

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025858.D
 Acq On : 16 Dec 2021 16:18
 Operator : JC/MD
 Sample : M5084-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C8

Quant Time: Dec 17 02:32:04 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)

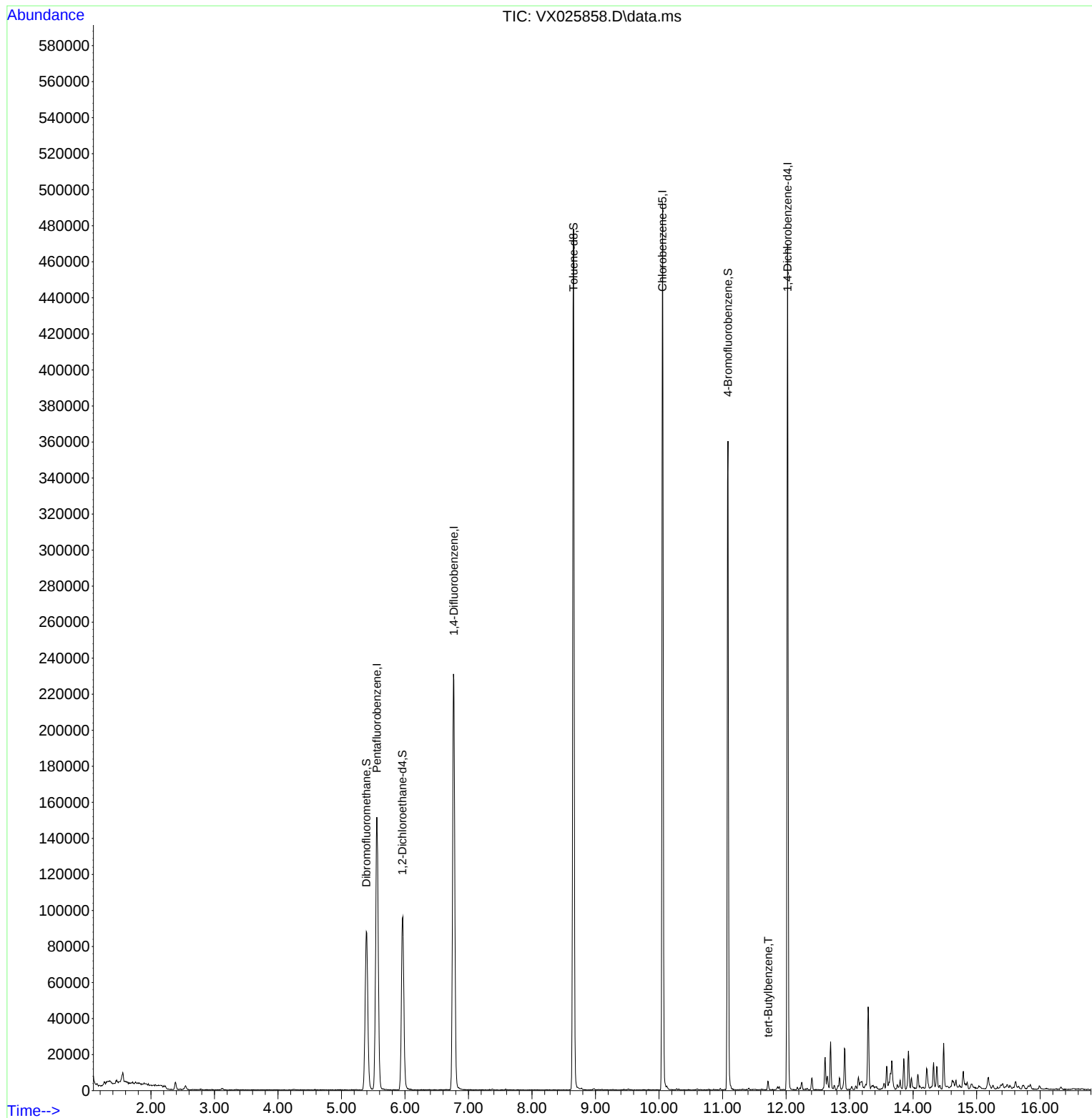
Internal Standards						
1) Pentafluorobenzene	5.556	168	142362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92429	45.124	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.240%
35) Dibromofluoromethane	5.391	113	76124	45.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.653	98	281003	45.983	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.960%#
62) 4-Bromofluorobenzene	11.085	95	97577	42.034	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.060%
Target Compounds						
83) tert-Butylbenzene	11.719	119	1903m	0.351	ug/l	Qvalue

