

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012296.D
 Acq On : 11 Sep 2019 12:22
 Operator : SY/SP
 Sample : K4805-01
 Misc : 5.06g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RED-FILL-DIRT

Quant Time: Sep 11 16:51:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

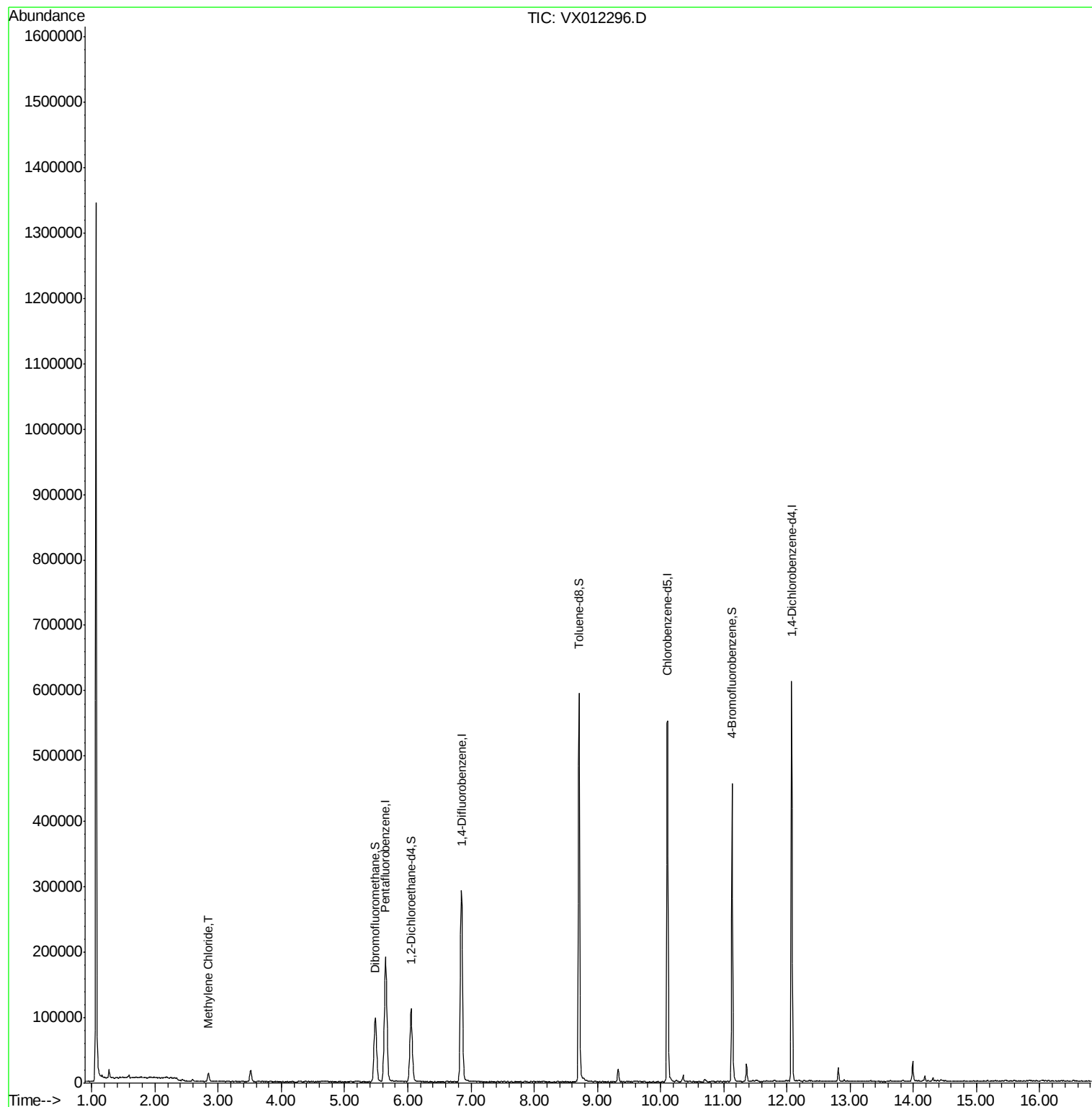
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	109960	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
35) Dibromofluoromethane	5.48	113	83019	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
50) Toluene-d8	8.71	98	335377	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.13	95	131517	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds						
20) Methylene Chloride	2.84	84	5986	1.012	ug/l	Qvalue 93

