

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025492.D
 Acq On : 03 Dec 2021 19:03
 Operator : JC/MD
 Sample : M4924-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20211202

Quant Time: Dec 04 06:53:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

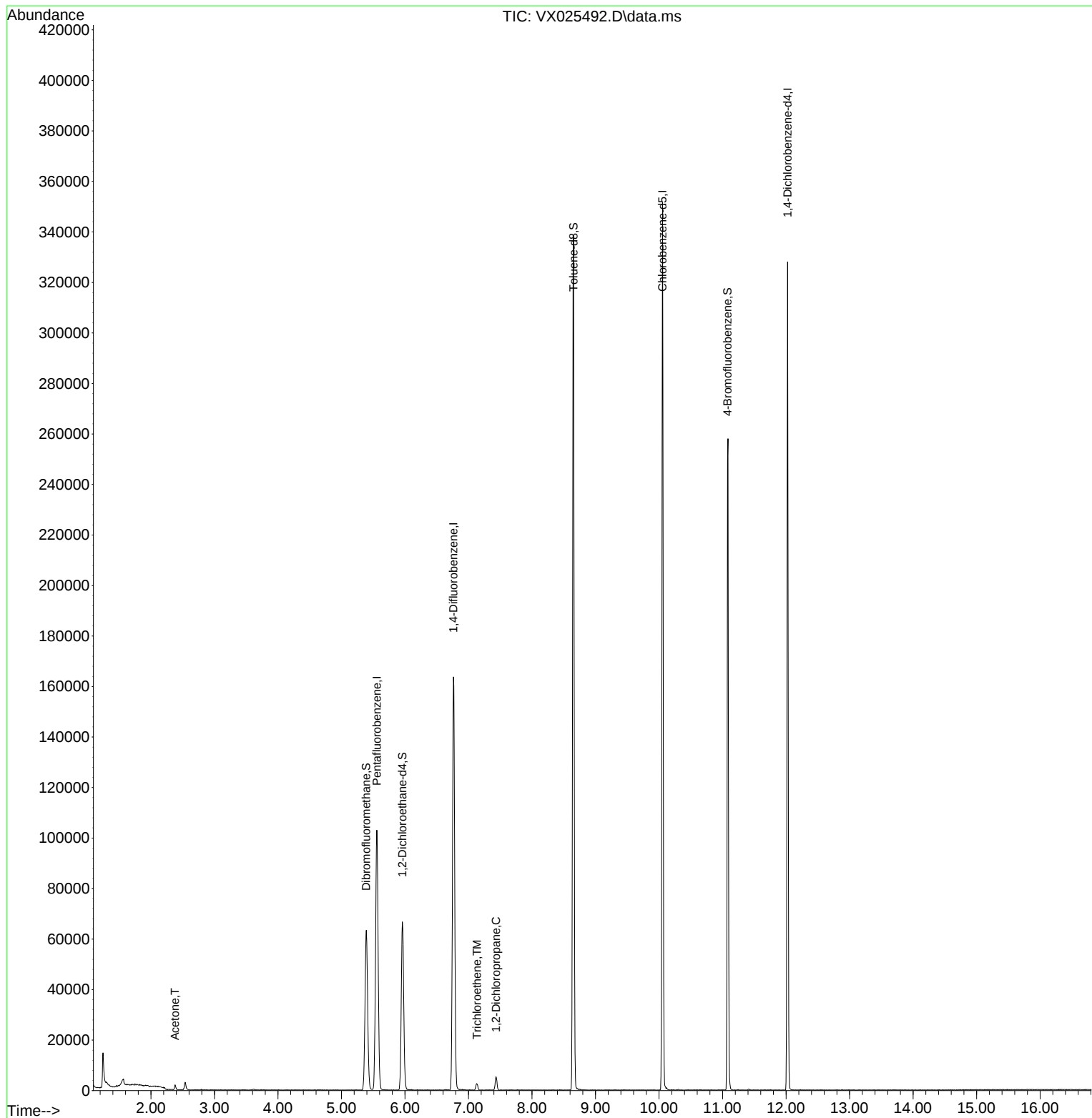
Internal Standards						
1) Pentafluorobenzene	5.556	168	103599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62331	57.079	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.160%
35) Dibromofluoromethane	5.385	113	54949	50.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.940%
50) Toluene-d8	8.653	98	204515	49.961	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.920%
62) 4-Bromofluorobenzene	11.079	95	69745	45.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.080%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	1920	3.164	ug/l	97
44) Trichloroethene	7.135	130	1194	0.876	ug/l	84
45) 1,2-Dichloropropane	7.434	63	2287	1.986	ug/l	90

