

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025508.D
 Acq On : 04 Dec 2021 02:03
 Operator : JC/MD
 Sample : M4923-16DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20211201DL

Quant Time: Dec 04 11:08:55 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)

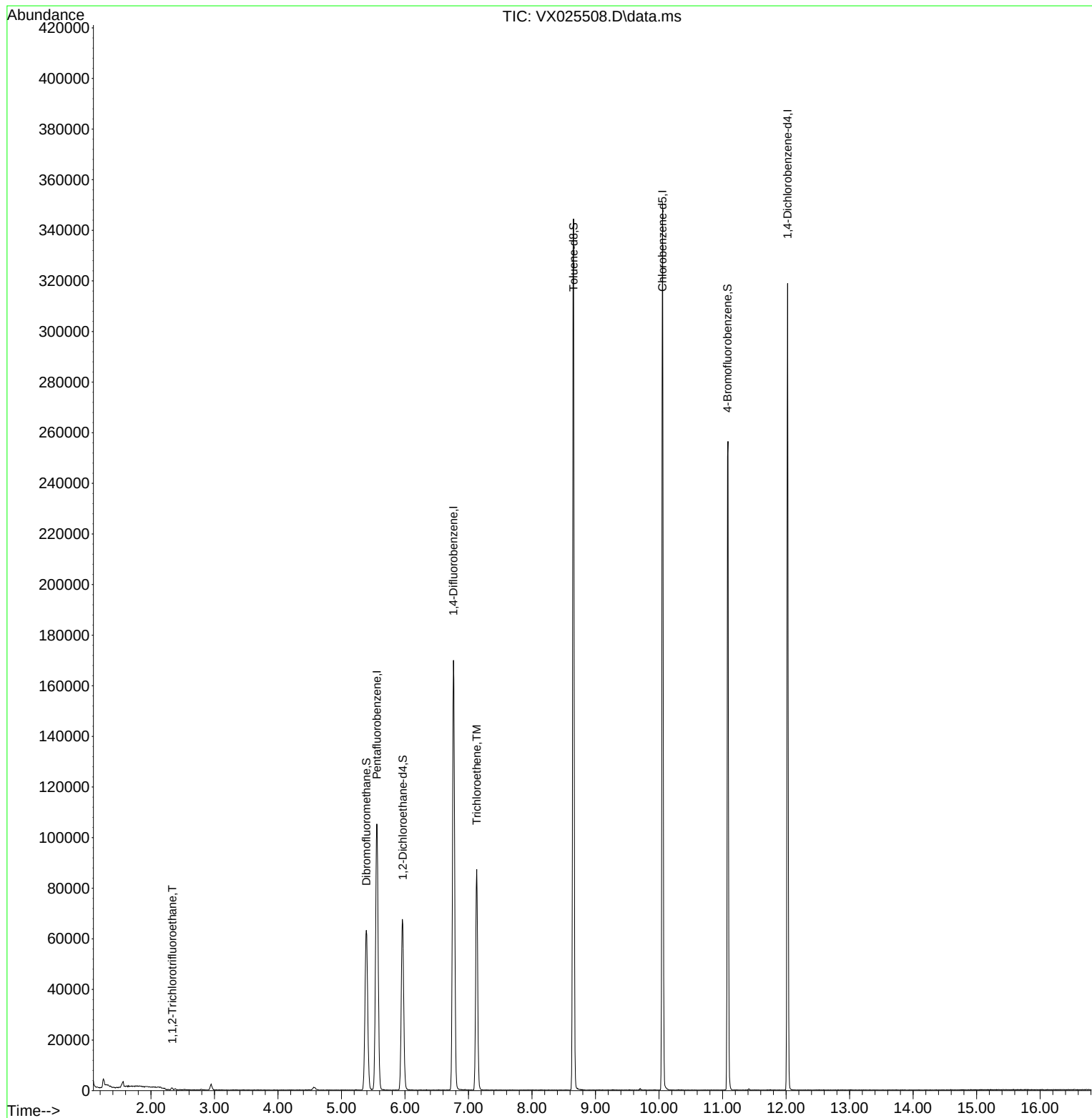
Internal Standards						
1) Pentafluorobenzene	5.556	168	106679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64373	57.247	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.500%
35) Dibromofluoromethane	5.391	113	56058	50.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	8.653	98	208487	49.480	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.079	95	69895	43.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.700%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.337	101	322	0.324	ug/l	93
44) Trichloroethene	7.129	130	35475	25.297	ug/l	95

