

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040490.D
 Acq On : 27 Feb 2024 15:26
 Operator : JC/MD
 Sample : P1578-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20240221

Quant Time: Feb 28 02:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

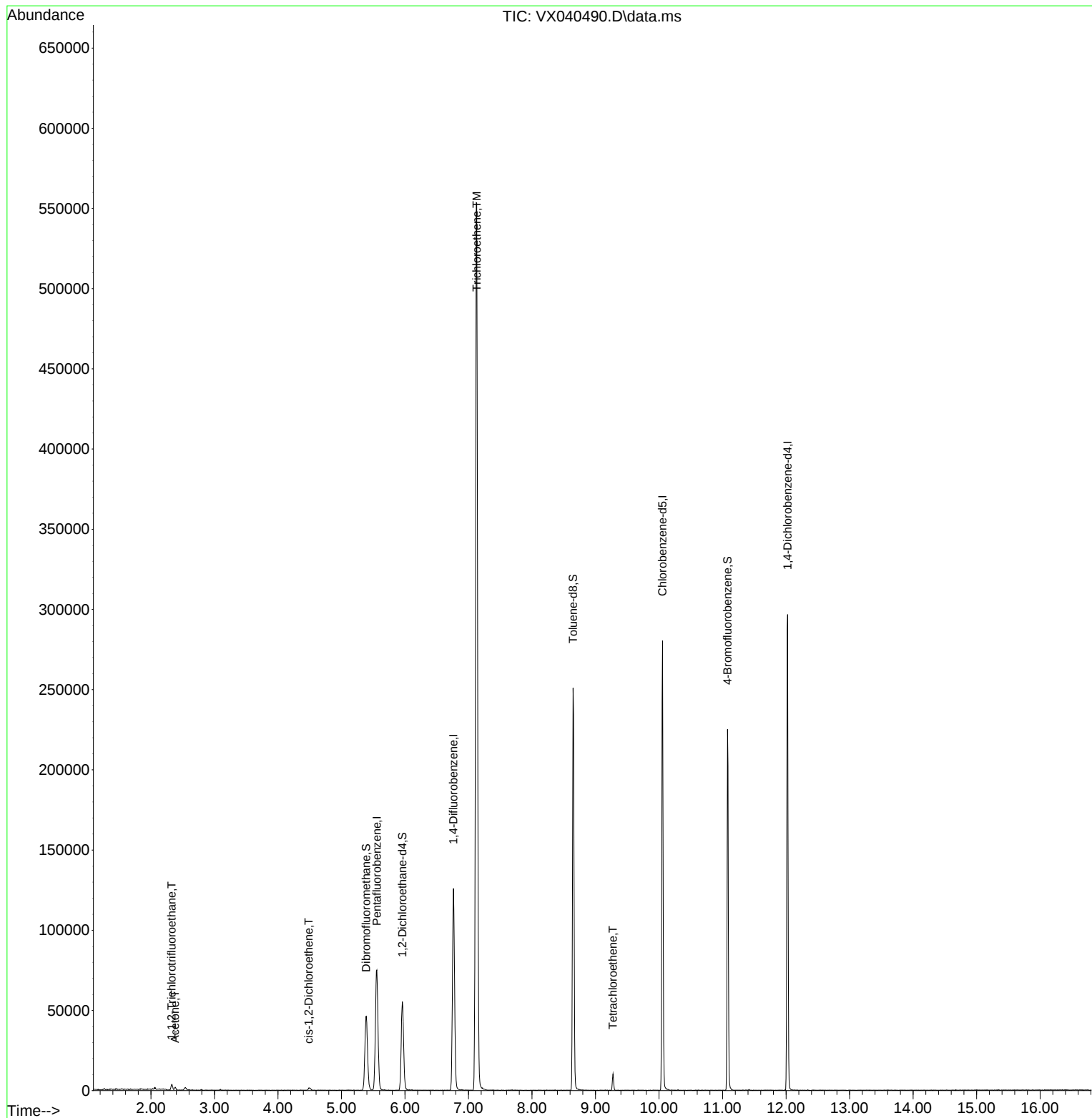
Internal Standards						
1) Pentafluorobenzene	5.556	168	65609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	117580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54117	49.316	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.640%
35) Dibromofluoromethane	5.385	113	39333	48.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.647	98	145679	49.084	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	57211	50.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.140%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	1307	1.755	ug/l	92
16) Acetone	2.380	43	1840	5.142	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	1181	1.266	ug/l	71
44) Trichloroethene	7.129	130	199269	217.248	ug/l	95
64) Tetrachloroethene	9.275	164	1725	2.132	ug/l	86

