

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044552.D
 Acq On : 30 Dec 2024 18:28
 Operator : JC/MD
 Sample : P5376-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20241218

Quant Time: Dec 31 00:35:14 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)

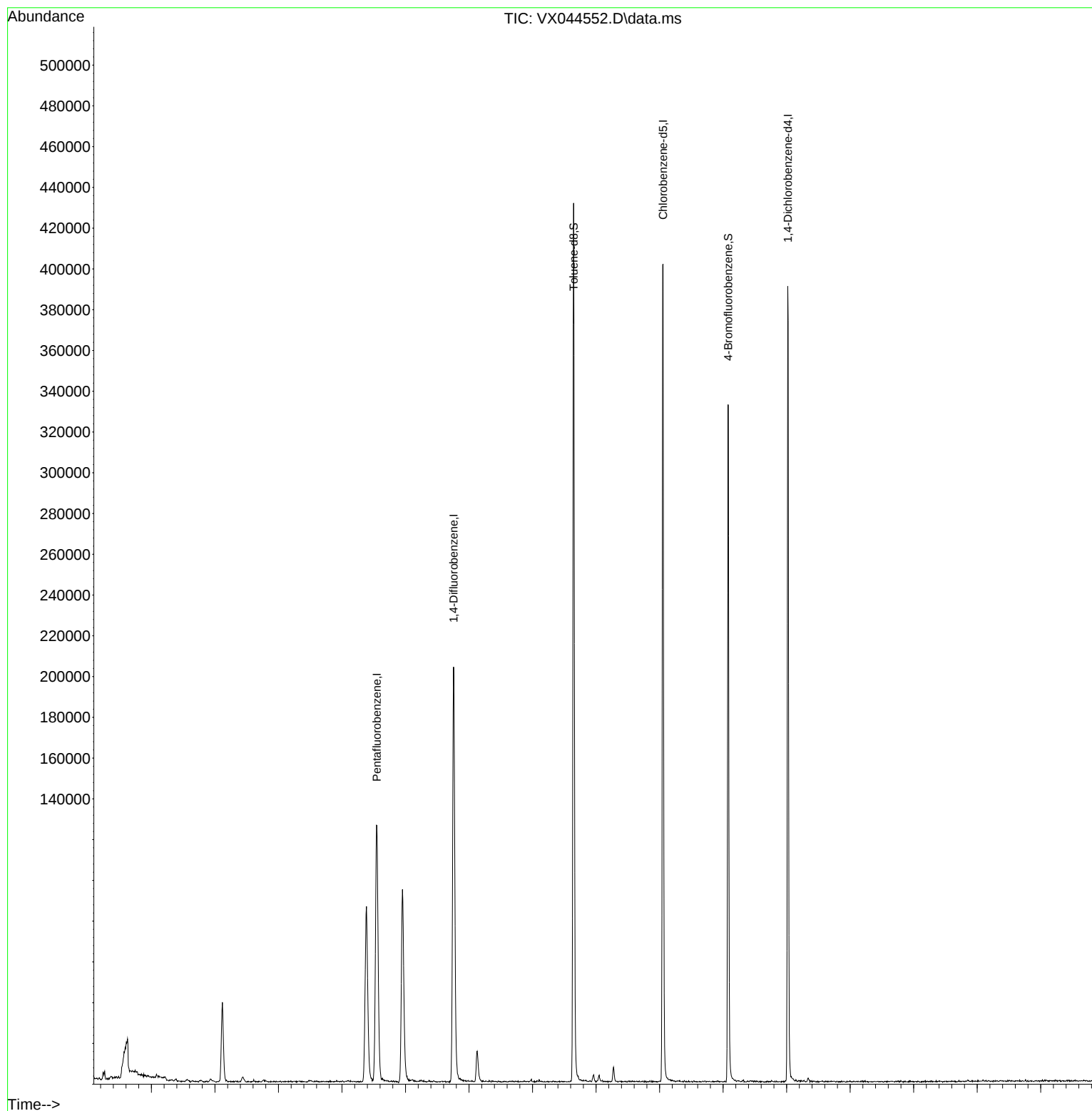
Internal Standards						
1) Pentafluorobenzene	5.550	168	121289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92116	43.316	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.640%		
35) Dibromofluoromethane	5.385	113	72576	50.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.160%		
50) Toluene-d8	8.647	98	255239	52.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.400%		
62) 4-Bromofluorobenzene	11.079	95	85478	50.031	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.060%		
Target Compounds						
16) Acetone	2.386	43	886	1.022	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	39855	7.512	ug/l	97
44) Trichloroethene	7.129	130	5957	4.200	ug/l	99
64) Tetrachloroethene	9.275	164	1442	1.170	ug/l #	79

