

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044488.D
 Acq On : 23 Dec 2024 18:17
 Operator : JC/MD
 Sample : P5317-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-05-20241217

Quant Time: Dec 23 22:14:56 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)

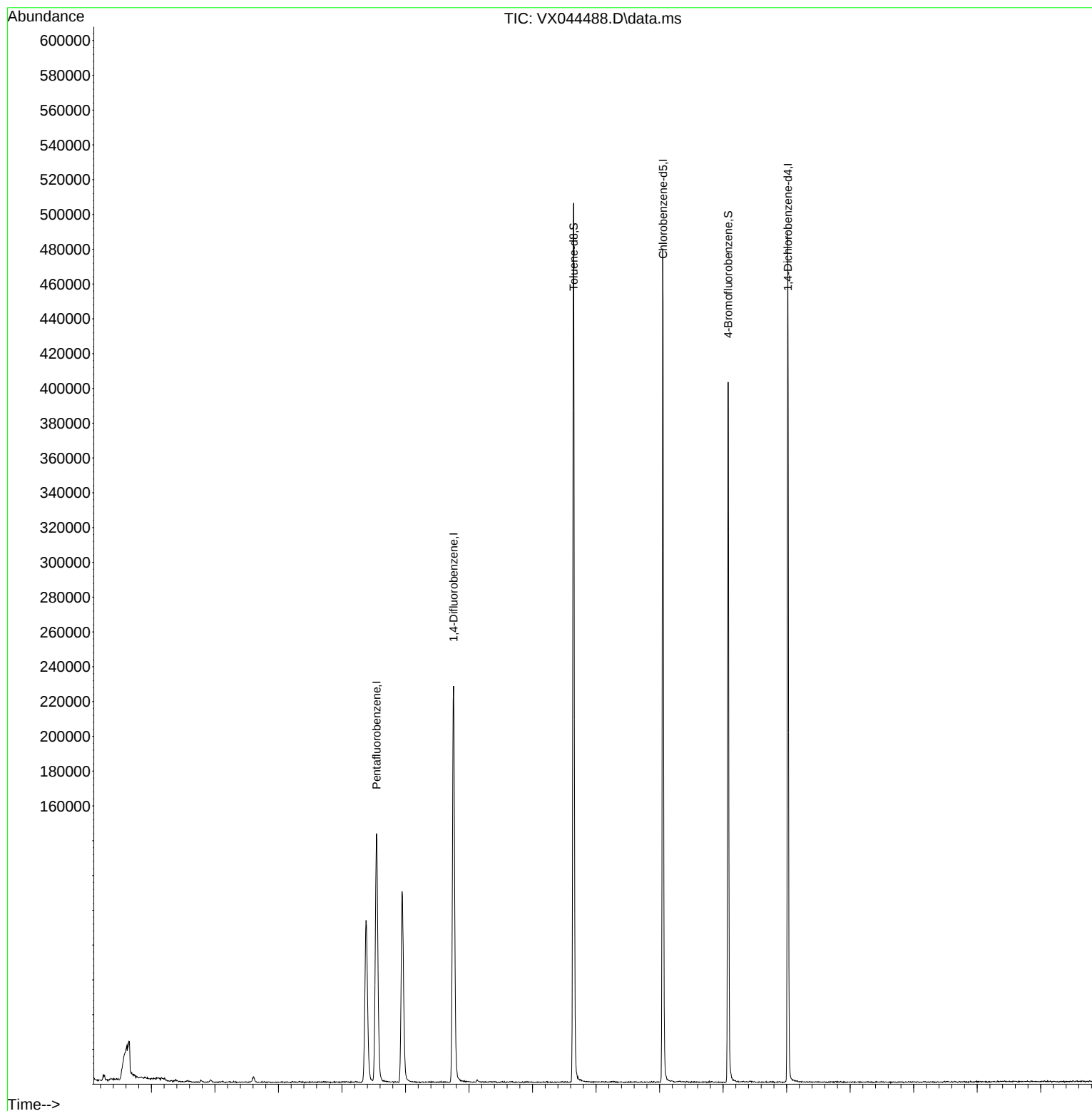
Internal Standards						
1) Pentafluorobenzene	5.544	168	132450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	232737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104226	44.881	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.760%		
35) Dibromofluoromethane	5.379	113	79952	49.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.200%		
50) Toluene-d8	8.647	98	302195	55.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	111.140%		
62) 4-Bromofluorobenzene	11.079	95	100909	53.104	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.200%		
Target Compounds						
24) 1,1-Dichloroethane	3.593	63	3842	1.238	ug/l	94
44) Trichloroethene	7.129	130	510	0.323	ug/l	97

