

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044410.D
 Acq On : 19 Dec 2024 03:44
 Operator : JC/MD
 Sample : P5317-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20241217

Quant Time: Dec 19 05:10:11 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)

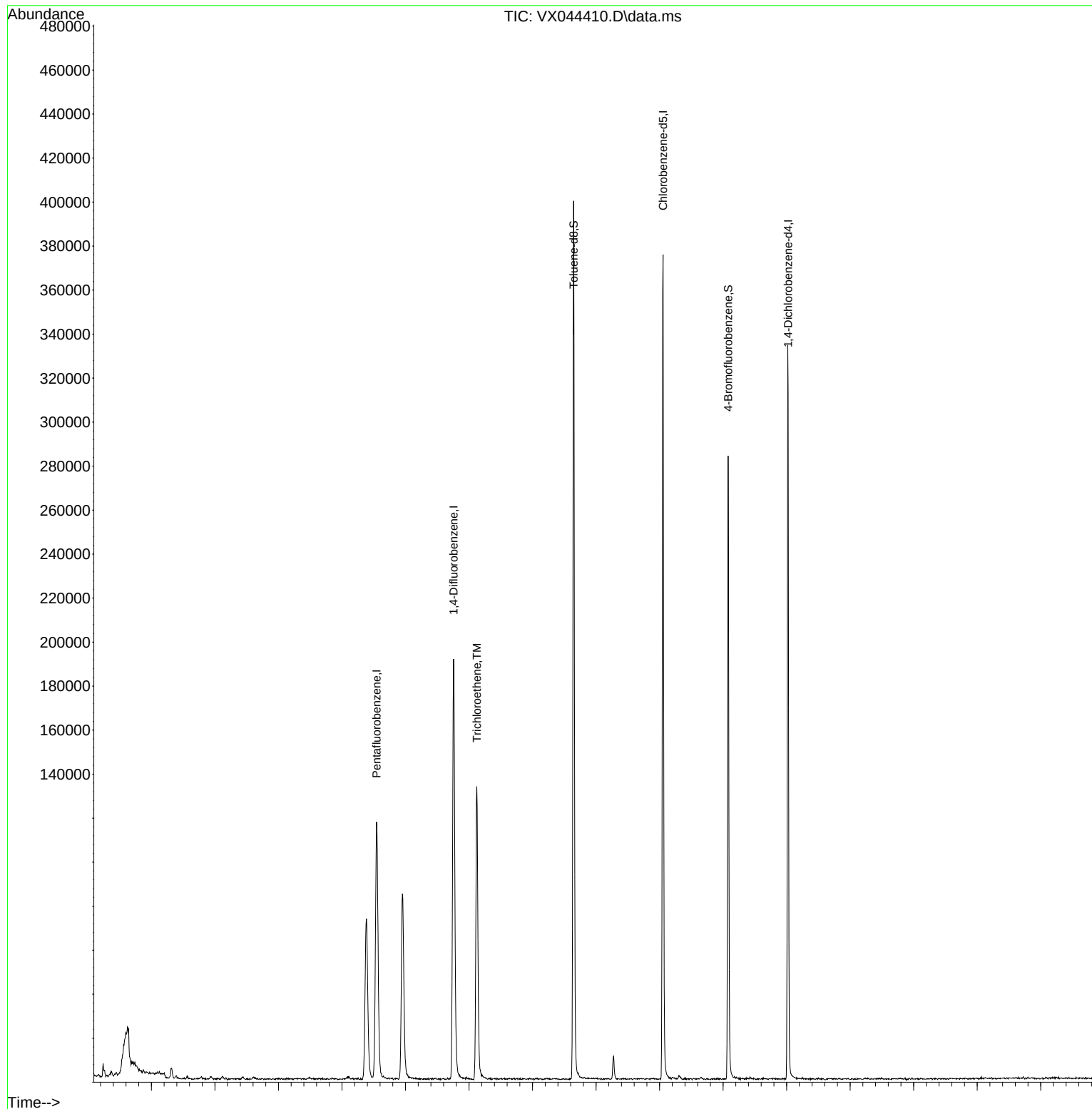
Internal Standards						
1) Pentafluorobenzene	5.544	168	106531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	190393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85005	45.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.020%		
35) Dibromofluoromethane	5.385	113	63211	47.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.880%		
50) Toluene-d8	8.647	98	234127	52.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.260%		
62) 4-Bromofluorobenzene	11.079	95	74312	47.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.600%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.306	101	1648	1.268	ug/l	94
16) Acetone	2.392	43	1149	1.509	ug/l #	69
20) Methylene Chloride	2.788	84	353	0.247	ug/l #	74
44) Trichloroethene	7.123	130	50938	39.470	ug/l	99
64) Tetrachloroethene	9.281	164	2089	1.870	ug/l #	82

