

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008852.D
 Acq On : 11 Apr 2019 15:21
 Operator : JC/SP
 Sample : K2338-12
 Misc : 4.94g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-SHALLOW

Quant Time: Apr 12 08:07:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

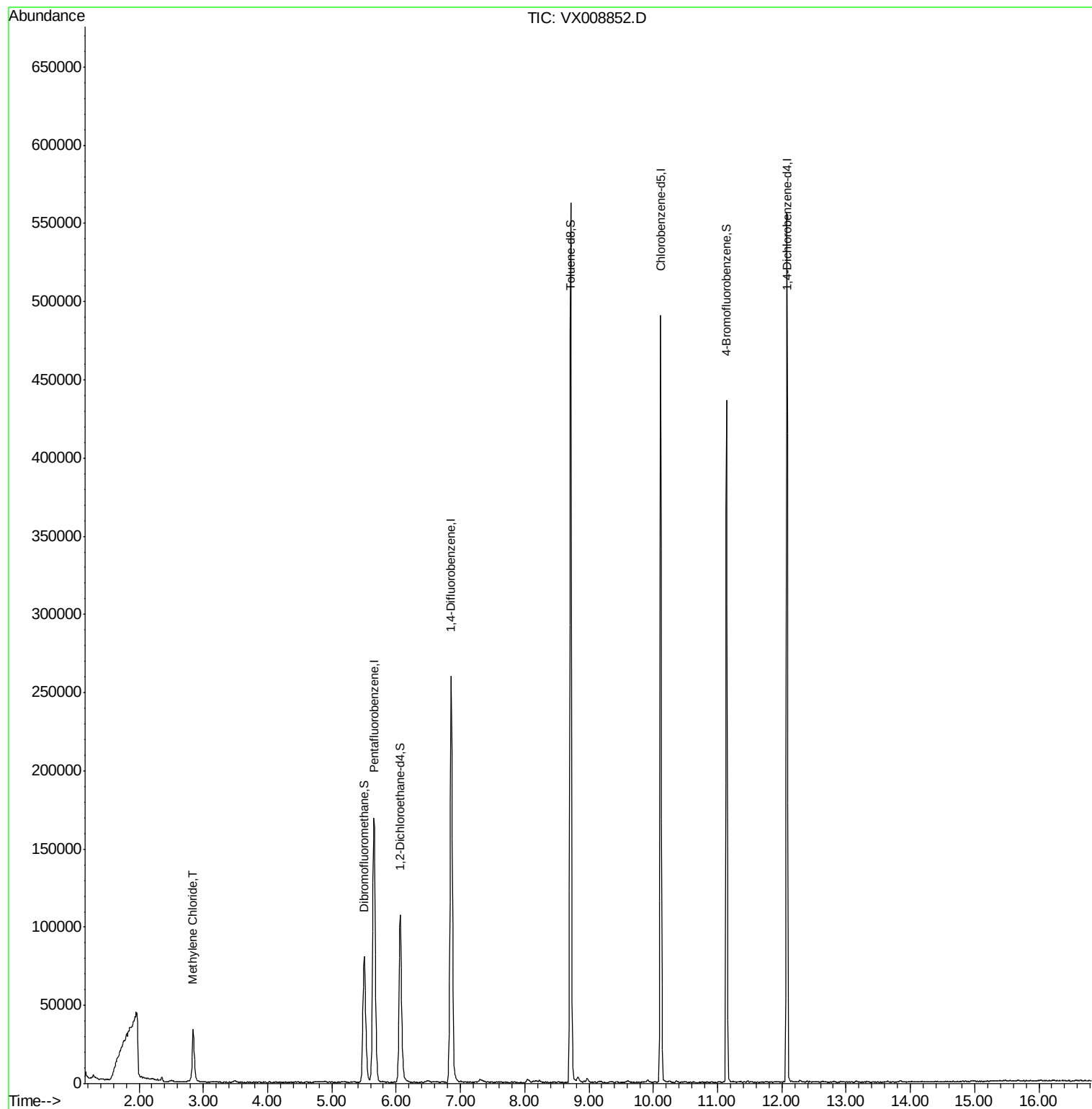
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109588	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
35) Dibromofluoromethane	5.50	113	75347	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
50) Toluene-d8	8.71	98	335246	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.14	95	118568	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
Target Compounds						
20) Methylene Chloride	2.84	84	15123	6.572	ug/l	Qvalue 96

