

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005322.D
 Acq On : 13 Oct 2018 04:57
 Operator : JC/MD
 Sample : J5392-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM

Quant Time: Oct 13 05:38:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167066	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	154260	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	5.51	113	122434	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	8.71	98	461684	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	11.14	95	150567	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	

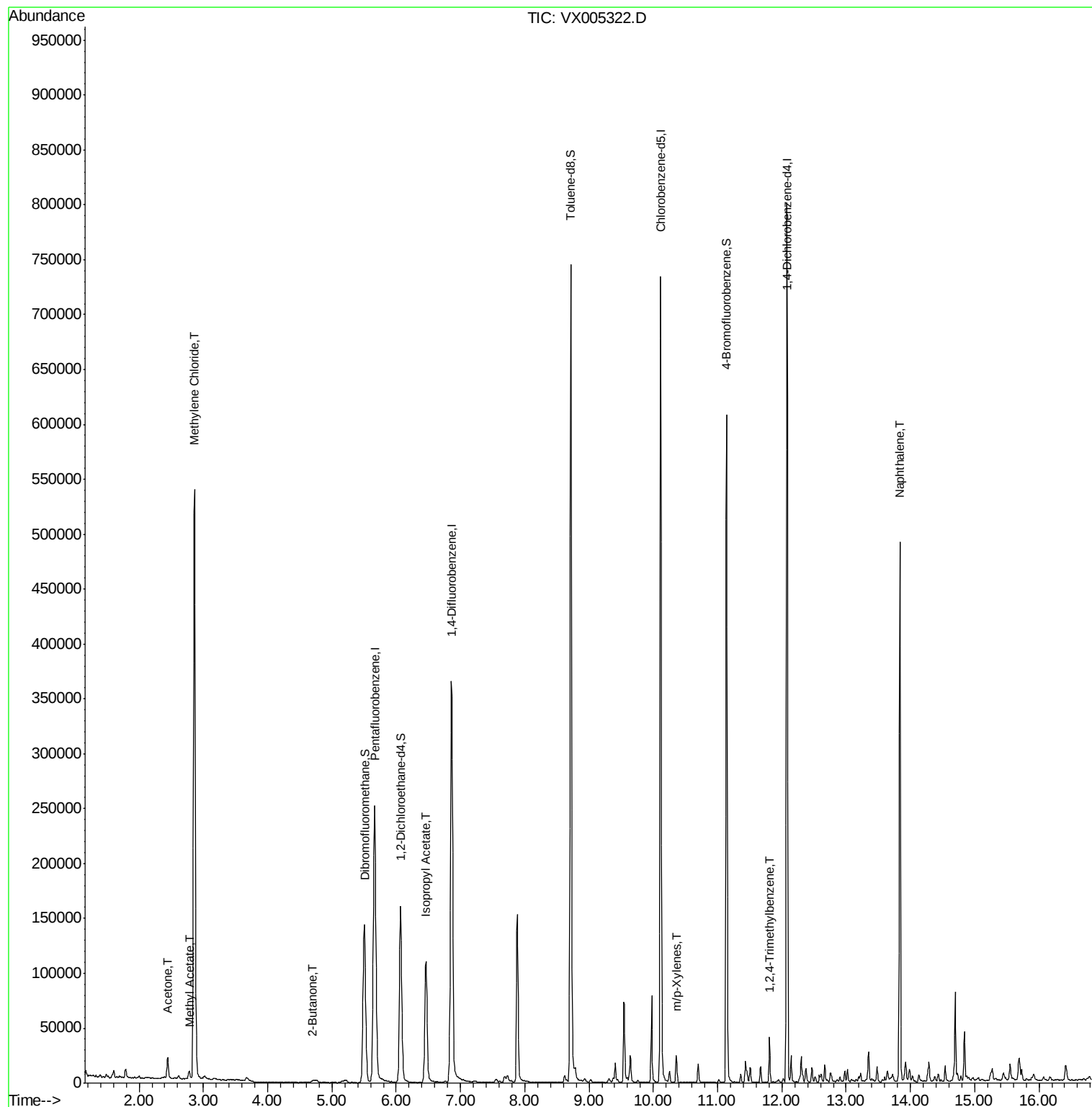
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	20535	12.10	ug/l	93
18) Methyl Acetate	2.78	43	9098	1.88	ug/l	96
20) Methylene Chloride	2.86	84	245502	100.61	ug/l	96
25) 2-Butanone	4.70	43	3864	1.56	ug/l	94
43) Isopropyl Acetate	6.46	43	148532	23.27	ug/l	96
68) m/p-Xylenes	10.36	106	5806	1.23	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	17927	2.05	ug/l	97
95) Naphthalene	13.83	128	289576	25.13	ug/l	99

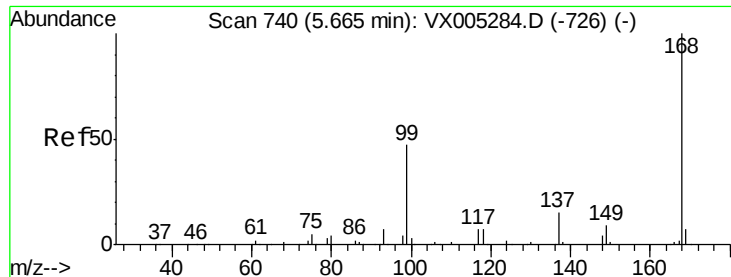
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 05:38:23 2018
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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