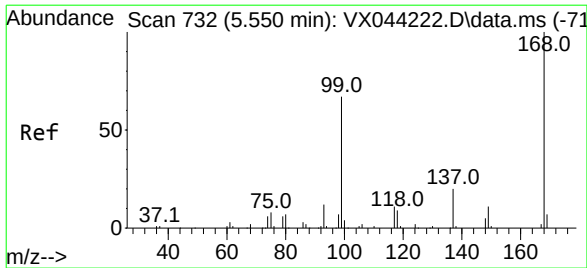
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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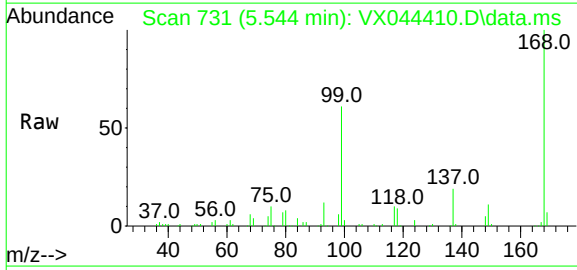
Quant Time: Dec 19 05:10:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



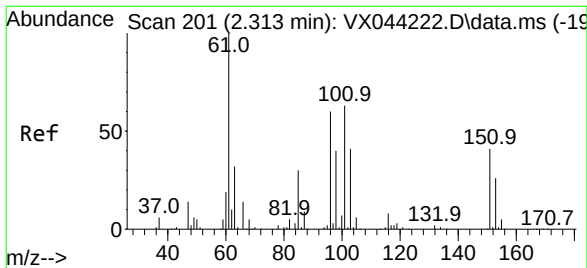
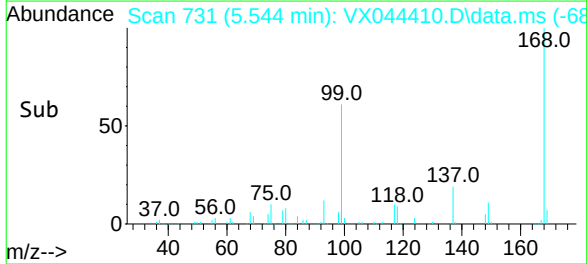
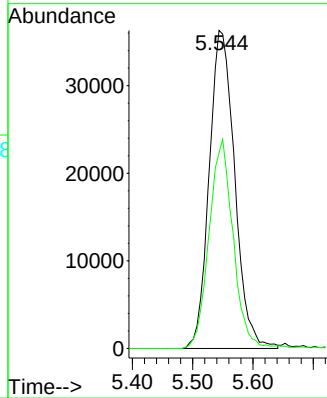


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044410.D
Acq: 19 Dec 2024 03:44

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20241217

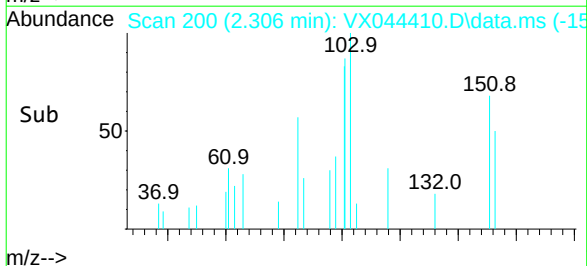
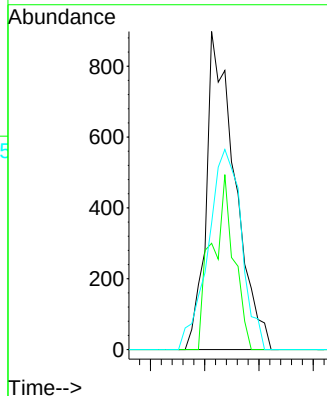
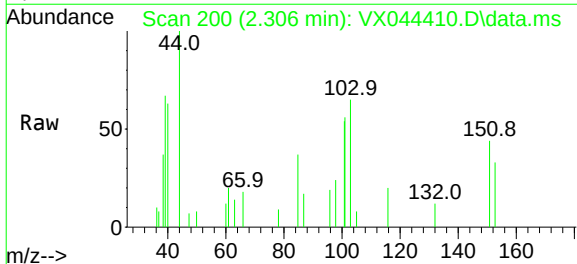


