

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011774.D
 Acq On : 22 Aug 2019 20:03
 Operator : JC/SP
 Sample : K4402-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-MUD

Quant Time: Aug 23 03:39:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

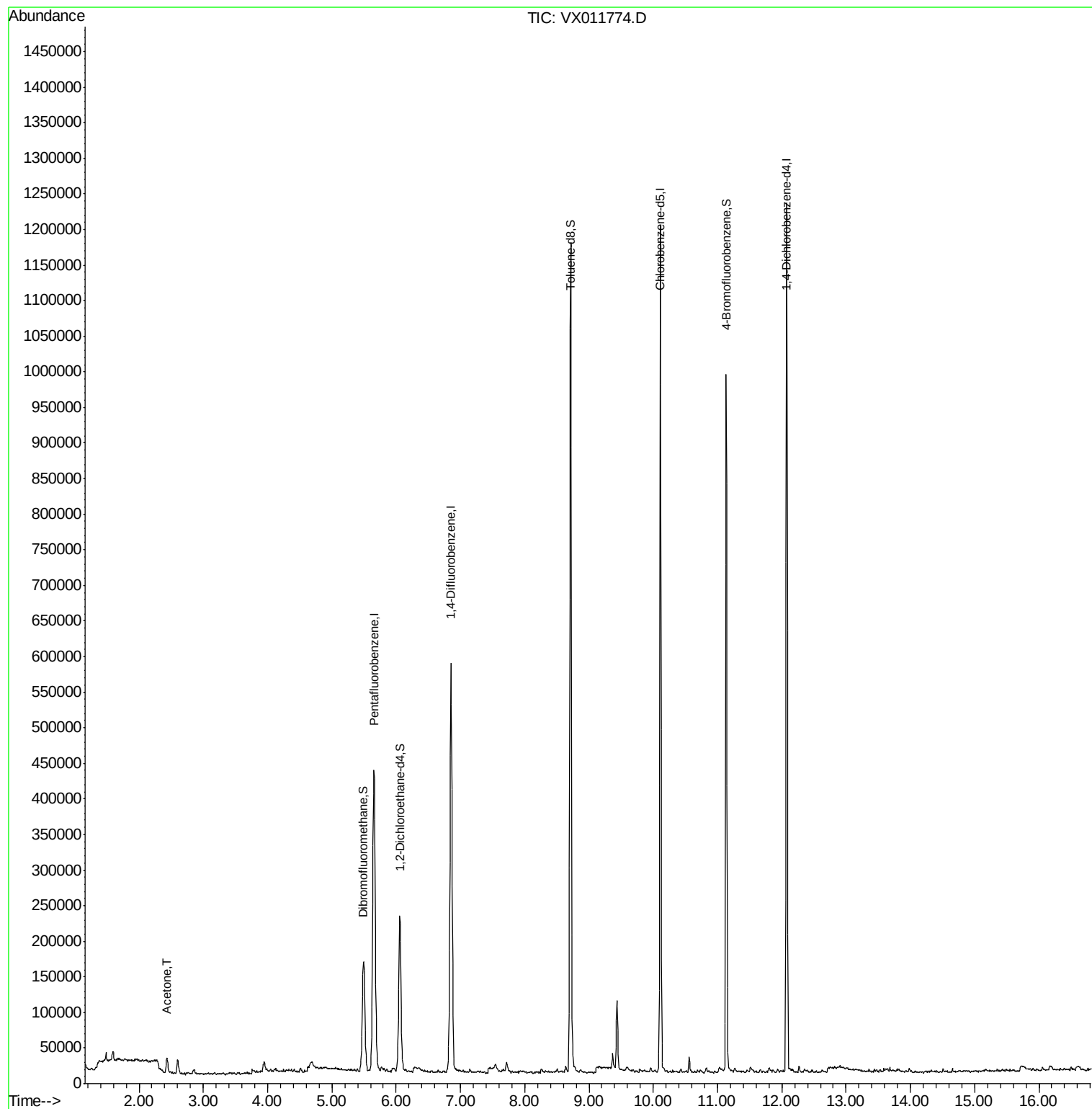
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	453963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	627888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	564733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	285595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	215401	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
35) Dibromofluoromethane	5.49	113	133622	32.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.82%	
50) Toluene-d8	8.71	98	715322	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	248506	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
16) Acetone	2.43	43	22700	11.443	ug/l	Qvalue 93