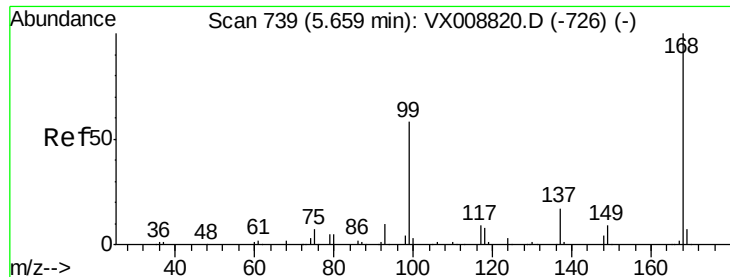
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

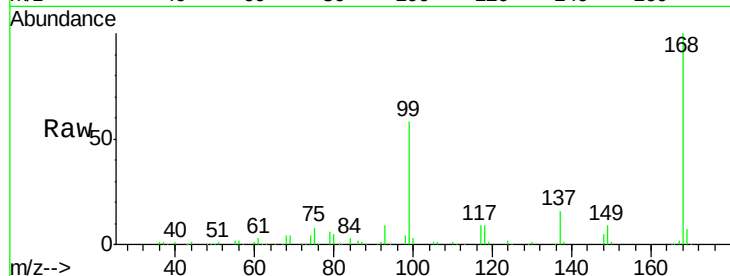
TP-3-SHALLOW

Tot Ion:168 Resp: 163649

Ion Ratio Lower Upper

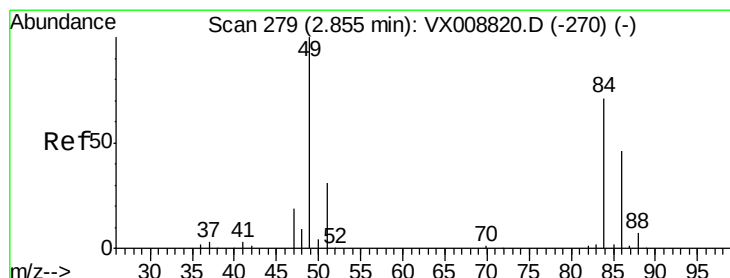
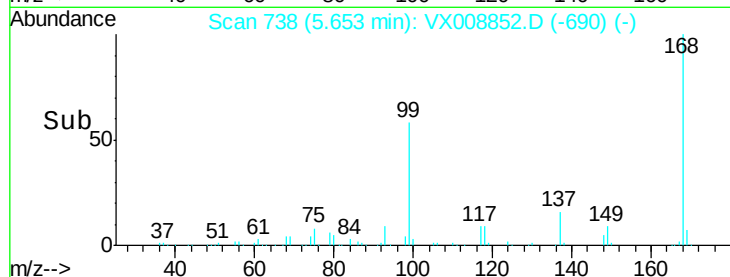
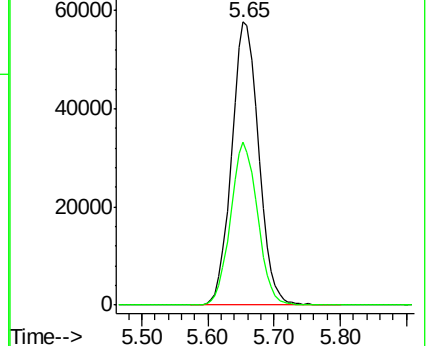
168 100