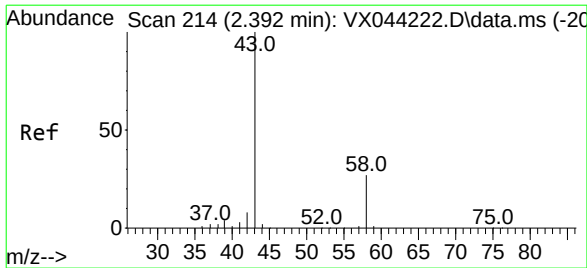
Tgt Ion:168 Resp: 106531
Ion Ratio Lower Upper
168 100
99 61.4 53.4 80.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.268 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044410.D
Acq: 19 Dec 2024 03:44

Tgt Ion:101 Resp: 1648
Ion Ratio Lower Upper
101 100
85 42.2 38.5 57.7
151 73.4 55.8 83.6





#16

Acetone

Concen: 1.509 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX044410.D

Acq: 19 Dec 2024 03:44

Instrument :

MSVOA_X

ClientSampleId :

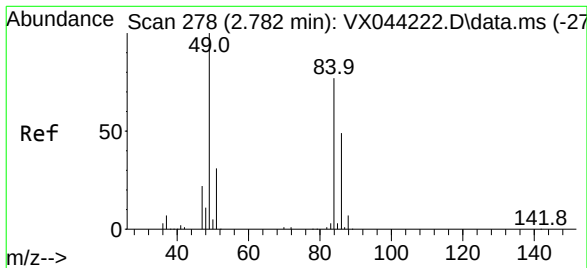
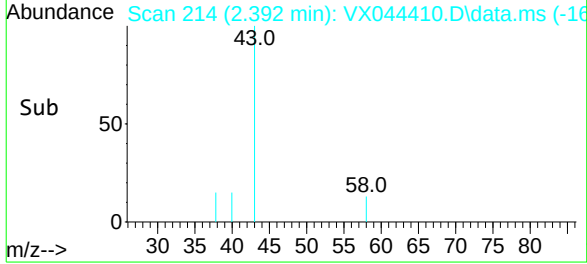
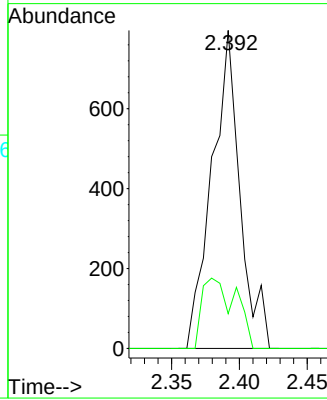
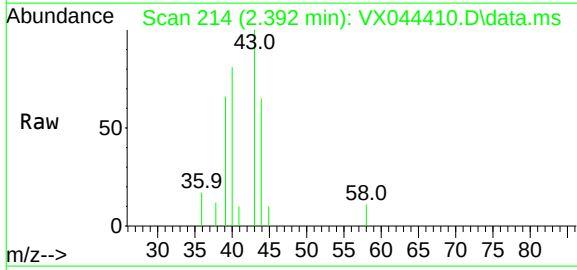
TT172S1-20241217

