

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025816.D
 Acq On : 15 Dec 2021 15:52
 Operator : JC/MD
 Sample : M4988-11DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20211207DL

Quant Time: Dec 16 07:29:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

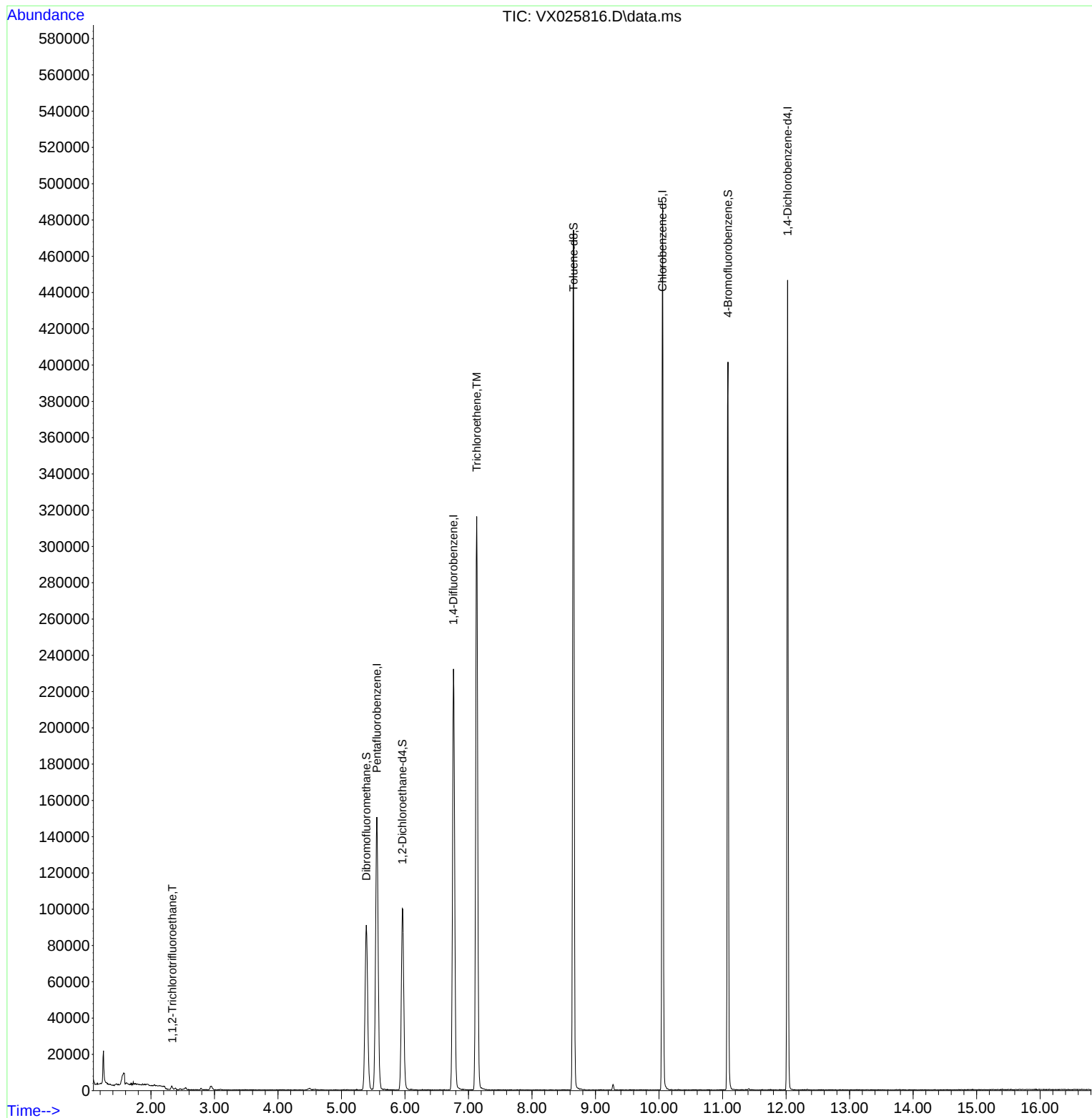
Internal Standards						
1) Pentafluorobenzene	5.556	168	138938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94217	47.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.260%
35) Dibromofluoromethane	5.391	113	78886	47.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	8.653	98	284501	46.836	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.680%
62) 4-Bromofluorobenzene	11.085	95	108793	47.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.300%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.337	101	692	0.468	ug/l	96
44) Trichloroethene	7.129	130	121334	64.622	ug/l	96

