

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025495.D
 Acq On : 03 Dec 2021 20:13
 Operator : JC/MD
 Sample : M4924-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20211202

Quant Time: Dec 04 06:54:20 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)

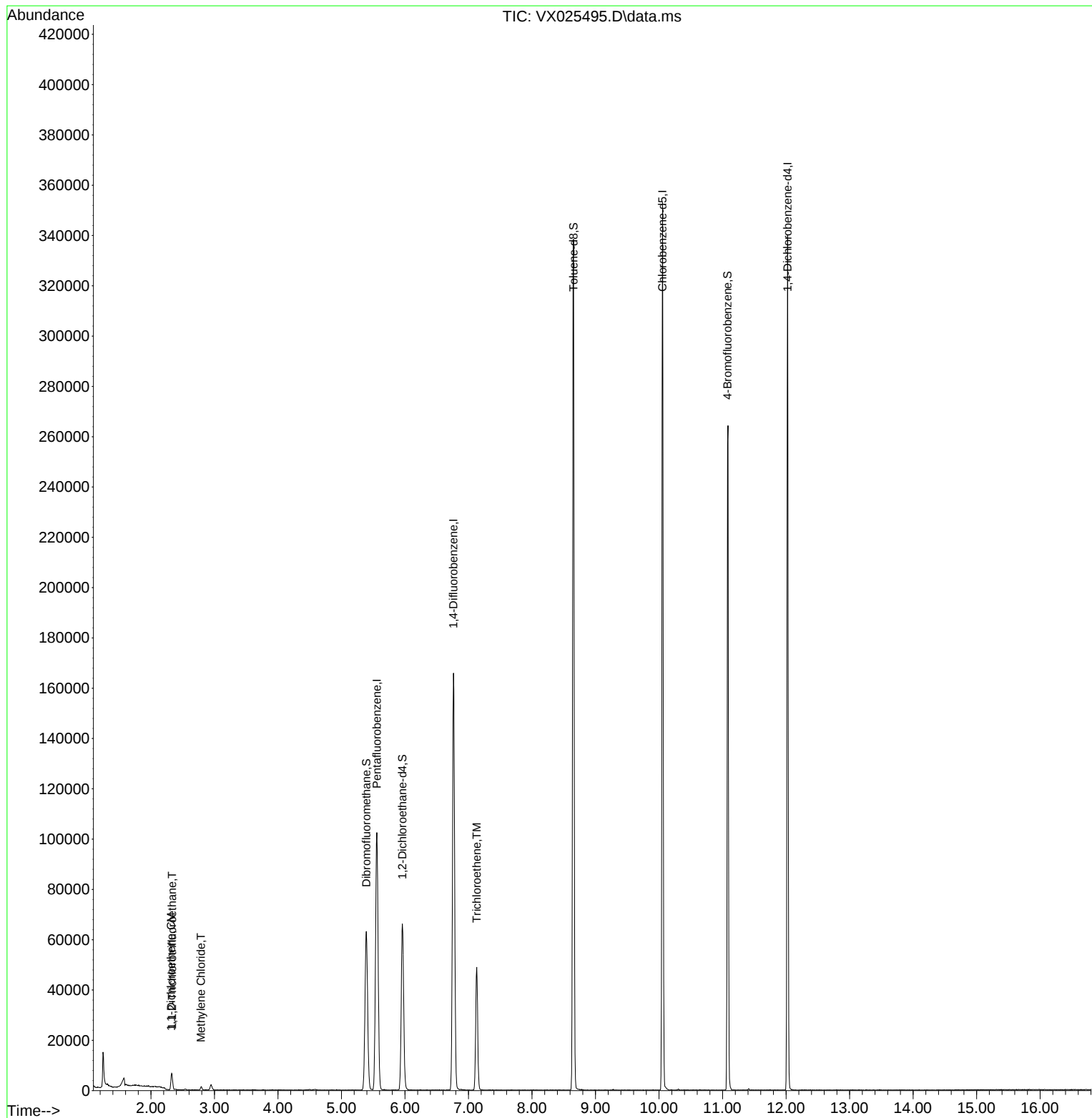
Internal Standards						
1) Pentafluorobenzene	5.556	168	104130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62273	56.736	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.480%
35) Dibromofluoromethane	5.391	113	55050	50.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.780%
50) Toluene-d8	8.653	98	204925	49.890	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.079	95	72812	46.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.720%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1897	1.958	ug/l	99
12) 1,1-Dichloroethene	2.319	96	896	0.928	ug/l	88
20) Methylene Chloride	2.788	84	631	0.550	ug/l #	74
44) Trichloroethene	7.129	130	20260	14.820	ug/l	92