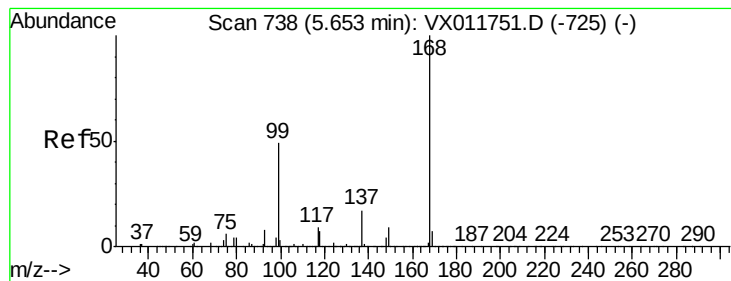
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011774.D

Acq: 22 Aug 2019 20:03

Instrument :

MSVOA_X

ClientSampleId :

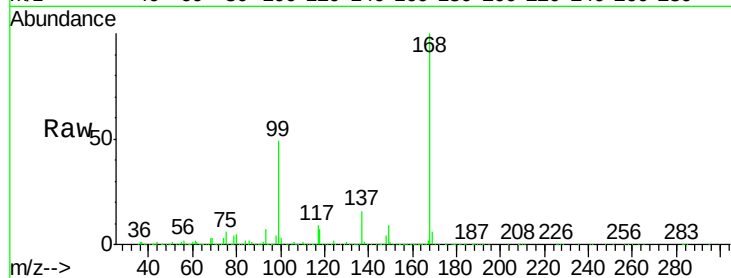
FRAC-TANK-MUD

Tot Ion:168 Resp: 453963

Ion Ratio Lower Upper

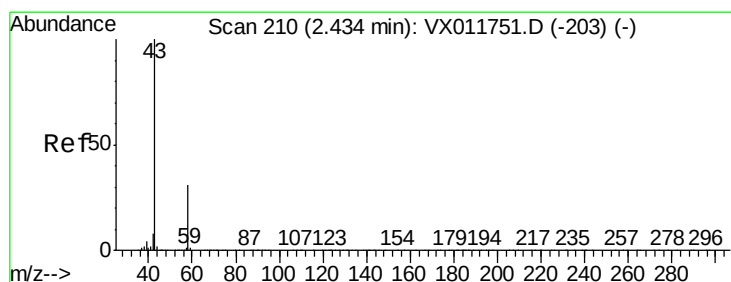
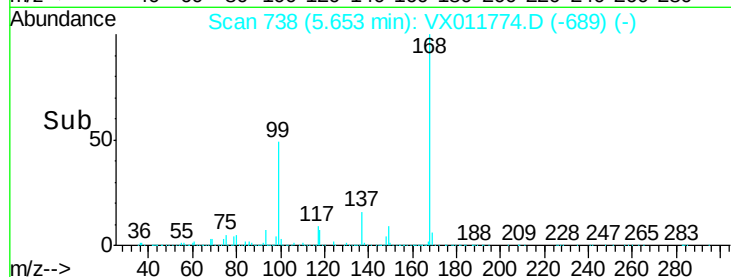
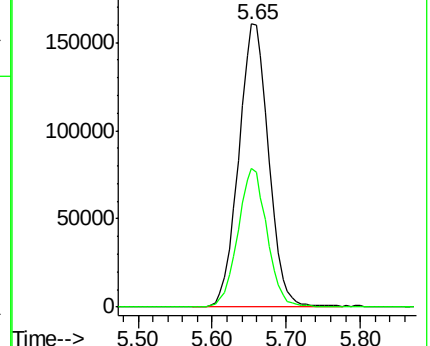
168 100

99 48.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 11.443 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011774.D