99 57.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 6.572 ug/l

RT: 2.84 min Scan# 277

Delta R.T. -0.02 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

Tgt Ion: 84 Resp: 15123

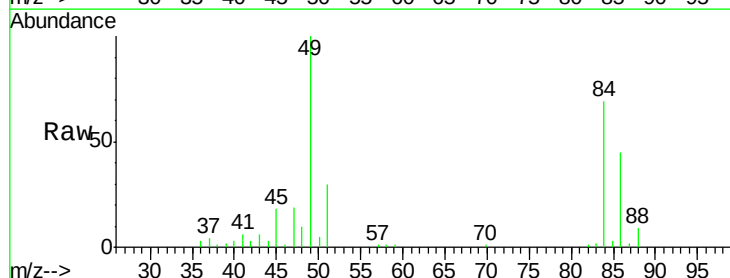
Ion Ratio Lower Upper

84 100

49 144.6 109.7 164.5

51 42.9 33.6 50.4

86 64.4 51.4 77.2

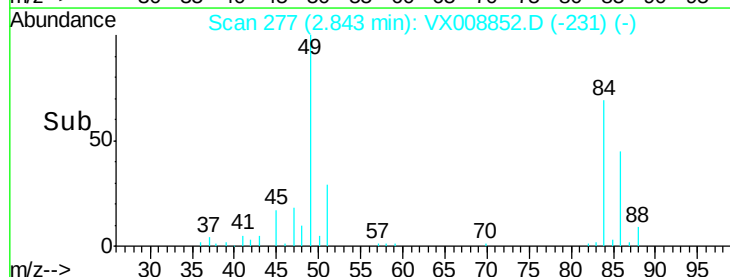
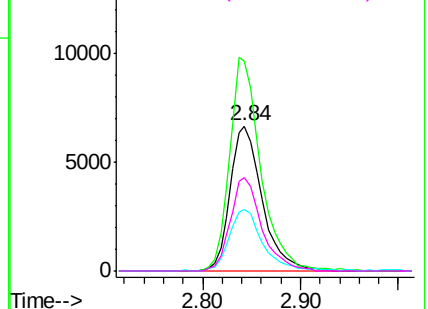


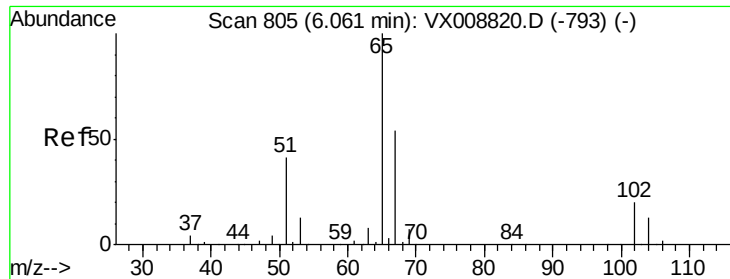
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

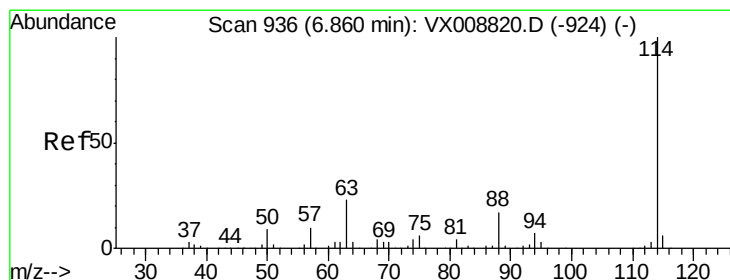
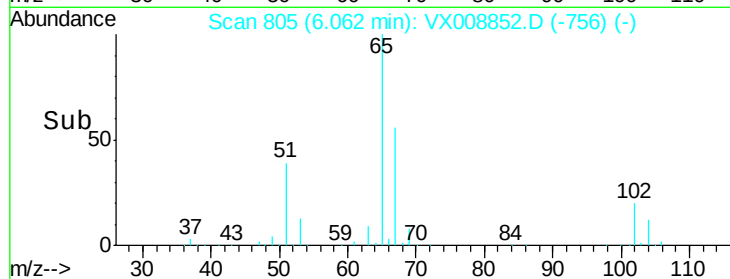
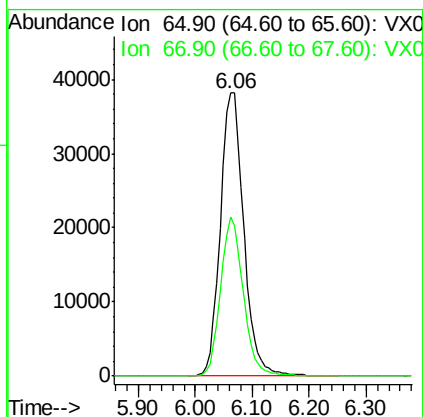
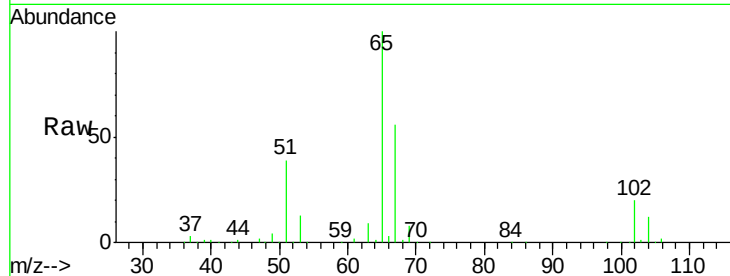