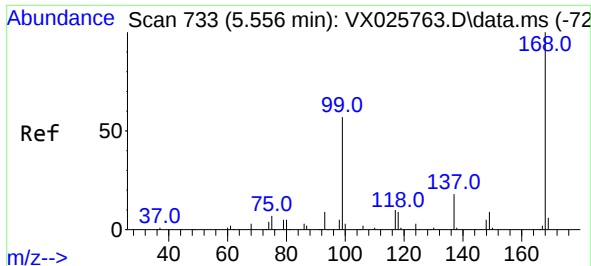
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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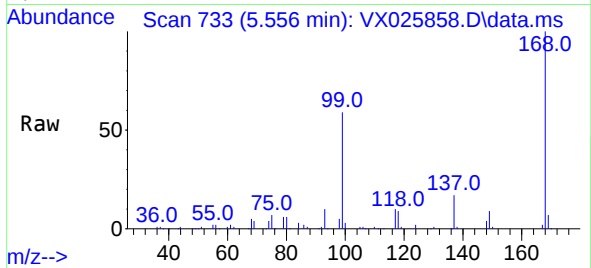
Quant Time: Dec 17 02:32:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
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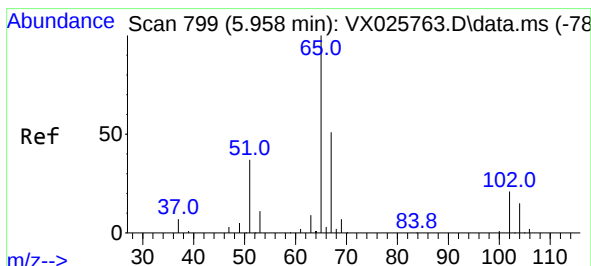
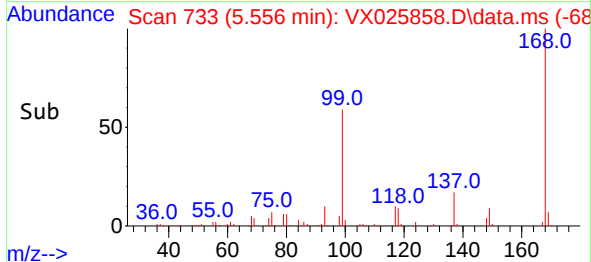
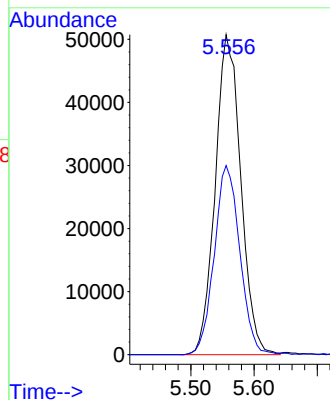