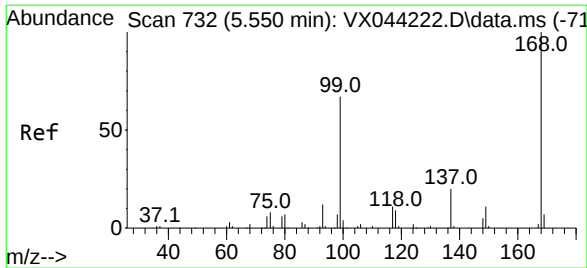
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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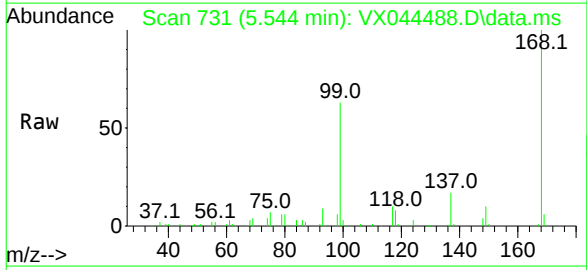
Quant Time: Dec 23 22:14:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
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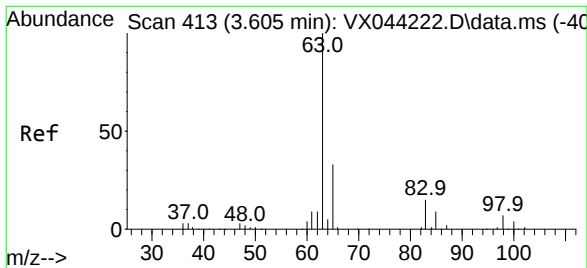
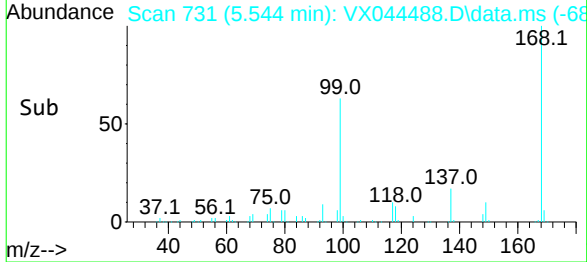
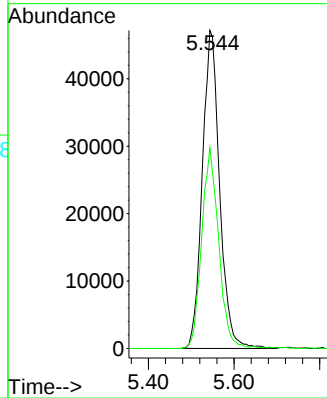


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
DUP-05-20241217

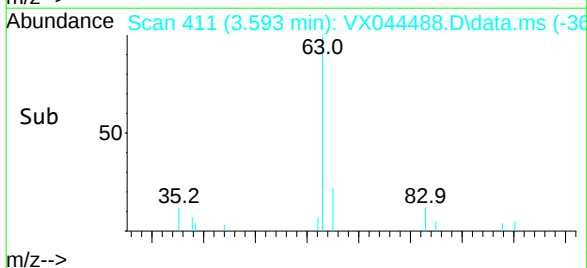
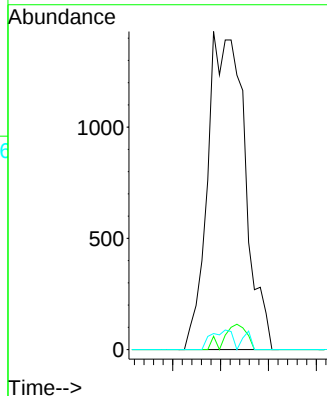
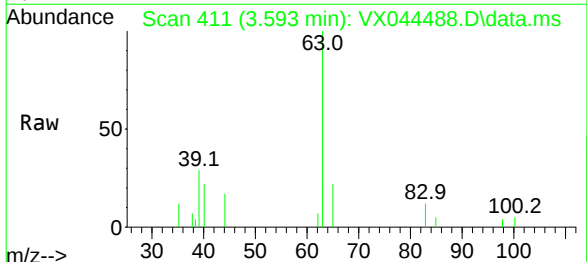