#33
 1,2-Dichloroethane-d4
 Concen: 45.912 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

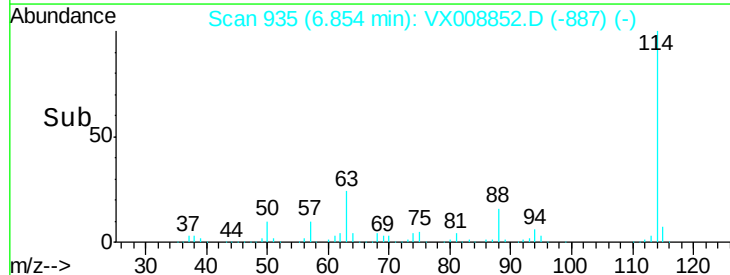
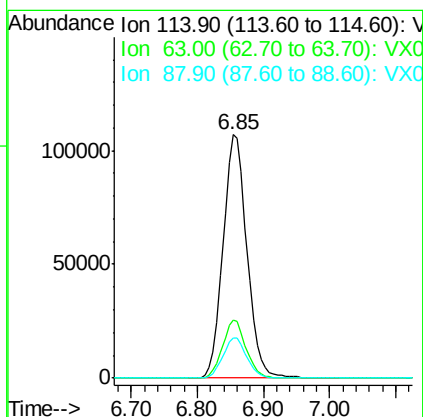
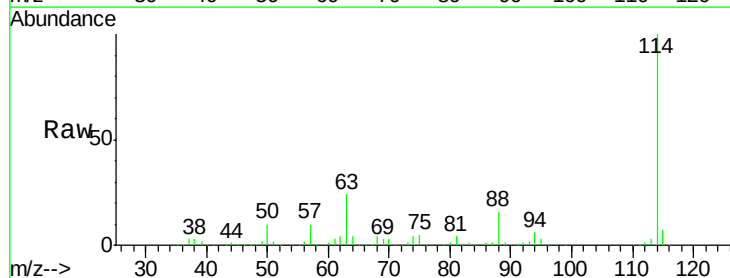
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-SHALLOW

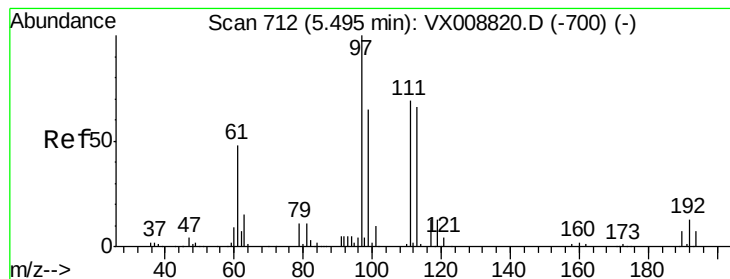
Tot Ion: 65 Resp: 109588
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 114 Resp: 267292
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 44.089 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