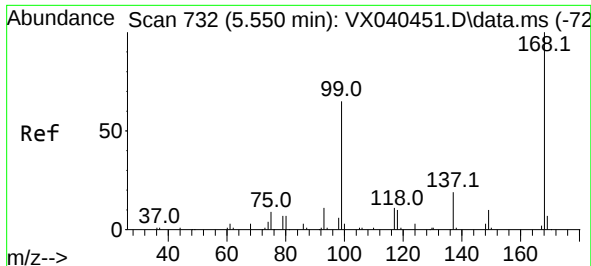
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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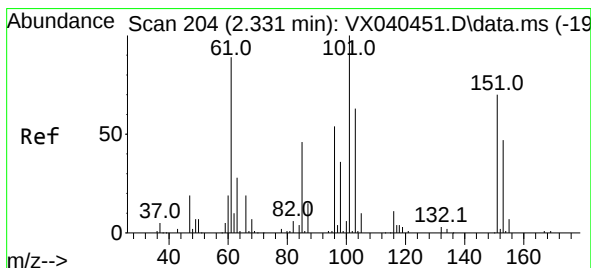
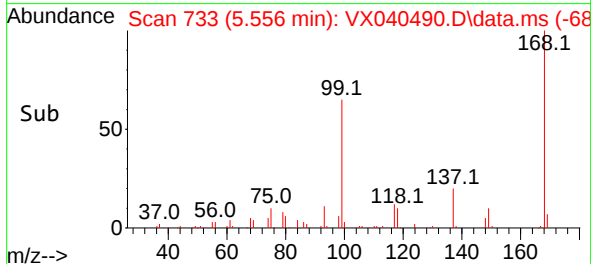
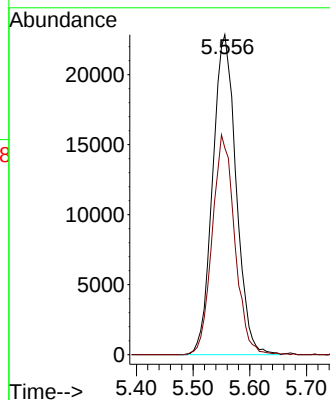
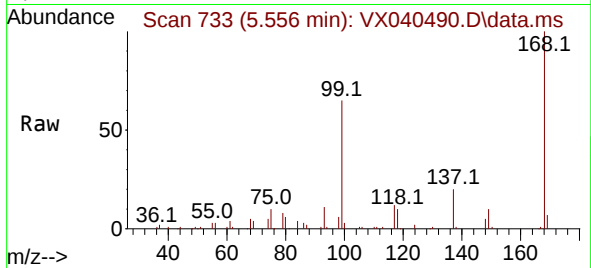




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040490.D
Acq: 27 Feb 2024 15:26

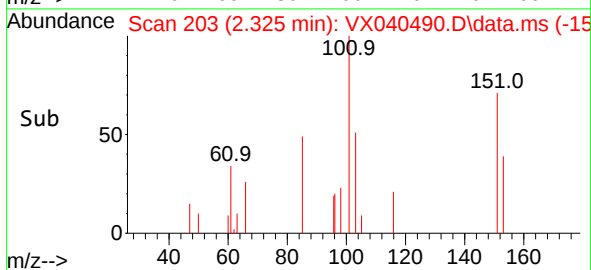
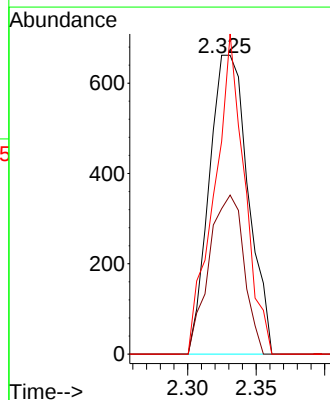
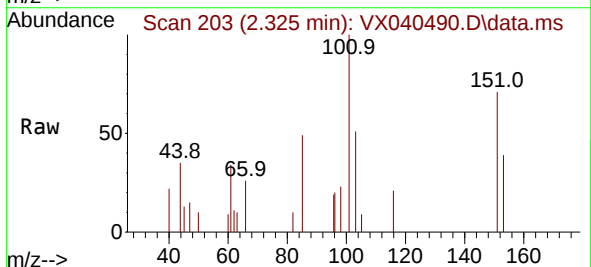
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20240221