Tgt Ion: 43 Resp: 1149

Ion Ratio Lower Upper

43 100

58 10.9 21.6 32.4#



#20

Methylene Chloride

Concen: 0.247 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX044410.D

Acq: 19 Dec 2024 03:44

Tgt Ion: 84 Resp: 353

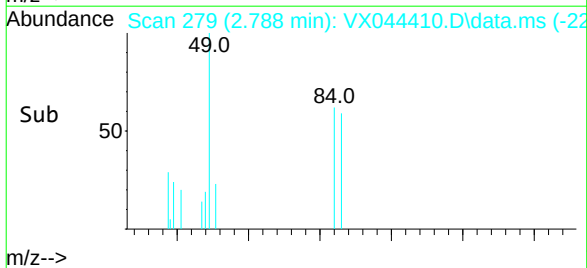
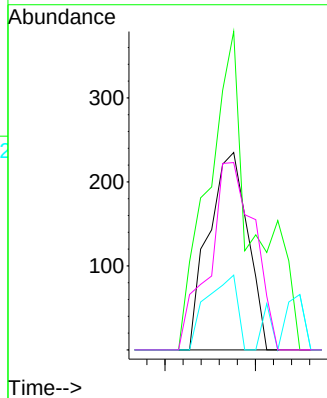
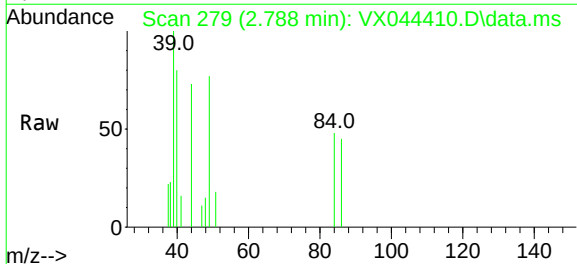
Ion Ratio Lower Upper

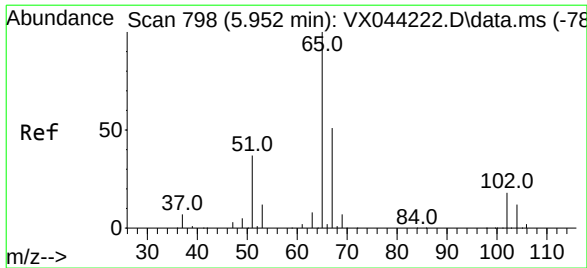
84 100

49 161.3 104.2 156.4#

51 37.9 32.2 48.4

86 94.9 50.9 76.3#

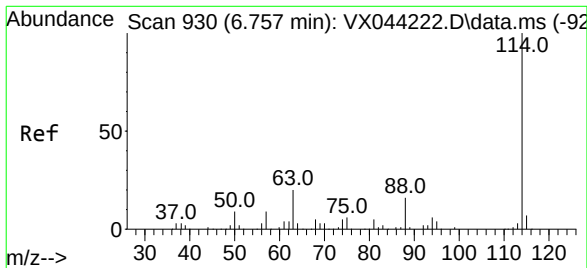
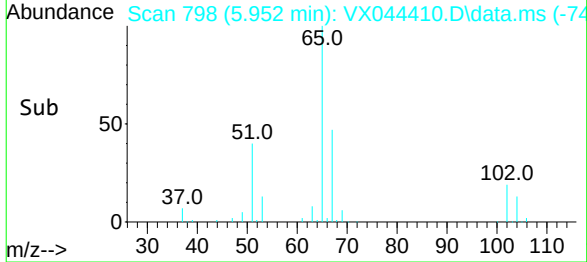
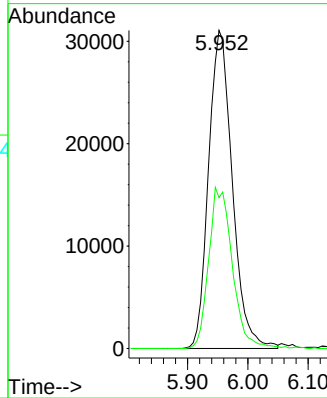
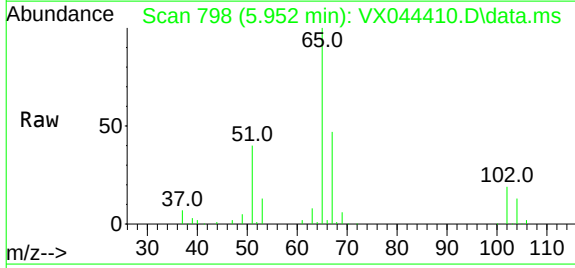




