

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004946.D
 Acq On : 03 Oct 2018 03:30
 Operator : JC/MD
 Sample : J5191-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 344-OILY-STONES

Quant Time: Oct 03 07:37:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

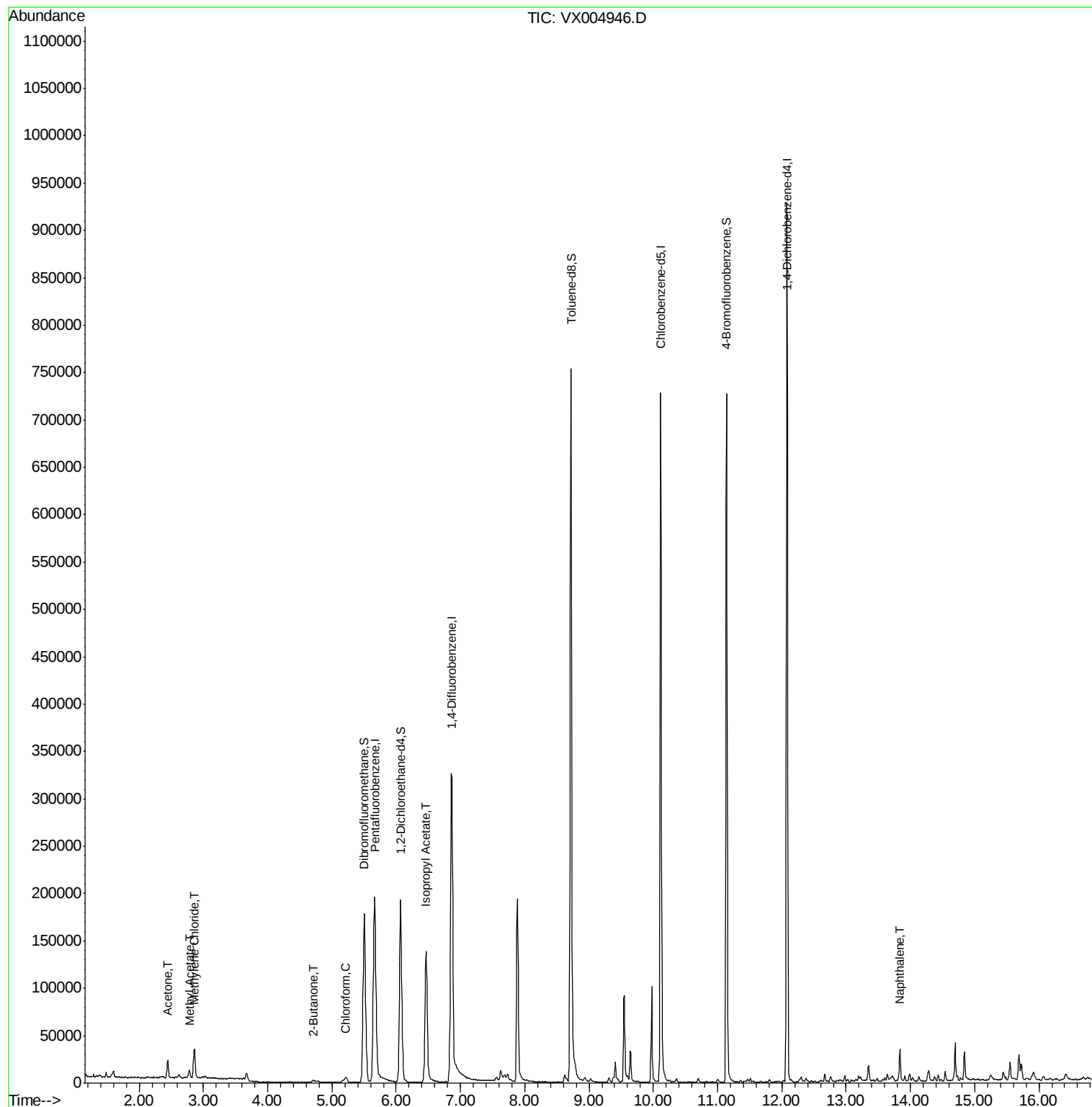
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	172945	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
35) Dibromofluoromethane	5.50	113	148143	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	8.72	98	508182	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.14	95	183914	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	19072	10.581	ug/l #	81
18) Methyl Acetate	2.78	43	10395	2.276	ug/l	98
20) Methylene Chloride	2.86	84	13667	4.450	ug/l	96
25) 2-Butanone	4.72	43	3484	1.311	ug/l	100
30) Chloroform	5.21	83	5362	1.105	ug/l	93
43) Isopropyl Acetate	6.46	43	185340	23.931	ug/l	96
95) Naphthalene	13.83	128	20711	1.996	ug/l	100

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

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Quant Time: Oct 03 07:37:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004946.D

Acq: 03 Oct 2018 03:30

Instrument :

MSVOA_X

ClientSampleId :