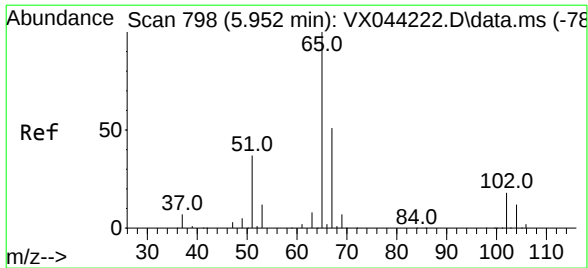
Tgt Ion:168 Resp: 132450
Ion Ratio Lower Upper
168 100
99 63.1 53.4 80.0



#24
1,1-Dichloroethane
Concen: 1.238 ug/l
RT: 3.593 min Scan# 411
Delta R.T. -0.012 min
Lab File: VX044488.D
Acq: 23 Dec 2024 18:17

Tgt Ion: 63 Resp: 3842
Ion Ratio Lower Upper
63 100
98 4.2 3.6 10.8
100 5.0 2.1 6.3

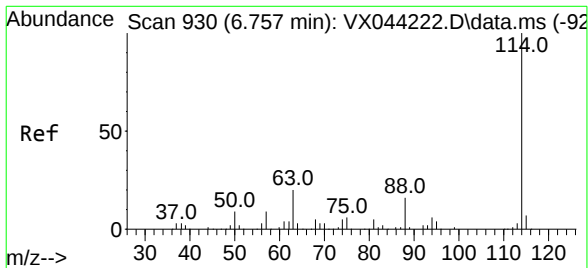
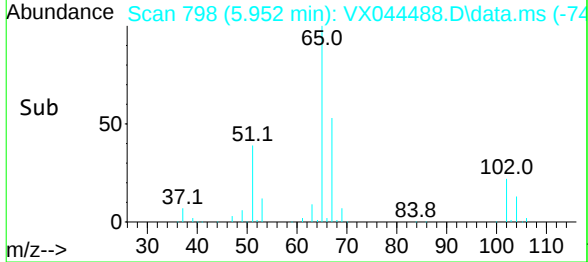
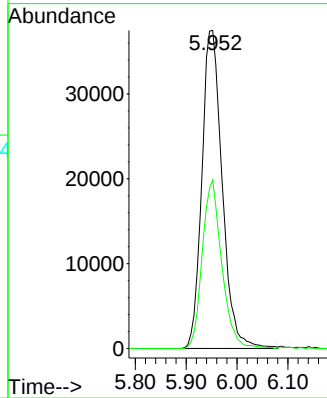
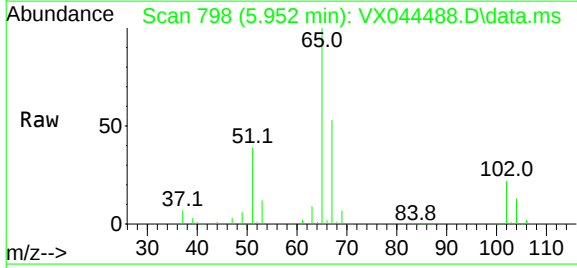




#33
 1,2-Dichloroethane-d4
 Concen: 44.881 ug/l
 RT: 5.952 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VX044488.D
 Acq: 23 Dec 2024 18:17

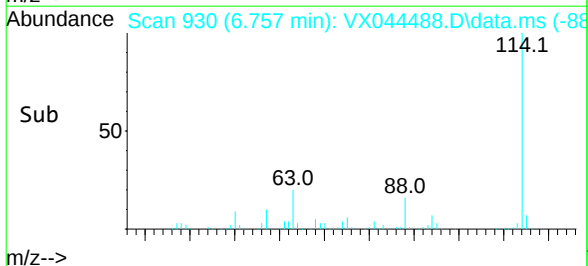
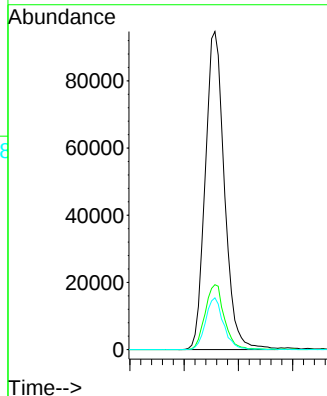
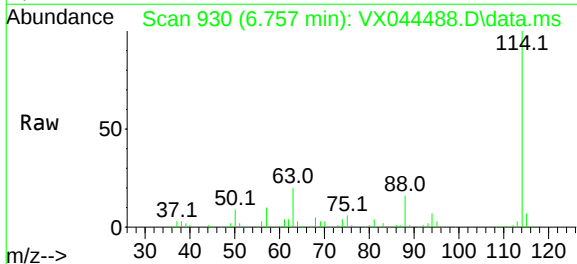
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-05-20241217