#33
1,2-Dichloroethane-d4
Concen: 45.510 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044410.D
Acq: 19 Dec 2024 03:44

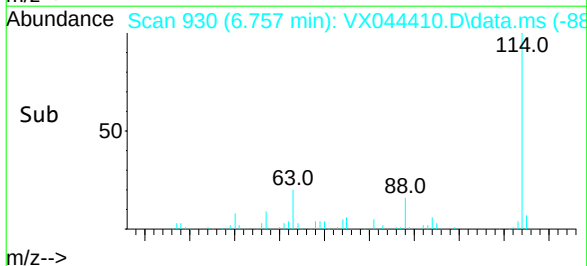
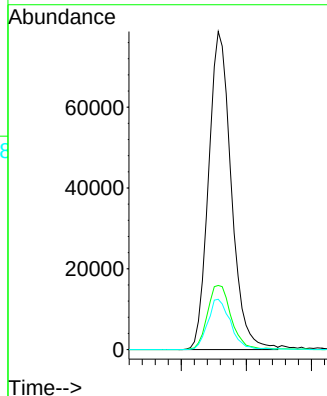
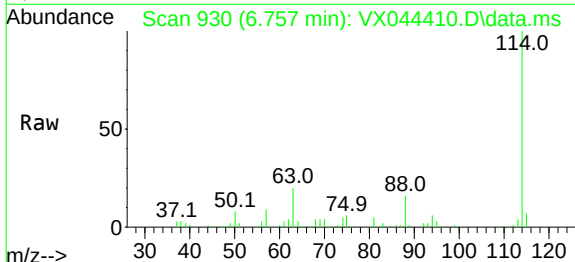
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20241217

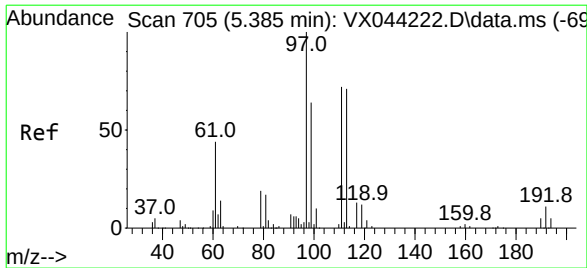
Tgt Ion: 65 Resp: 85005
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044410.D
Acq: 19 Dec 2024 03:44

Tgt Ion: 114 Resp: 190393
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.6
88 15.8 0.0 31.8

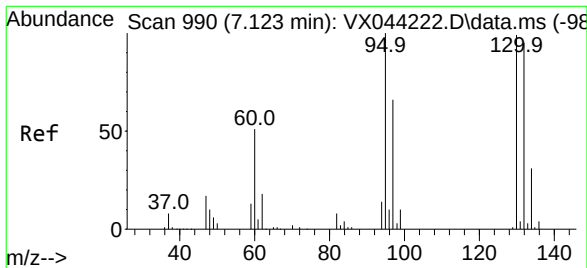
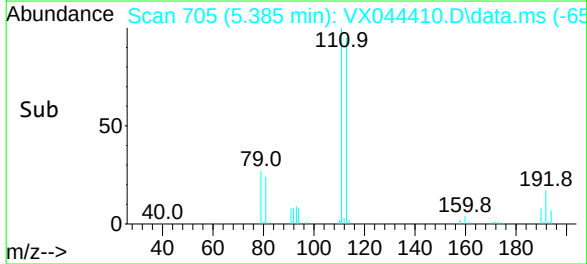
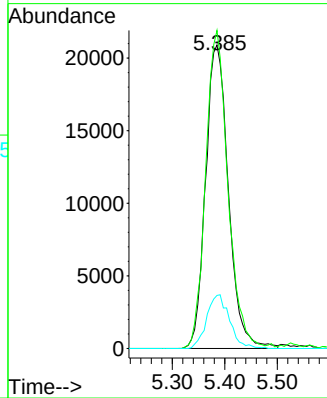
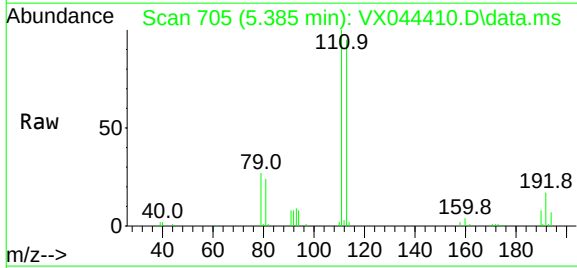