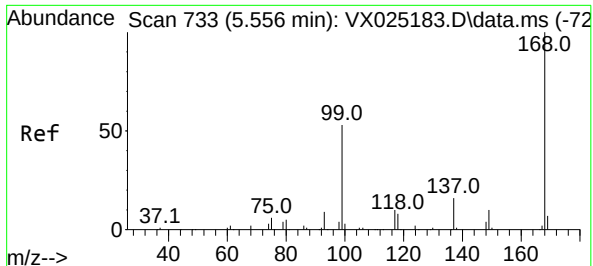
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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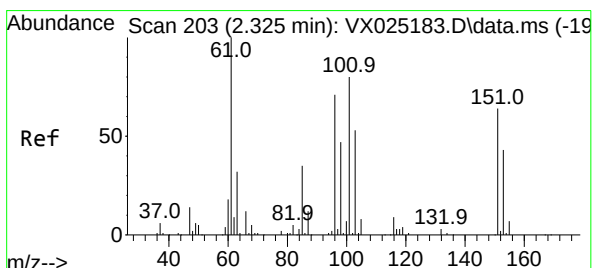
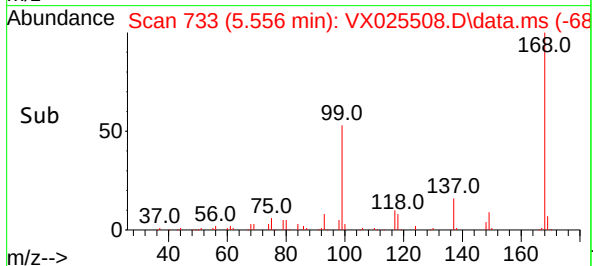
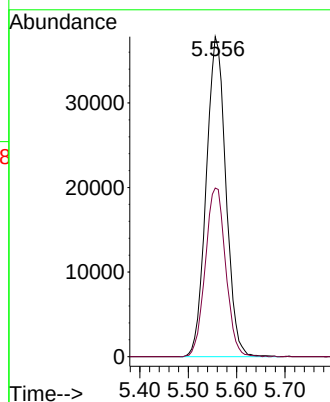
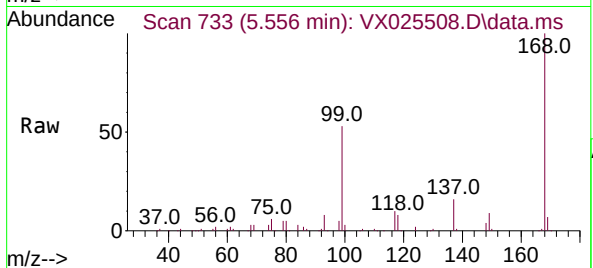




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

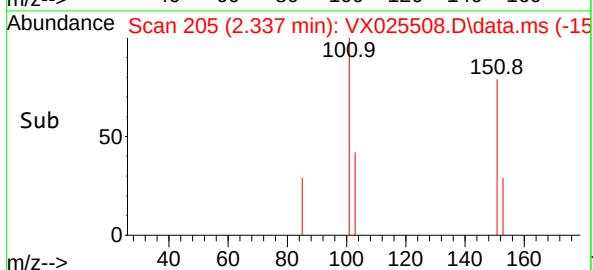
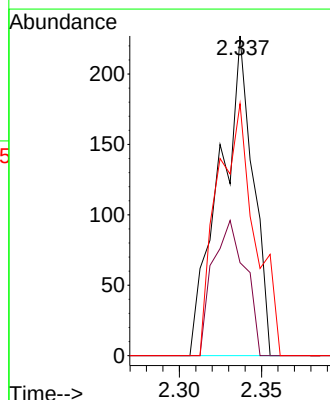
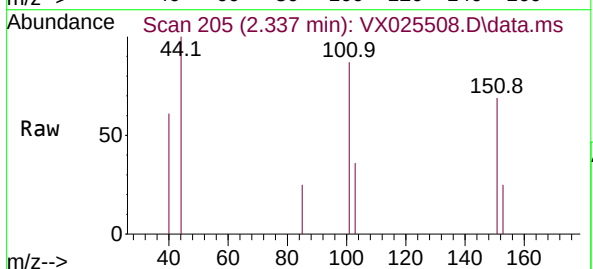
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20211201DL