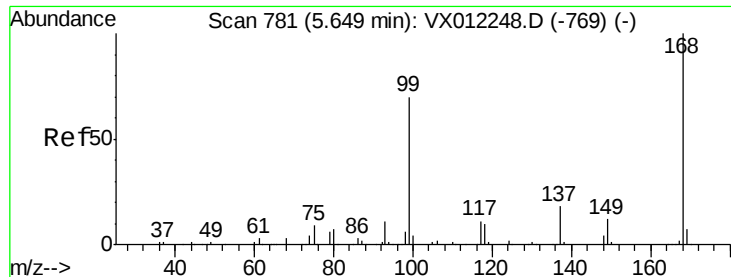
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012296.D

Acq: 11 Sep 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

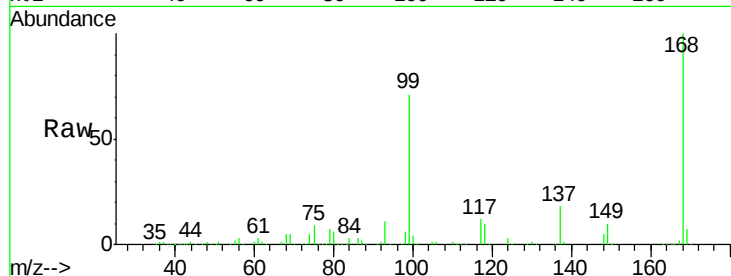
RED-FILL-DIRT

Tot Ion:168 Resp: 159521

Ion Ratio Lower Upper

168 100

99 71.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

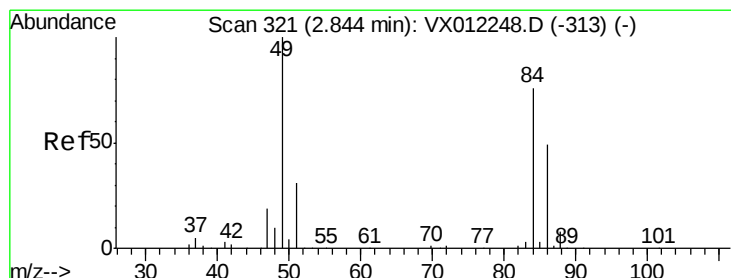
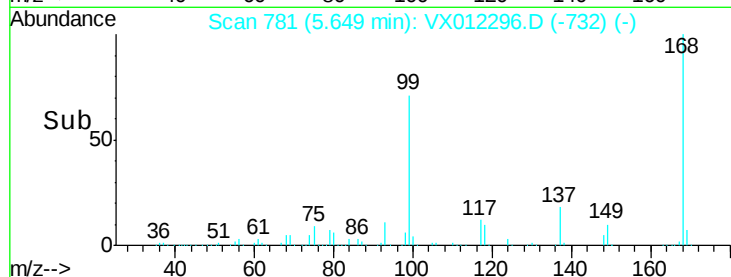
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.012 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012296.D