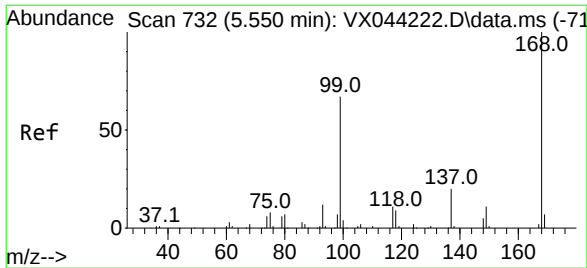
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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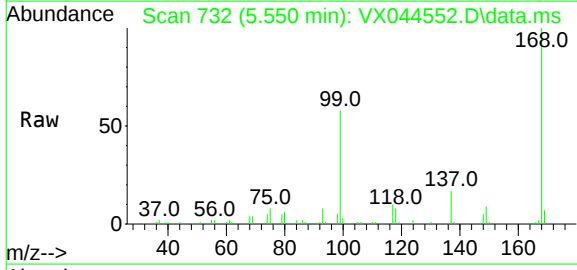
Quant Time: Dec 31 00:35:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



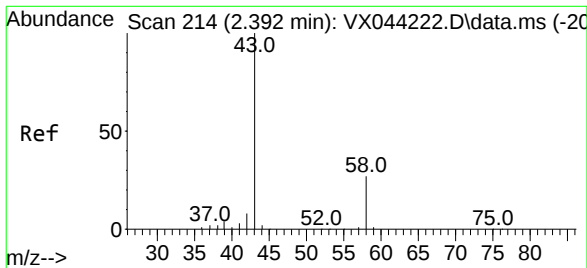
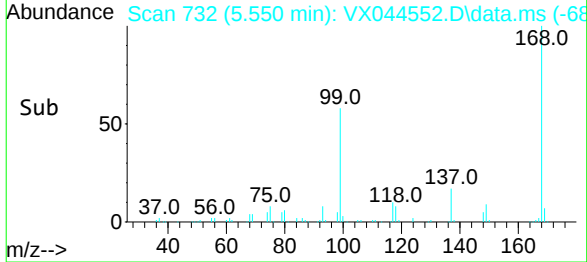
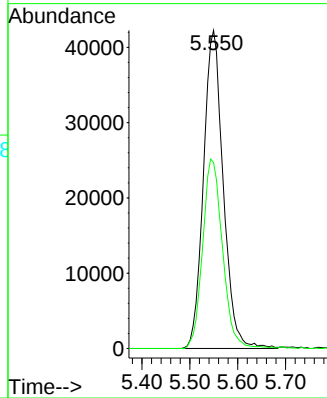


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044552.D
Acq: 30 Dec 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20241218

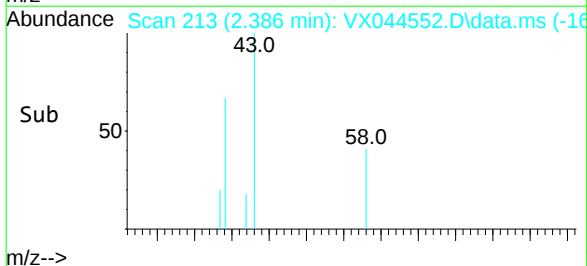
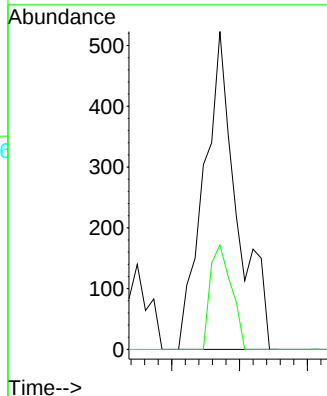
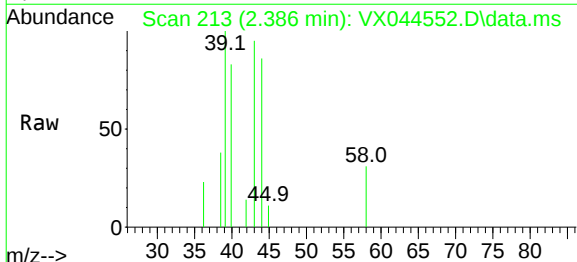