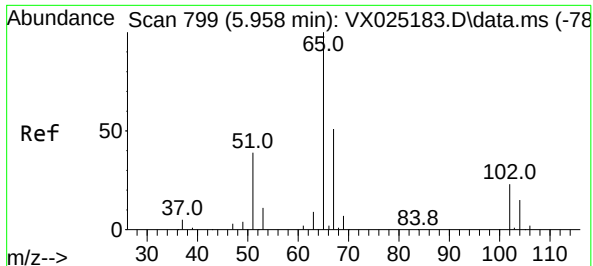
Tgt Ion:168 Resp: 106679
Ion Ratio Lower Upper
168 100
99 52.7 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.324 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Tgt Ion:101 Resp: 322
Ion Ratio Lower Upper
101 100
85 41.0 35.9 53.9
151 87.9 64.4 96.6





#33

1,2-Dichloroethane-d4

Concen: 57.247 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025508.D

Acq: 04 Dec 2021 02:03

Instrument :

MSVOA_X

ClientSampleId :

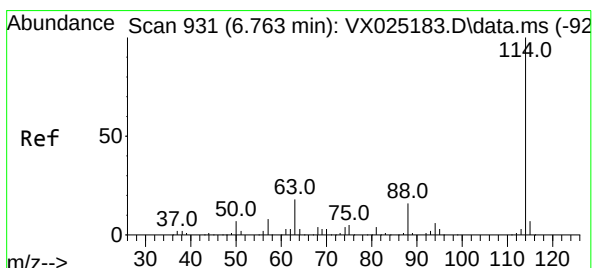
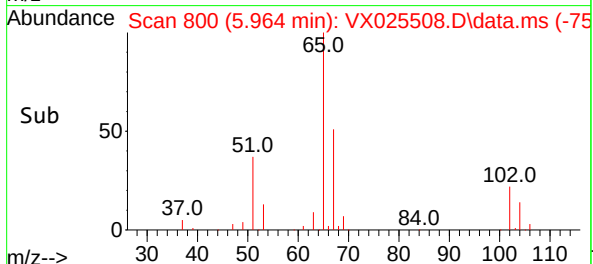
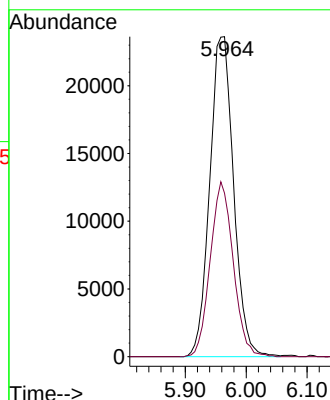
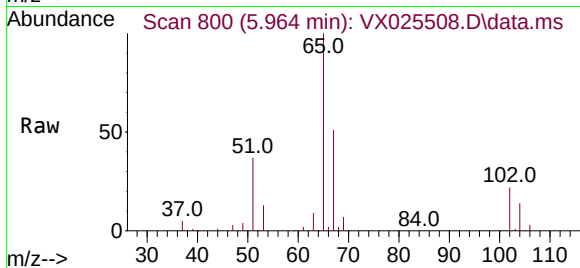
RE105D2-20211201DL

Tgt Ion: 65 Resp: 64373

Ion Ratio Lower Upper

65 100

67 52.7 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: VX025508.D

Acq: 04 Dec 2021 02:03

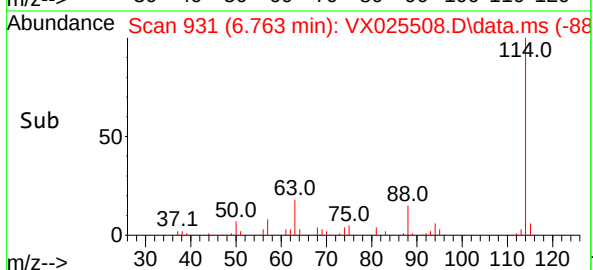
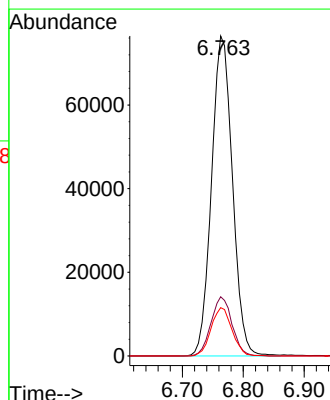
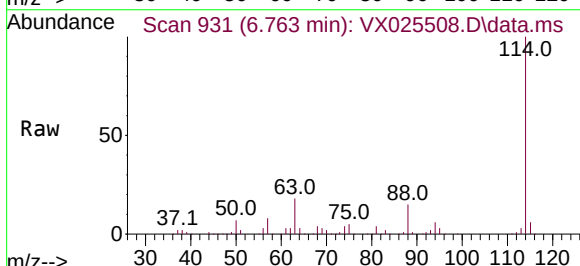
Tgt Ion: 114 Resp: 182648