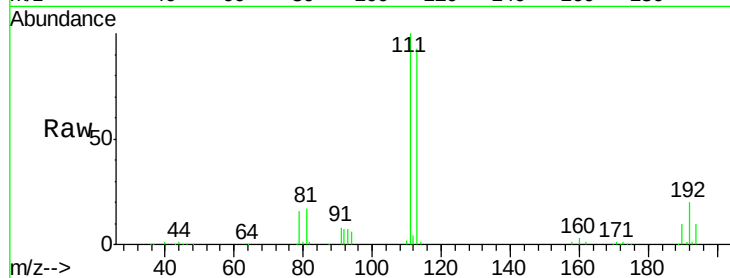
Tot Ion:113 Resp: 75347

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

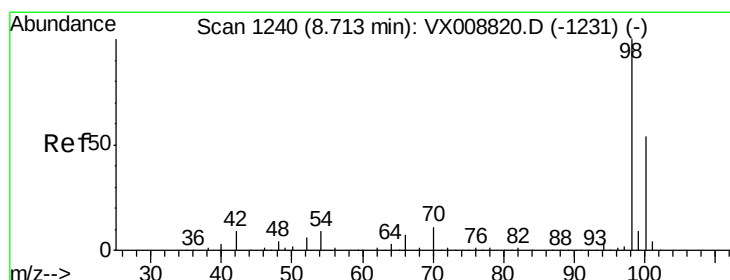
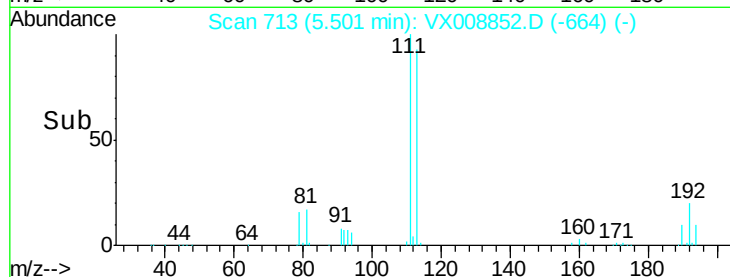
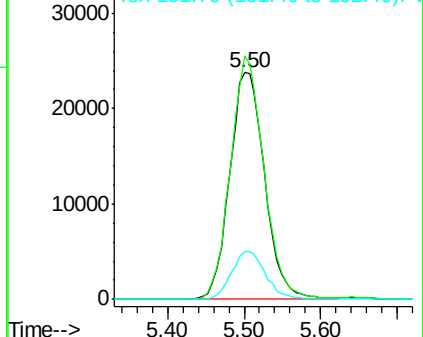
192 20.6 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.267 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008852.D