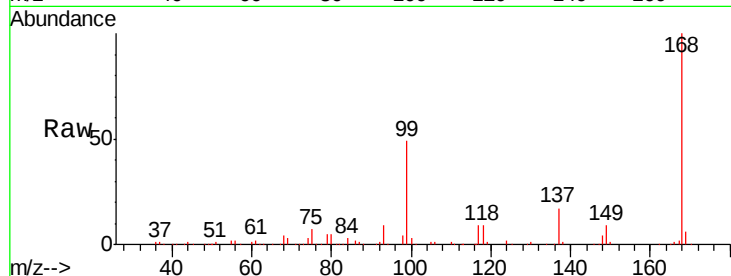
SOIL-DRUM

Tgt Ion:168 Resp: 264465

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

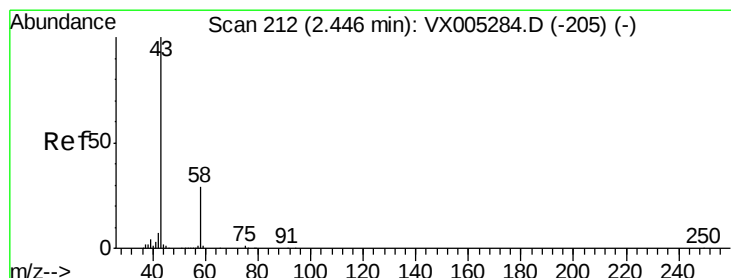
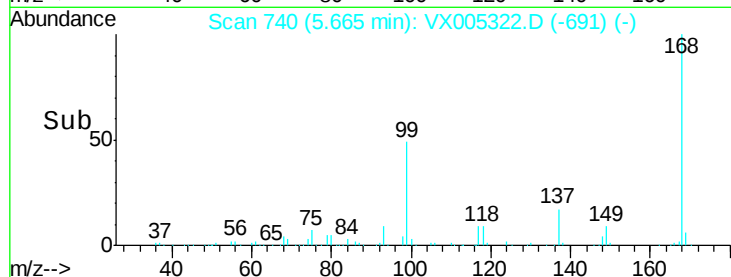
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 12.10 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005322.D

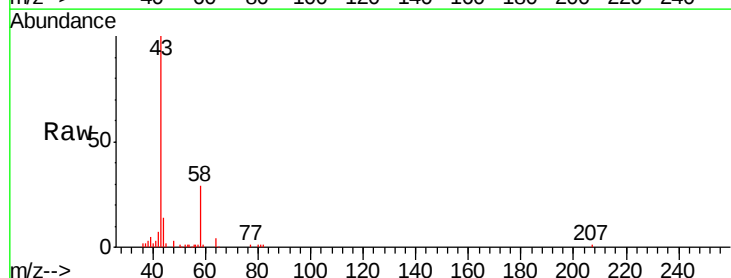
Acq: 13 Oct 2018 04:57

Tgt Ion: 43 Resp: 20535

Ion Ratio Lower Upper

43 100

58 29.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

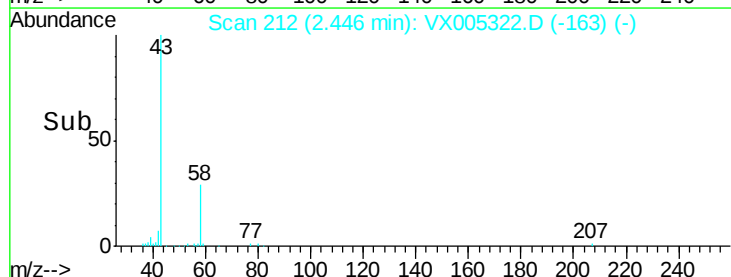
2.45

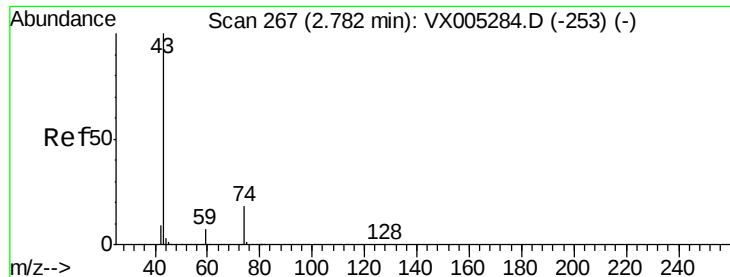
10000

5000

0

Time-->

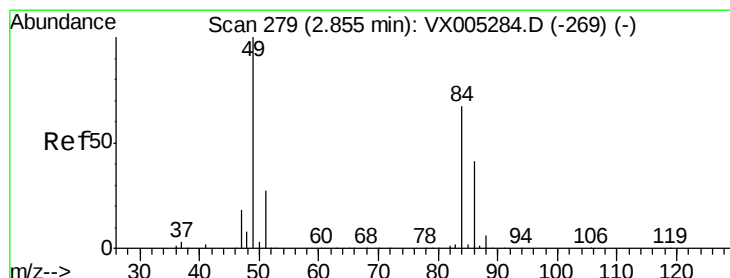
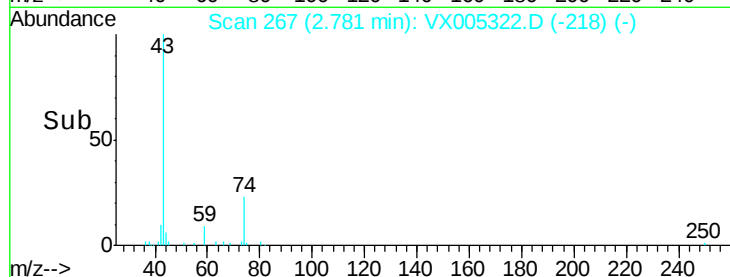
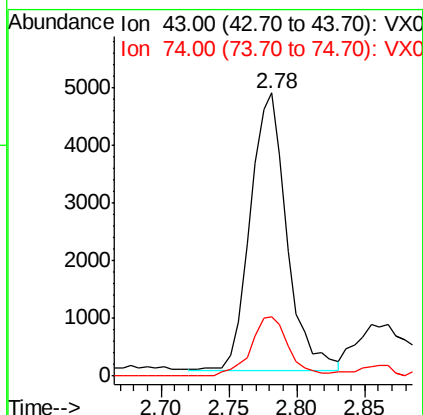
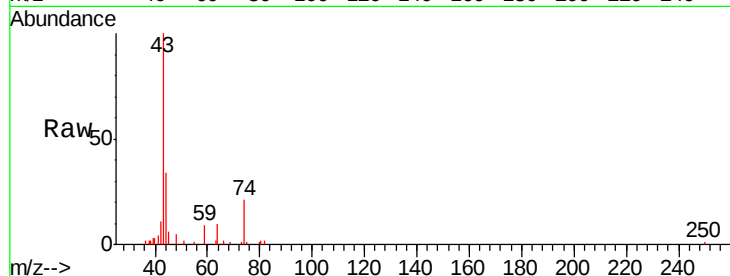