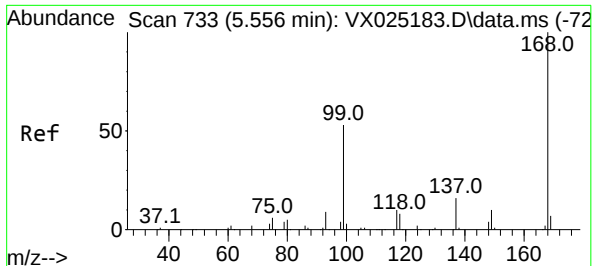
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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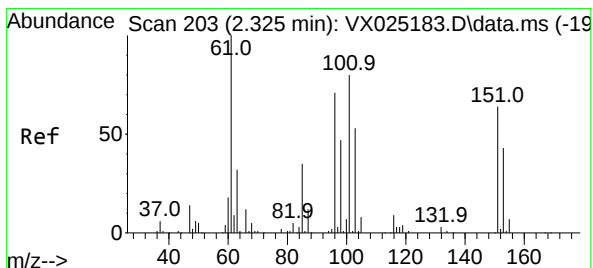
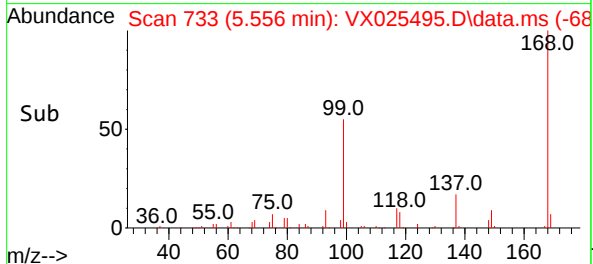
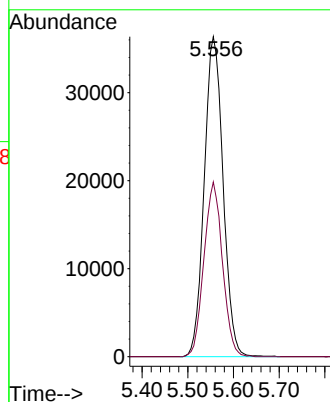
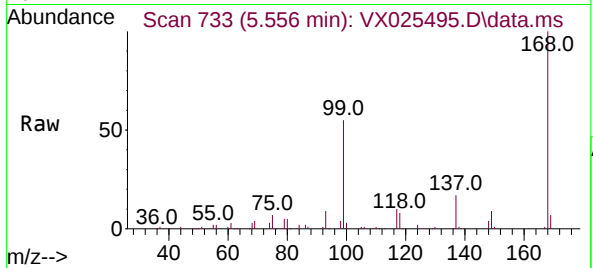




