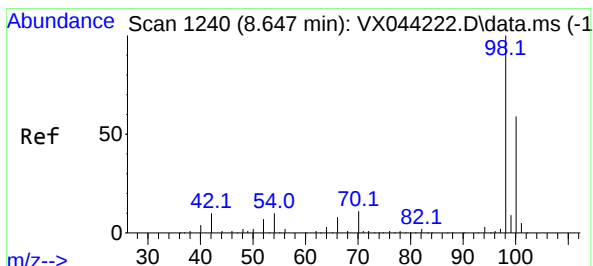
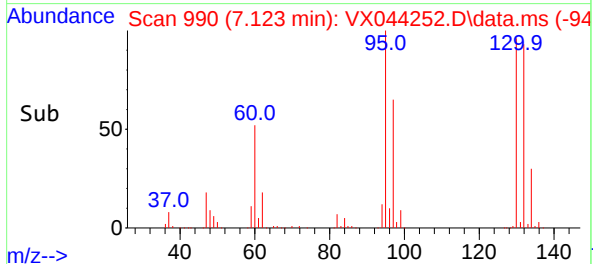
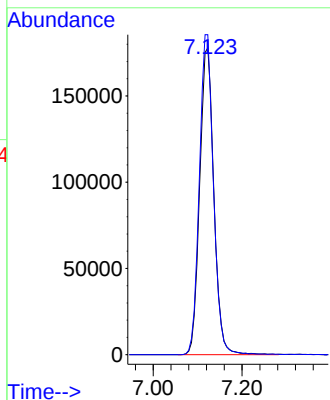


#44
Trichloroethene
Concen: 258.228 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20241209

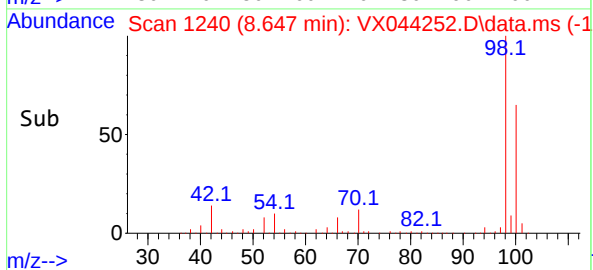
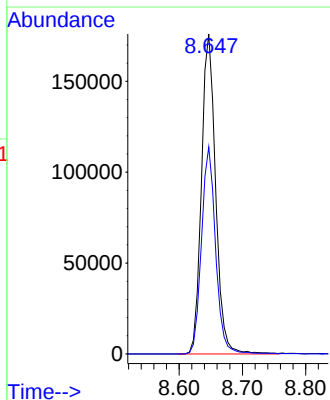
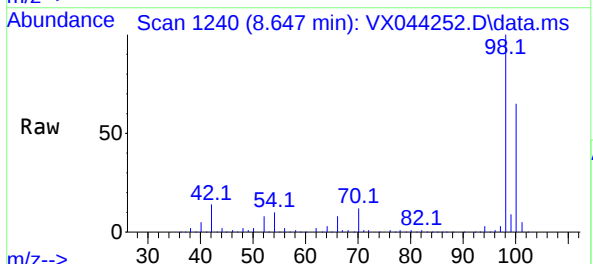


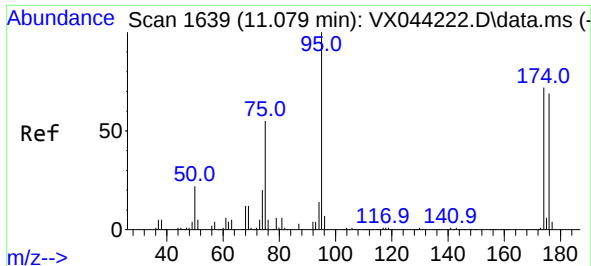
Tgt Ion:130 Resp: 395453
Ion Ratio Lower Upper
130 100
95 104.3 0.0 201.4



#50
Toluene-d8
Concen: 52.105 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

Tgt Ion: 98 Resp: 275060
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

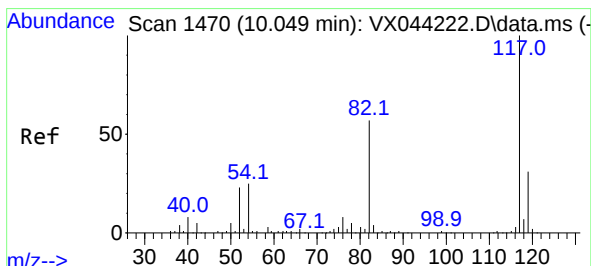
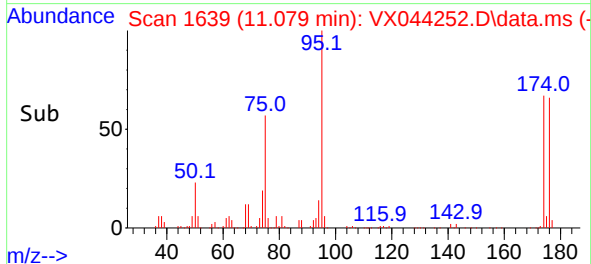
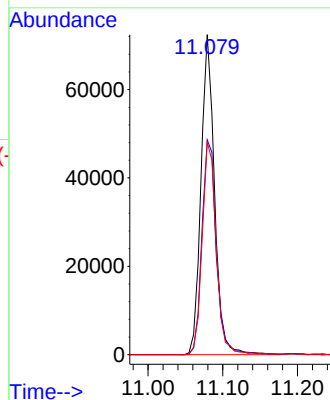
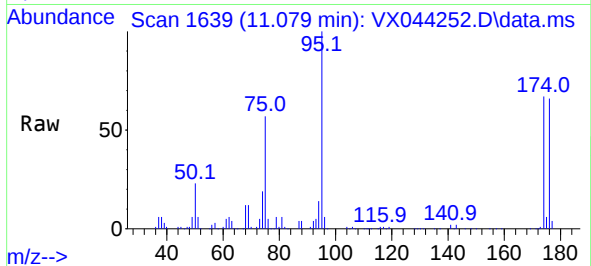