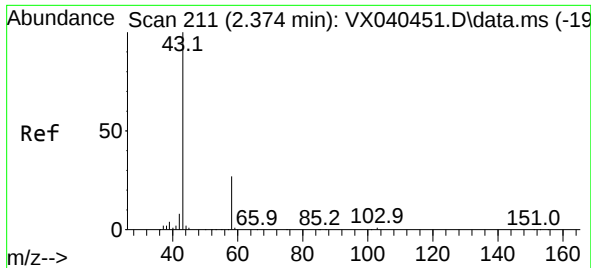
Tgt Ion:168 Resp: 65609
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.755 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX040490.D
Acq: 27 Feb 2024 15:26

Tgt Ion:101 Resp: 1307
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 83.5 58.6 87.8

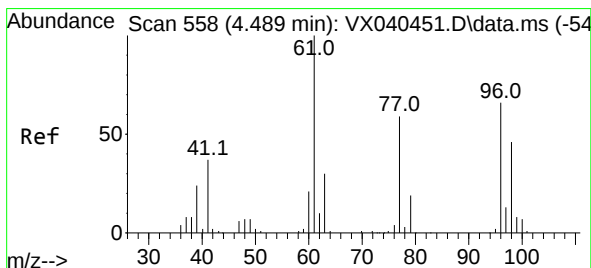
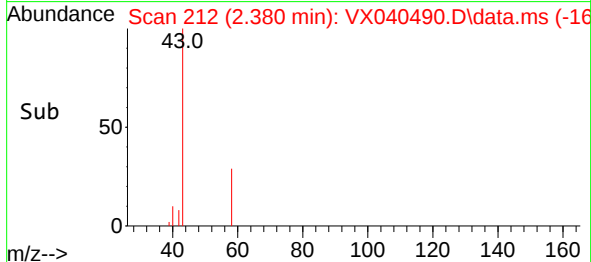
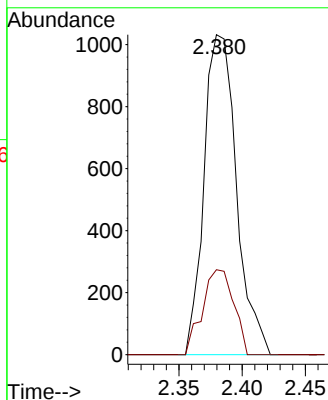
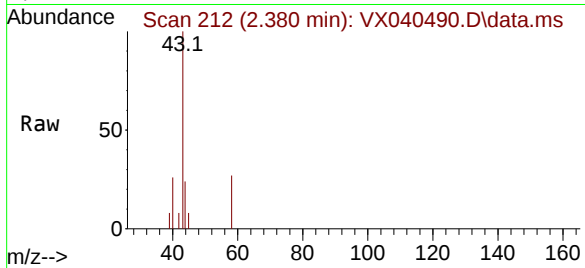




#16
Acetone
Concen: 5.142 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040490.D
Acq: 27 Feb 2024 15:26