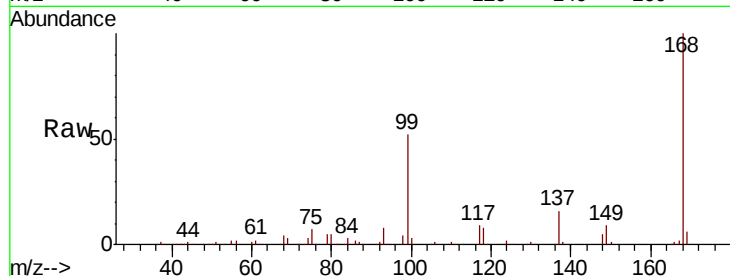
344-OILY-STONES

Tot Ion:168 Resp: 216134

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

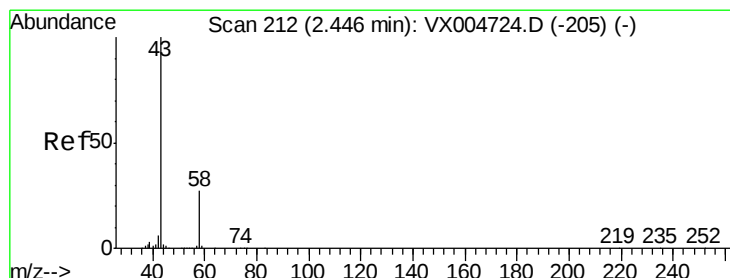
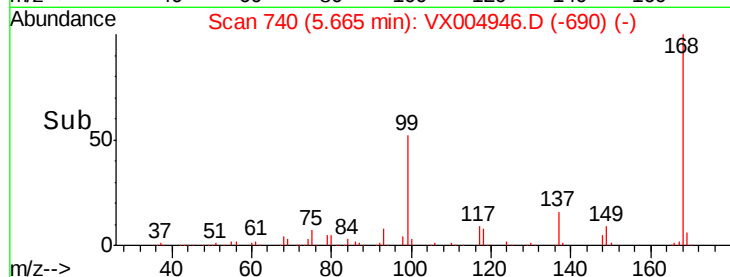
40000

20000

0

Time-->

5.60 5.80



#16

Acetone

Concen: 10.581 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004946.D

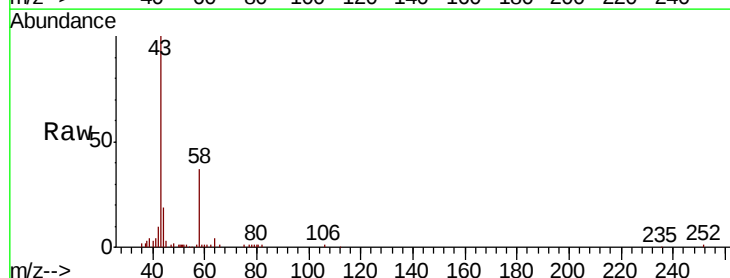
Acq: 03 Oct 2018 03:30

Tgt Ion: 43 Resp: 19072

Ion Ratio Lower Upper

43 100

58 37.3 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

6000

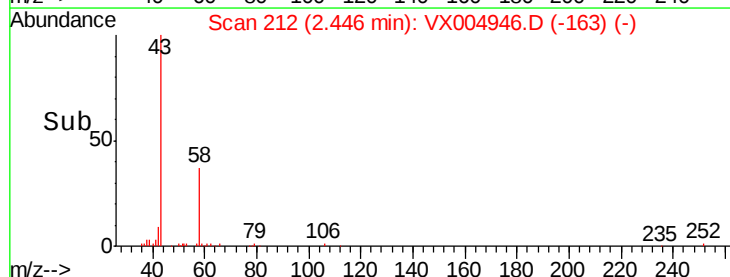
4000

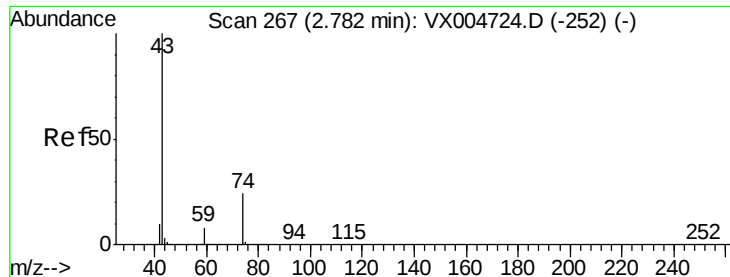
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55