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :
C8

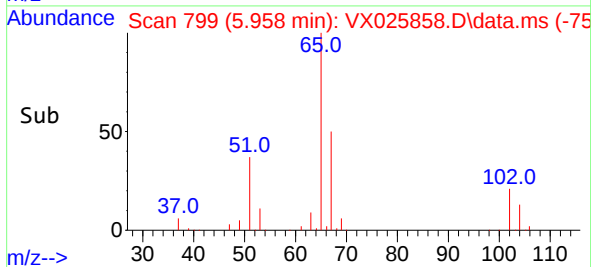
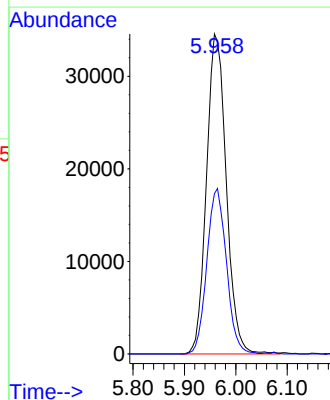
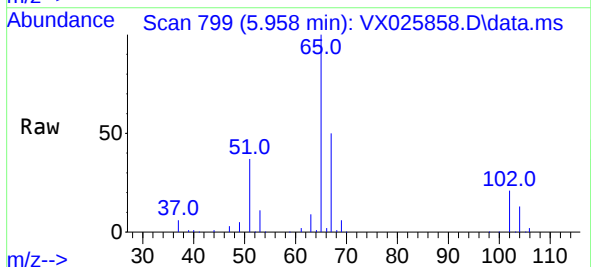


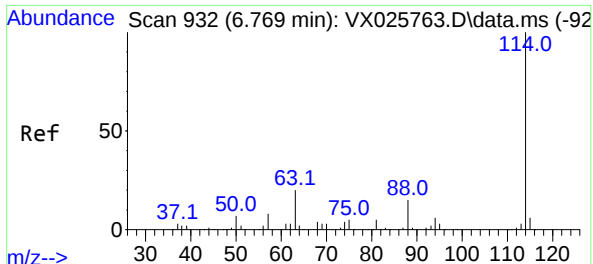
Tgt Ion:168 Resp: 142362
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 45.124 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Tgt Ion: 65 Resp: 92429
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

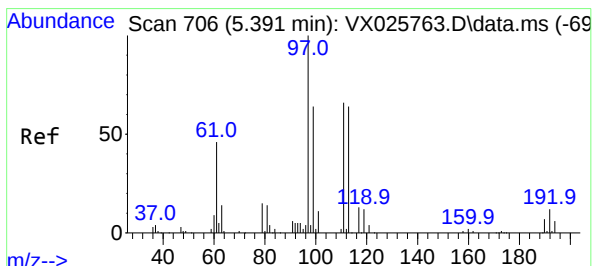
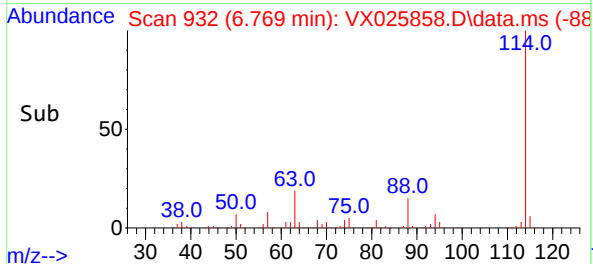
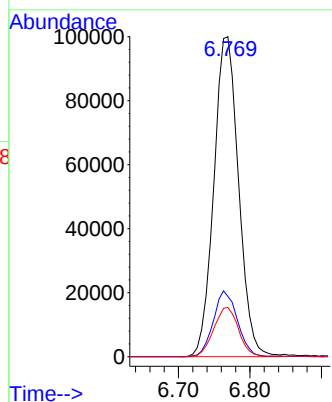
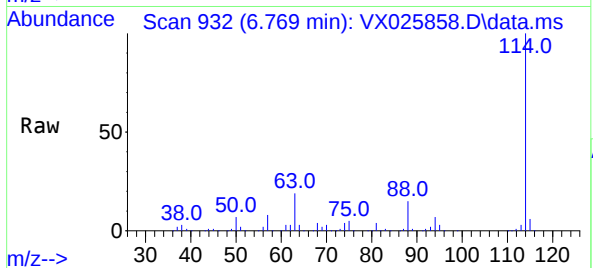