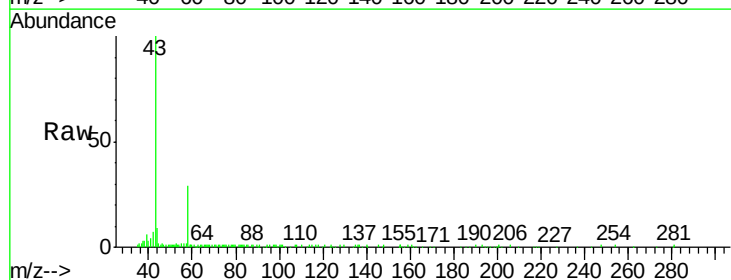
Acq: 22 Aug 2019 20:03

Tgt Ion: 43 Resp: 22700

Ion Ratio Lower Upper

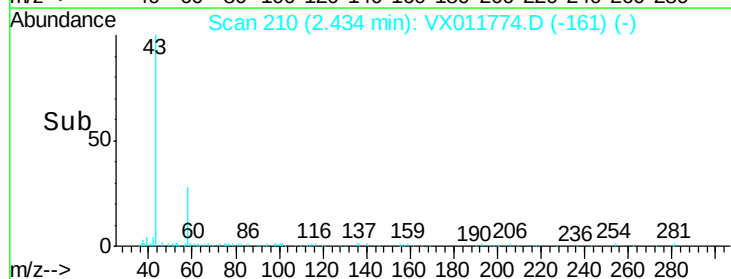
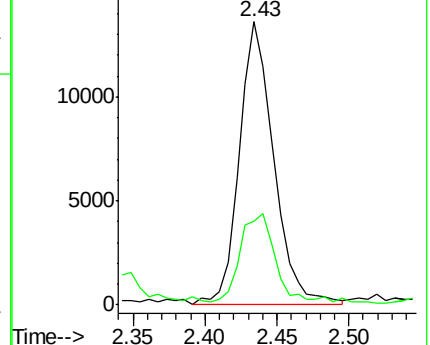
43 100

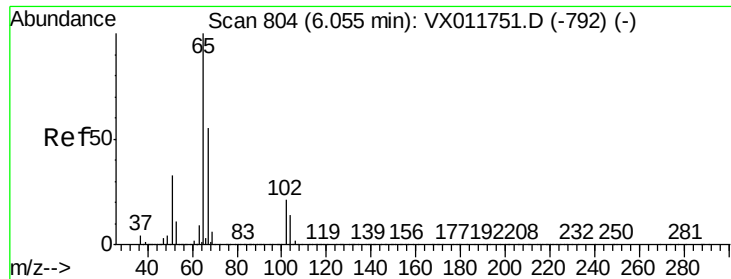
58 26.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

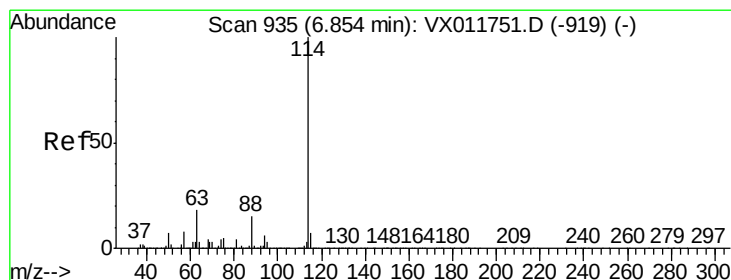
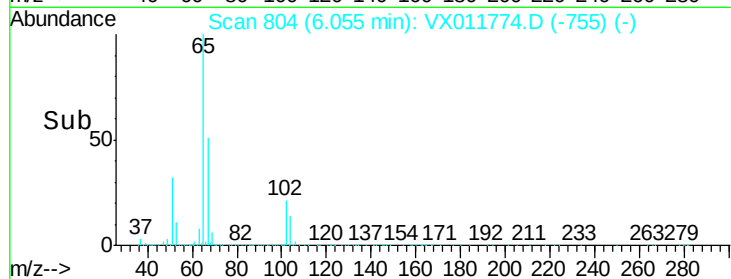
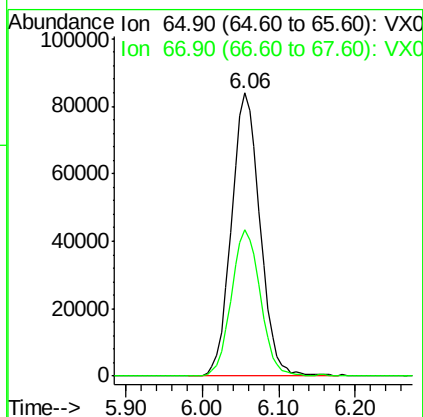
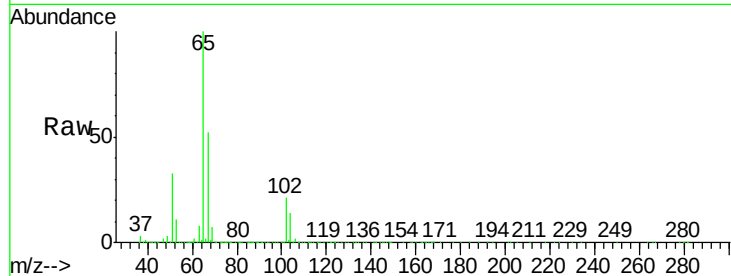