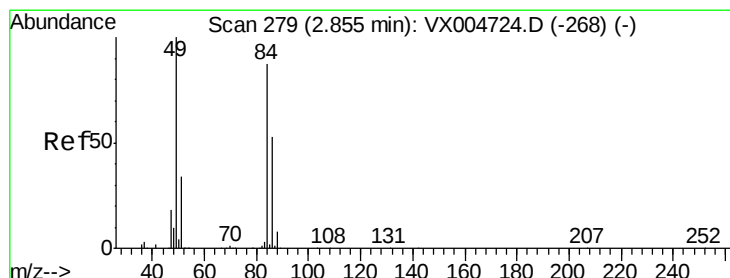
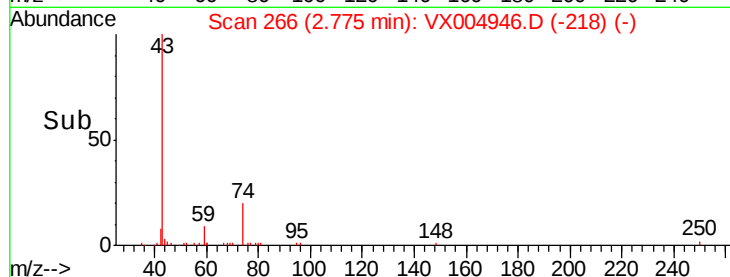
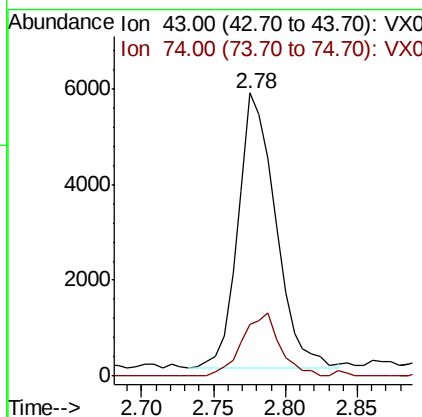
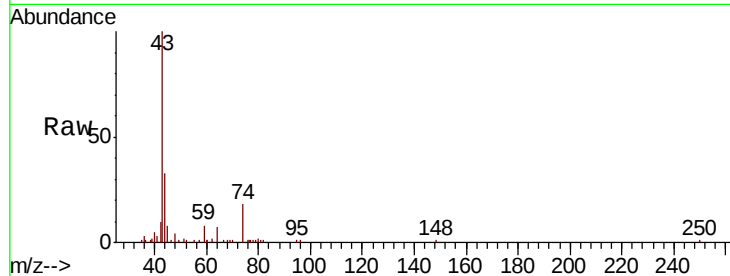




#18
Methyl Acetate
Concen: 2.276 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004946.D
Acq: 03 Oct 2018 03:30

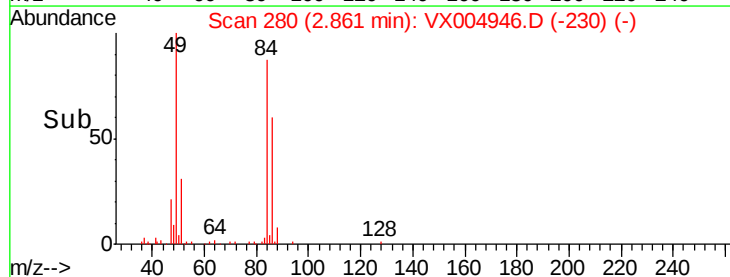
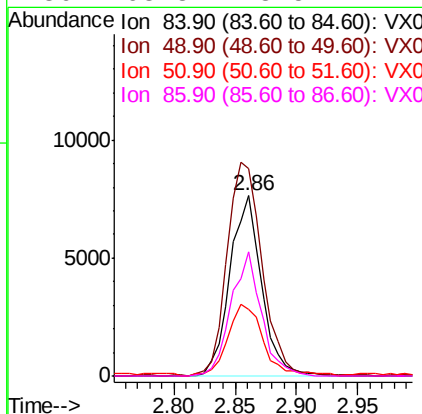
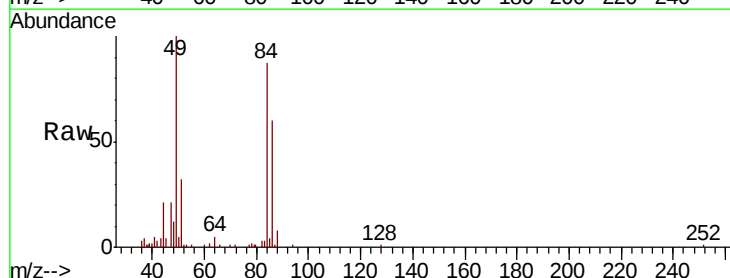
Instrument :
MSVOA_X
ClientSampleId :
344-OILY-STONES

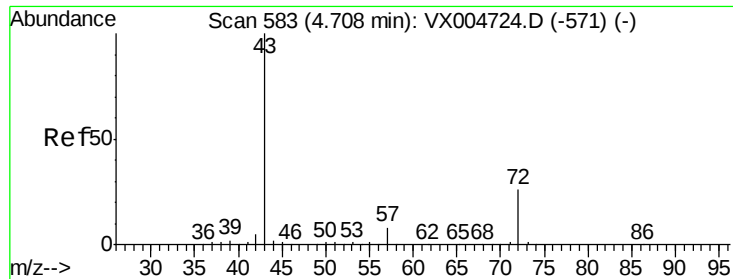
Tot Ion: 43 Resp: 10395
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8



#20
Methylene Chloride
Concen: 4.450 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004946.D
Acq: 03 Oct 2018 03:30