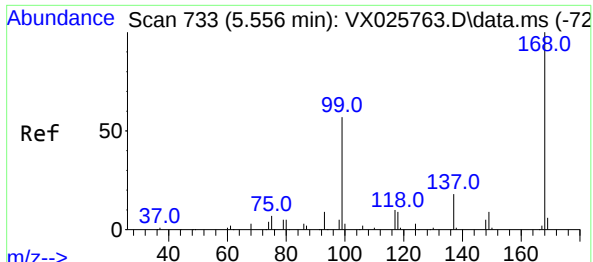
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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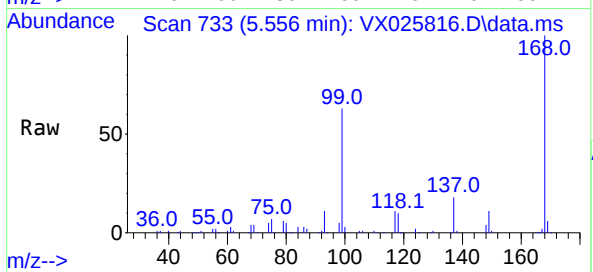
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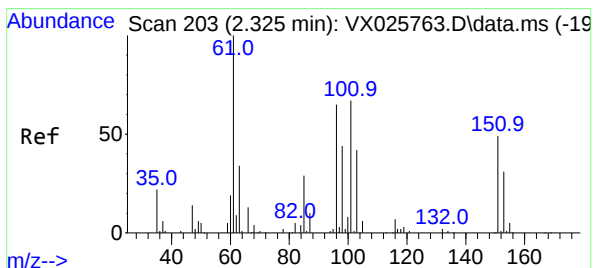
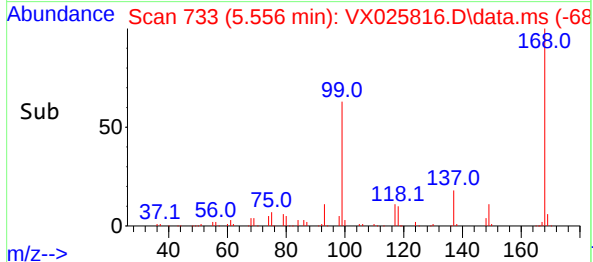
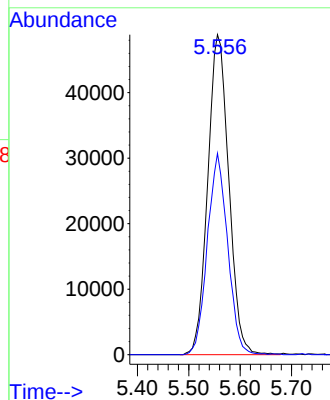


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025816.D
Acq: 15 Dec 2021 15:52

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20211207DL

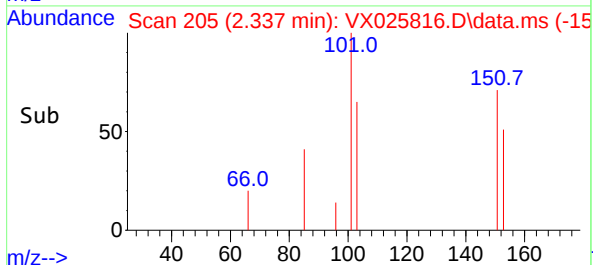
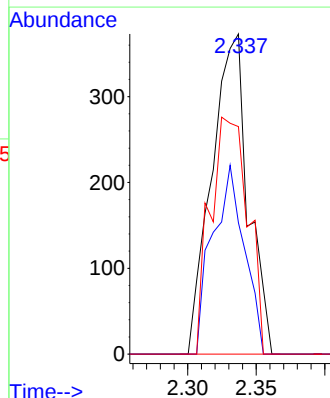
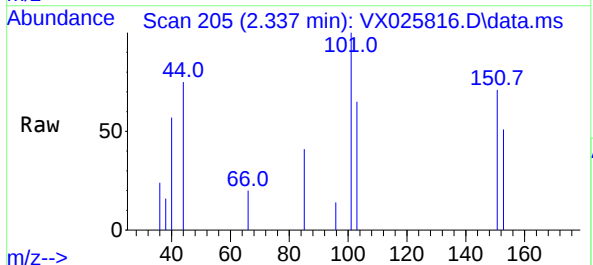