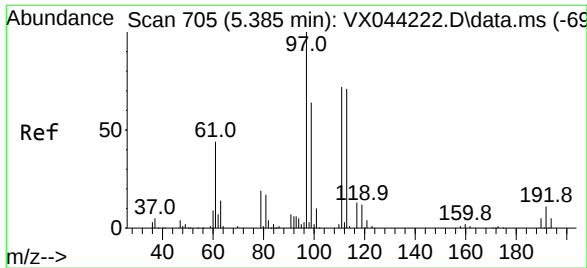
Tgt Ion: 65 Resp: 104226
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044488.D
 Acq: 23 Dec 2024 18:17

Tgt Ion: 114 Resp: 232737
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.601 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX044488.D

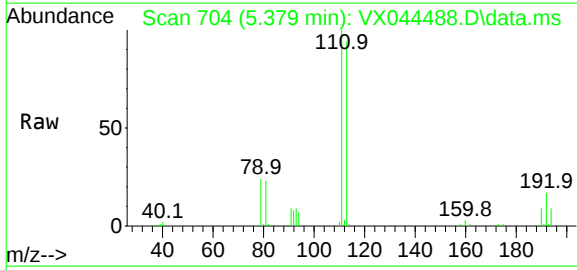
Acq: 23 Dec 2024 18:17

Instrument :

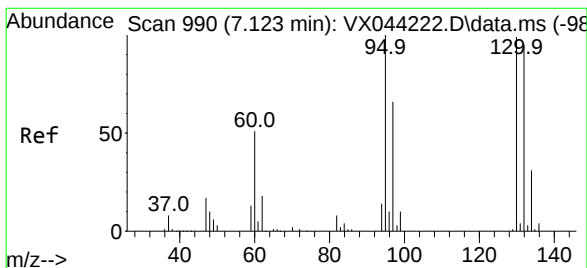
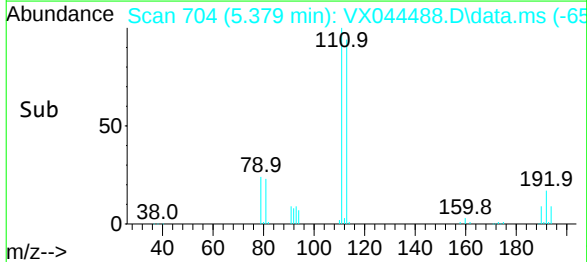
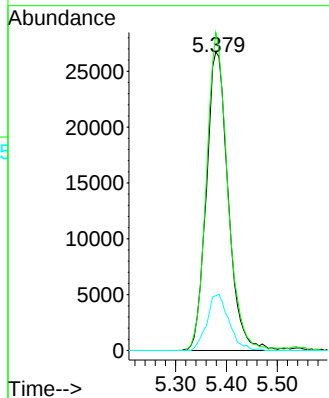
MSVOA_X

ClientSampleId :

DUP-05-20241217



Tgt Ion:	113	Resp:	79952
Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.4	120.6
192	18.9	13.3	19.9