Tgt Ion: 84 Resp: 13667
Ion Ratio Lower Upper
84 100
49 115.2 92.3 138.5
51 36.8 31.8 47.6
86 68.8 48.5 72.7





#25

2-Butanone

Concen: 1.311 ug/l

RT: 4.72 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX004946.D

Acq: 03 Oct 2018 03:30

Instrument :

MSVOA_X

ClientSampleId :

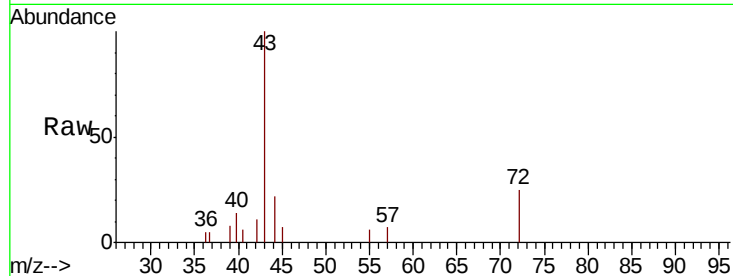
344-OILY-STONES

Tot Ion: 43.00 Resp: 3484

Ion Ratio Lower Upper

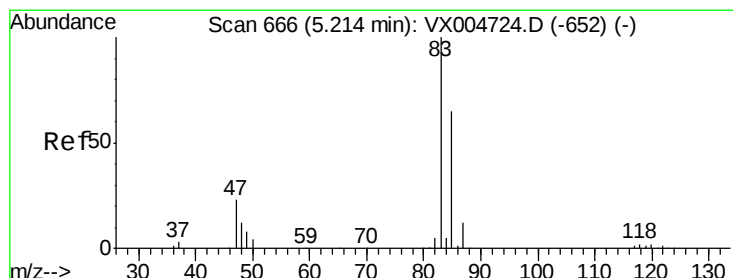
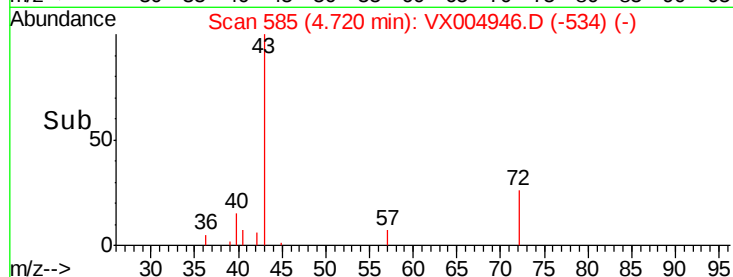
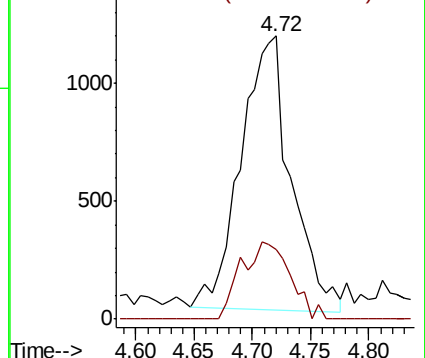
43 100

72 25.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 1.105 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004946.D

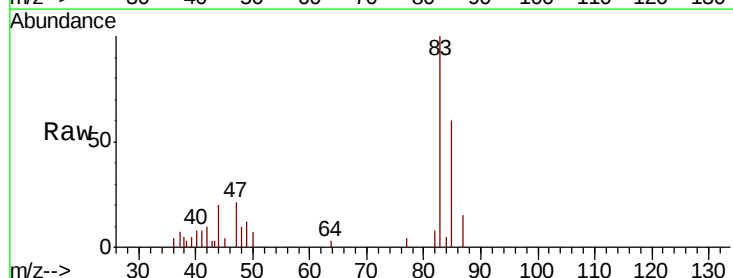
Acq: 03 Oct 2018 03:30

Tgt Ion: 83 Resp: 5362

Ion Ratio Lower Upper

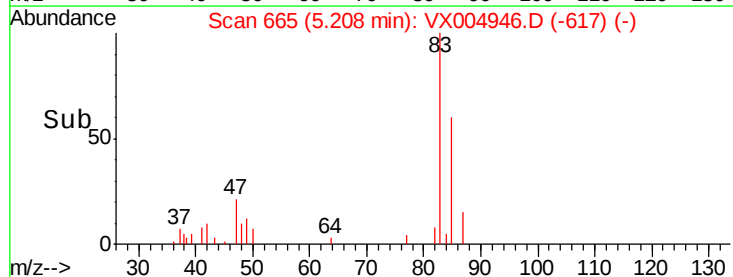
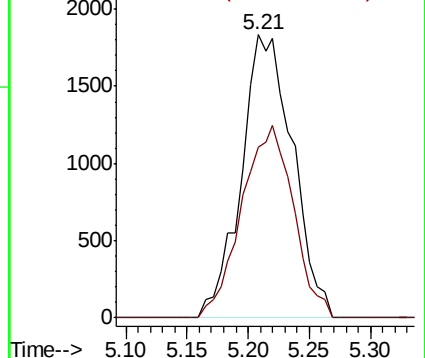
83 100