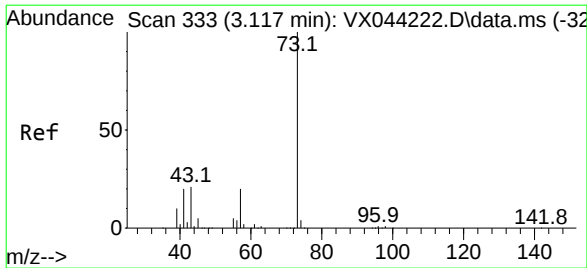
Tgt Ion:168 Resp: 121289
Ion Ratio Lower Upper
168 100
99 58.5 53.4 80.0



#16
Acetone
Concen: 1.022 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044552.D
Acq: 30 Dec 2024 18:28

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 32.9 21.6 32.4#

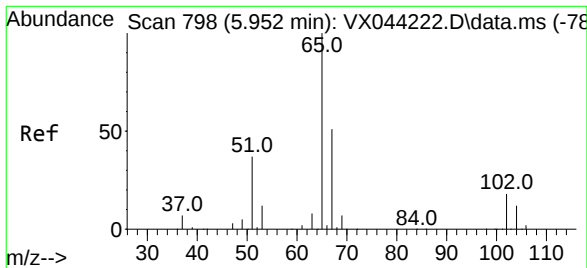
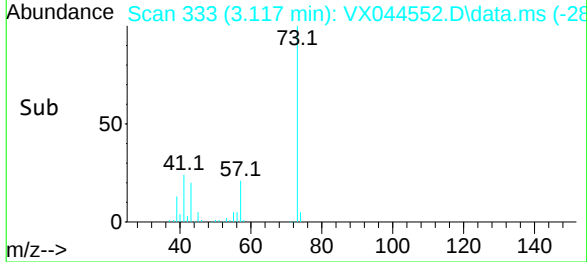
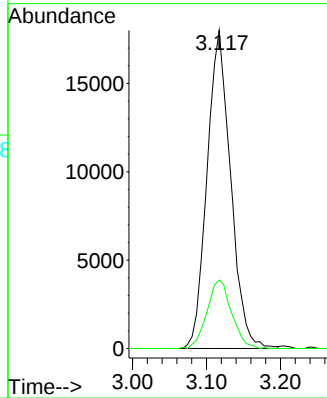
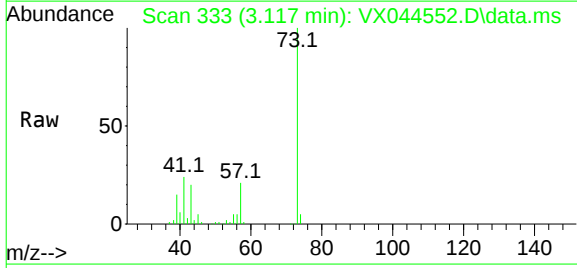




#19
Methyl tert-butyl Ether
Concen: 7.512 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044552.D
Acq: 30 Dec 2024 18:28

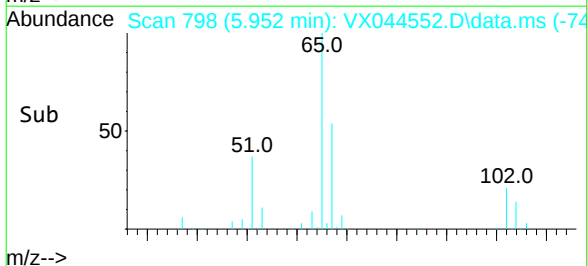
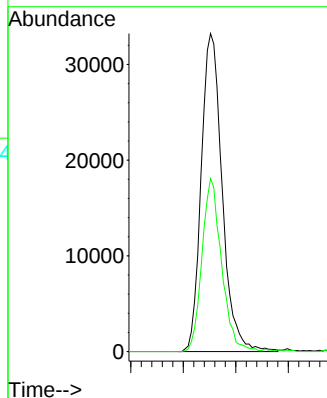
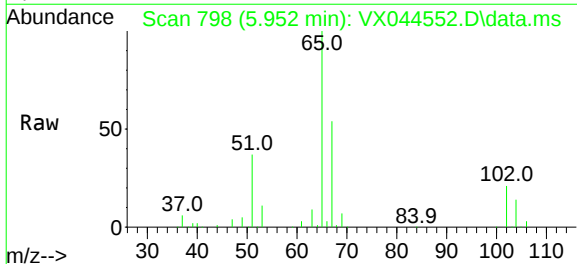
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20241218