#33
 1,2-Dichloroethane-d4
 Concen: 47.234 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011774.D
 Acq: 22 Aug 2019 20:03

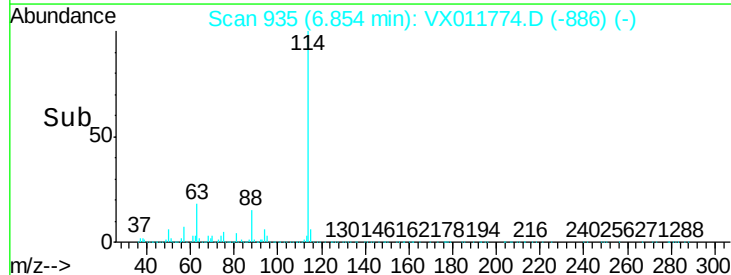
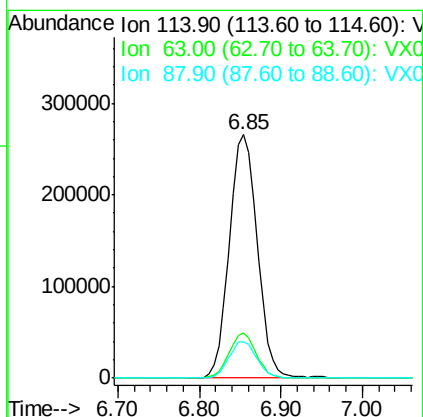
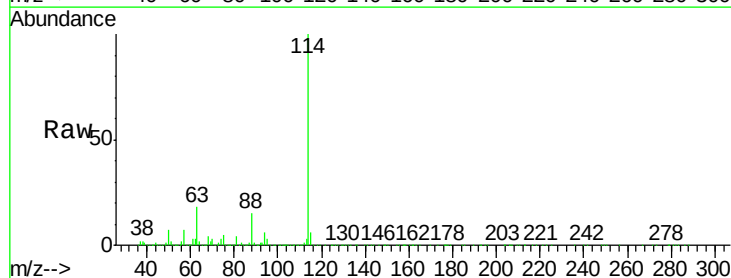
Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-MUD

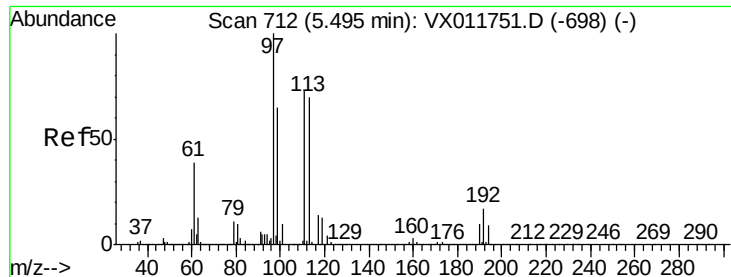
Tot Ion: 65 Resp: 215401
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011774.D
 Acq: 22 Aug 2019 20:03