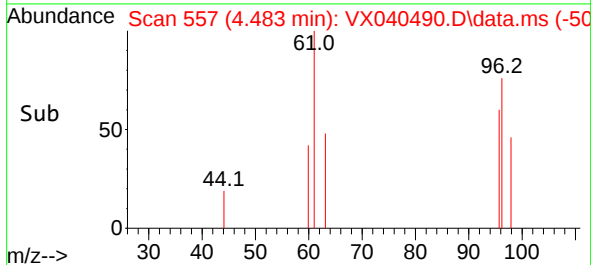
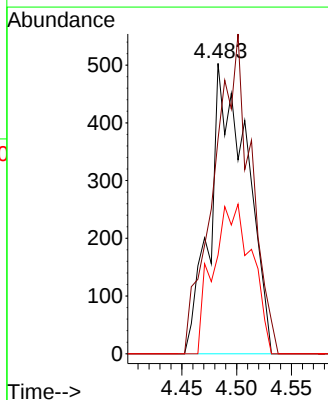
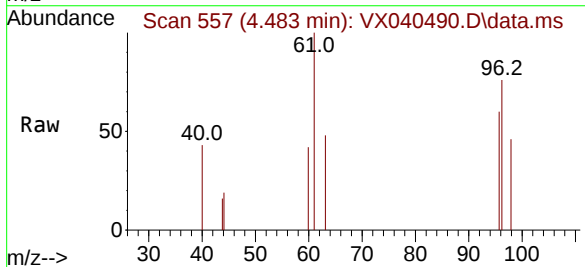
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20240221

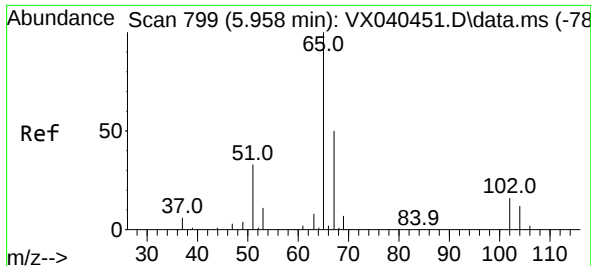
Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
58 26.6 21.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 1.266 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX040490.D
Acq: 27 Feb 2024 15:26

Tgt Ion: 96 Resp: 1181
Ion Ratio Lower Upper
96 100
61 110.7 0.0 312.2
98 54.0 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 49.316 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040490.D

Acq: 27 Feb 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

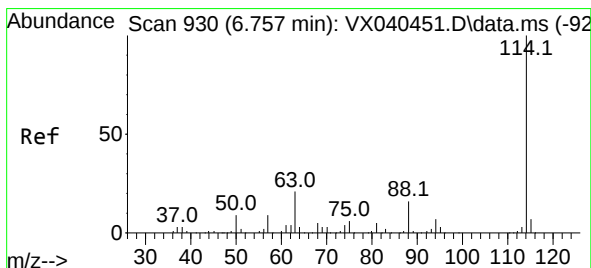
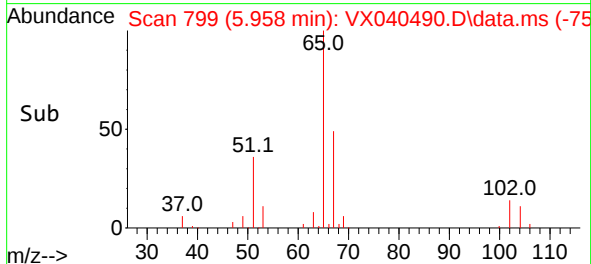
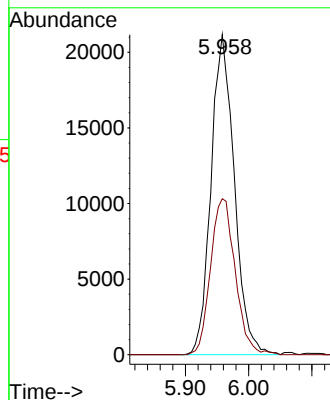
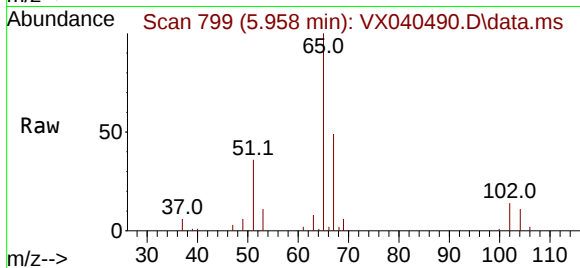
RE122D1-20240221