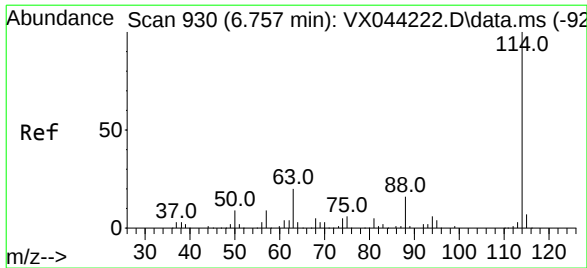
Tgt Ion: 73 Resp: 39855
Ion Ratio Lower Upper
73 100
57 21.5 16.2 24.4



#33
1,2-Dichloroethane-d4
Concen: 43.316 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044552.D
Acq: 30 Dec 2024 18:28

Tgt Ion: 65 Resp: 92116
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6

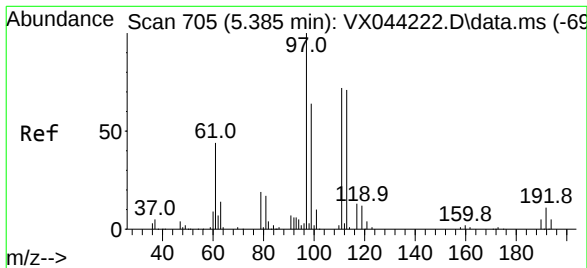
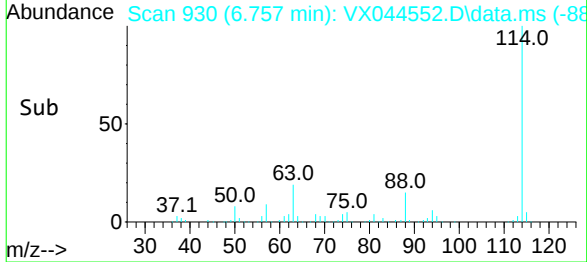
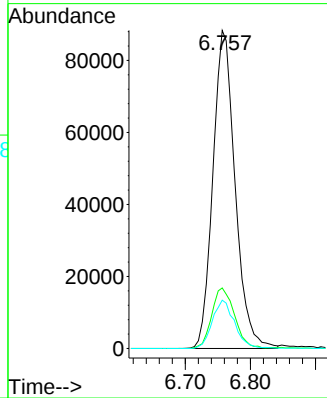
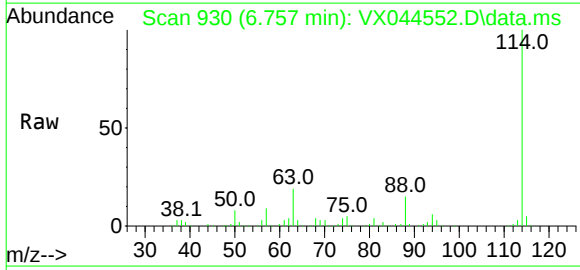




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044552.D
Acq: 30 Dec 2024 18:28

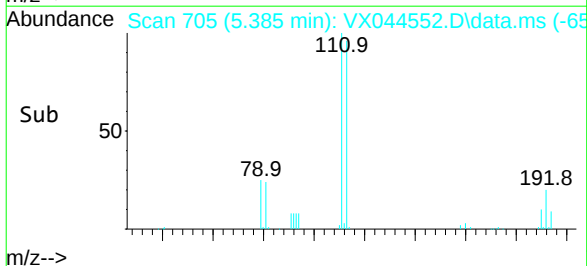
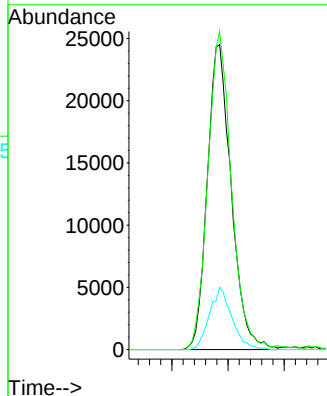
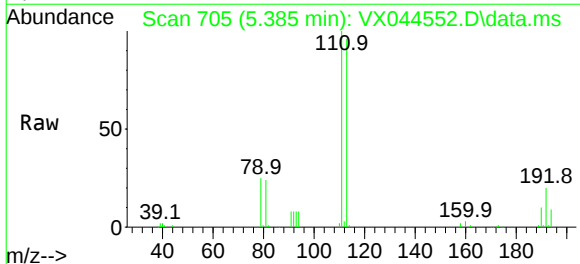
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20241218