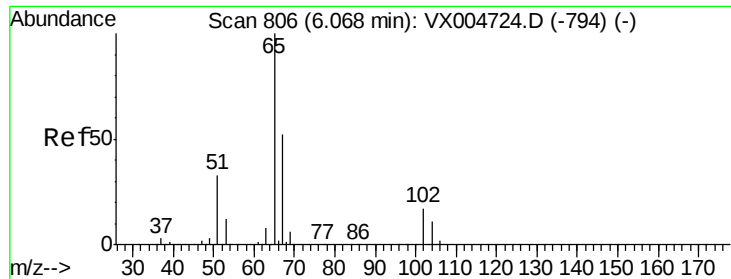
85 60.2 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 56.015 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004946.D

Acq: 03 Oct 2018 03:30

Instrument :

MSVOA_X

ClientSampleId :

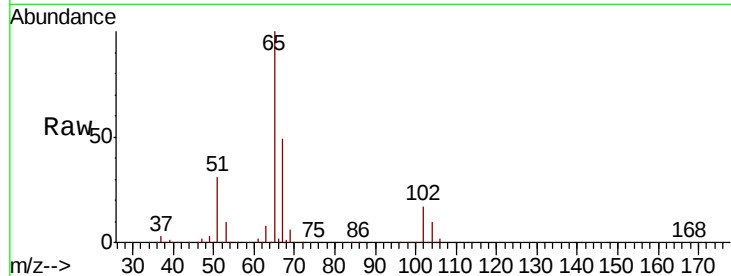
344-OILY-STONES

Tot Ion: 65 Resp: 172945

Ion Ratio Lower Upper

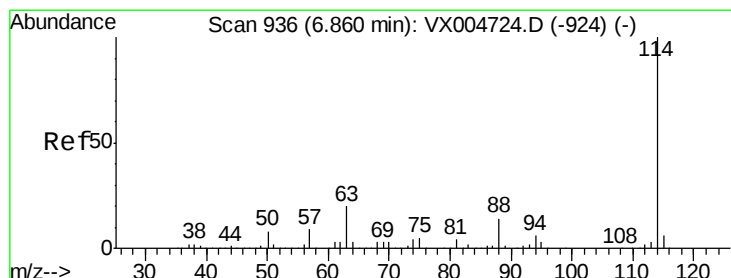
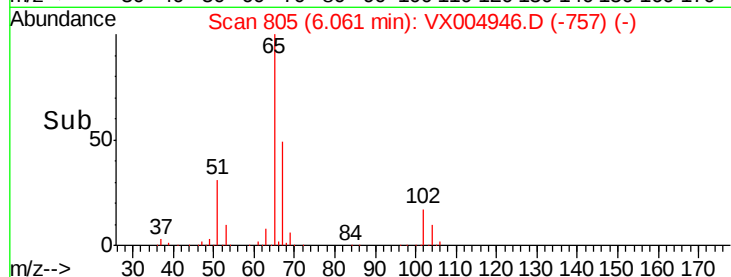
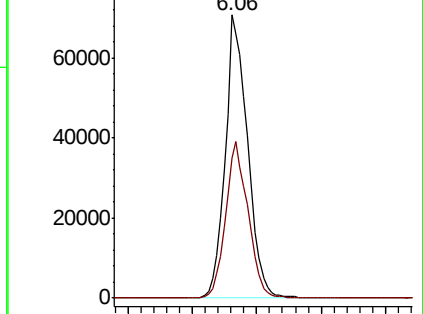
65 100

67 55.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004946.D

Acq: 03 Oct 2018 03:30

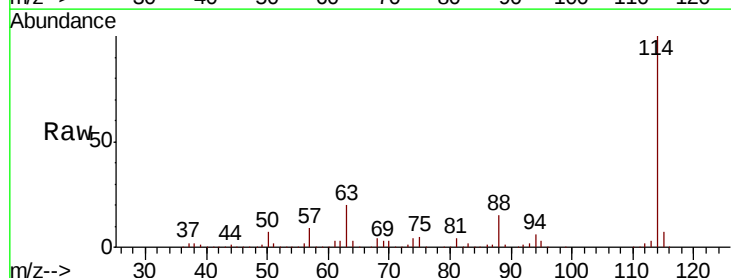
Tgt Ion: 114 Resp: 349594

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

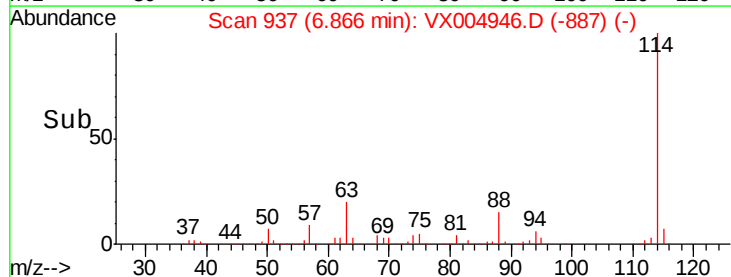
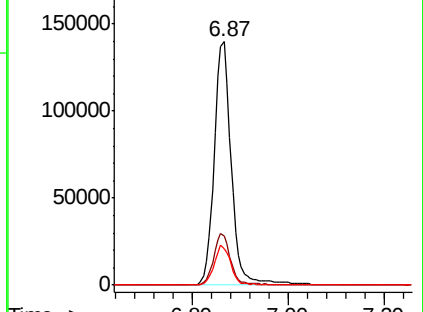
88 15.1 0.0 27.0