#18
Methyl Acetate
Concen: 1.88 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

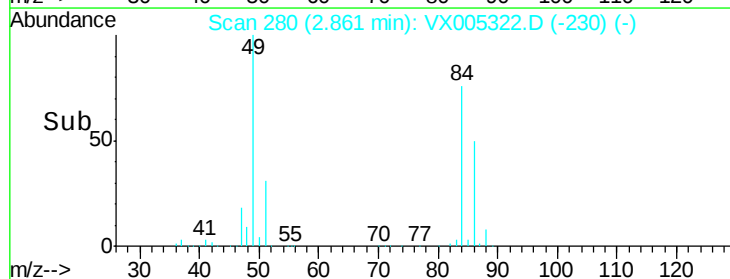
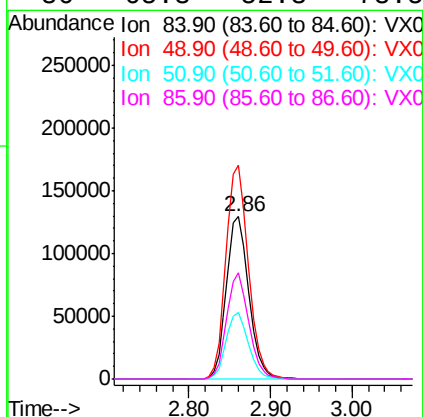
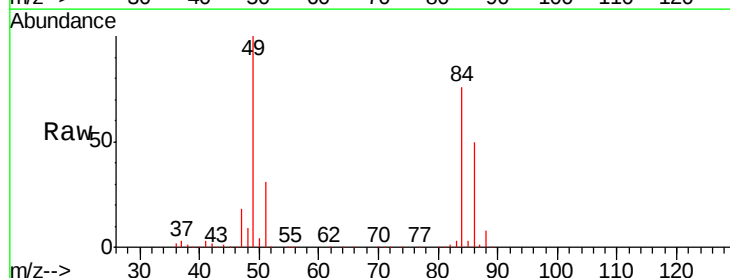
Instrument :
MSVOA_X
ClientSampled :
SOIL-DRUM

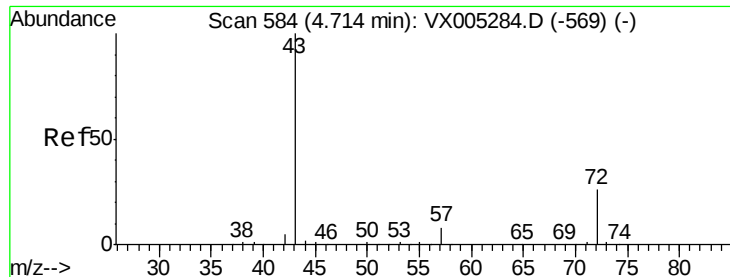
Tgt Ion: 43 Resp: 9098
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2



#20
Methylene Chloride
Concen: 100.61 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Tgt Ion: 84 Resp: 245502
Ion Ratio Lower Upper
84 100
49 131.8 101.2 151.8
51 40.9 29.5 44.3
86 65.3 52.3 78.5