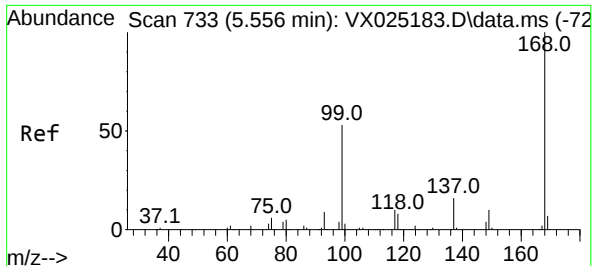
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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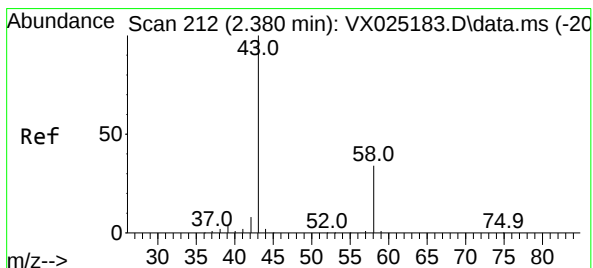
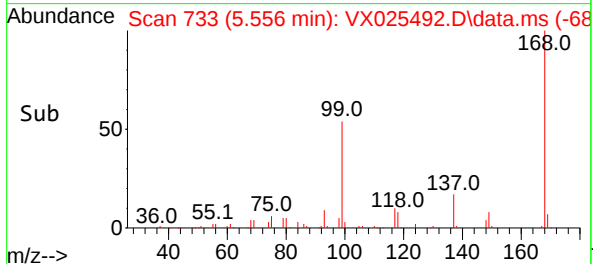
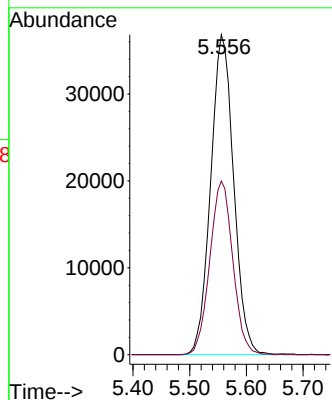
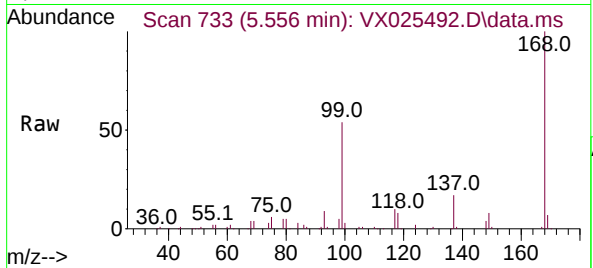




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

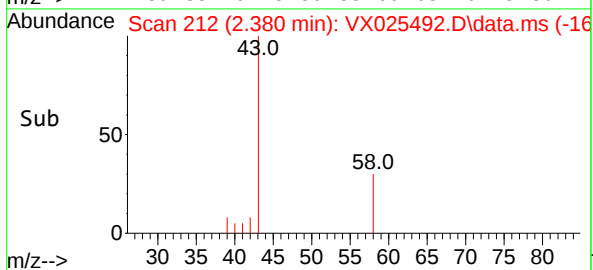
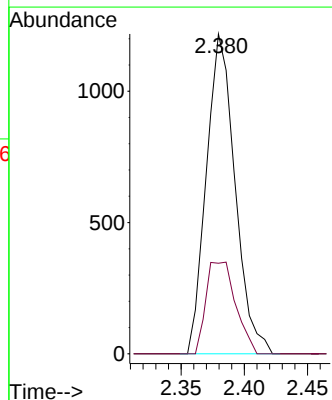
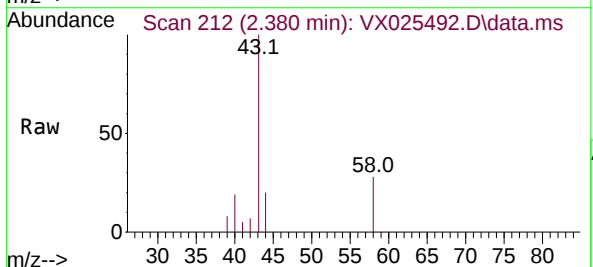
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20211202