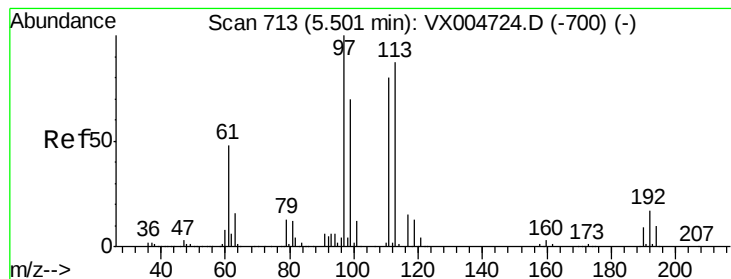


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004946.D

Acq: 03 Oct 2018 03:30

Instrument :
MSVOA_X
ClientSampleId :
344-OILY-STONES

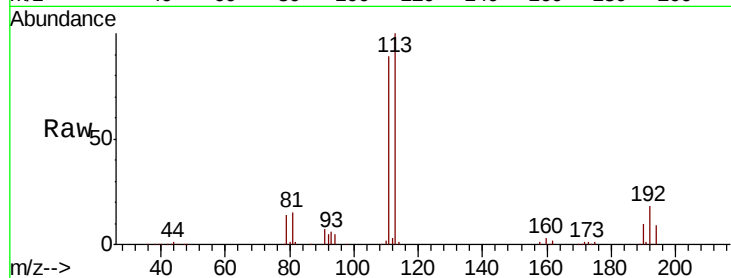
Tot Ion:113 Resp: 148143

Ion Ratio Lower Upper

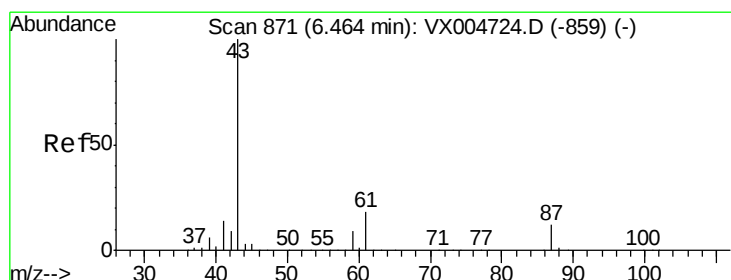
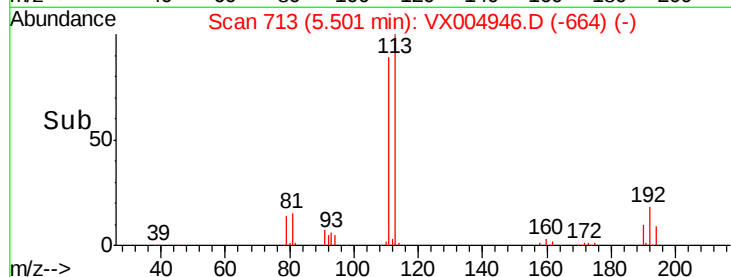
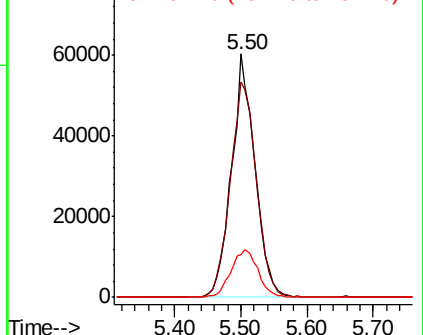
113 100

111 98.3 77.0 115.4

192 22.4 17.0 25.6



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: 23.931 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004946.D