#44

Trichloroethene

Concen: 0.323 ug/l

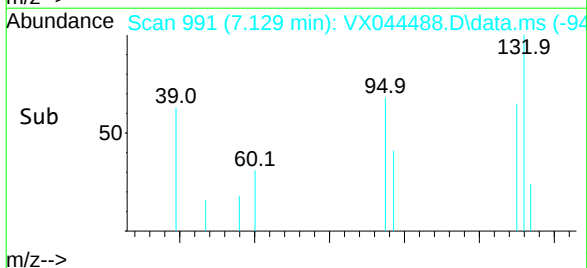
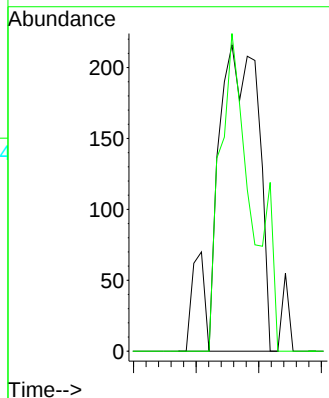
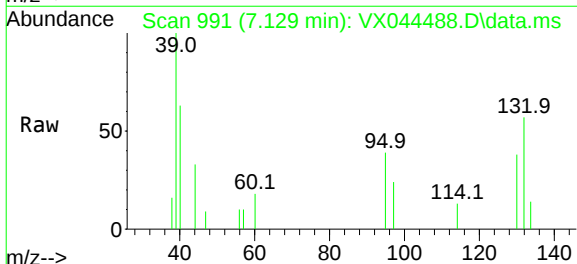
RT: 7.129 min Scan# 991

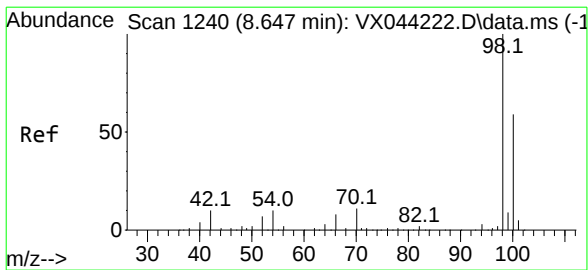
Delta R.T. 0.006 min

Lab File: VX044488.D

Acq: 23 Dec 2024 18:17

Tgt Ion:	130	Resp:	510
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	201.4





#50

Toluene-d8

Concen: 55.570 ug/l

RT: 8.647 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044488.D

Acq: 23 Dec 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

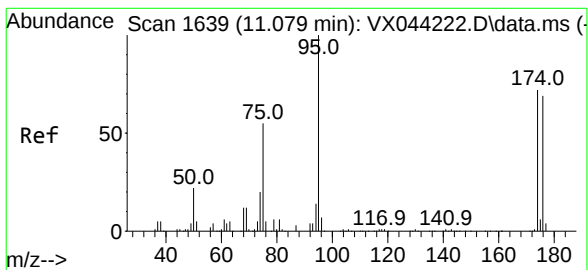
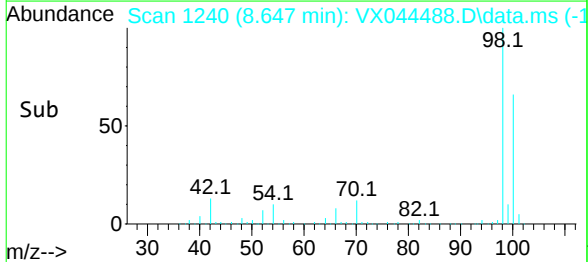
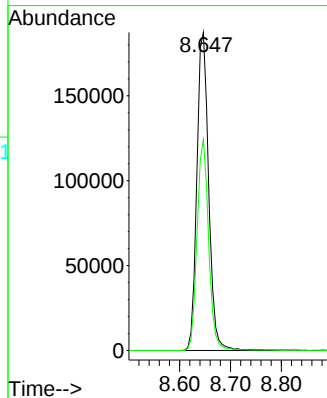
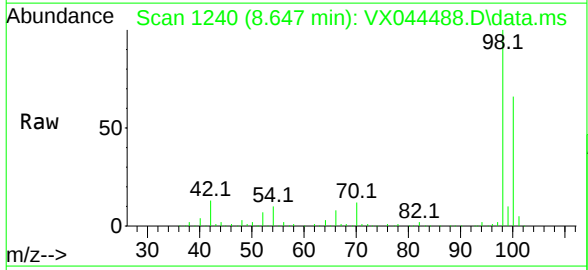
DUP-05-20241217

Tgt Ion: 98 Resp: 302195

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 53.104 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044488.D