Acq: 11 Sep 2019 12:22

Tgt Ion: 84 Resp: 5986

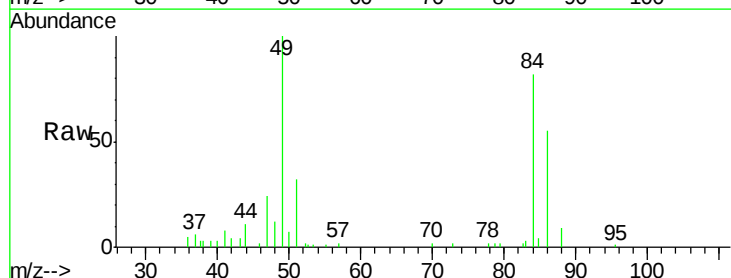
Ion Ratio Lower Upper

84 100

49 119.1 105.0 157.6

51 38.7 32.6 48.8

86 66.8 51.8 77.6



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

2.84

6000

5000

4000

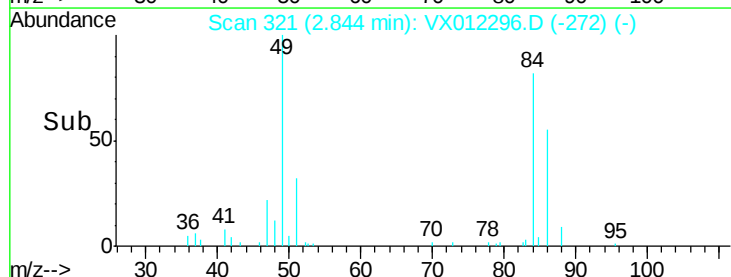
3000

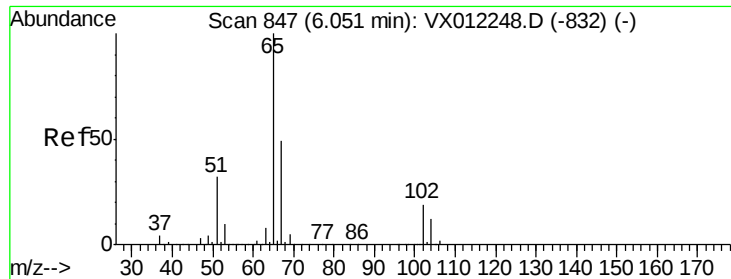
2000

1000

0

Time--> 2.75 2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 48.756 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012296.D

Acq: 11 Sep 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

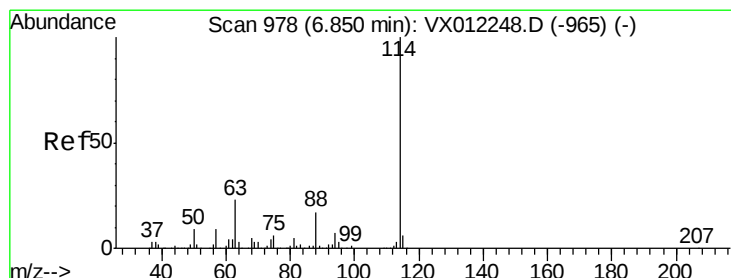
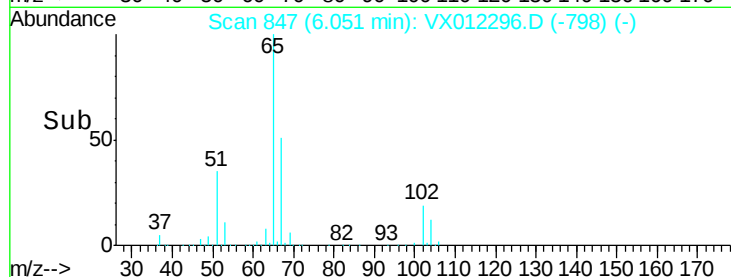
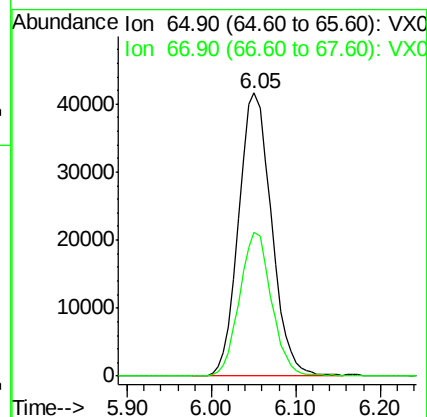
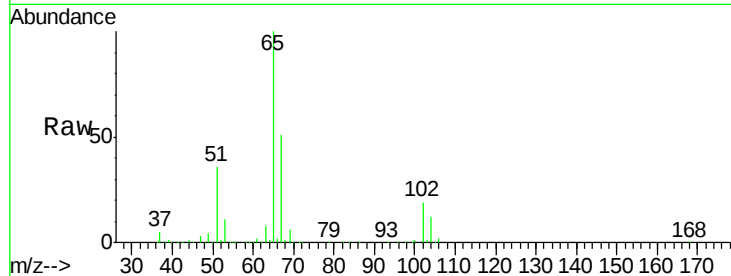
RED-FILL-DIRT