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

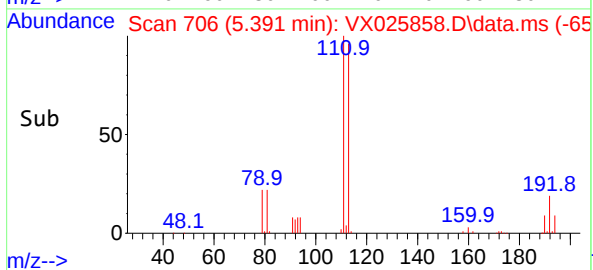
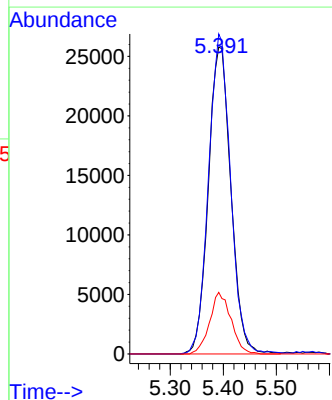
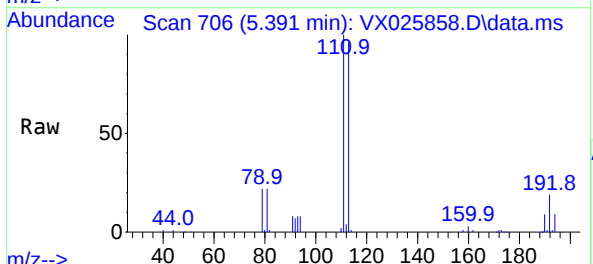
Instrument :
MSVOA_X
ClientSampleId :
C8

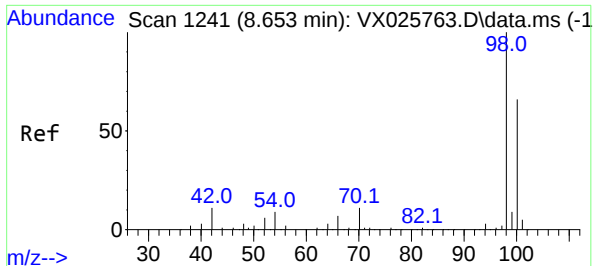
Tgt Ion:114 Resp: 240495
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.387 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Tgt Ion:113 Resp: 76124
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 19.0 15.0 22.4

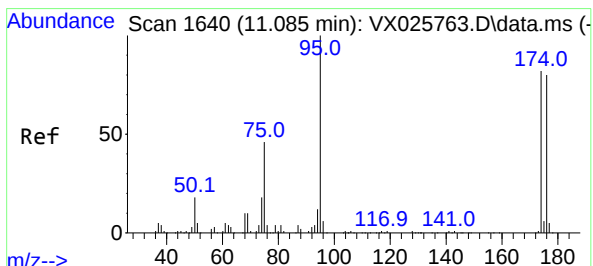
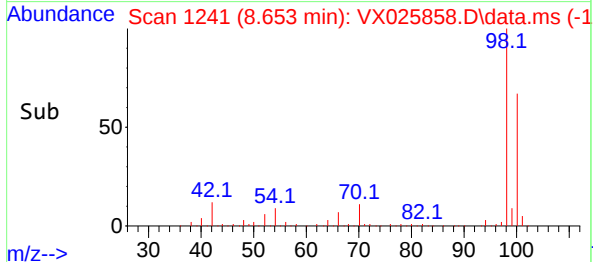
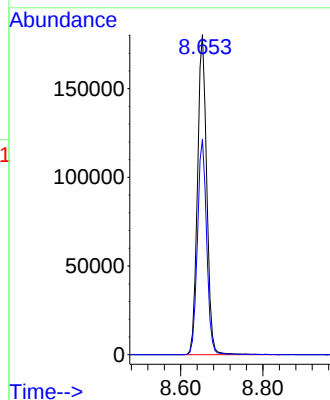
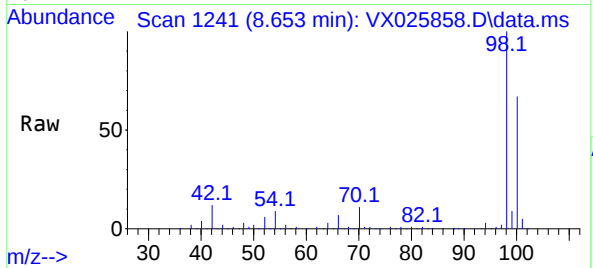