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

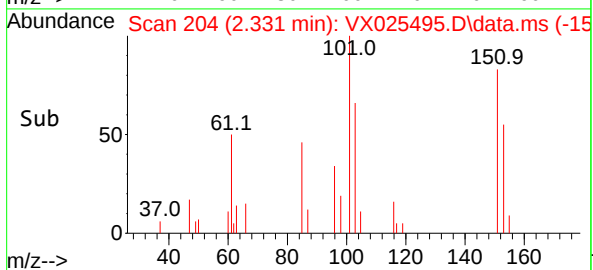
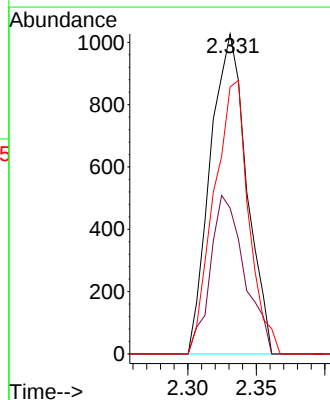
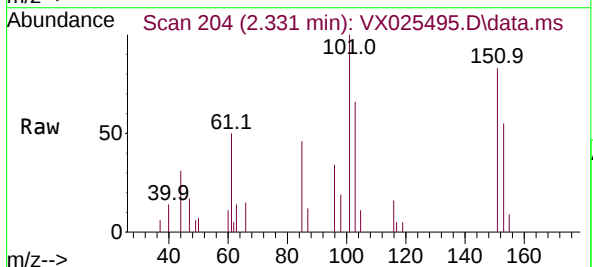
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20211202

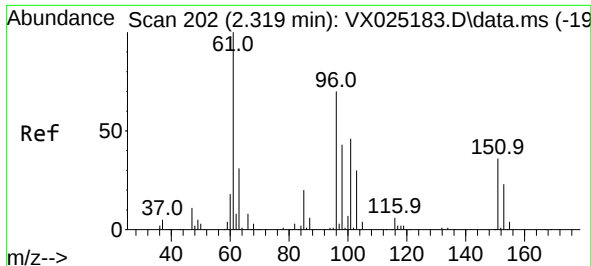
Tgt Ion:168 Resp: 104130
Ion Ratio Lower Upper
168 100
99 54.6 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.958 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion:101 Resp: 1897
Ion Ratio Lower Upper
101 100
85 46.4 35.9 53.9
151 81.3 64.4 96.6





#12

1,1-Dichloroethene

Concen: 0.928 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025495.D

Acq: 03 Dec 2021 20:13

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20211202

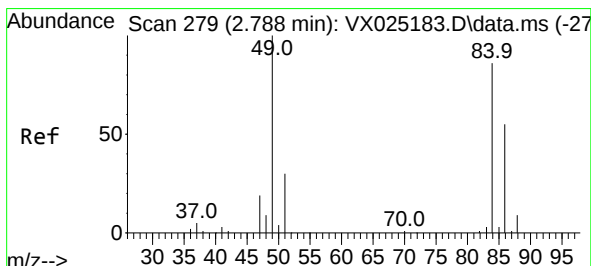
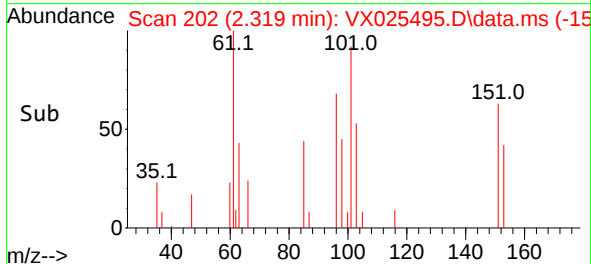
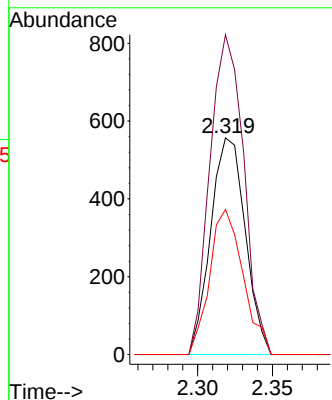
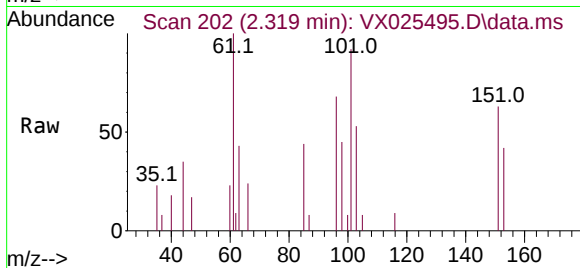
Tgt Ion: 96 Resp: 896