Tgt Ion: 65 Resp: 54117

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040490.D

Acq: 27 Feb 2024 15:26

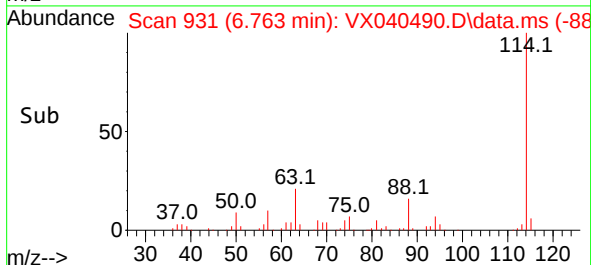
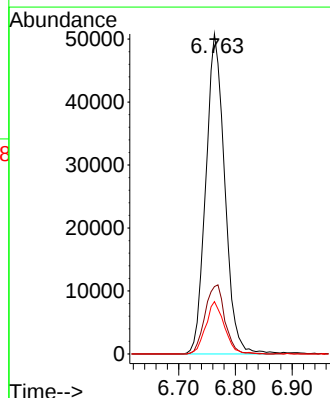
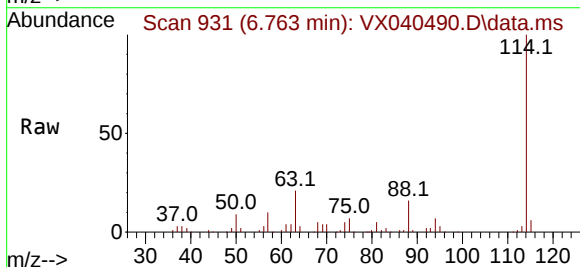
Tgt Ion: 114 Resp: 117580

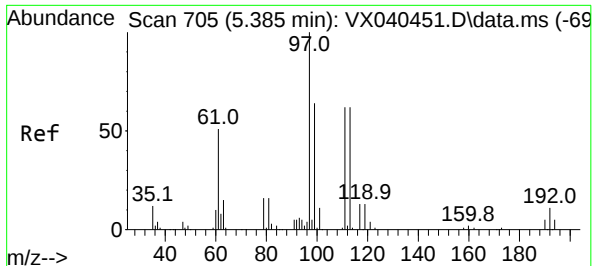
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.105 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040490.D

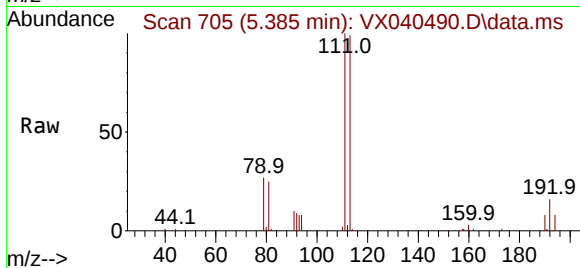
Acq: 27 Feb 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20240221



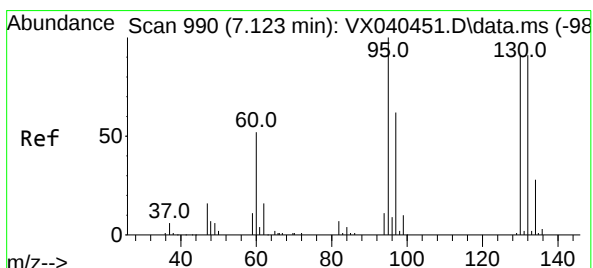
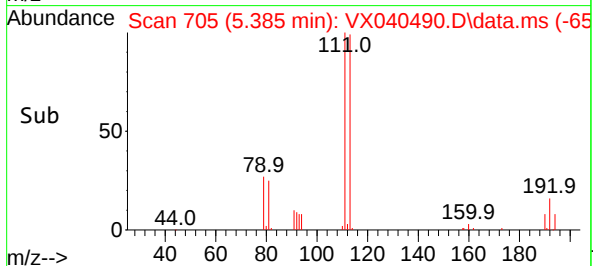
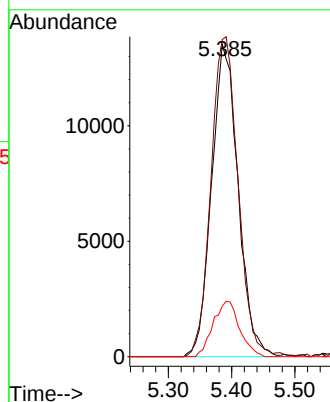
Tgt Ion:113 Resp: 39333