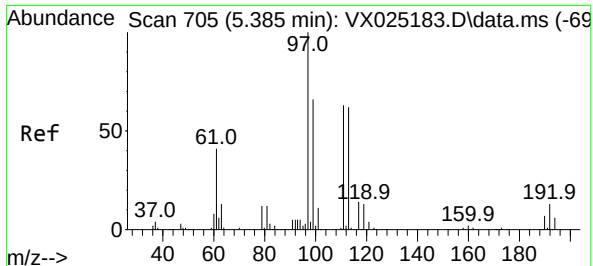
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.0

88 15.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.022 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025508.D

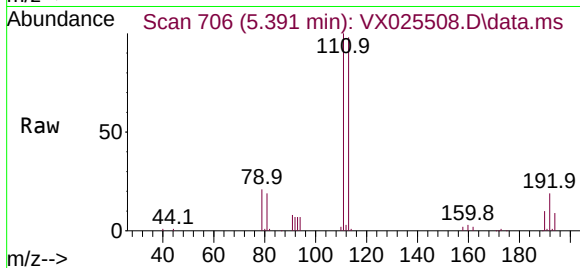
Acq: 04 Dec 2021 02:03

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20211201DL



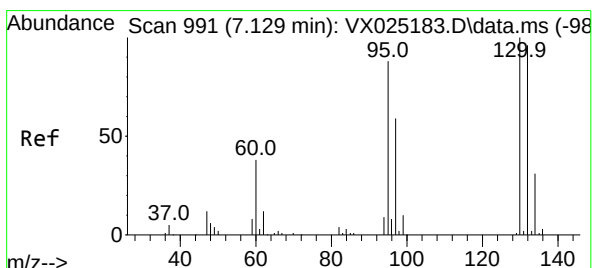
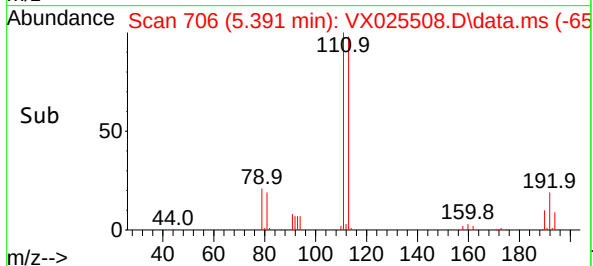
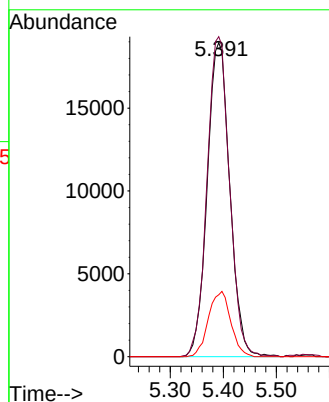
Tgt Ion:113 Resp: 56058