Ion Ratio Lower Upper

96 100

61 147.6 134.1 201.1

98 67.0 51.5 77.3



#20

Methylene Chloride

Concen: 0.550 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX025495.D

Acq: 03 Dec 2021 20:13

Tgt Ion: 84 Resp: 631

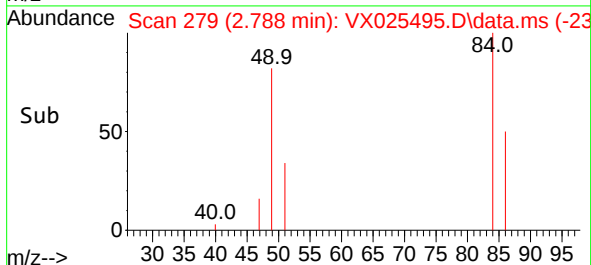
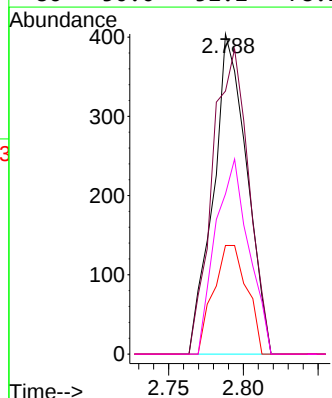
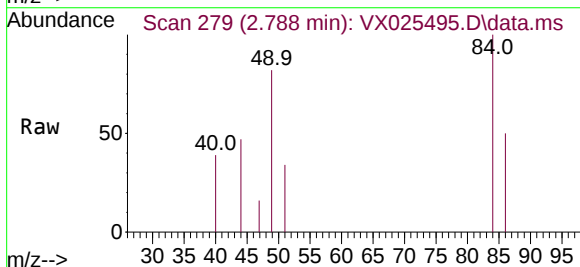
Ion Ratio Lower Upper

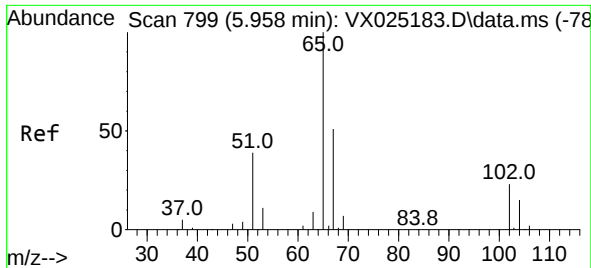
84 100

49 82.2 98.2 147.2#

51 33.9 30.2 45.4

86 50.0 52.2 78.2#





#33

1,2-Dichloroethane-d4

Concen: 56.736 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025495.D

Acq: 03 Dec 2021 20:13

Instrument :

MSVOA_X

ClientSampleId :