#35
Dibromofluoromethane
Concen: 47.936 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044410.D
Acq: 19 Dec 2024 03:44

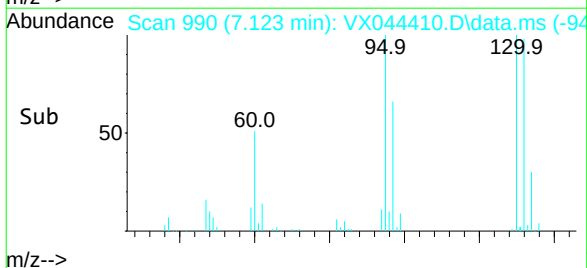
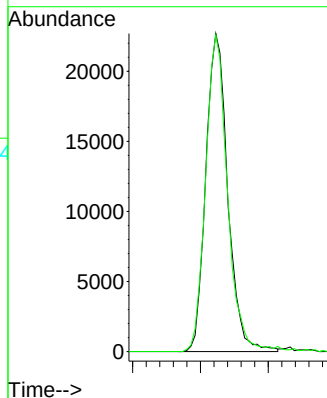
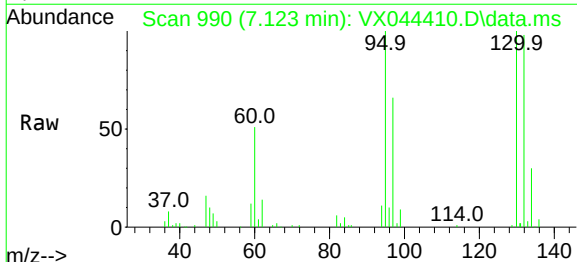
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20241217

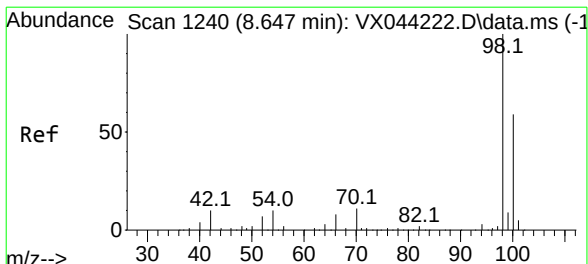
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.4	120.6
192	17.7	13.3	19.9



#44
Trichloroethene
Concen: 39.470 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044410.D
Acq: 19 Dec 2024 03:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	201.4

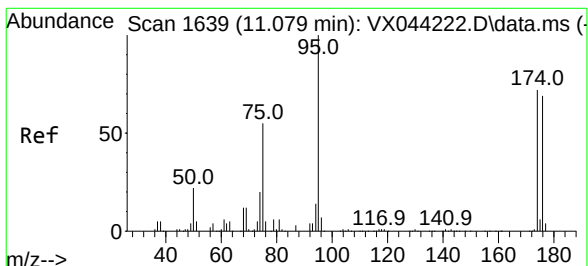
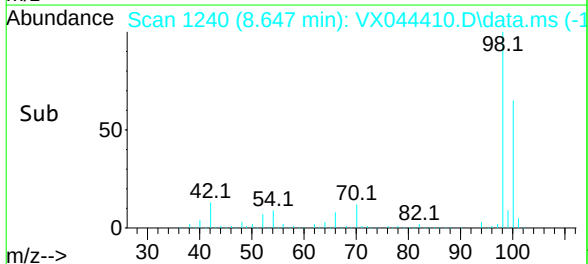
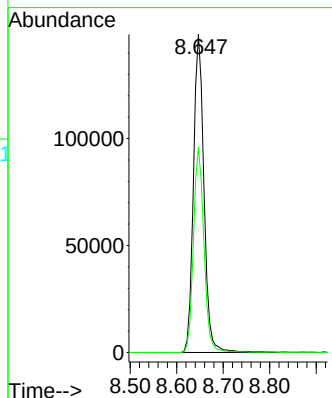
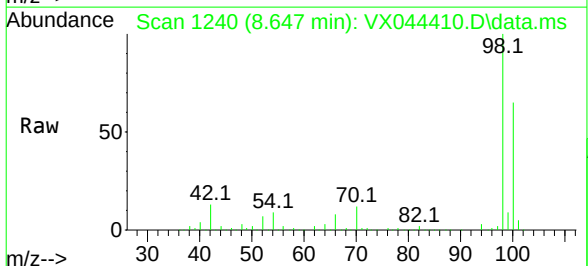