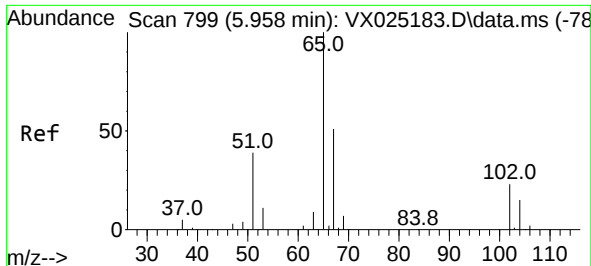
Tgt Ion:168 Resp: 103599
Ion Ratio Lower Upper
168 100
99 54.3 46.4 69.6



#16
Acetone
Concen: 3.164 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 28.3 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 57.079 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025492.D

Acq: 03 Dec 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

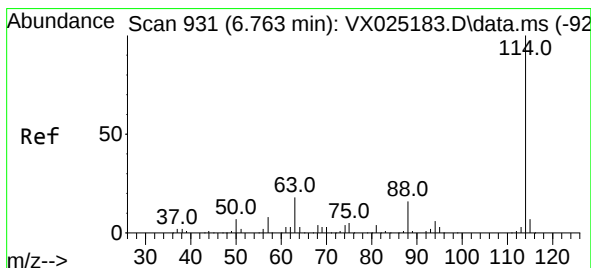
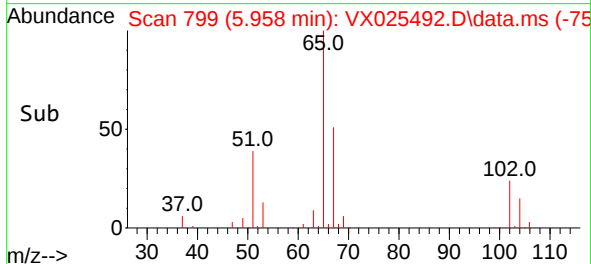
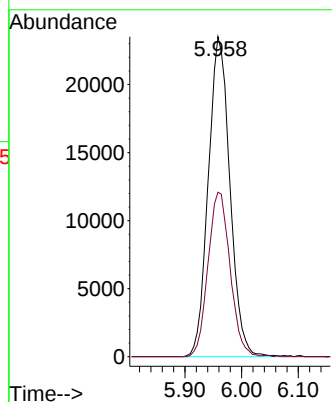
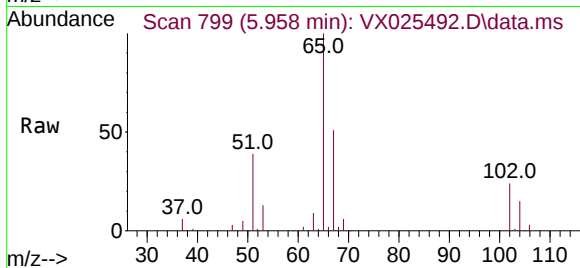
RE135D2-20211202