Tot Ion: 65 Resp: 109960

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012296.D

Acq: 11 Sep 2019 12:22

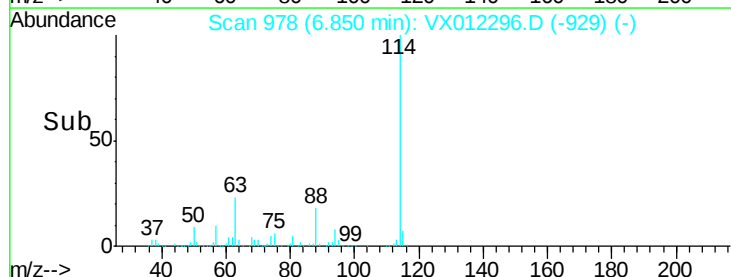
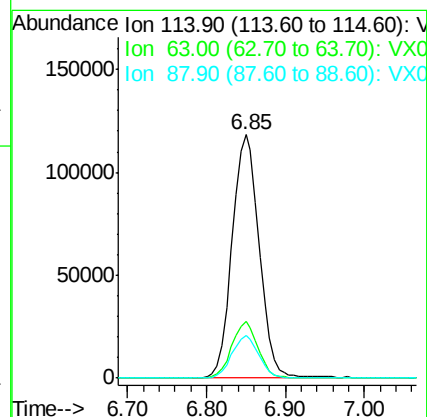
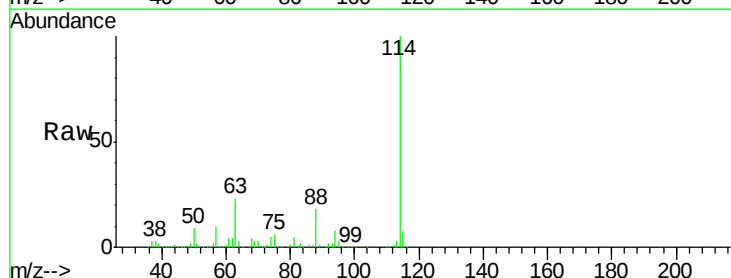
Tgt Ion: 114 Resp: 283039

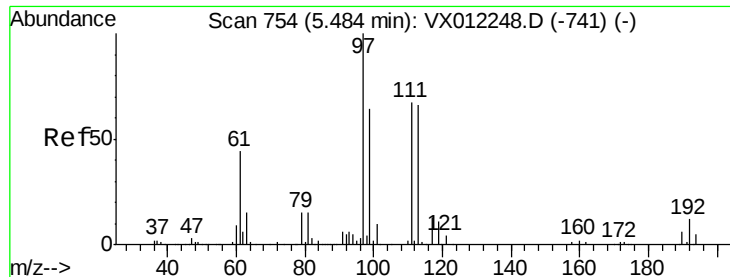
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