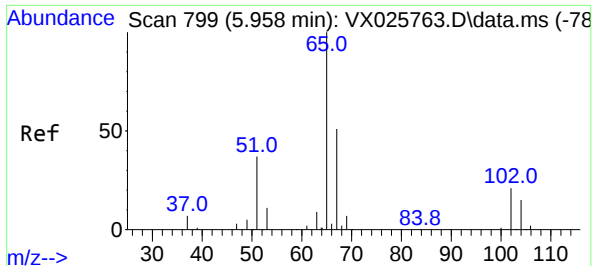
Tgt Ion:168 Resp: 138938
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.468 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX025816.D
Acq: 15 Dec 2021 15:52

Tgt Ion:101 Resp: 692
Ion Ratio Lower Upper
101 100
85 51.4 36.5 54.7
151 76.3 60.6 90.8





#33

1,2-Dichloroethane-d4

Concen: 47.130 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025816.D

Acq: 15 Dec 2021 15:52

Instrument :

MSVOA_X

ClientSampleId :

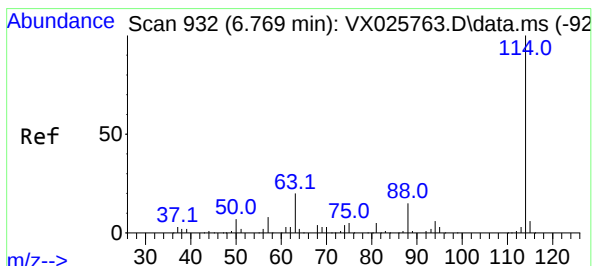
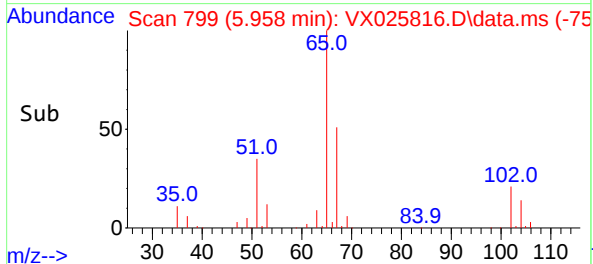
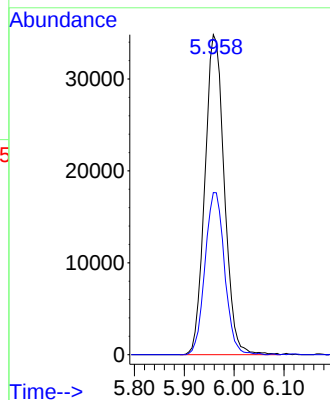
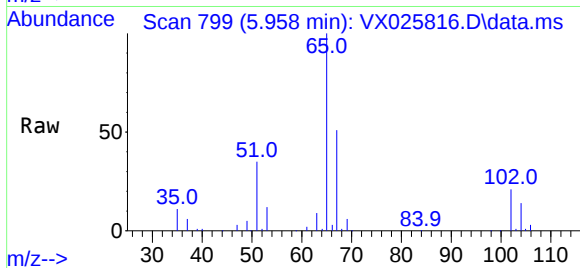
RE122D1-20211207DL

Tgt Ion: 65 Resp: 94217

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025816.D

Acq: 15 Dec 2021 15:52

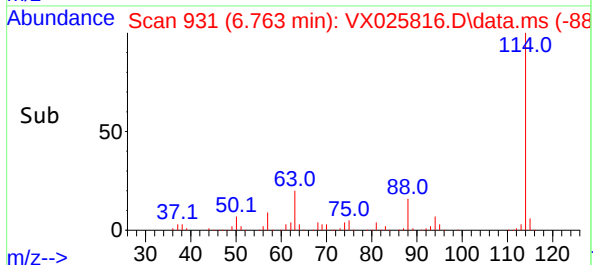
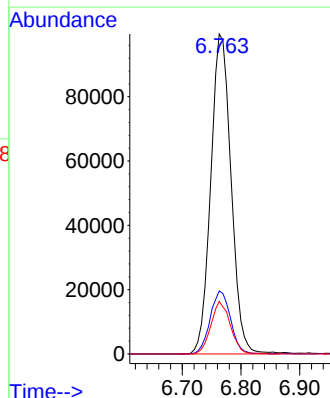
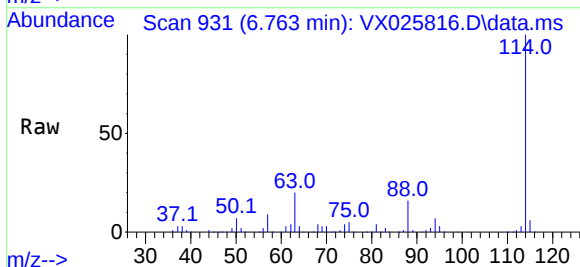
Tgt Ion: 114 Resp: 239053