Acq: 03 Oct 2018 03:30

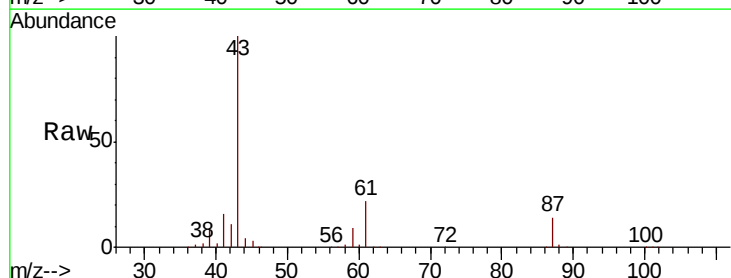
Tgt Ion: 43 Resp: 185340

Ion Ratio Lower Upper

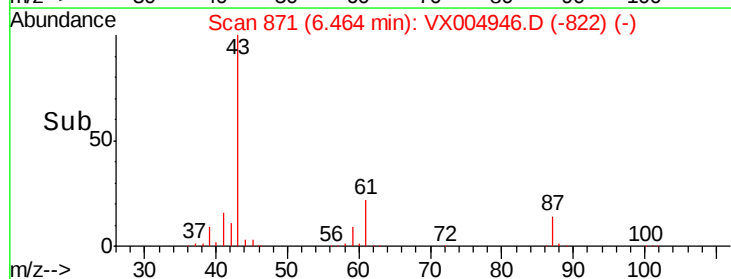
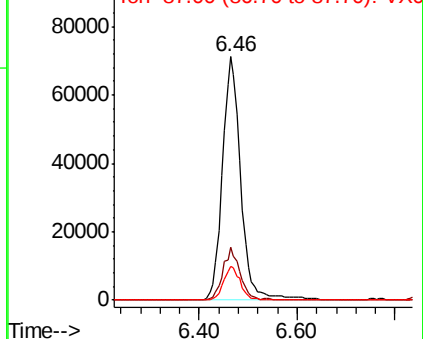
43 100

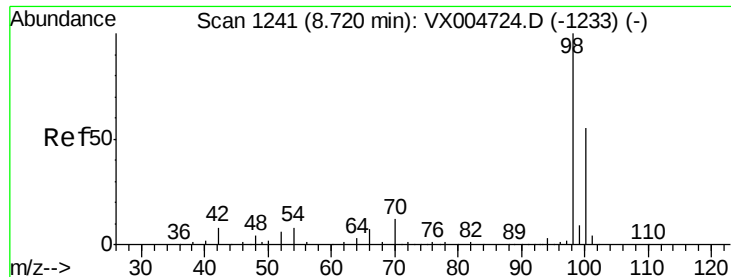
61 19.8 14.2 21.4

87 12.9 9.3 13.9



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: 51.592 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004946.D

Acq: 03 Oct 2018 03:30

Instrument :

MSVOA_X

ClientSampleId :

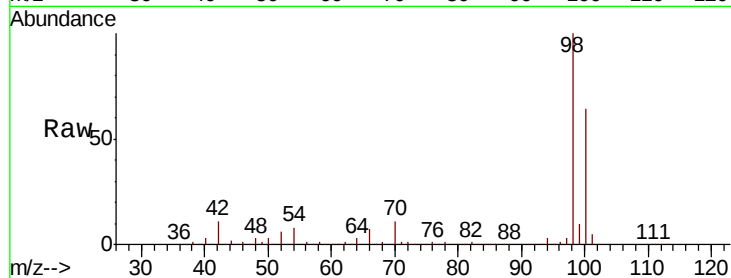
344-OILY-STONES

Tot Ion: 98 Resp: 508182

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

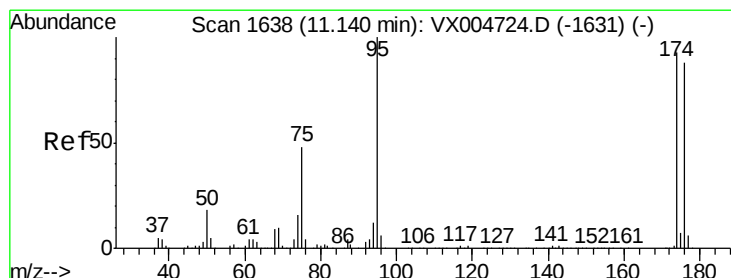
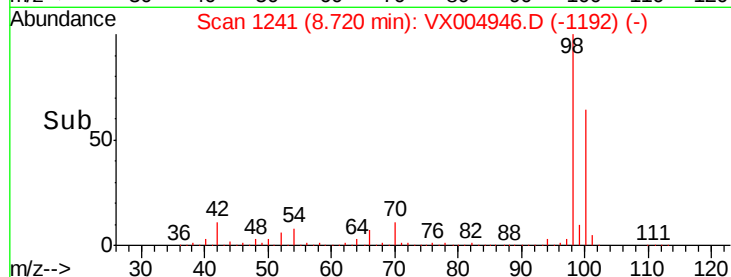
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.828 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004946.D