88 17.6 0.0 34.8

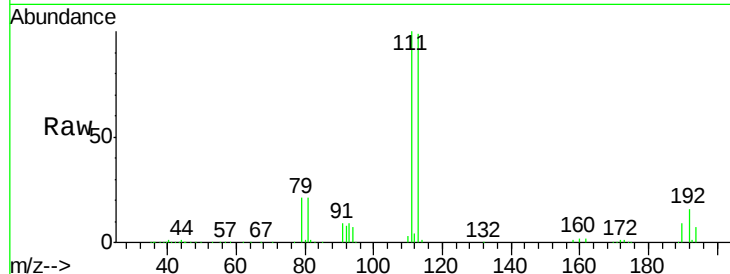




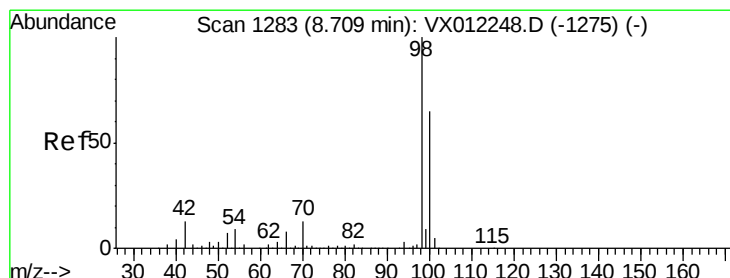
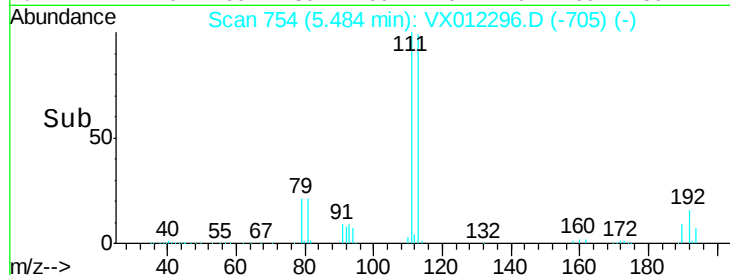
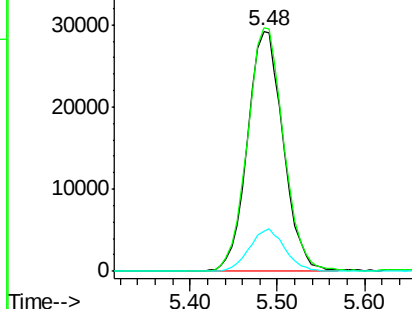
#35
 Dibromofluoromethane
 Concen: 45.755 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012296.D
 Acq: 11 Sep 2019 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RED-FILL-DIRT

Tot Ion:113 Resp: 83019
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.6
 192 17.7 14.3 21.5

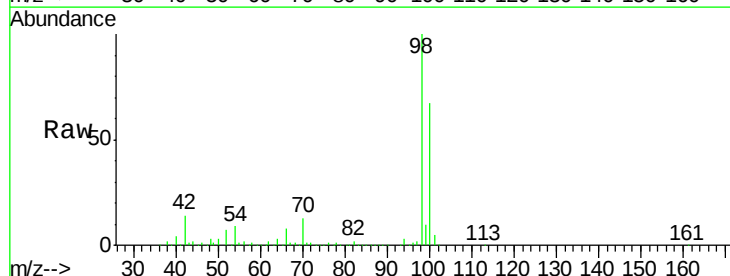


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

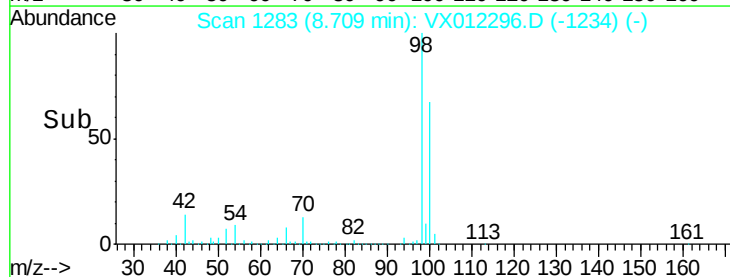
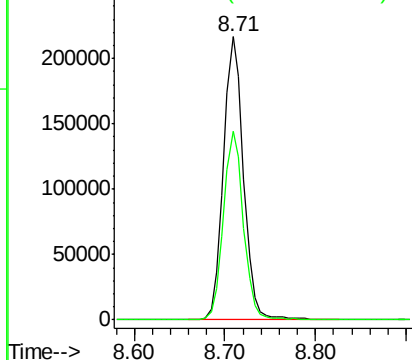