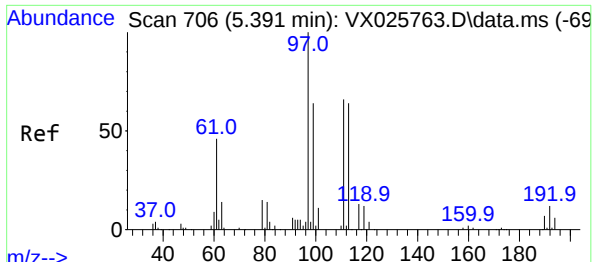
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.317 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025816.D

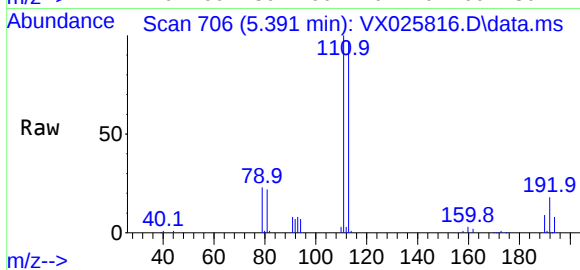
Acq: 15 Dec 2021 15:52

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20211207DL



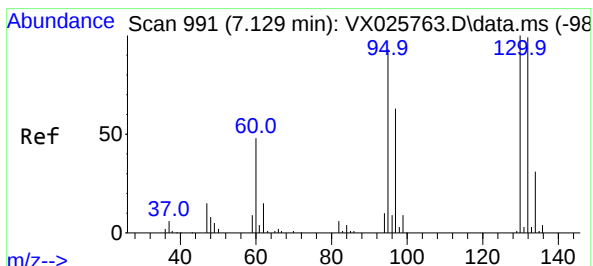
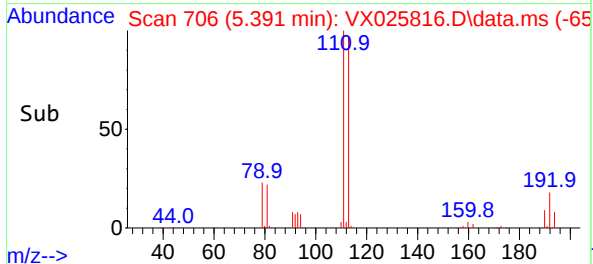
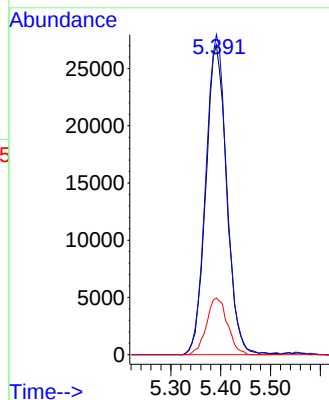
Tgt Ion:113 Resp: 78886