Ion Ratio Lower Upper

113 100

111 104.8 82.9 124.3

192 17.7 13.3 19.9



#44

Trichloroethene

Concen: 217.248 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX040490.D

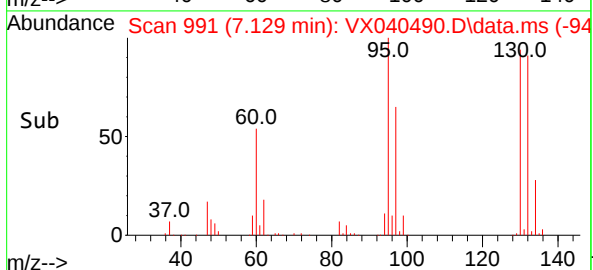
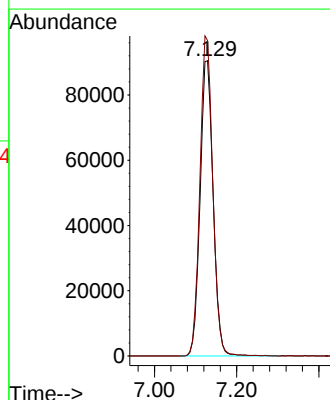
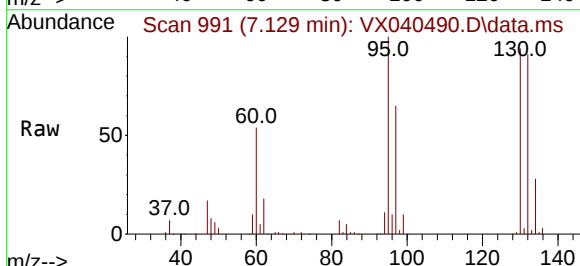
Acq: 27 Feb 2024 15:26

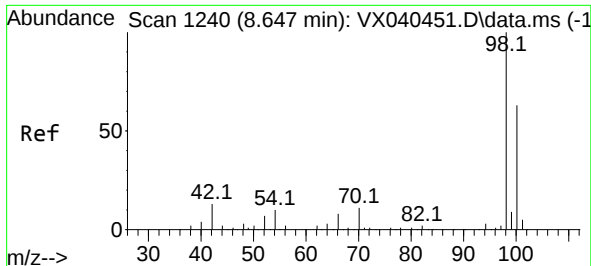
Tgt Ion:130 Resp: 199269

Ion Ratio Lower Upper

130 100

95 106.8 0.0 204.4

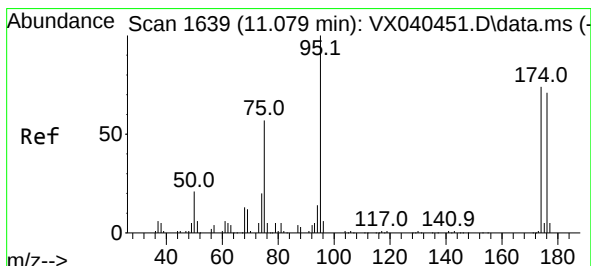
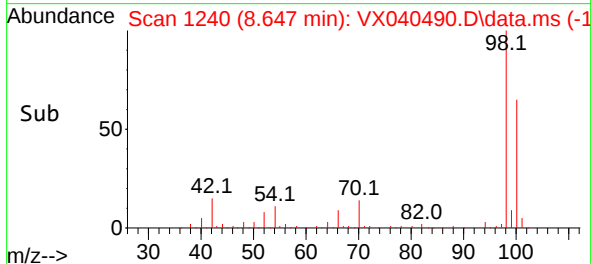
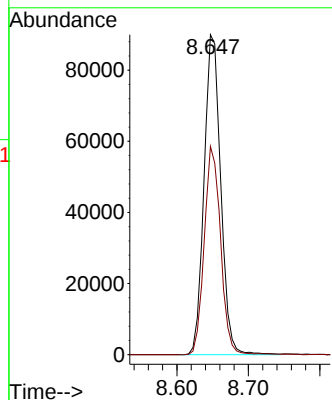
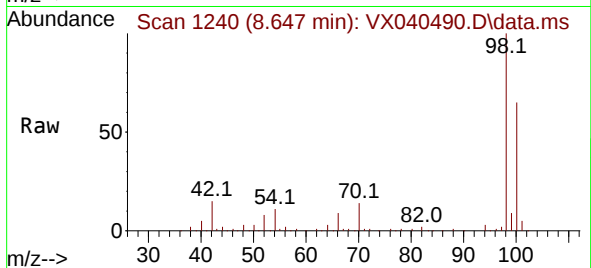