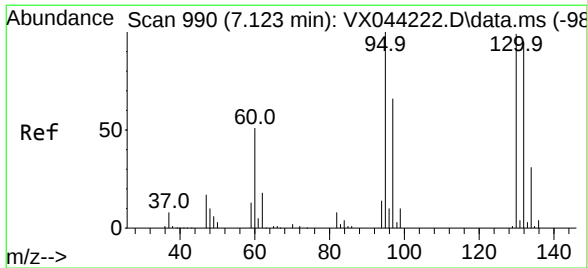
Tgt Ion:	114	Resp:	209255
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.6
88	15.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 50.077 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044552.D
Acq: 30 Dec 2024 18:28

Tgt Ion:	113	Resp:	72576
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.4	120.6
192	19.2	13.3	19.9





#44

Trichloroethene

Concen: 4.200 ug/l

RT: 7.129 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX044552.D

Acq: 30 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

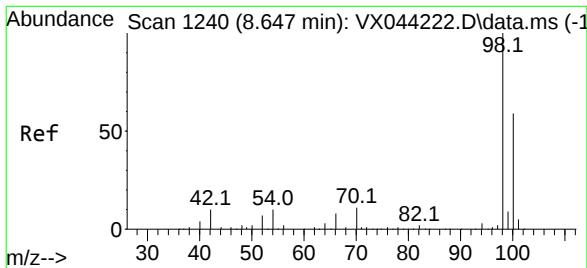
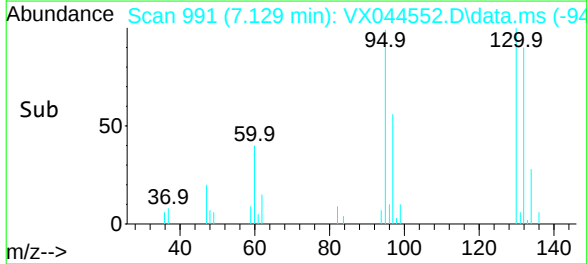
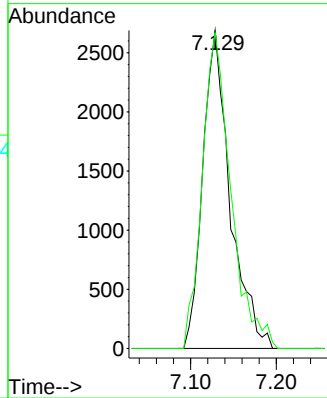
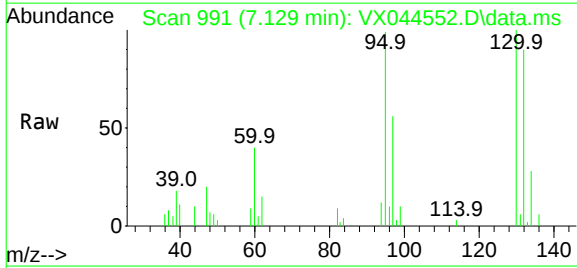
TT149S1-20241218

Tgt Ion:130 Resp: 5957

Ion Ratio Lower Upper

130 100

95 99.3 0.0 201.4



#50

Toluene-d8

Concen: 52.202 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044552.D

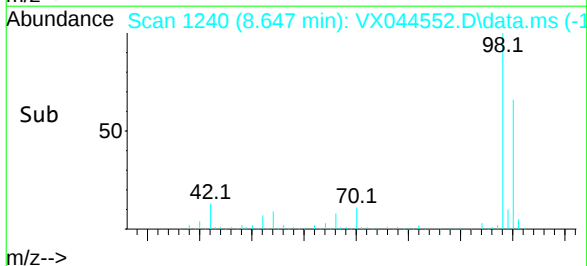
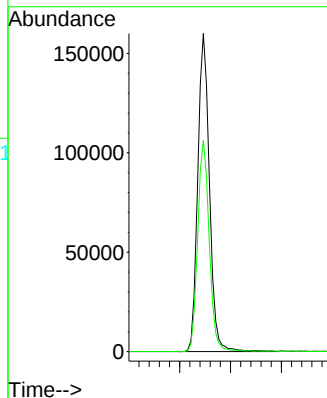
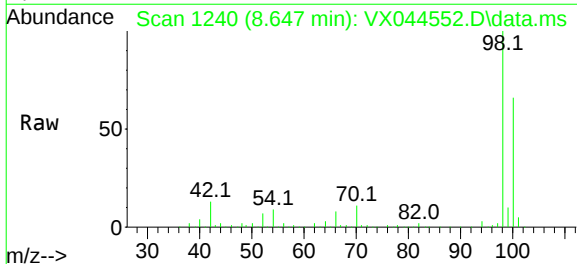
Acq: 30 Dec 2024 18:28