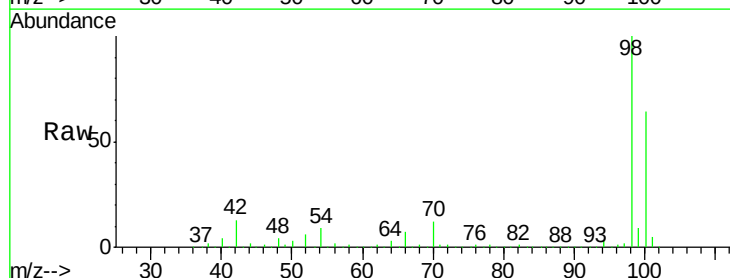
Acq: 11 Apr 2019 15:21

Tgt Ion: 98 Resp: 335246

Ion Ratio Lower Upper

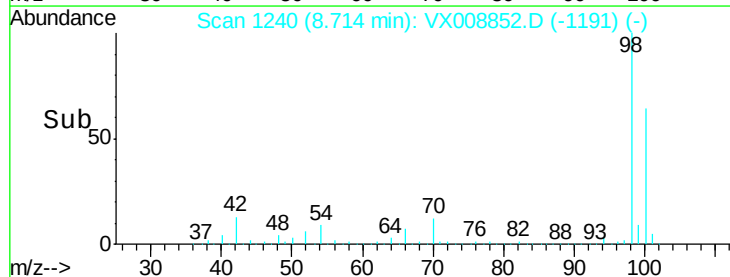
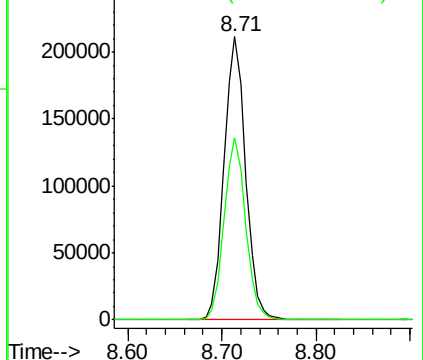
98 100

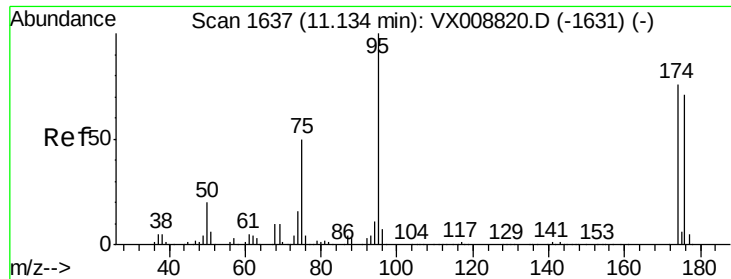
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.137 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

TP-3-SHALLOW

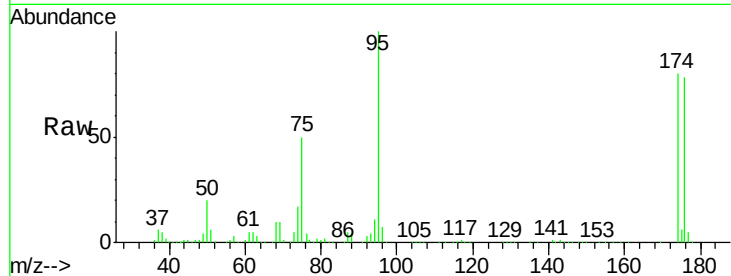
Tot Ion: 95 Resp: 118568

Ion Ratio Lower Upper

95 100

174 78.7 0.0 151.8

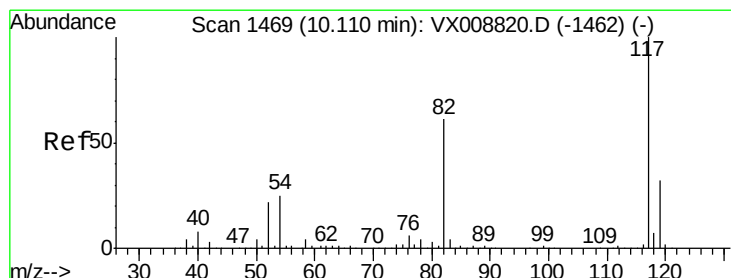
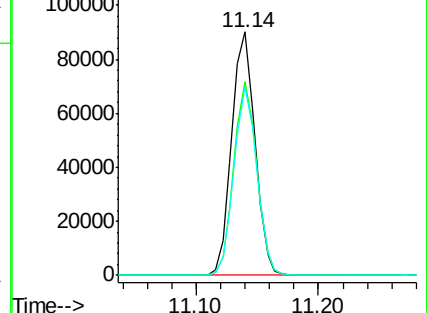
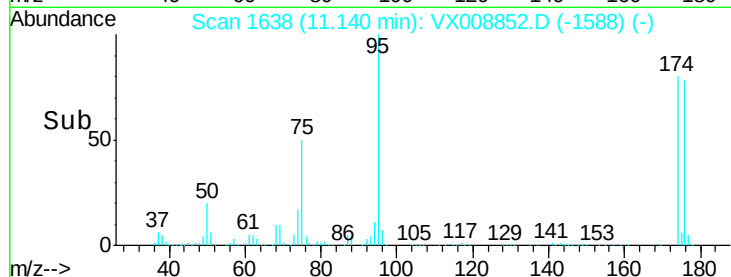
176 76.2 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008852.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008852.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008852.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008852.D