#25

2-Butanone

Concen: 1.56 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

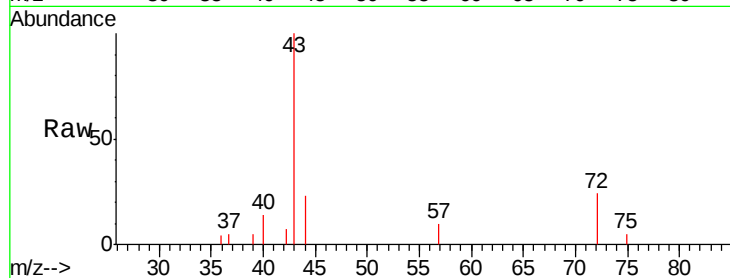
SOIL-DRUM

Tgt Ion: 43 Resp: 3864

Ion Ratio Lower Upper

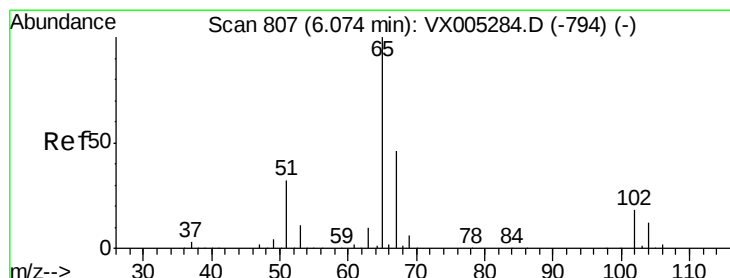
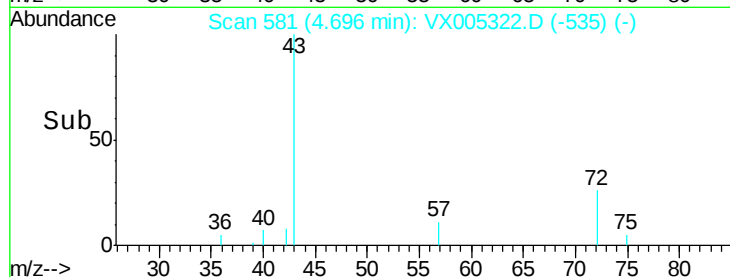
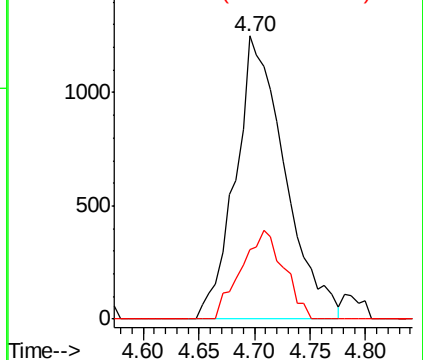
43 100

72 24.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.56 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005322.D

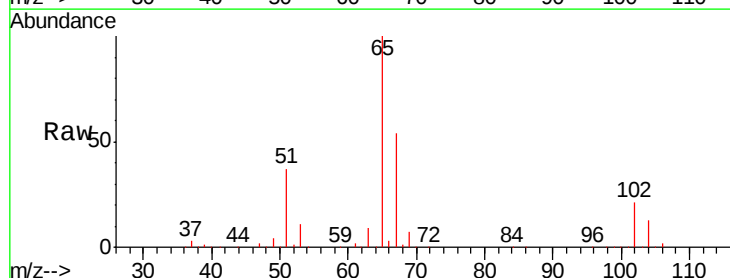
Acq: 13 Oct 2018 04:57

Tgt Ion: 65 Resp: 154260

Ion Ratio Lower Upper

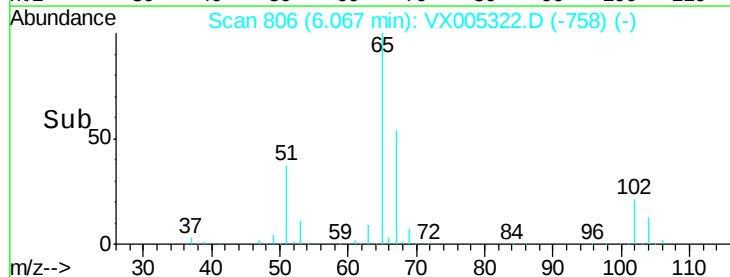
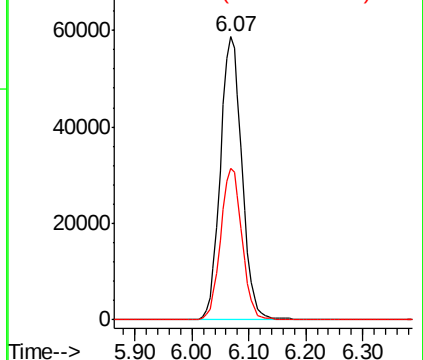
65 100

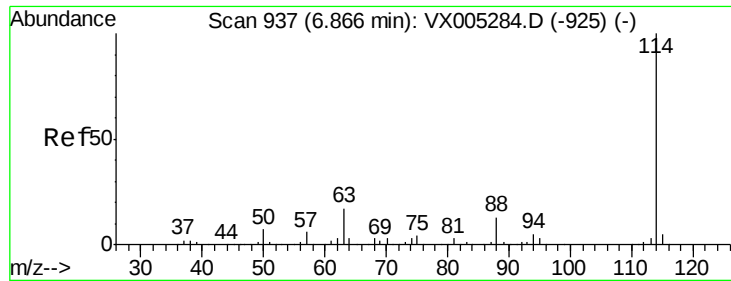
67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

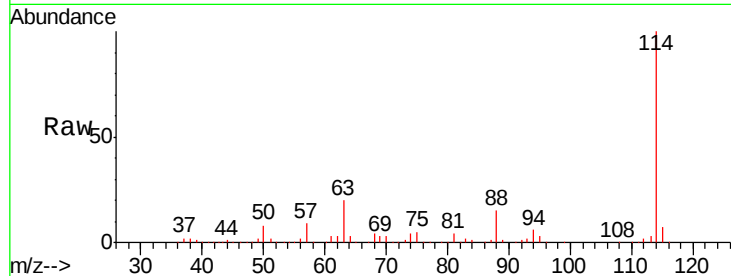




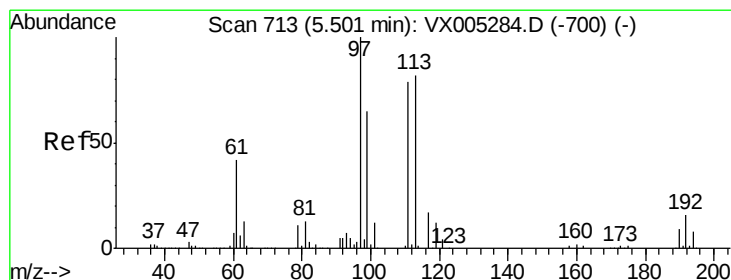
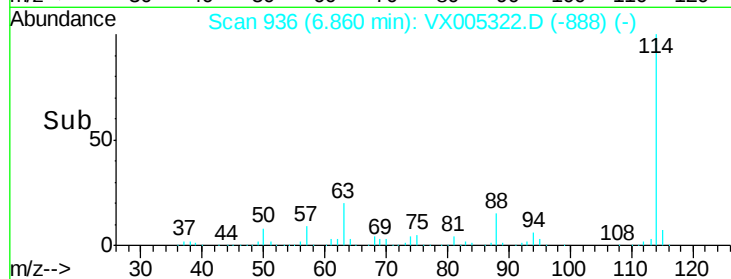
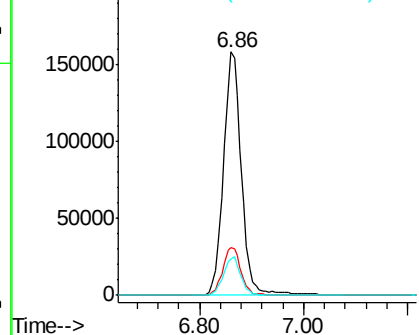
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM

Tgt Ion:114 Resp: 384760
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.1 0.0 30.4

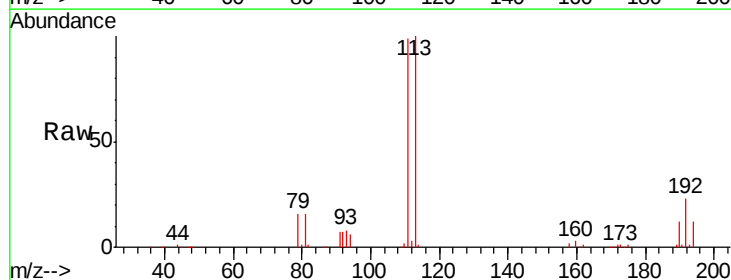


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

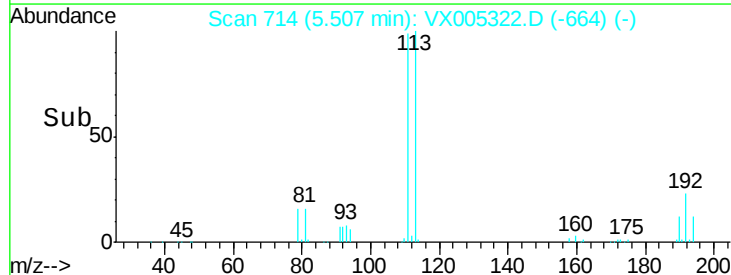
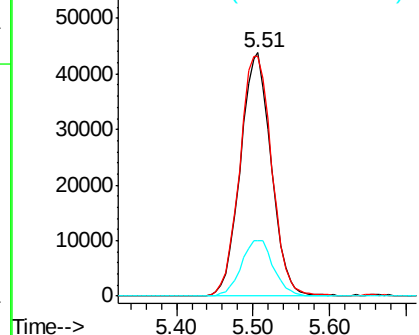


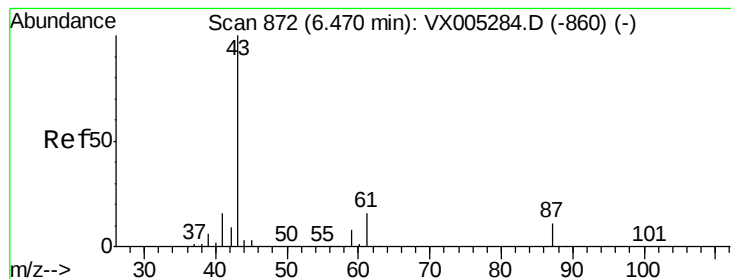
#35
 Dibromofluoromethane
 Concen: 48.04 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Tgt Ion:113 Resp: 122434
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 23.9 19.4 29.2



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





#43

Isopropyl Acetate

Concen: 23.27 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

SOIL-DRUM

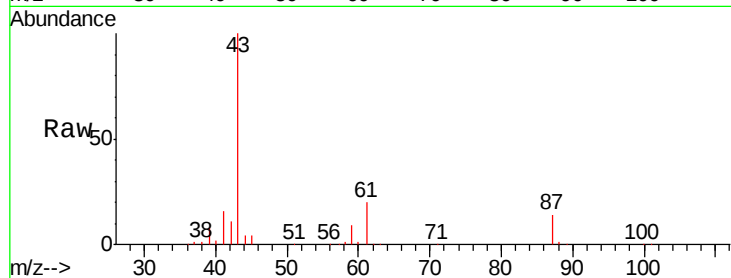
Tgt Ion: 43 Resp: 148532

Ion Ratio Lower Upper

43 100

61 19.5 17.0 25.4

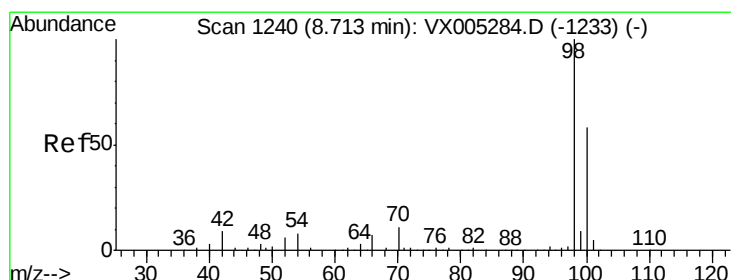
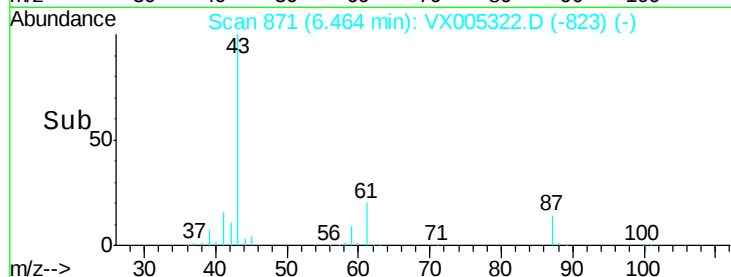
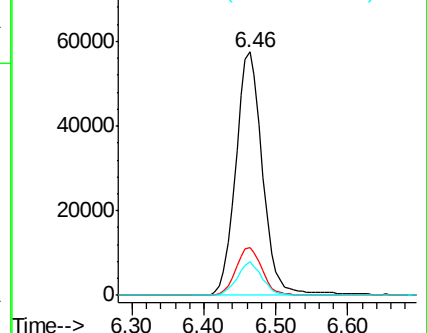
87 12.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.77 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005322.D