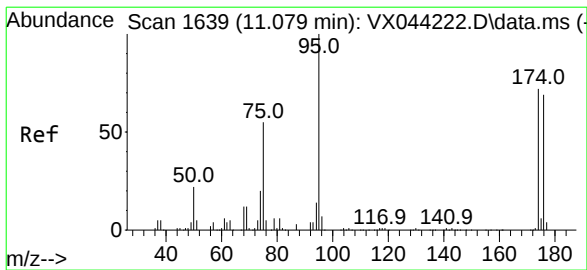
Tgt Ion: 98 Resp: 255239

Ion Ratio Lower Upper

98 100

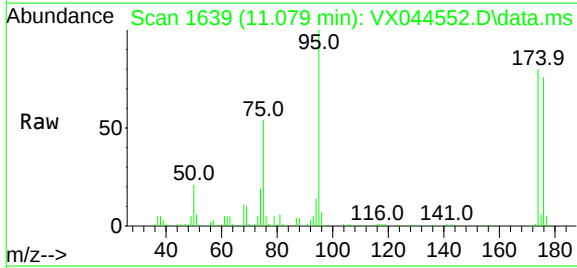
100 65.9 51.5 77.3



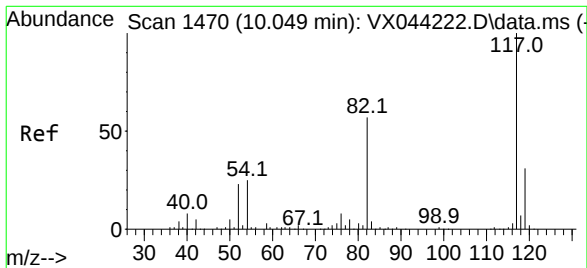
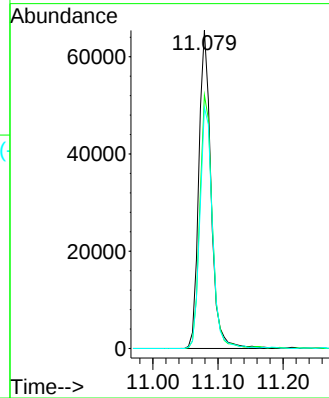
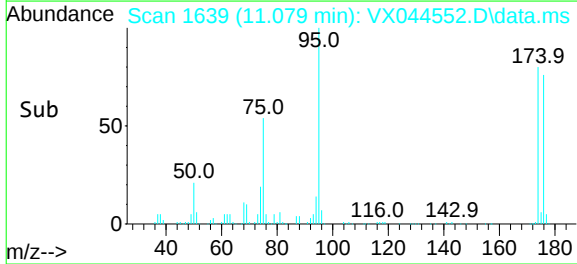


#62
4-Bromofluorobenzene
Concen: 50.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044552.D
Acq: 30 Dec 2024 18:28

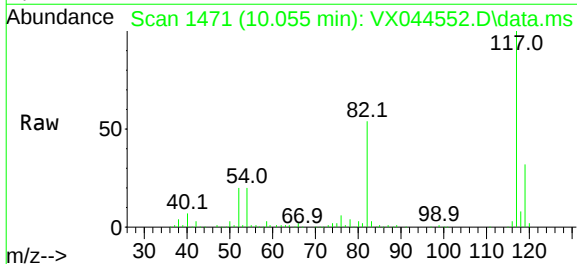
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20241218