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 18.3 15.0 22.4



#44

Trichloroethene

Concen: 64.622 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025816.D

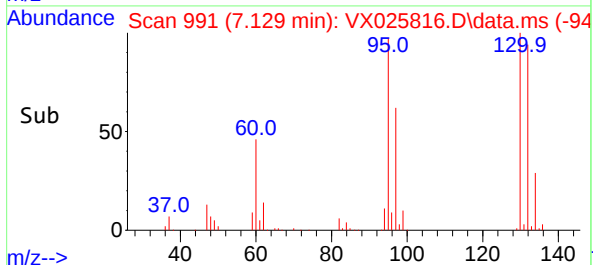
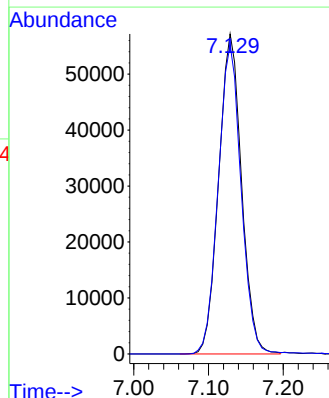
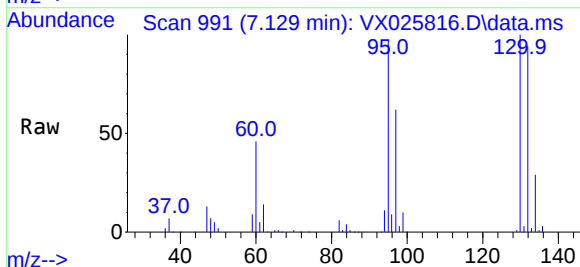
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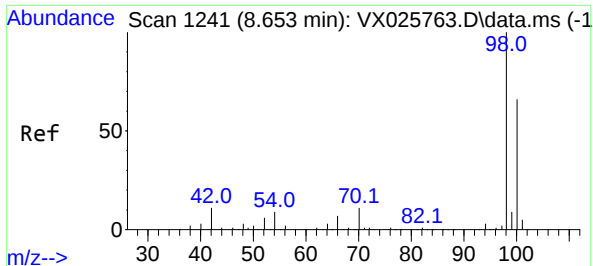
Tgt Ion:130 Resp: 121334

Ion Ratio Lower Upper

130 100

95 96.7 0.0 186.4

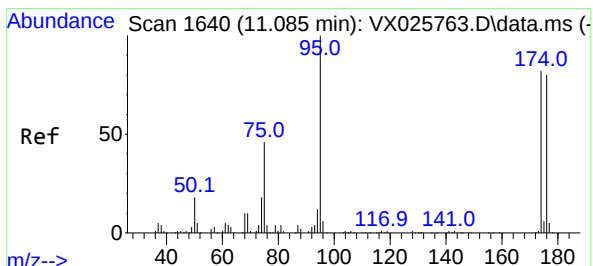
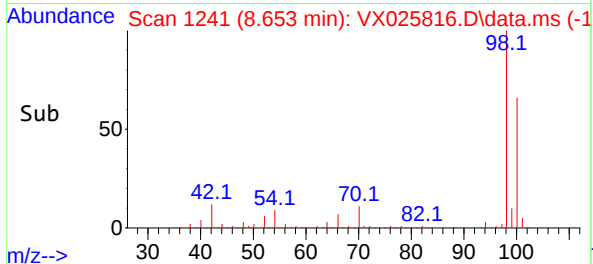
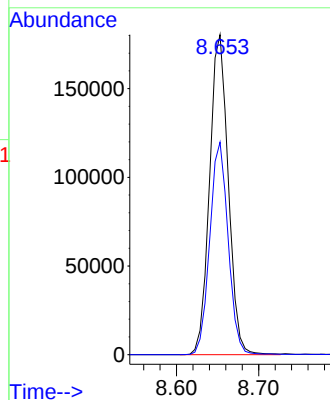
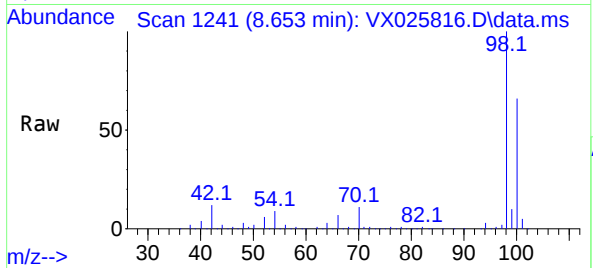




#50
Toluene-d8
Concen: 46.836 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025816.D
Acq: 15 Dec 2021 15:52