#50
Toluene-d8
Concen: 52.628 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044410.D
Acq: 19 Dec 2024 03:44

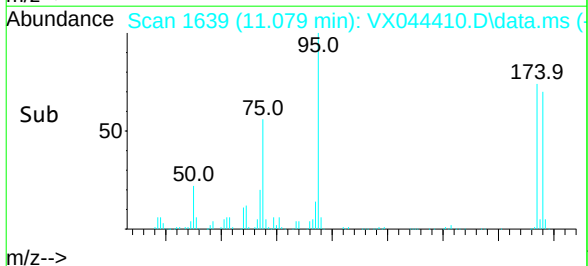
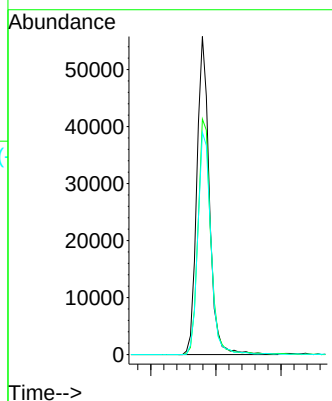
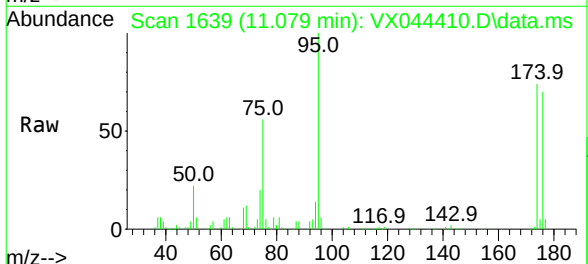
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20241217

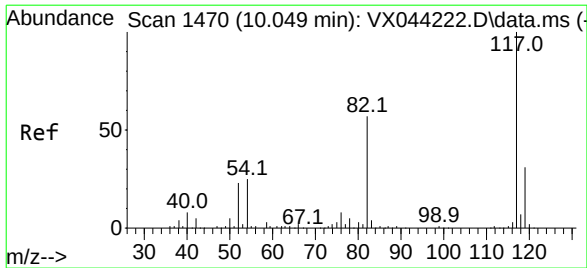
Tgt Ion: 98 Resp: 234127
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.805 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044410.D
Acq: 19 Dec 2024 03:44

Tgt Ion: 95 Resp: 74312
Ion Ratio Lower Upper
95 100
174 76.1 0.0 145.8
176 72.9 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: VX044410.D

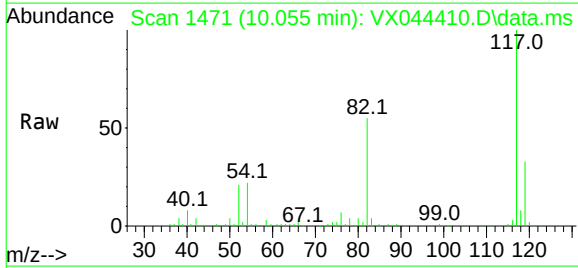
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Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20241217