#50
Toluene-d8
Concen: 49.084 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040490.D
Acq: 27 Feb 2024 15:26

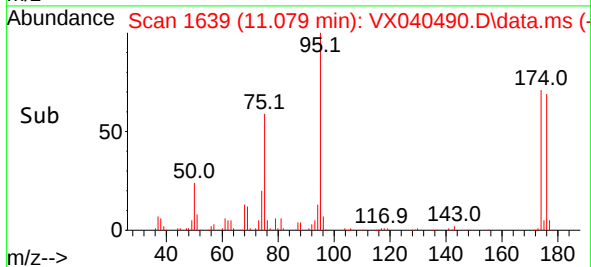
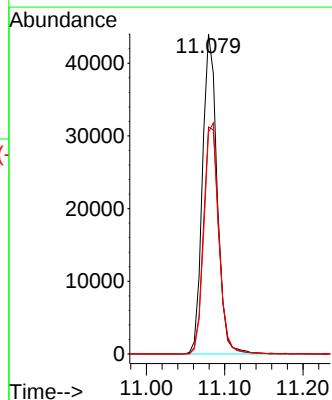
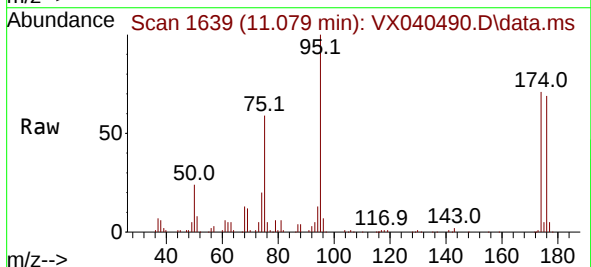
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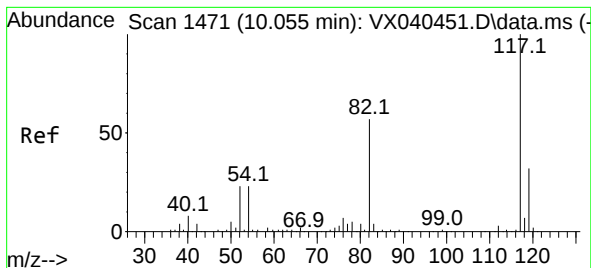
Tgt Ion: 98 Resp: 145679
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040490.D
Acq: 27 Feb 2024 15:26

Tgt Ion: 95 Resp: 57211
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 73.1 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040490.D

Acq: 27 Feb 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20240221

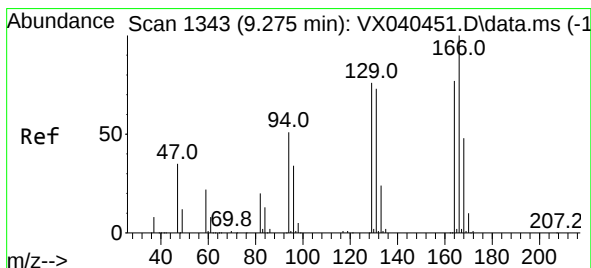
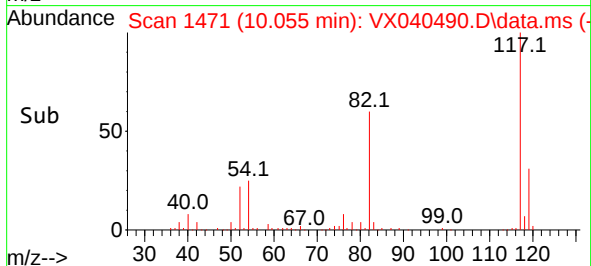
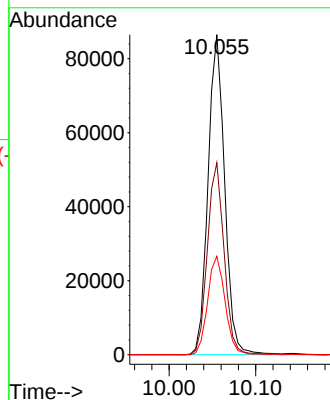
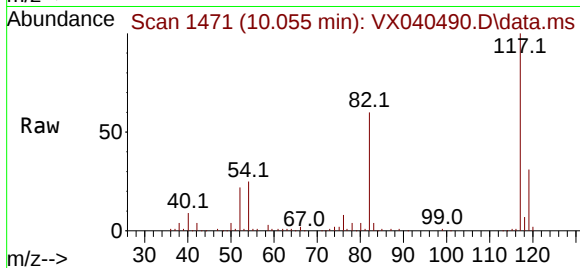
Tgt Ion:117 Resp: 115245