Acq: 11 Apr 2019 15:21

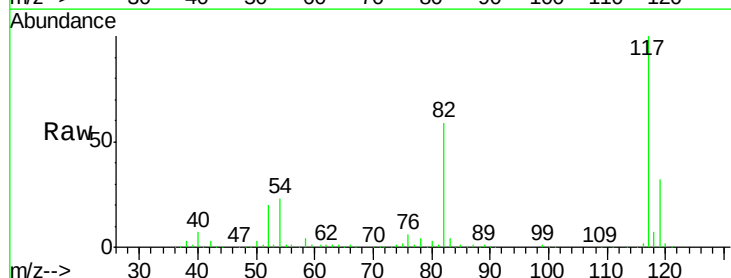
Tgt Ion: 117 Resp: 235582

Ion Ratio Lower Upper

117 100

82 58.6 49.6 74.4

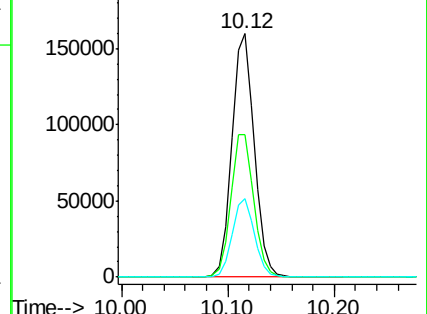
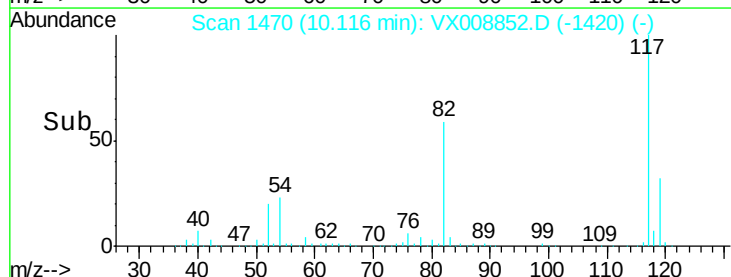
119 32.4 25.0 37.4

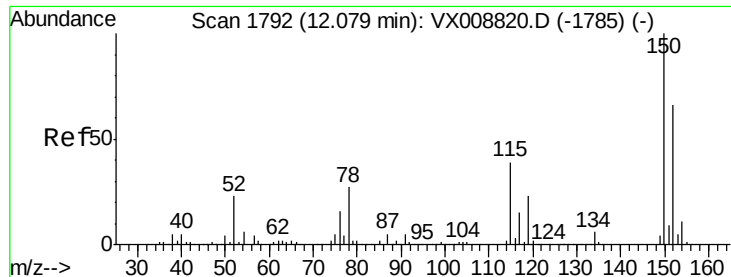


Abundance Ion 116.90 (116.60 to 117.60): VX008852.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008852.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008852.D (-1420) (-)

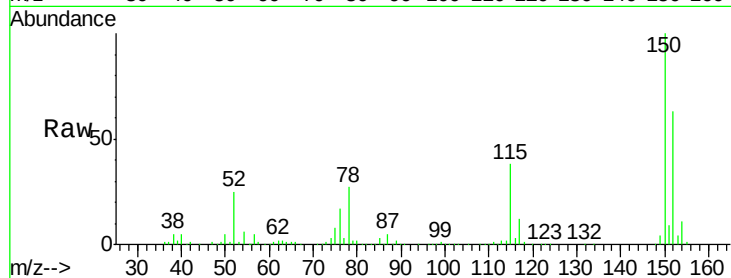




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008852.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-SHALLOW

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.1	43.5	130.5
150	158.2	0.0	348.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