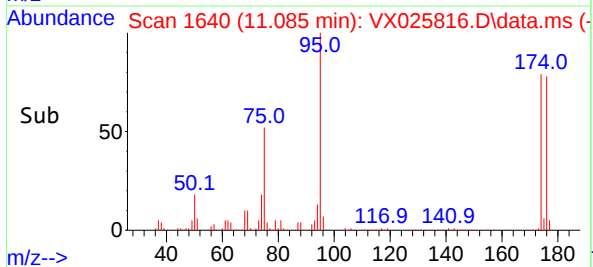
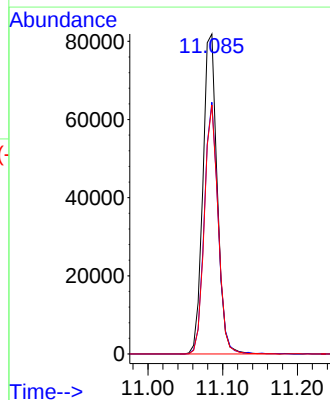
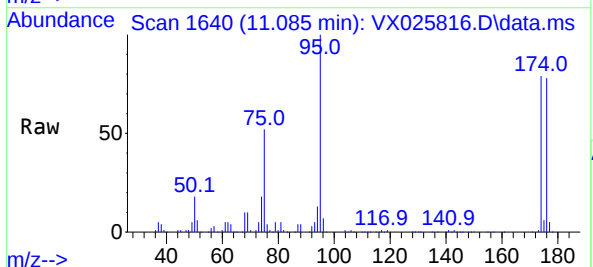
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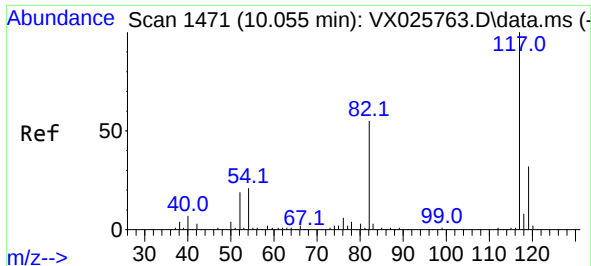
Tgt Ion: 98 Resp: 284501
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.149 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025816.D
Acq: 15 Dec 2021 15:52

Tgt Ion: 95 Resp: 108793
Ion Ratio Lower Upper
95 100
174 76.1 0.0 157.4
176 75.1 0.0 154.6

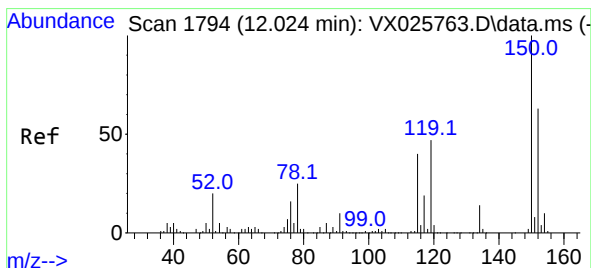
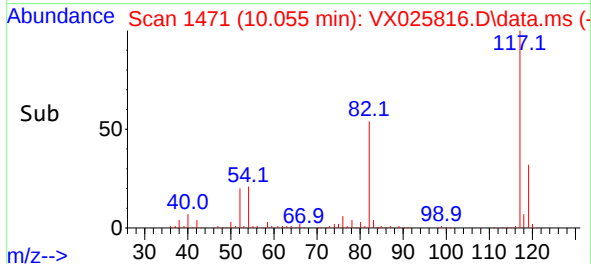
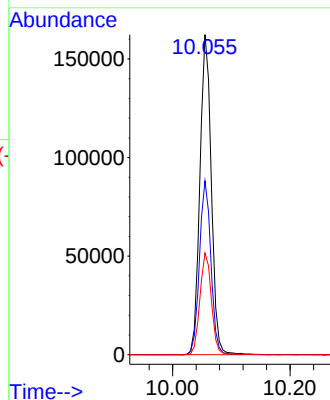
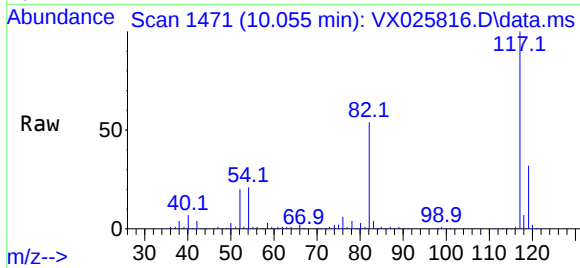




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025816.D
Acq: 15 Dec 2021 15:52

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20211207DL

Tgt Ion:117 Resp: 219143
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.6
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025816.D
Acq: 15 Dec 2021 15:52

Tgt Ion:152 Resp: 91868
Ion Ratio Lower Upper
152 100
115 59.7 41.3 123.9
150 158.1 0.0 351.8