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 20.6 15.6 23.4



#44

Trichloroethene

Concen: 25.297 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025508.D

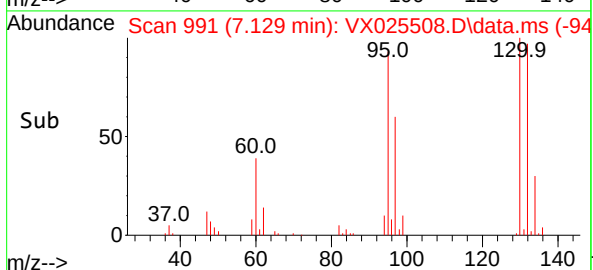
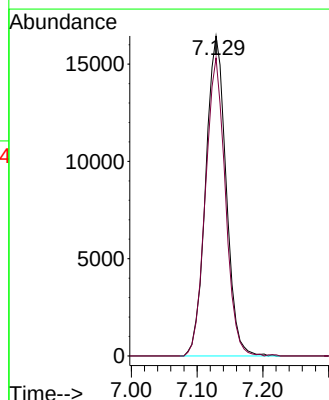
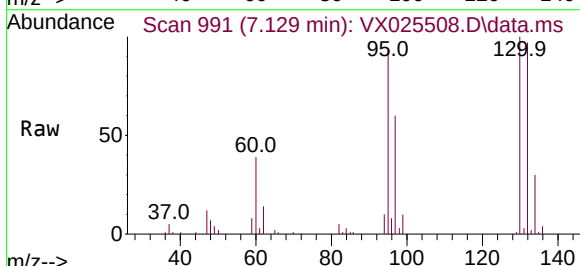
Acq: 04 Dec 2021 02:03

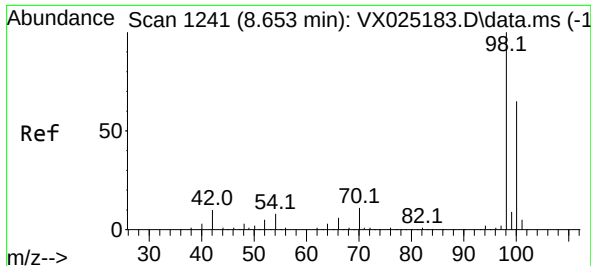
Tgt Ion:130 Resp: 35475

Ion Ratio Lower Upper

130 100

95 93.1 0.0 196.8

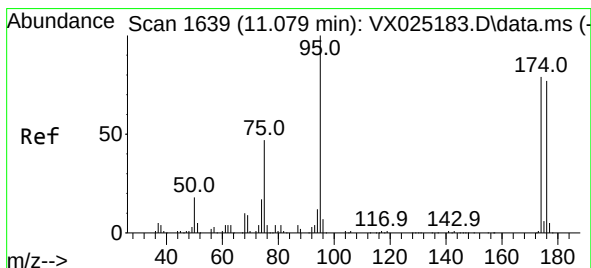
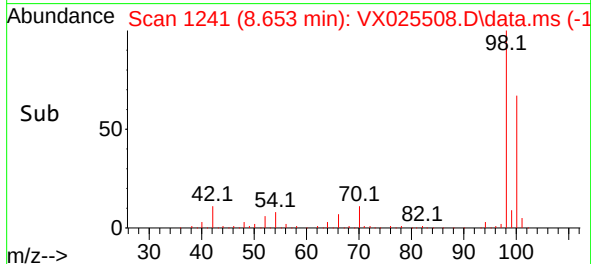
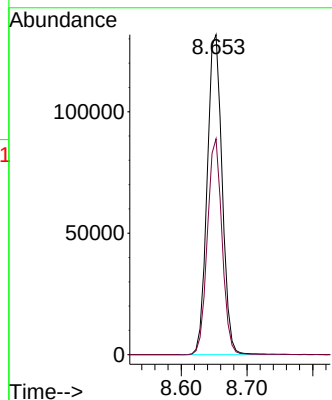
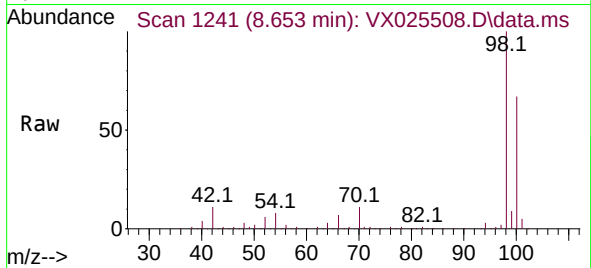




#50
Toluene-d8
Concen: 49.480 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