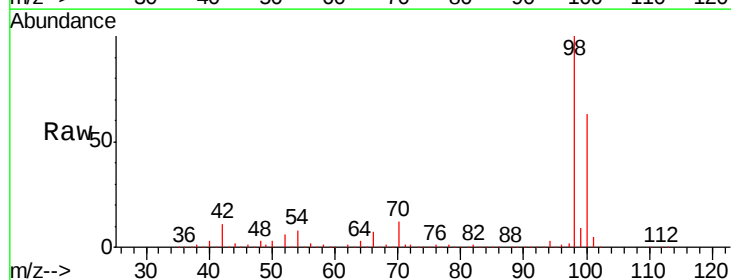
Acq: 13 Oct 2018 04:57

Tgt Ion: 98 Resp: 461684

Ion Ratio Lower Upper

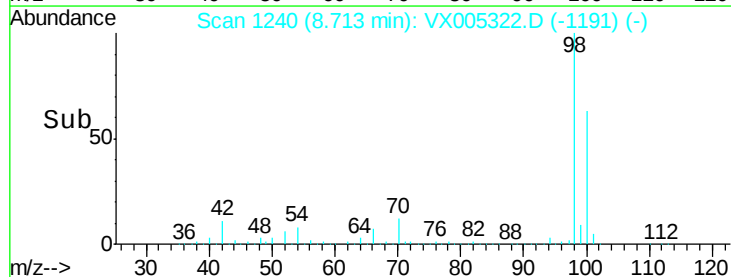
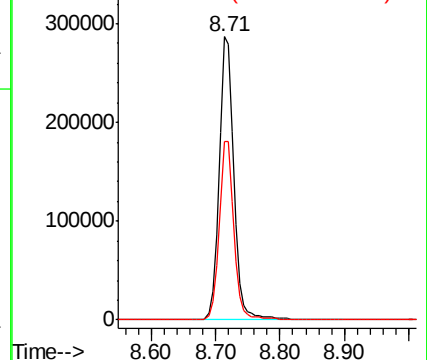
98 100

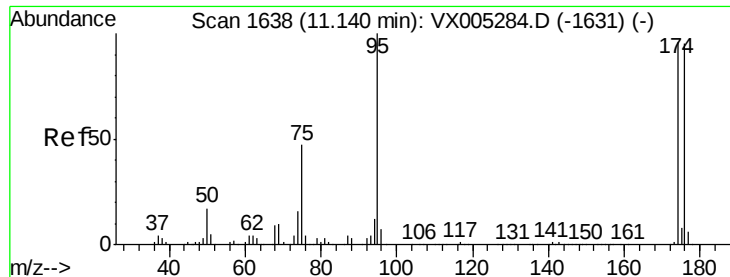
100 63.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

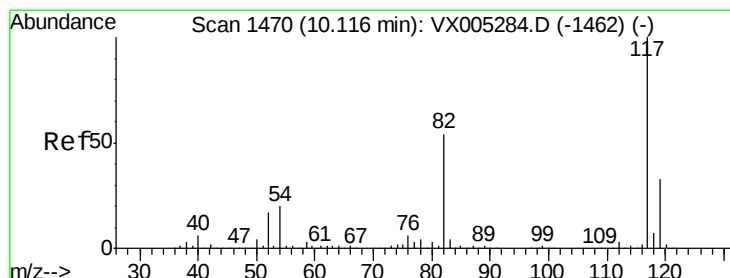
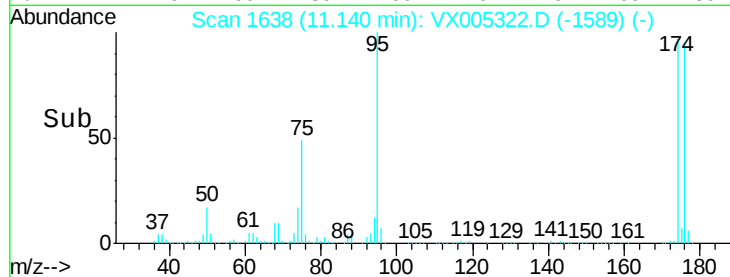
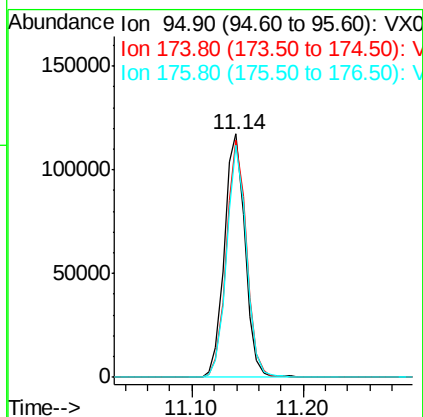
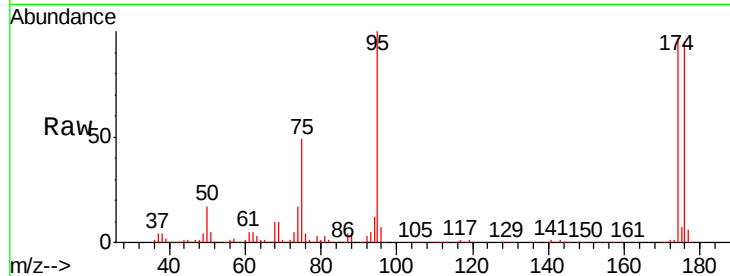