Ion Ratio Lower Upper

117 100

82 60.0 46.2 69.4

119 30.8 25.5 38.3



#64

Tetrachloroethene

Concen: 2.132 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040490.D

Acq: 27 Feb 2024 15:26

Tgt Ion:164 Resp: 1725

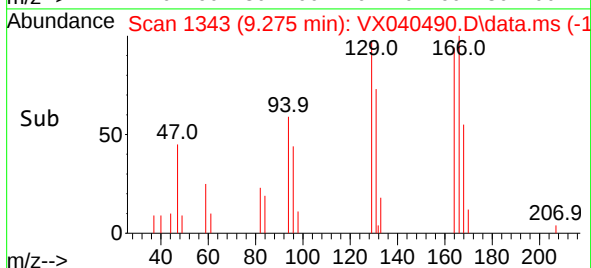
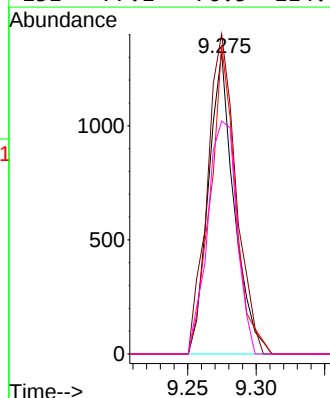
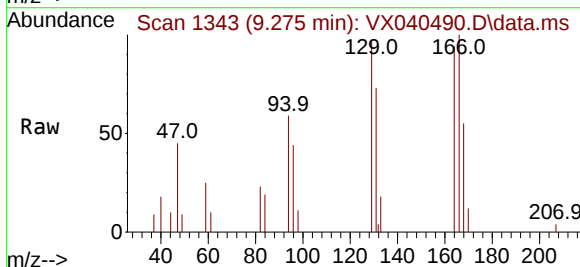
Ion Ratio Lower Upper

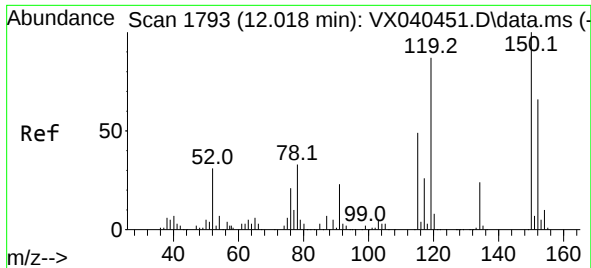
164 100

166 106.0 102.7 154.1

129 102.3 80.4 120.6

131 77.1 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040490.D

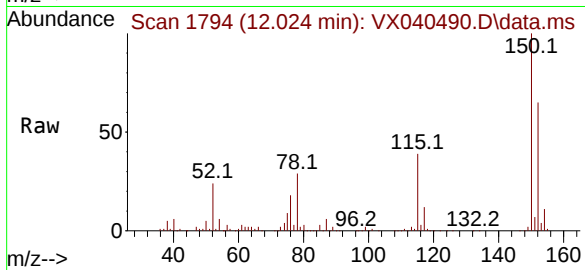
Acq: 27 Feb 2024 15:26

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Tgt Ion:152 Resp: 58858

Ion Ratio Lower Upper

152 100

115 63.8 43.3 129.9

150 155.7 0.0 345.0