Tgt Ion: 65 Resp: 62331

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025492.D

Acq: 03 Dec 2021 19:03

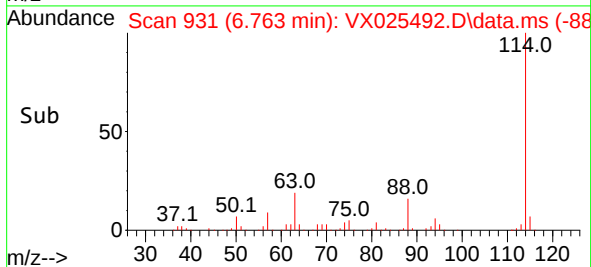
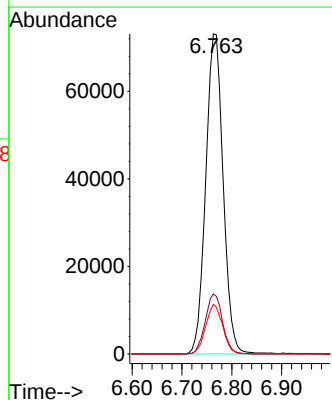
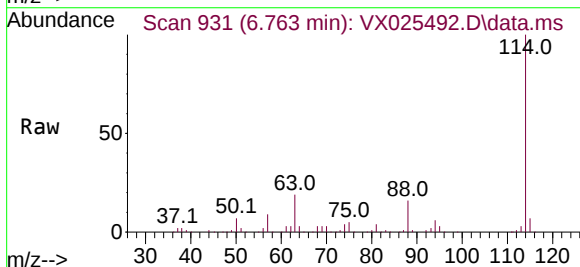
Tgt Ion: 114 Resp: 177444

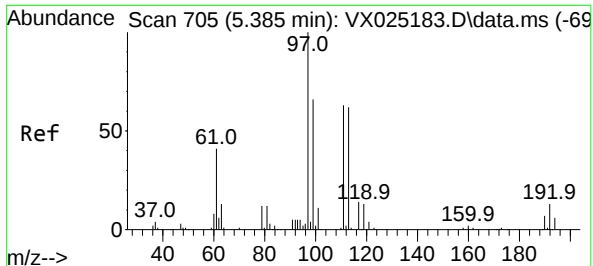
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.470 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025492.D

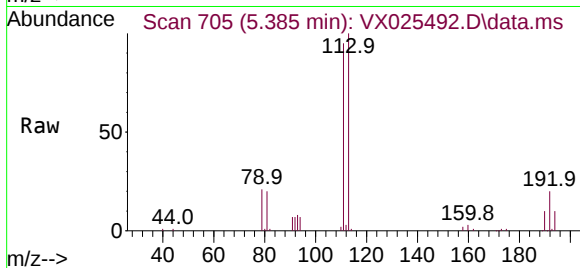
Acq: 03 Dec 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20211202



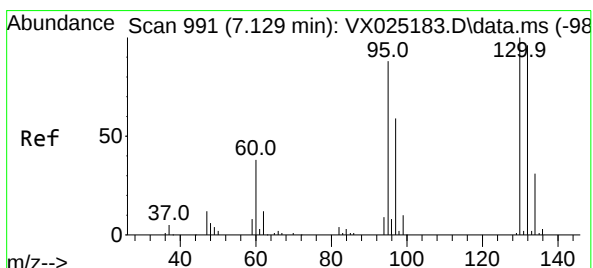
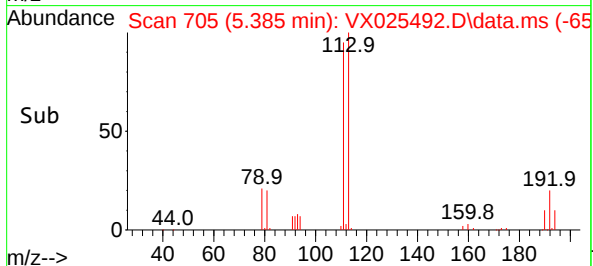
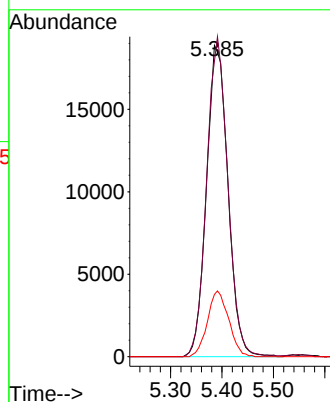
Tgt Ion:113 Resp: 54949