Tgt Ion: 114 Resp: 627888
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 32.910 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011774.D

Acq: 22 Aug 2019 20:03

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-MUD

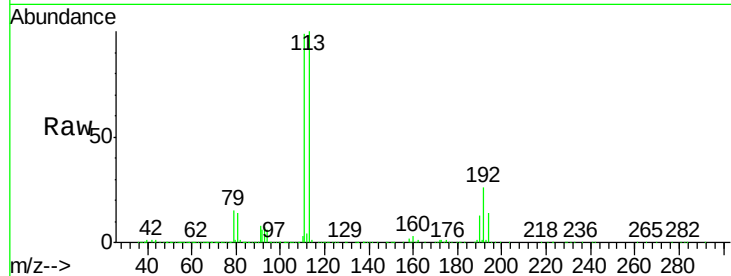
Tot Ion:113 Resp: 133622

Ion Ratio Lower Upper

113 100

111 101.4 81.0 121.4

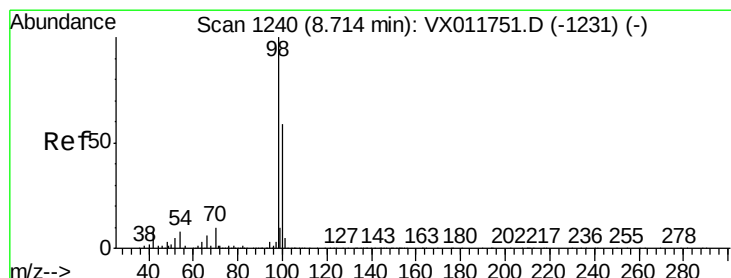
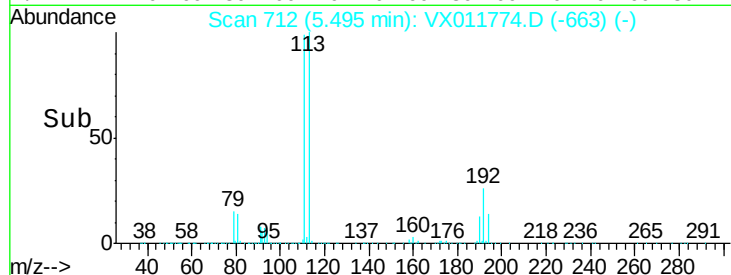
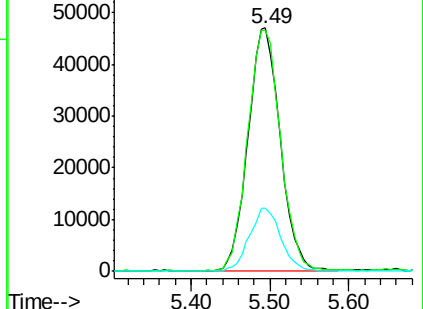
192 25.6 19.9 29.9



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: 50.510 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011774.D