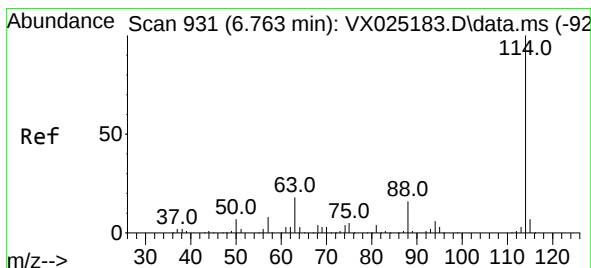
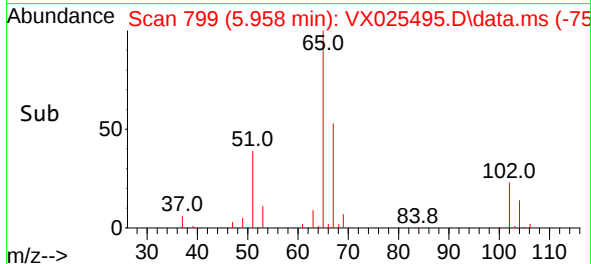
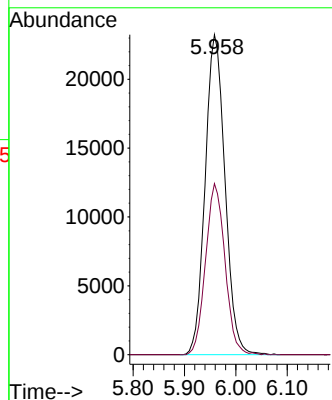
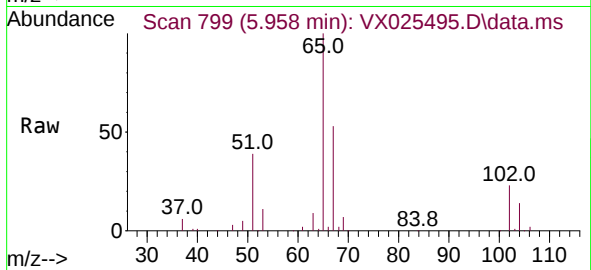
RE108D2-20211202

Tgt Ion: 65 Resp: 62273

Ion Ratio Lower Upper

65 100

67 52.3 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: VX025495.D

Acq: 03 Dec 2021 20:13

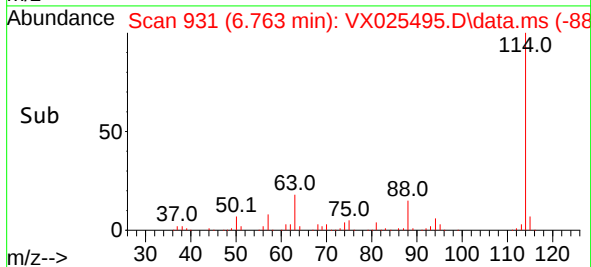
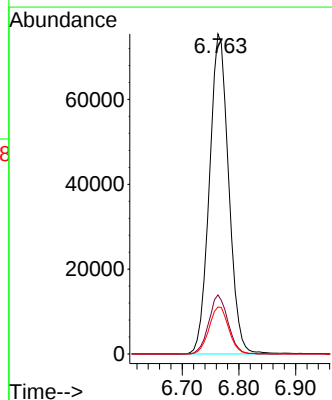
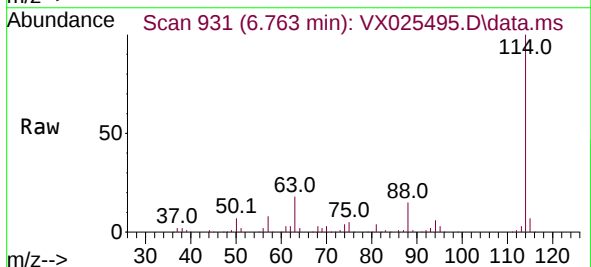
Tgt Ion: 114 Resp: 178051

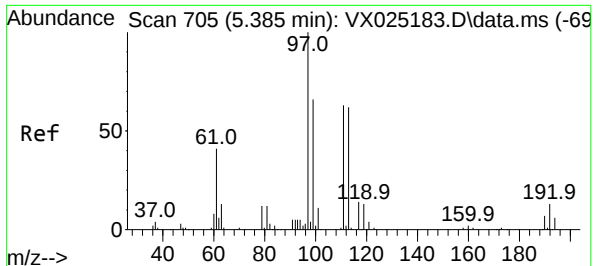
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.0