#62
4-Bromofluorobenzene
Concen: 49.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

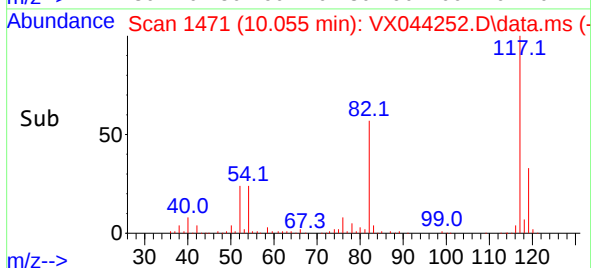
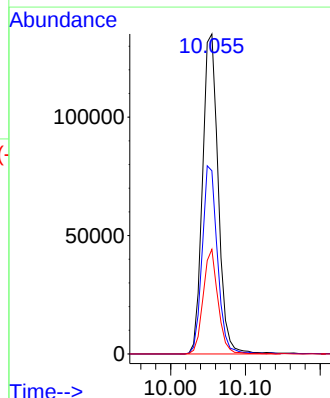
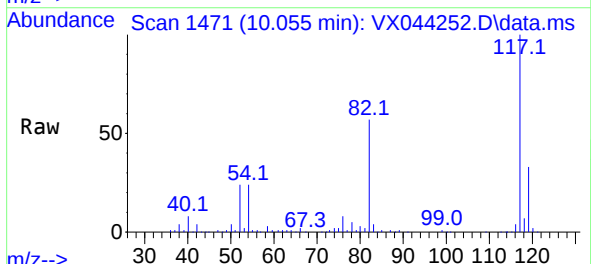
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20241209

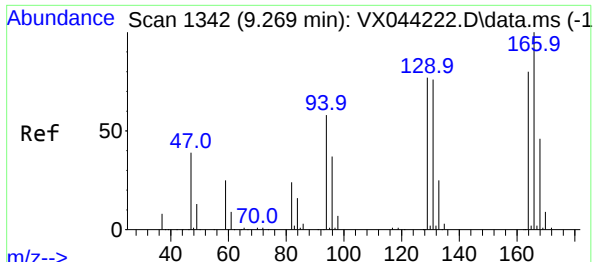
Tgt Ion: 95 Resp: 91071
Ion Ratio Lower Upper
95 100
174 71.5 0.0 145.8
176 68.9 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044252.D
Acq: 12 Dec 2024 15:09

Tgt Ion: 117 Resp: 196920
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.8
119 32.7 25.0 37.4





#64

Tetrachloroethene

Concen: 1.572 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044252.D

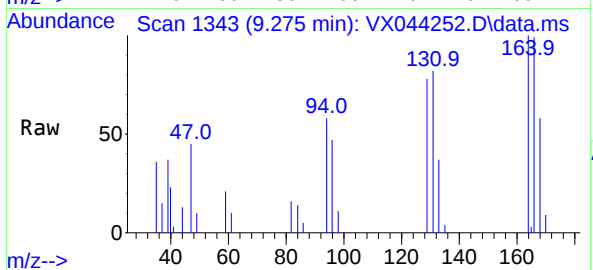
Acq: 12 Dec 2024 15:09

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20241209



Tgt Ion:164 Resp: 2054

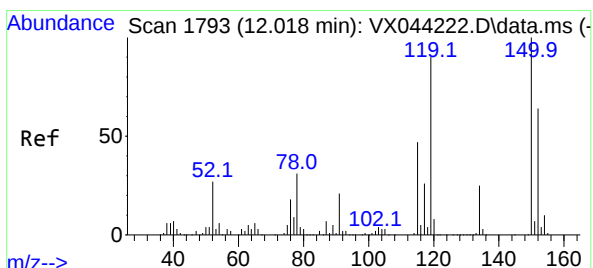
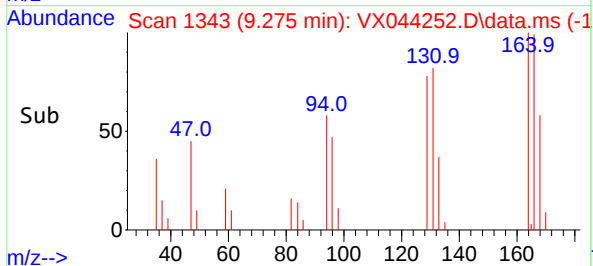
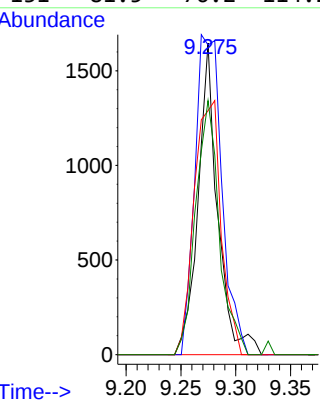
Ion Ratio Lower Upper

164 100

166 99.4 100.4 150.6#

129 78.3 77.2 115.8

131 81.5 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: VX044252.D

Acq: 12 Dec 2024 15:09

Tgt Ion:152 Resp: 82721

Ion Ratio Lower Upper

152 100

115 63.2 44.5 133.3

150 157.9 0.0 353.8