#50
Toluene-d8
Concen: 45.983 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

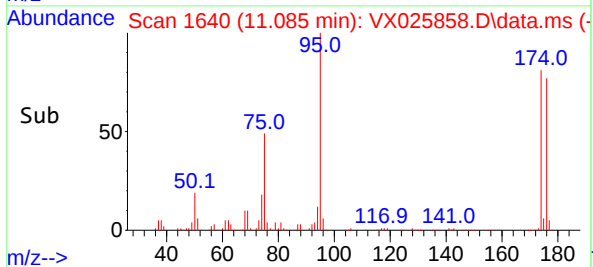
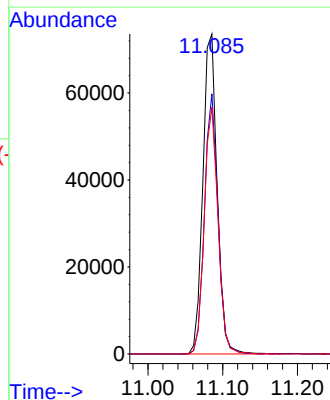
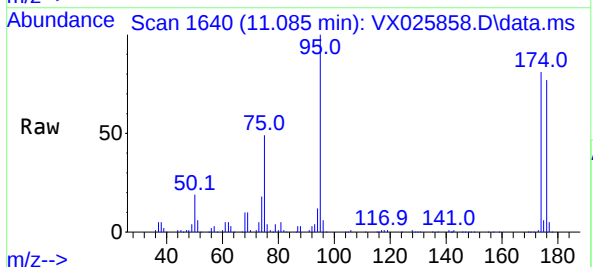
Instrument :
MSVOA_X
ClientSampleId :
C8

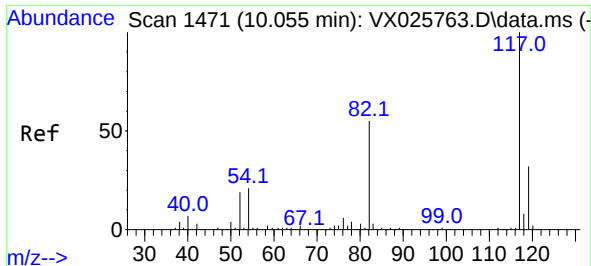
Tgt Ion: 98 Resp: 281003
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 42.034 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Tgt Ion: 95 Resp: 97577
Ion Ratio Lower Upper
95 100
174 76.8 0.0 157.4
176 74.1 0.0 154.6

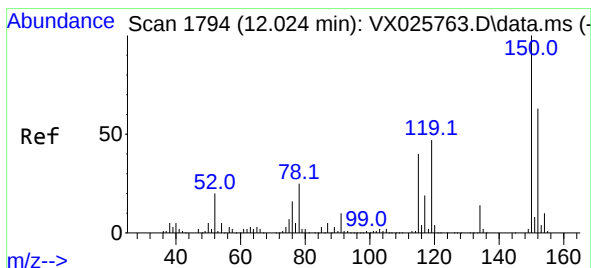
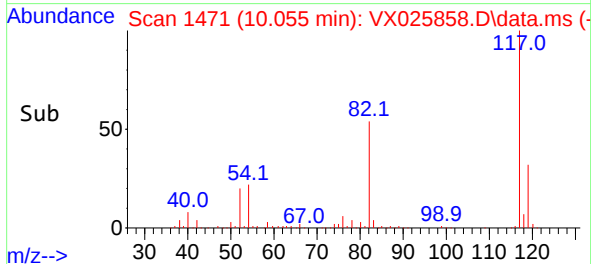
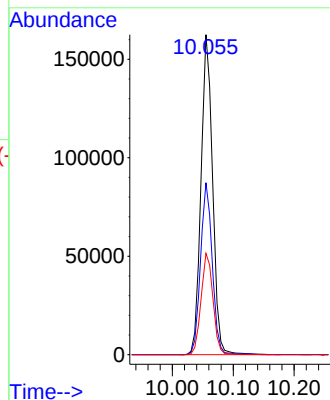
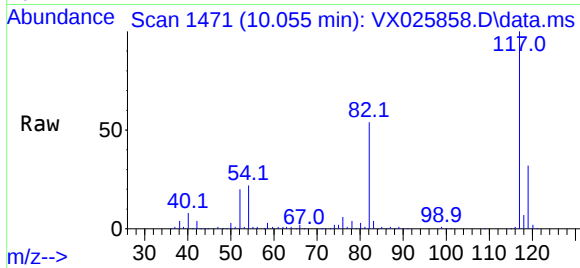