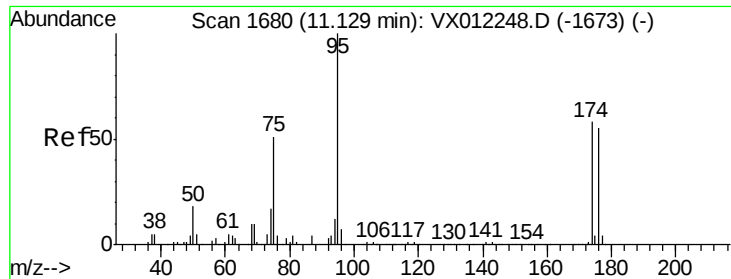
#50
 Toluene-d8
 Concen: 52.701 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012296.D
 Acq: 11 Sep 2019 12:22

Tgt Ion: 98 Resp: 335377
 Ion Ratio Lower Upper
 98 100
 100 66.7 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

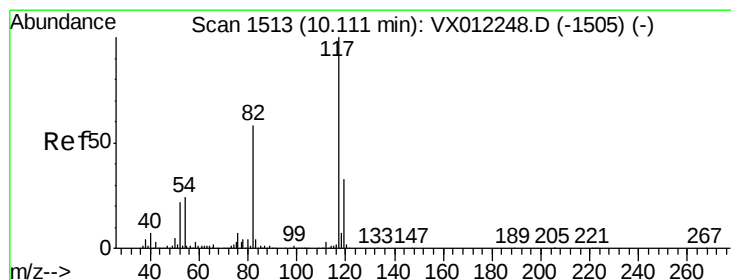
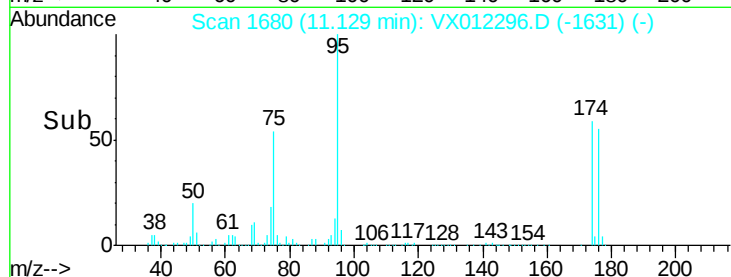
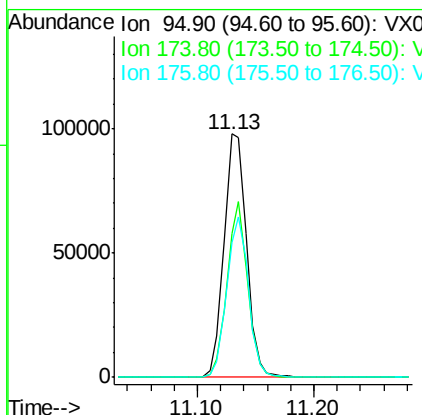
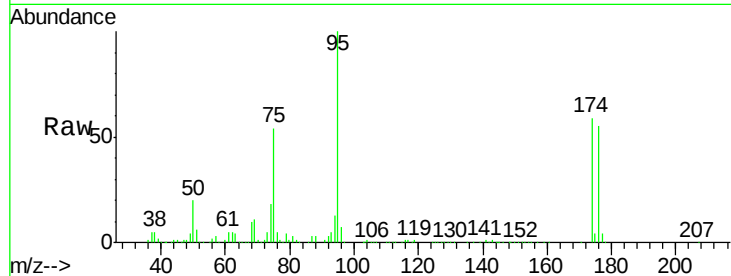




#62
4-Bromofluorobenzene
Concen: 44.578 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX012296.D
Acq: 11 Sep 2019 12:22