Ion Ratio Lower Upper

113 100

111 101.1 82.1 123.1

192 20.8 15.6 23.4



#44

Trichloroethene

Concen: 0.876 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX025492.D

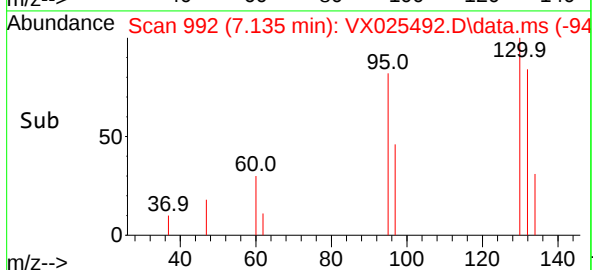
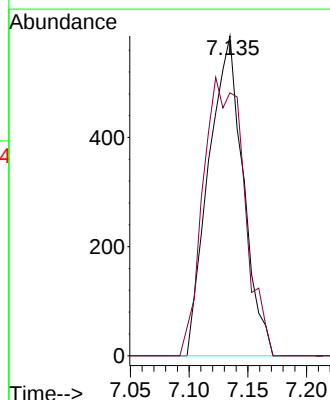
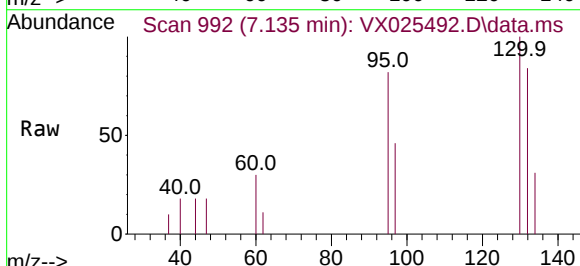
Acq: 03 Dec 2021 19:03

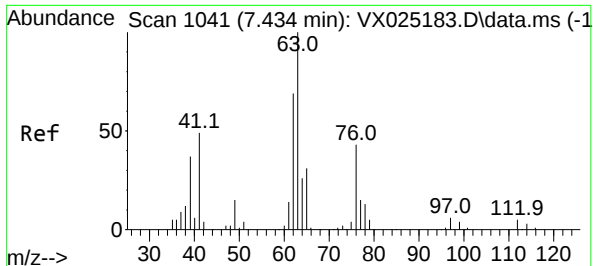
Tgt Ion:130 Resp: 1194

Ion Ratio Lower Upper

130 100

95 82.3 0.0 196.8





#45

1,2-Dichloropropane

Concen: 1.986 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025492.D

Acq: 03 Dec 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

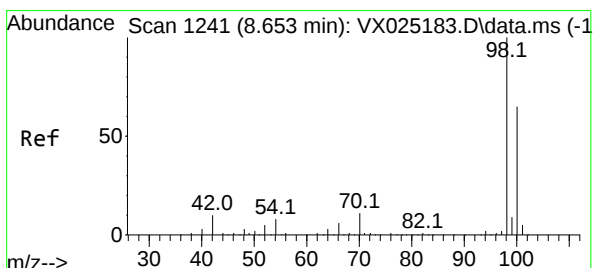
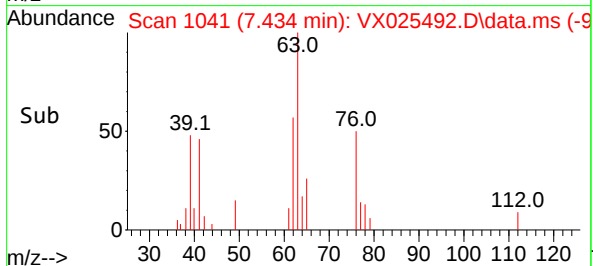
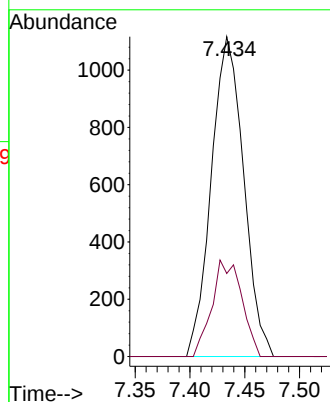
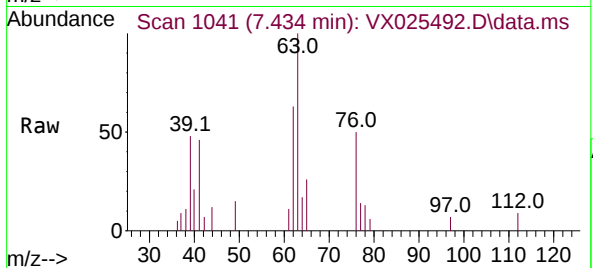
RE135D2-20211202