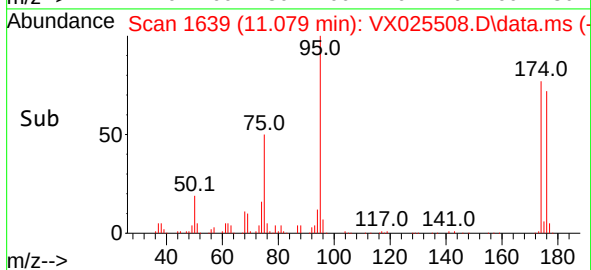
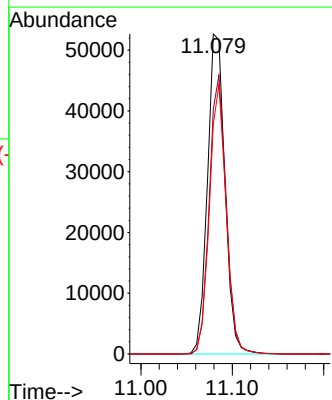
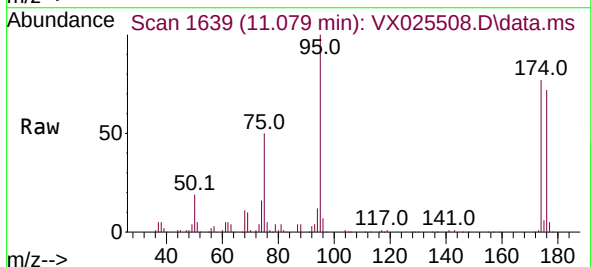
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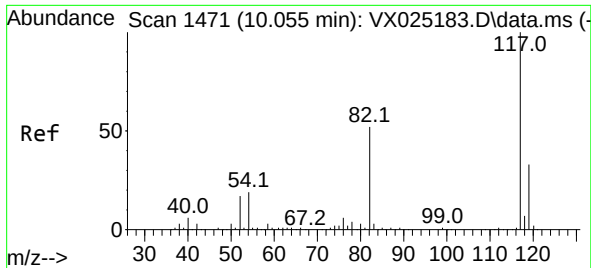
Tgt Ion: 98 Resp: 208487
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Tgt Ion: 95 Resp: 69895
Ion Ratio Lower Upper
95 100
174 84.5 0.0 158.0
176 80.7 0.0 153.6

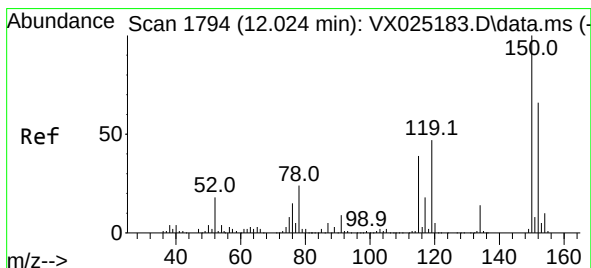
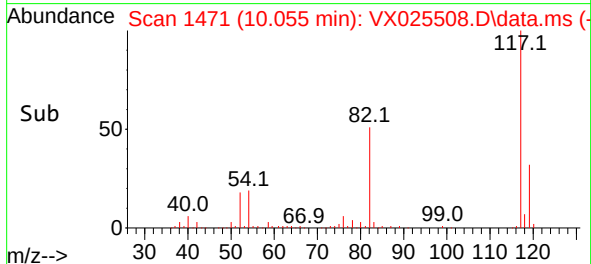
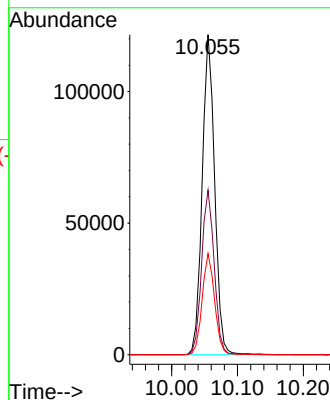
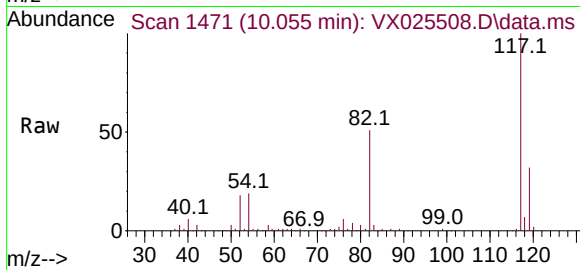




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Instrument :
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Tgt Ion:117 Resp: 159919
Ion Ratio Lower Upper
117 100
82 51.4 44.6 67.0
119 31.6 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: VX025508.D
Acq: 04 Dec 2021 02:03

Tgt Ion:152 Resp: 67758
Ion Ratio Lower Upper
152 100
115 57.1 43.3 129.8
150 157.5 0.0 351.2