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

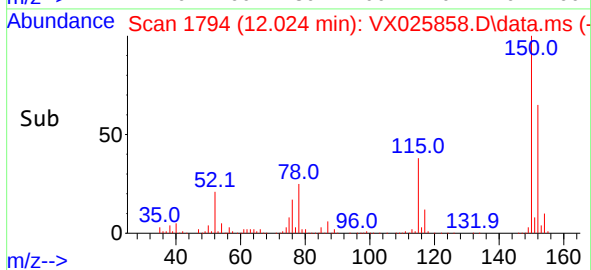
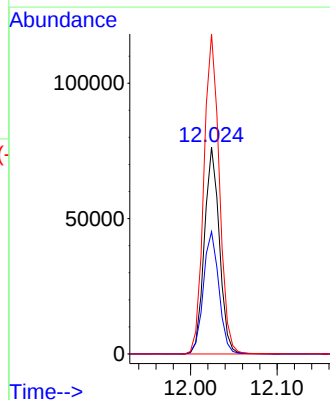
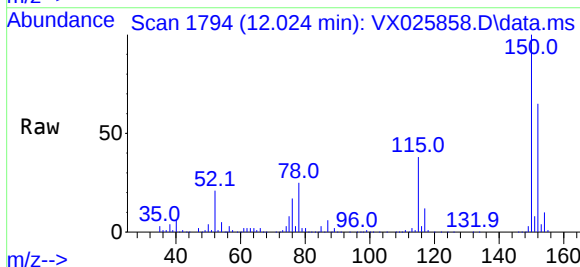
Instrument :
MSVOA_X
ClientSampleId :
C8

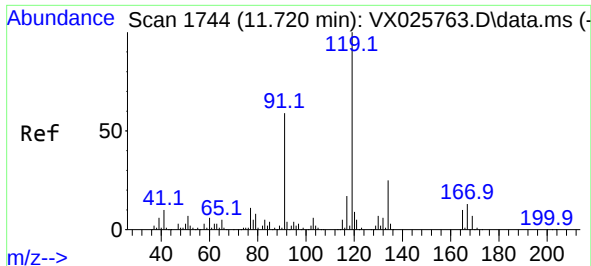
Tgt Ion:117 Resp: 215409
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Tgt Ion:152 Resp: 91904
Ion Ratio Lower Upper
152 100
115 61.1 41.3 123.9
150 159.5 0.0 351.8





#83

tert-Butylbenzene

Concen: 0.351 ug/l m

RT: 11.719 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025858.D

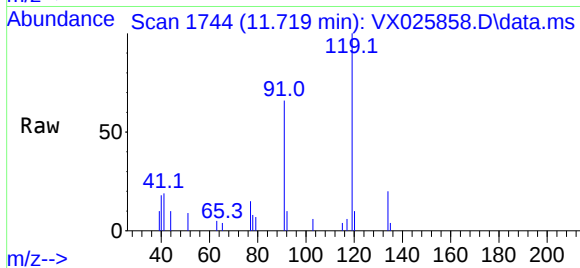
Acq: 16 Dec 2021 16:18

Instrument :

MSVOA_X

ClientSampleId :

C8



Tgt Ion:119 Resp: 1903

Ion Ratio Lower Upper

119 100

91 0.0 28.7 86.1#

134 0.0 11.9 35.9#