88 14.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.391 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025495.D

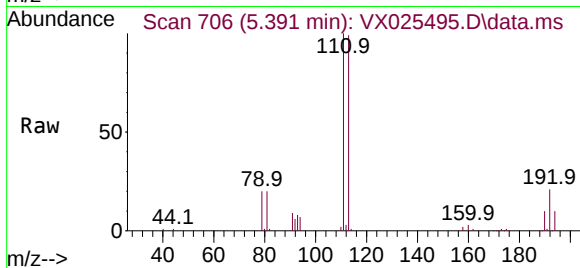
Acq: 03 Dec 2021 20:13

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20211202



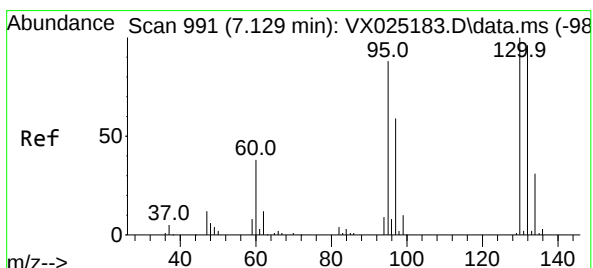
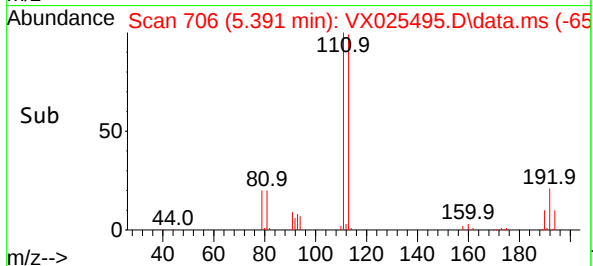
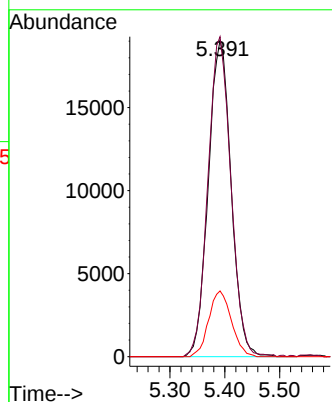
Tgt Ion:113 Resp: 55050

Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 20.7 15.6 23.4



#44

Trichloroethene

Concen: 14.820 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025495.D

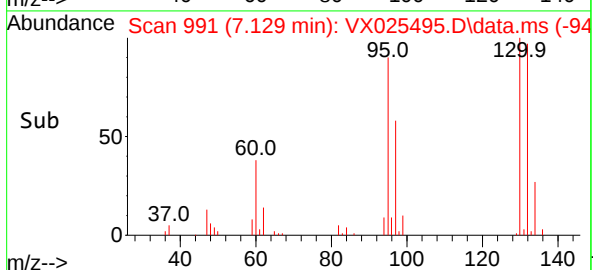
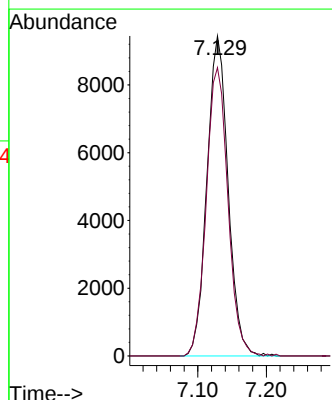
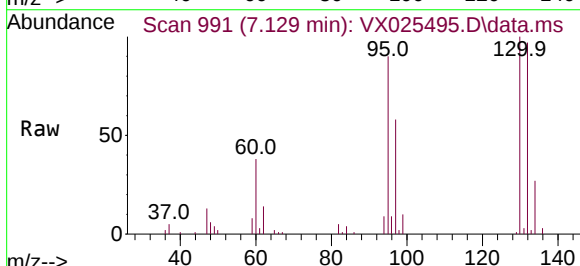
Acq: 03 Dec 2021 20:13