#62
4-Bromofluorobenzene
Concen: 45.81 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

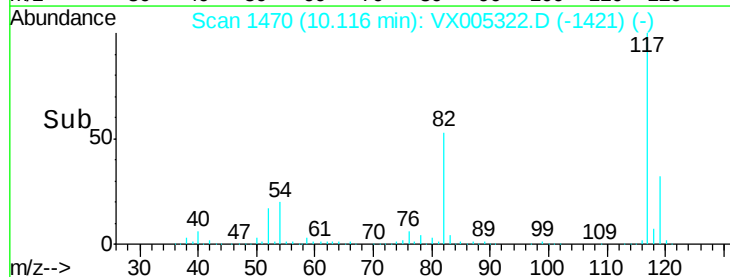
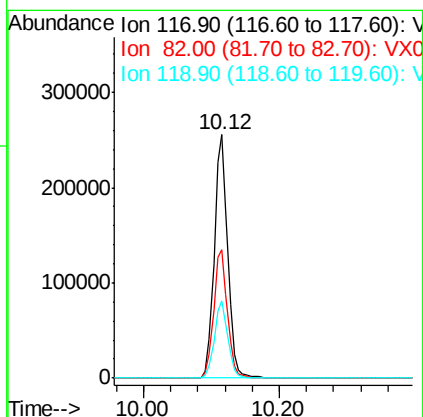
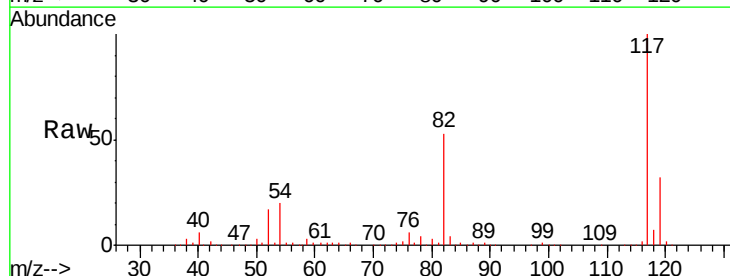
Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM

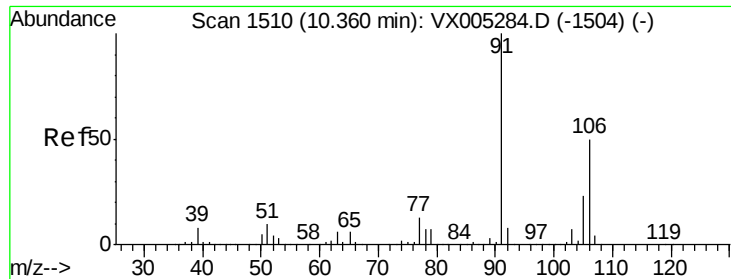
Tgt Ion: 95 Resp: 150567
Ion Ratio Lower Upper
95 100
174 95.1 0.0 185.2
176 91.5 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Tgt Ion: 117 Resp: 350567
Ion Ratio Lower Upper
117 100
82 52.8 47.8 71.6
119 31.8 29.3 43.9

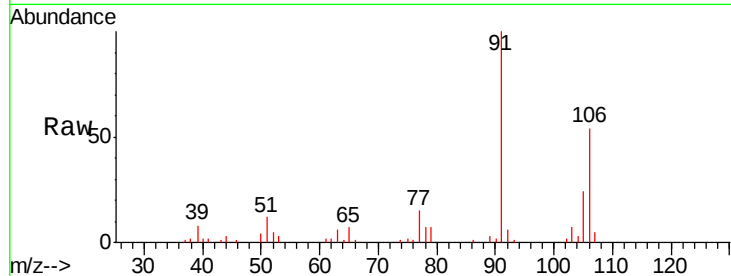




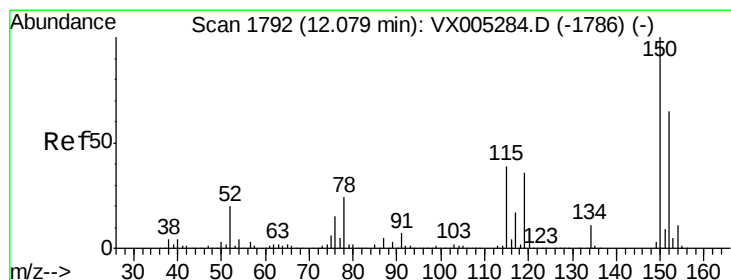
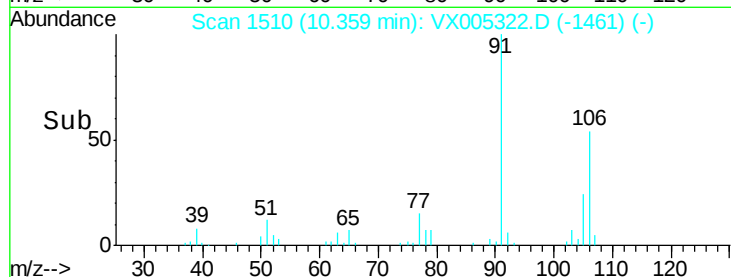
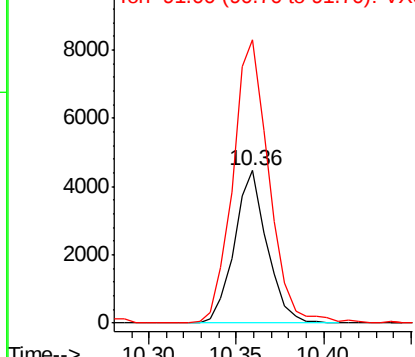
#68
m/p-Xylenes
Concen: 1.23 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM