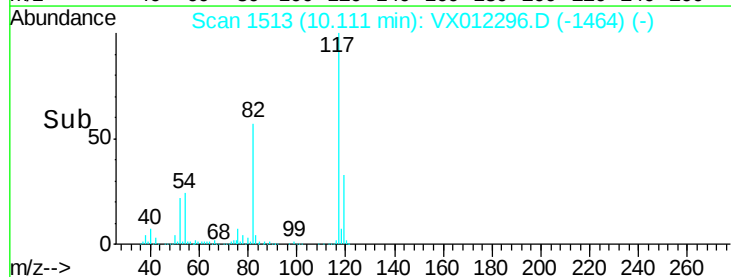
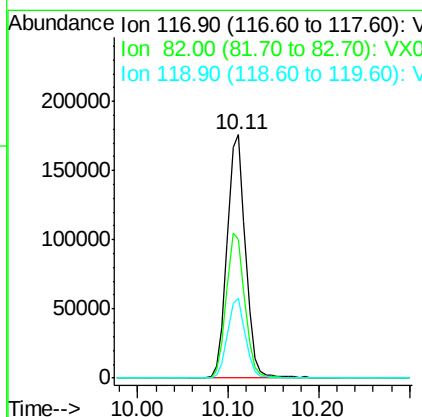
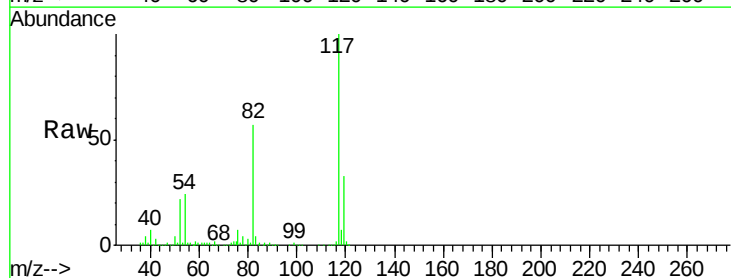
Instrument :
MSVOA_X
ClientSampled :
RED-FILL-DIRT

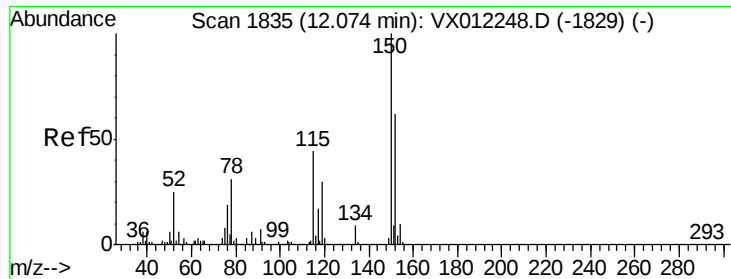
Tot Ion	95	Resp	131517
Ion Ratio	100		
174	65.8	0.0	127.0
176	63.6	0.0	125.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012296.D
Acq: 11 Sep 2019 12:22

Tgt Ion	117	Resp	248127
Ion Ratio	100		
82	57.1	46.4	69.6
119	33.0	26.6	39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012296.D

Acq: 11 Sep 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

RED-FILL-DIRT

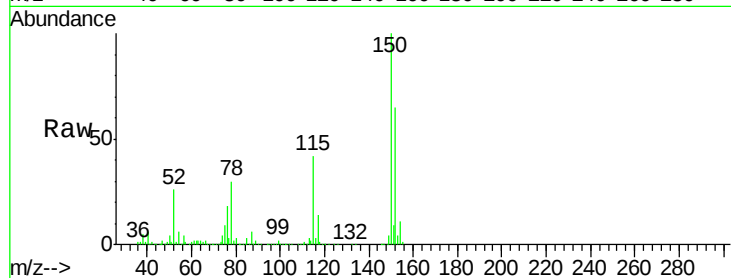
Tot Ion:152 Resp: 112869

Ion Ratio Lower Upper

152 100

115 67.1 45.5 136.4

150 158.2 0.0 346.4



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