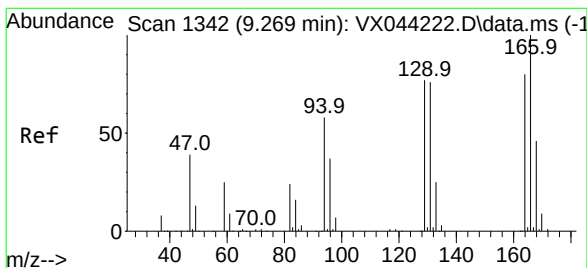
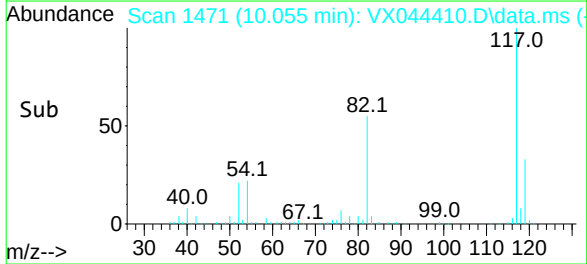
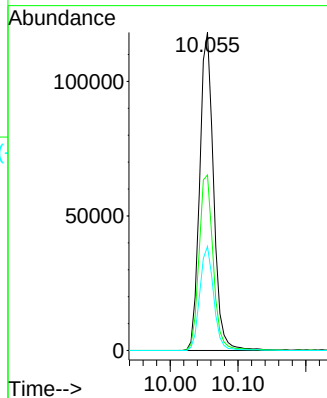
Tgt Ion:117 Resp: 168278

Ion Ratio Lower Upper

117 100

82 55.2 45.8 68.8

119 32.7 25.0 37.4



#64

Tetrachloroethene

Concen: 1.870 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.012 min

Lab File: VX044410.D

Acq: 19 Dec 2024 03:44

Tgt Ion:164 Resp: 2089

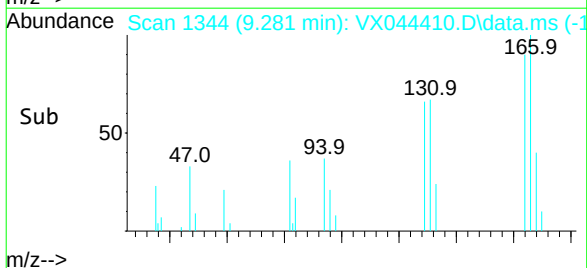
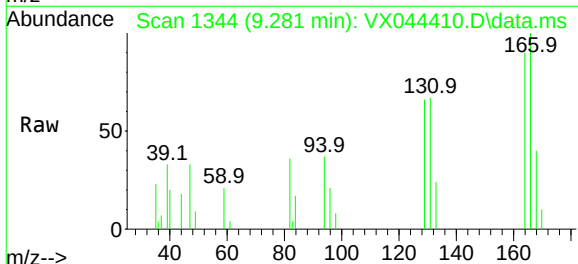
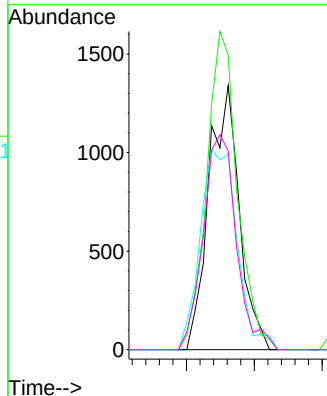
Ion Ratio Lower Upper

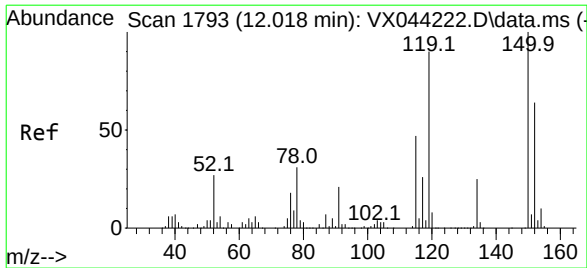
164 100

166 111.7 100.4 150.6

129 74.0 77.2 115.8#

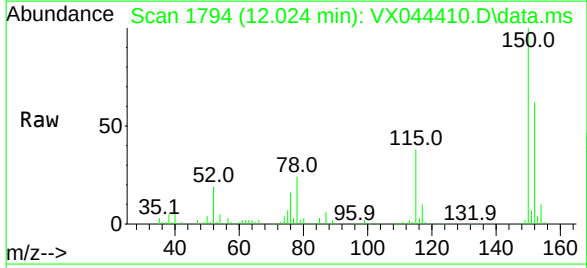
131 75.4 76.2 114.2#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 17
Delta R.T. 0.006 min
Lab File: VX044410.D
Acq: 19 Dec 2024 03:44

Instrument :
MSVOA_X
ClientSampleId :
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Tgt	Ion:152	Resp:	68296
Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.5	133.3
150	156.8	0.0	353.8