Tgt Ion:106 Resp: 5806
Ion Ratio Lower Upper
106 100
91 205.2 157.1 235.7

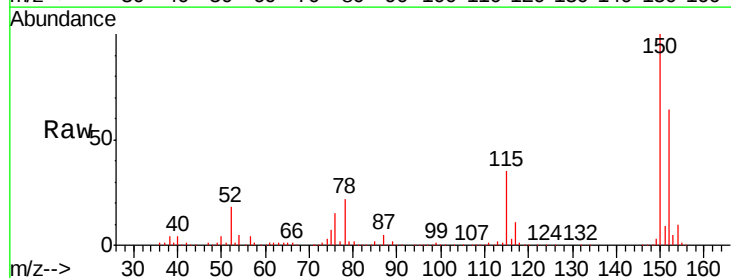


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

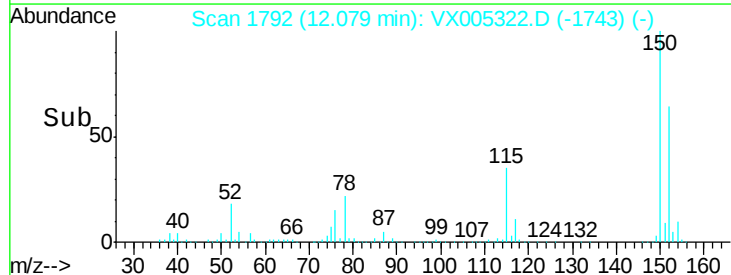
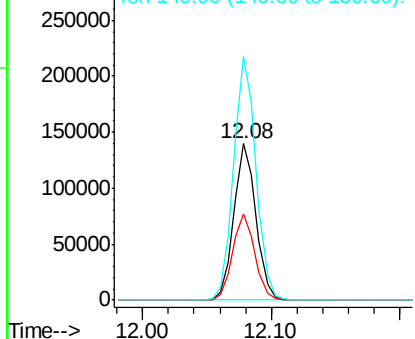


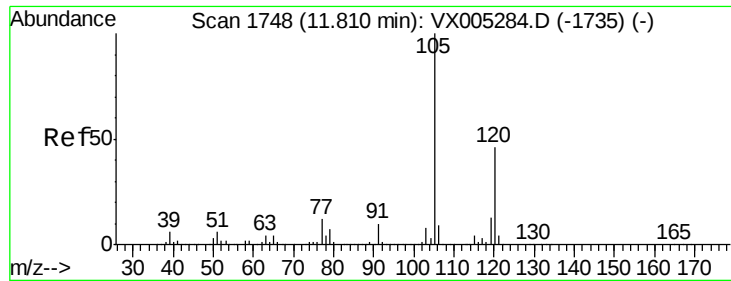
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Tgt Ion:152 Resp: 167066
Ion Ratio Lower Upper
152 100
115 55.6 39.0 117.0
150 158.1 0.0 351.0



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

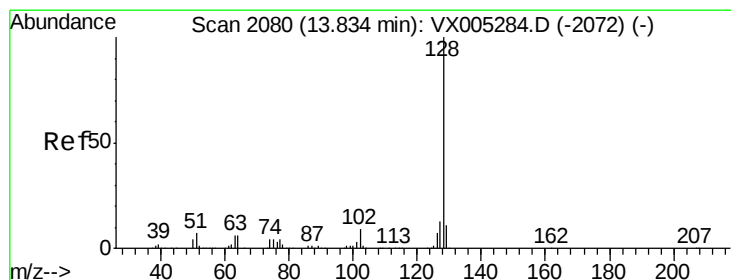
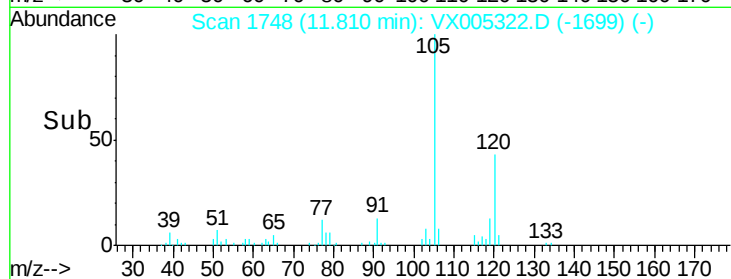
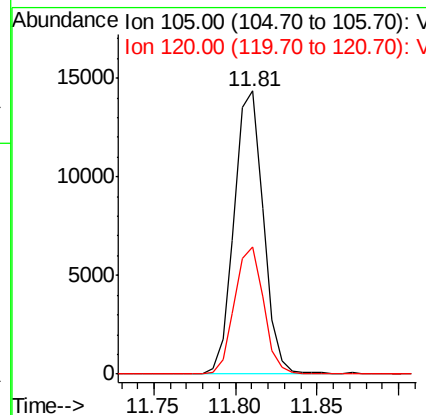
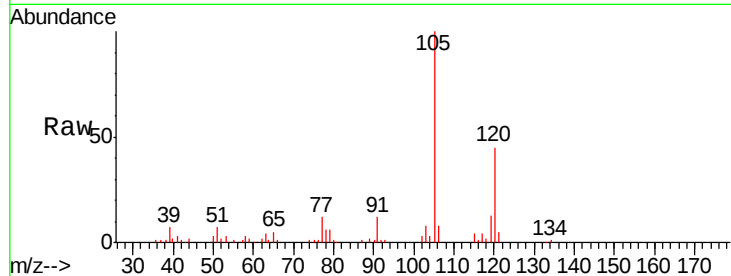




#84
 1,2,4-Trimethylbenzene
 Concen: 2.05 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM

Tgt Ion:105 Resp: 17927
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.2 69.6



#95
 Naphthalene
 Concen: 25.13 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Tgt Ion:128 Resp: 289576
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.2
 129 11.0 8.6 12.8