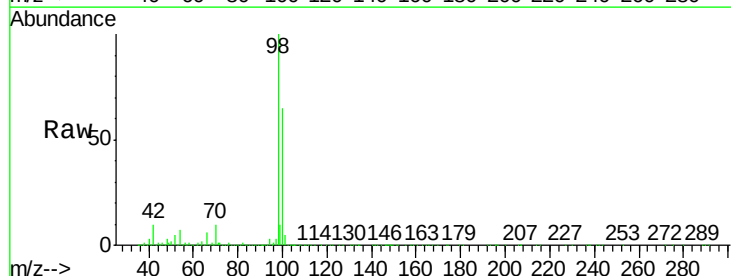
Acq: 22 Aug 2019 20:03

Tgt Ion: 98 Resp: 715322

Ion Ratio Lower Upper

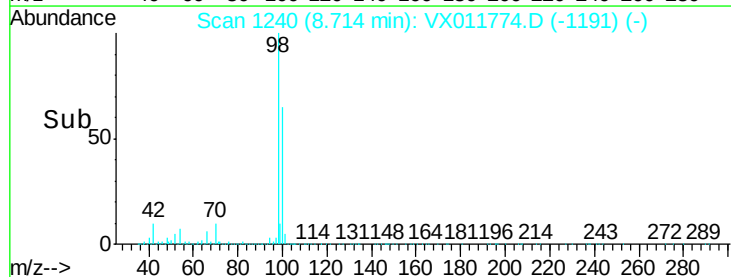
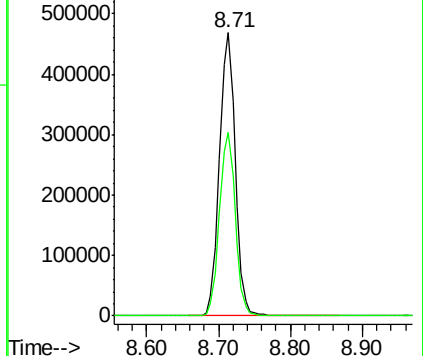
98 100

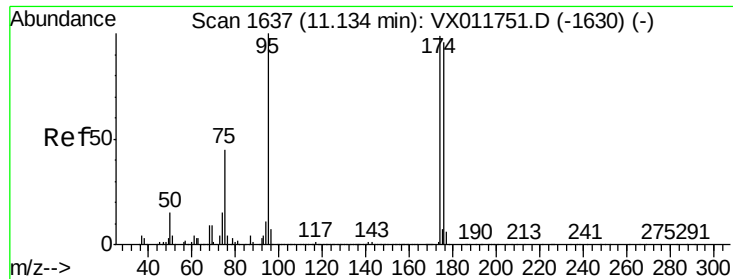
100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.395 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011774.D

Acq: 22 Aug 2019 20:03

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-MUD

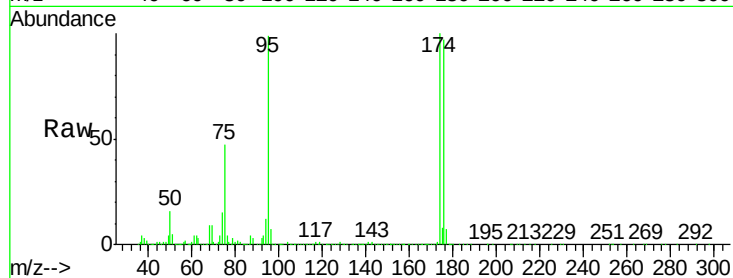
Tot Ion: 95 Resp: 248506

Ion Ratio Lower Upper

95 100

174 102.0 0.0 197.4

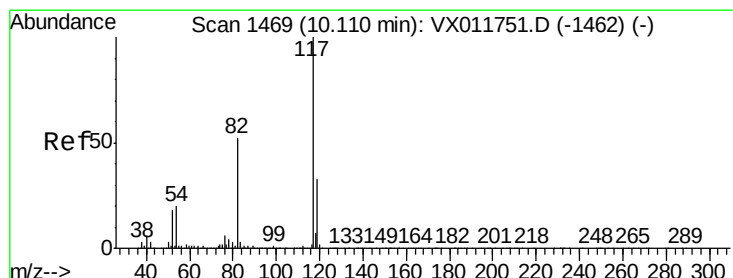
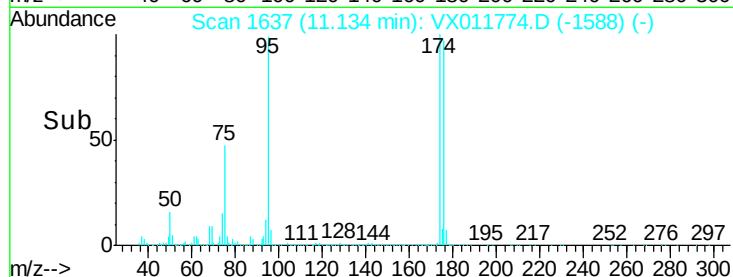
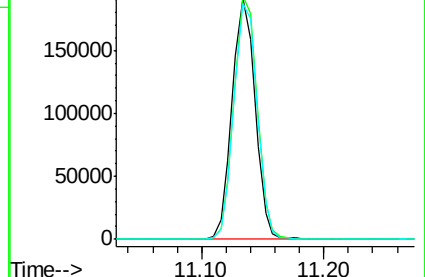
176 99.0 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX011751.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX011751.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX011751.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011774.D