Tgt Ion: 63 Resp: 2287

Ion Ratio Lower Upper

63 100

65 26.0 25.1 37.7



#50

Toluene-d8

Concen: 49.961 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025492.D

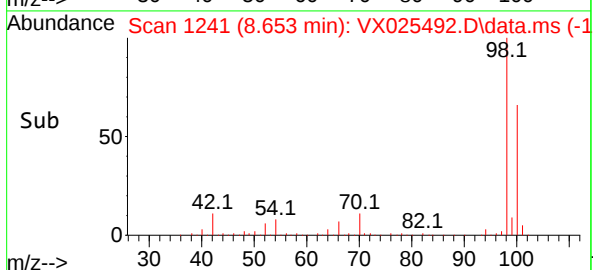
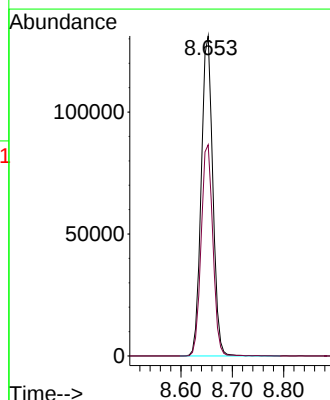
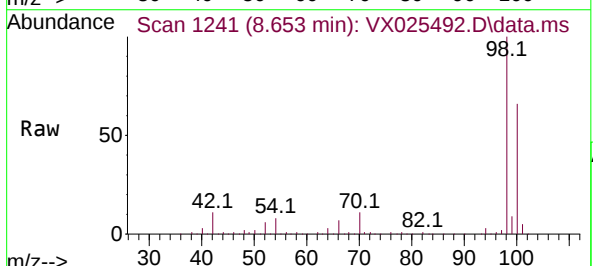
Acq: 03 Dec 2021 19:03

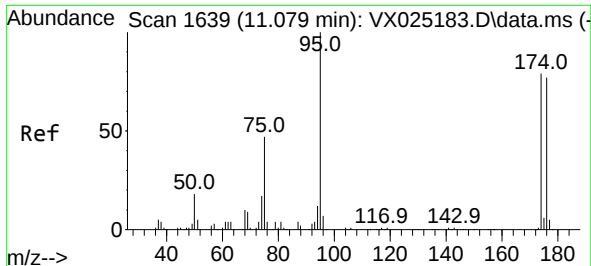
Tgt Ion: 98 Resp: 204515

Ion Ratio Lower Upper

98 100

100 66.8 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 45.037 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025492.D

Acq: 03 Dec 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20211202

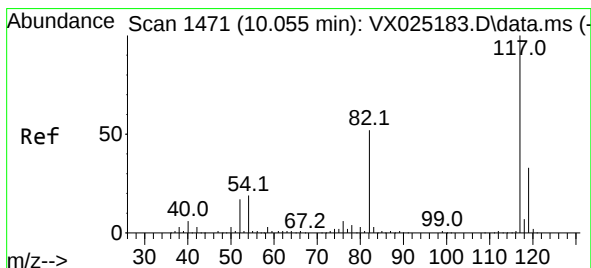
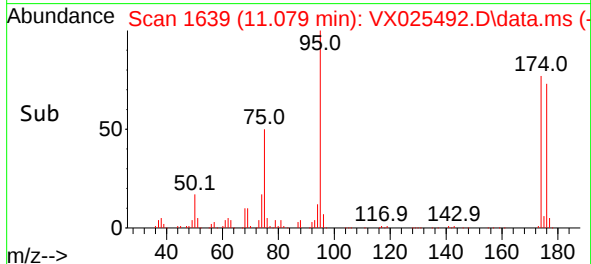
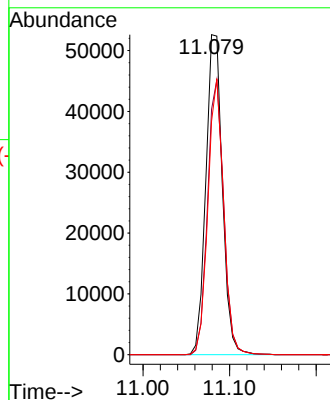
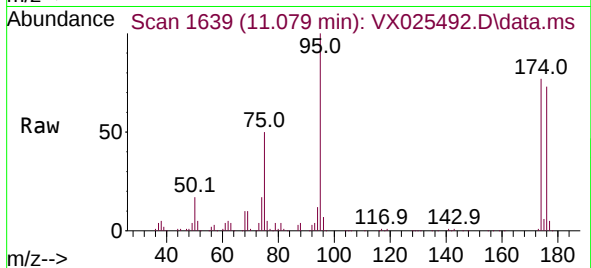
Tgt Ion: 95 Resp: 69745