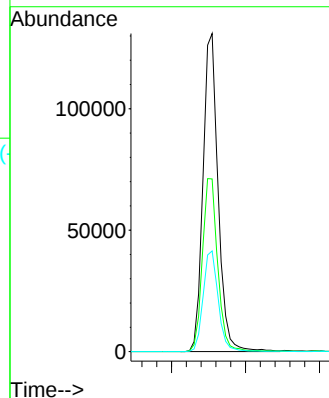
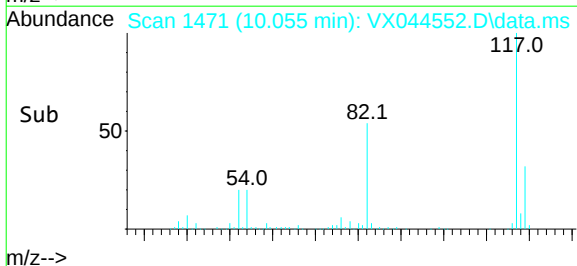
Tgt Ion: 95 Resp: 85478
Ion Ratio Lower Upper
95 100
174 80.8 0.0 145.8
176 78.0 0.0 137.8

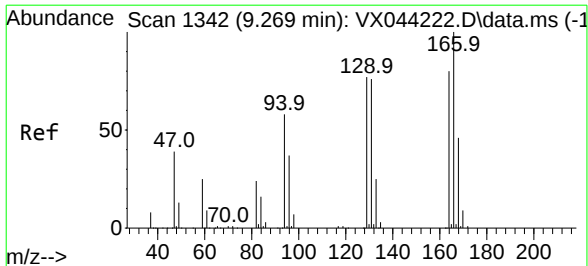


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044552.D
Acq: 30 Dec 2024 18:28



Tgt Ion: 117 Resp: 185772
Ion Ratio Lower Upper
117 100
82 54.3 45.8 68.8
119 31.7 25.0 37.4





#64

Tetrachloroethene

Concen: 1.170 ug/l

RT: 9.275 min Scan# 13

Delta R.T. 0.006 min

Lab File: VX044552.D

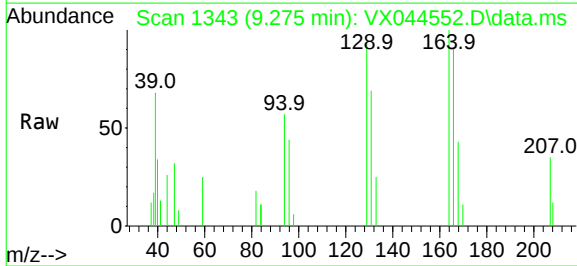
Acq: 30 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

TT149S1-20241218



Tgt Ion:164 Resp: 1442

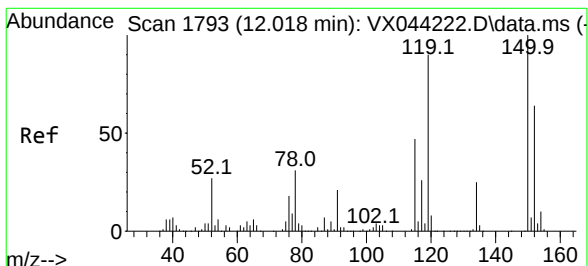
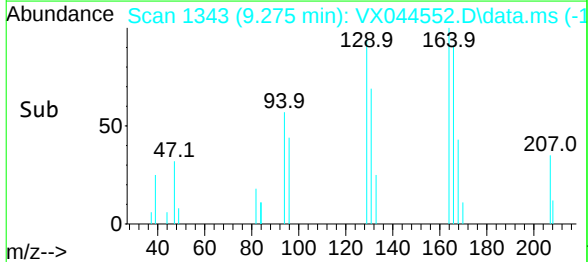
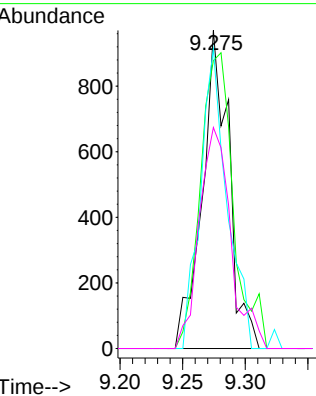
Ion Ratio Lower Upper

164 100

166 90.5 100.4 150.6#

129 94.2 77.2 115.8

131 69.5 76.2 114.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044552.D

Acq: 30 Dec 2024 18:28

Tgt Ion:152 Resp: 82258

Ion Ratio Lower Upper

152 100

115 58.3 44.5 133.3

150 154.3 0.0 353.8