Acq: 22 Aug 2019 20:03

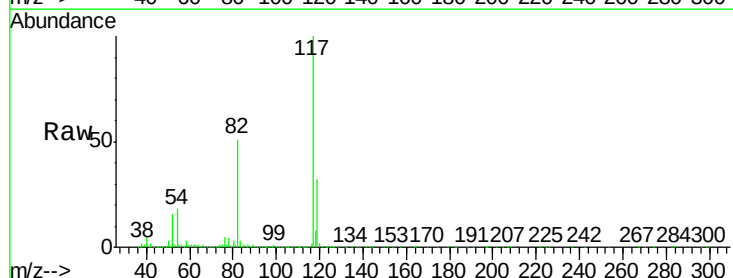
Tgt Ion: 117 Resp: 564733

Ion Ratio Lower Upper

117 100

82 51.1 41.7 62.5

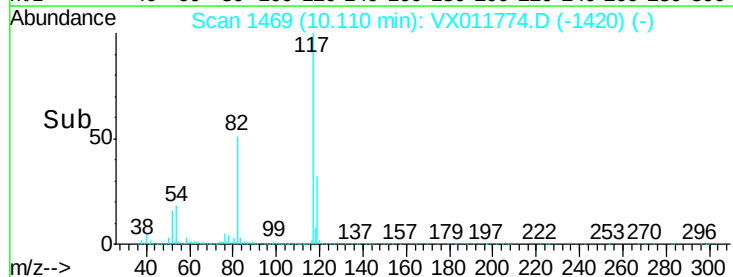
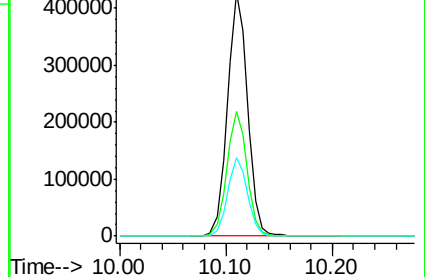
119 32.1 26.2 39.2

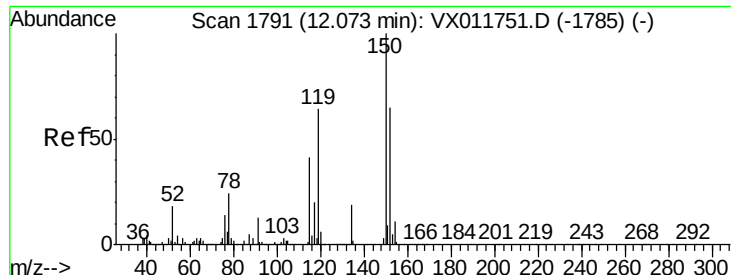


Abundance Ion 116.90 (116.60 to 117.60): VX011751.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011751.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011751.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011774.D

Acq: 22 Aug 2019 20:03

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-MUD

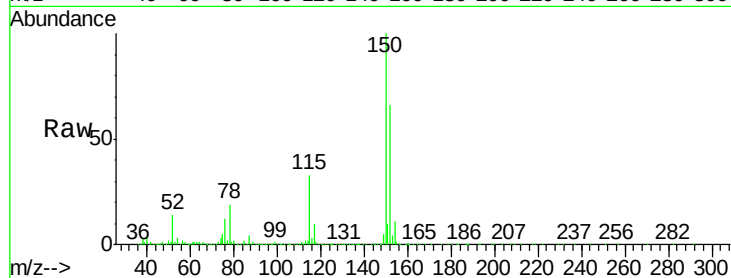
Tot Ion:152 Resp: 285595

Ion Ratio Lower Upper

152 100

115 52.7 37.3 111.8

150 154.9 0.0 343.0



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