Acq: 23 Dec 2024 18:17

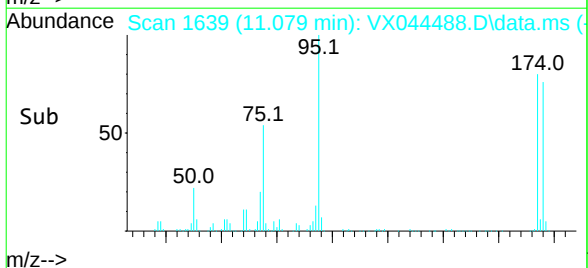
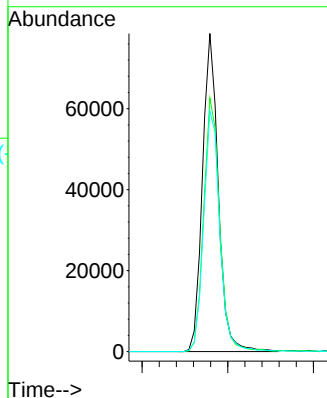
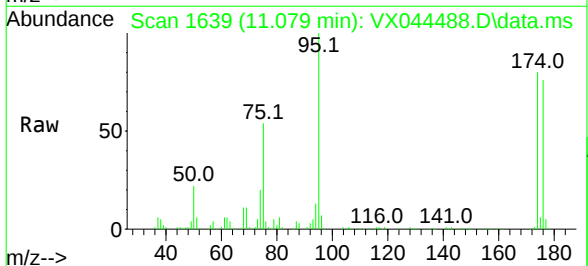
Tgt Ion: 95 Resp: 100909

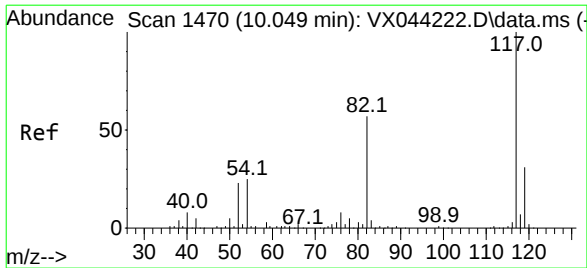
Ion Ratio Lower Upper

95 100

174 80.7 0.0 145.8

176 77.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044488.D

Acq: 23 Dec 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

DUP-05-20241217

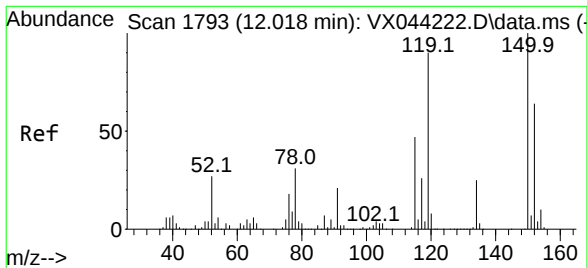
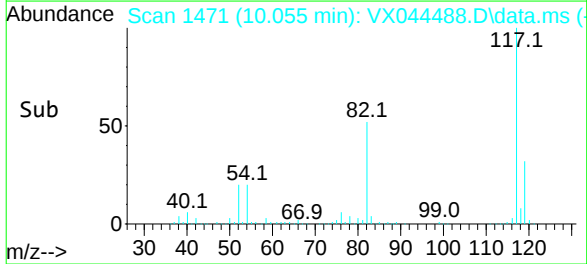
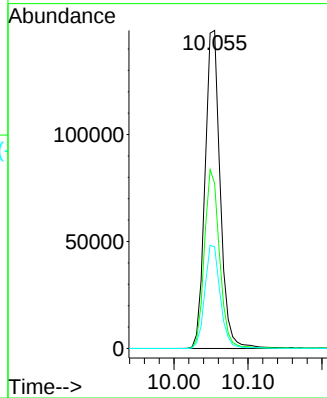
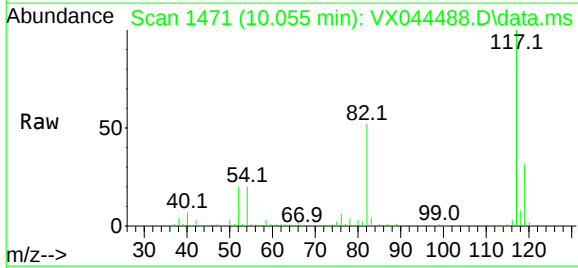
Tgt Ion:117 Resp: 211937

Ion Ratio Lower Upper

117 100

82 51.9 45.8 68.8

119 31.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044488.D

Acq: 23 Dec 2024 18:17

Tgt Ion:152 Resp: 95898

Ion Ratio Lower Upper

152 100

115 58.7 44.5 133.3

150 155.3 0.0 353.8