Ion Ratio Lower Upper

95 100

174 83.7 0.0 158.0

176 82.0 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX025492.D

Acq: 03 Dec 2021 19:03

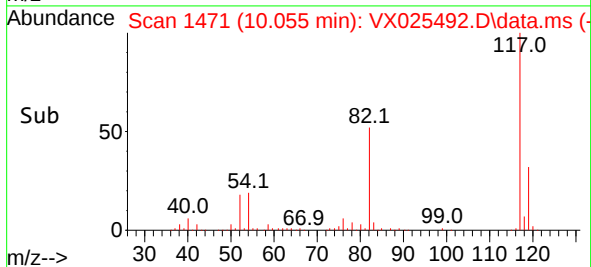
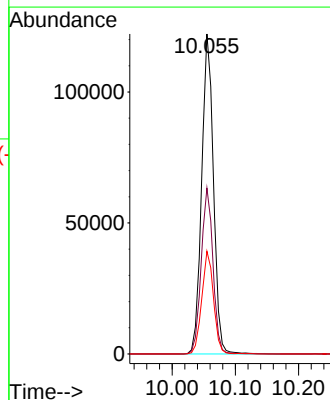
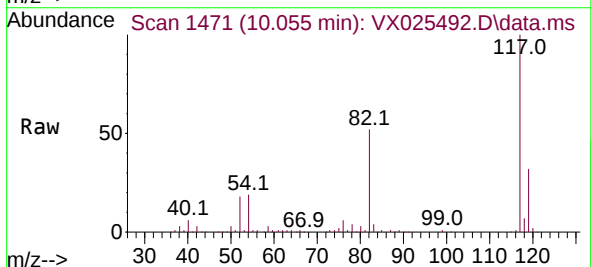
Tgt Ion: 117 Resp: 158757

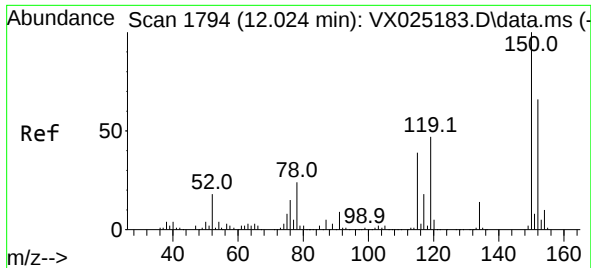
Ion Ratio Lower Upper

117 100

82 51.9 44.6 67.0

119 32.1 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025492.D

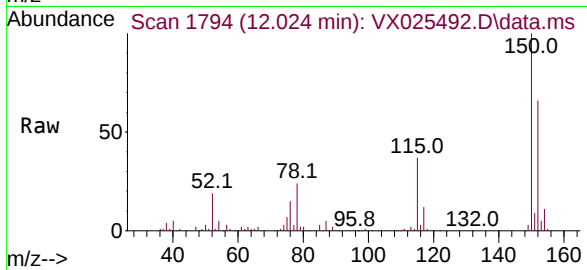
Acq: 03 Dec 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20211202



Tgt Ion:152 Resp: 67923

Ion Ratio Lower Upper

152 100

115 57.9 43.3 129.8

150 157.3 0.0 351.2