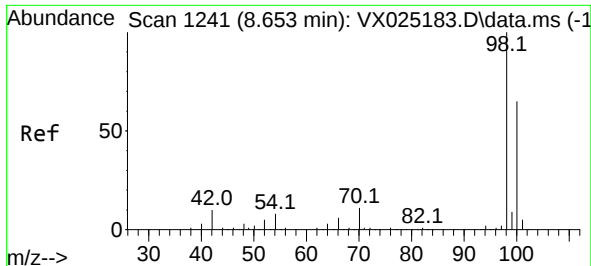
Tgt Ion:130 Resp: 20260

Ion Ratio Lower Upper

130 100

95 90.1 0.0 196.8

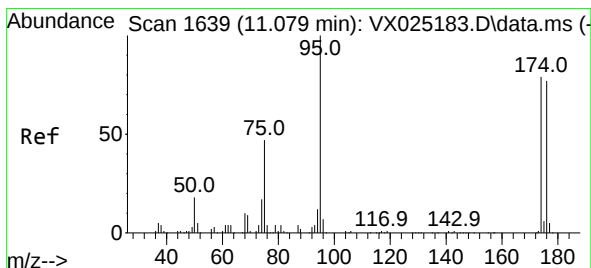
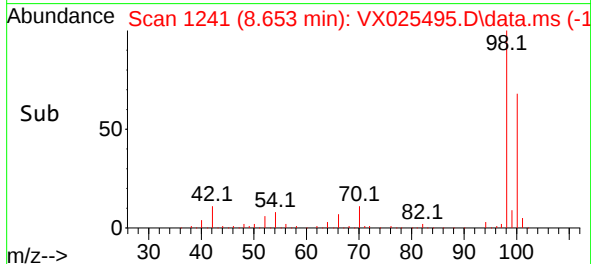
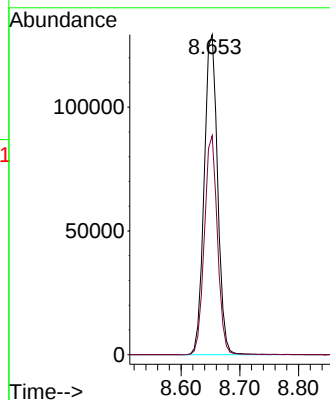
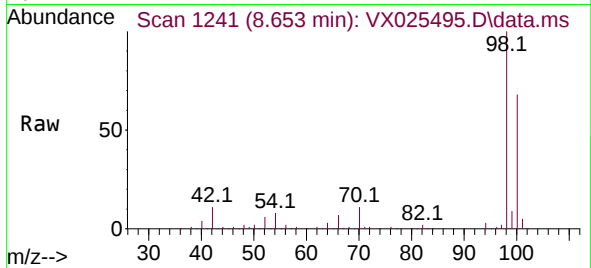




#50
Toluene-d8
Concen: 49.890 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

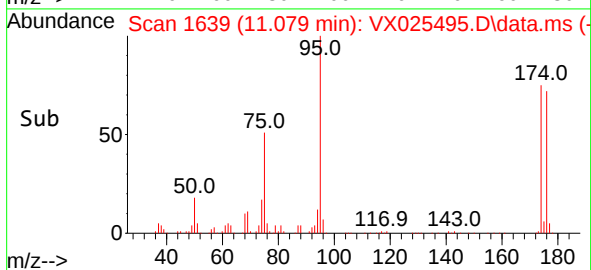
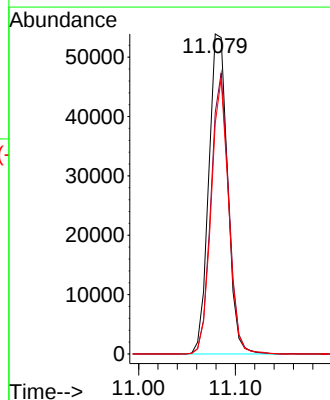
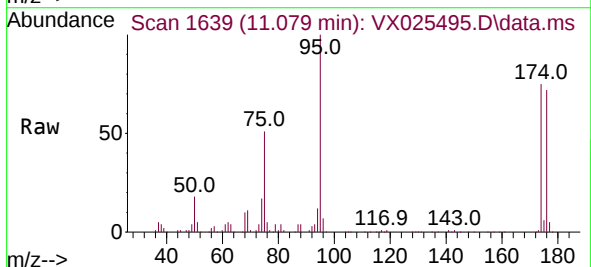
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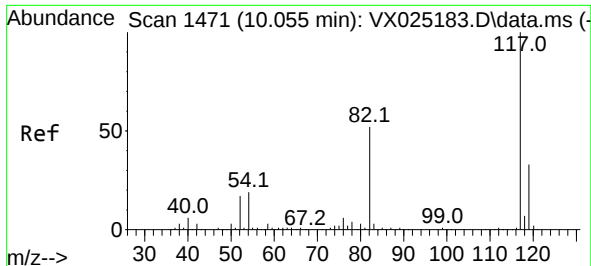
Tgt Ion: 98 Resp: 204925
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion: 95 Resp: 72812
Ion Ratio Lower Upper
95 100
174 83.2 0.0 158.0
176 79.8 0.0 153.6

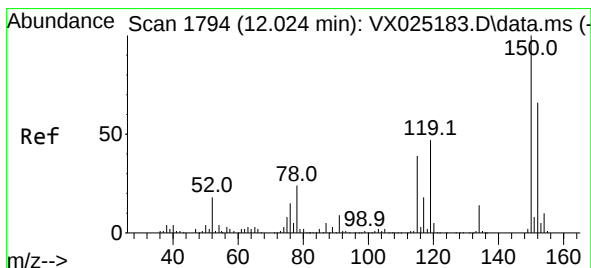
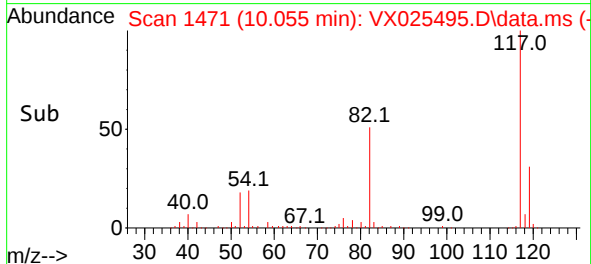
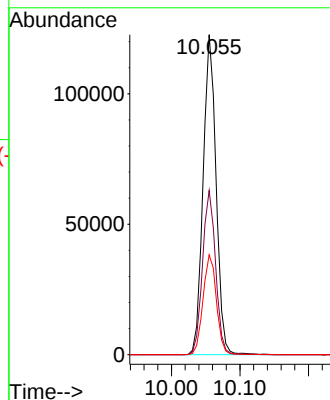
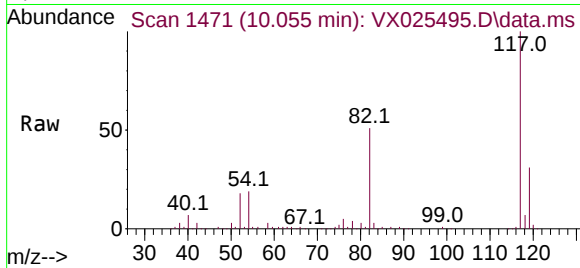




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Instrument :
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Tgt Ion:117 Resp: 162011
Ion Ratio Lower Upper
117 100
82 51.3 44.6 67.0
119 31.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion:152 Resp: 72203
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.8
150 154.7 0.0 351.2