Acq: 03 Oct 2018 03:30

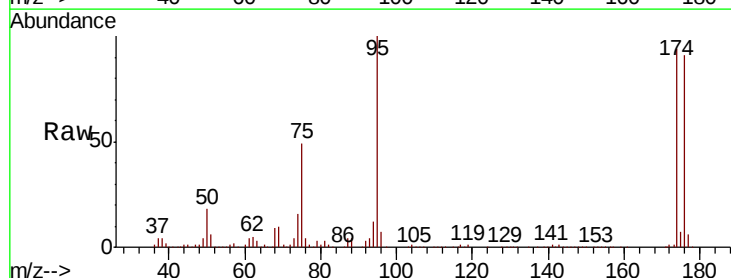
Tgt Ion: 95 Resp: 183914

Ion Ratio Lower Upper

95 100

174 93.4 0.0 185.0

176 89.4 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

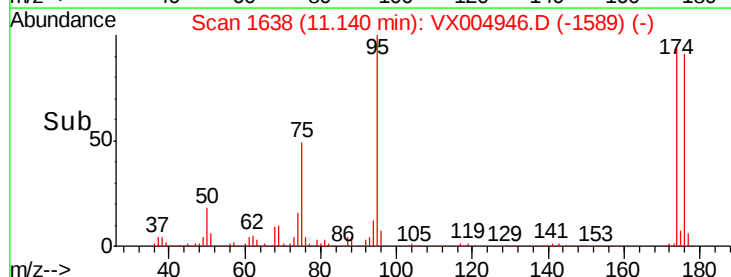
150000

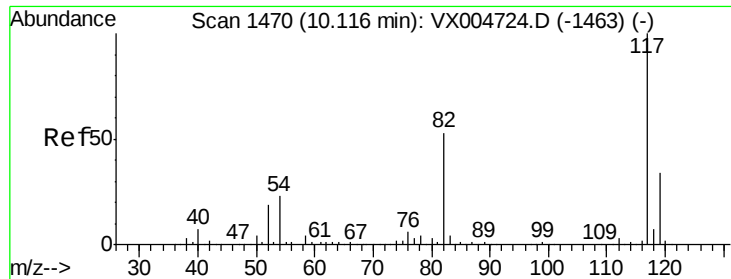
100000

50000

0

Time-->

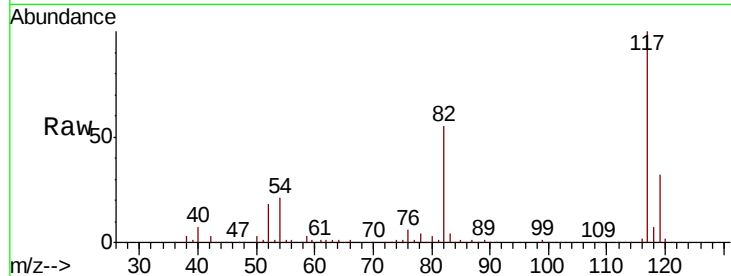




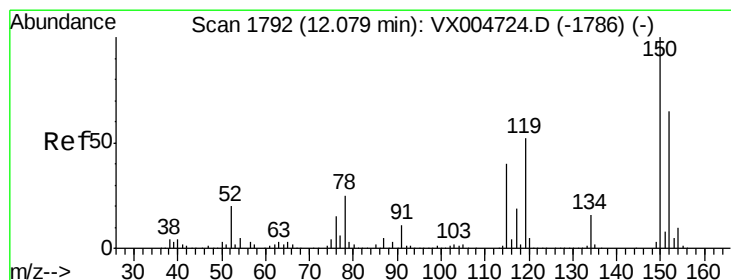
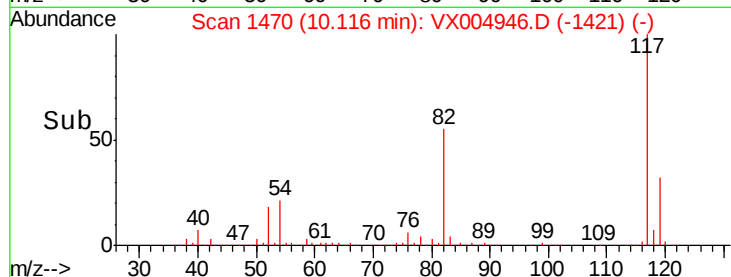
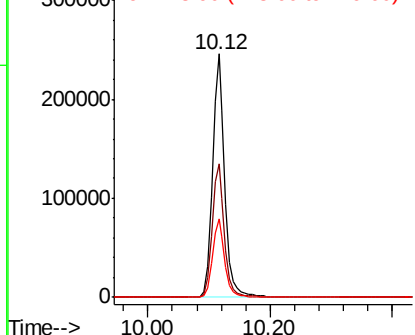
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004946.D
Acq: 03 Oct 2018 03:30

Instrument :
MSVOA_X
ClientSampleId :
344-OILY-STONES

Tot Ion:117 Resp: 349067
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 32.4 27.4 41.0

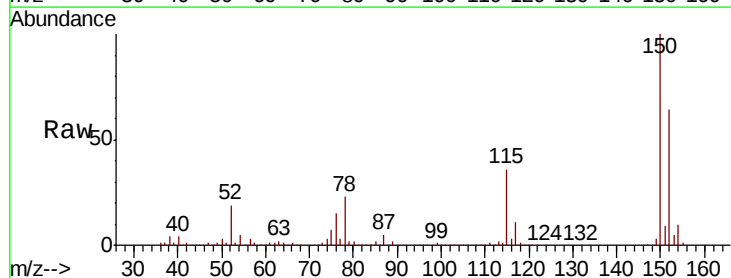


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

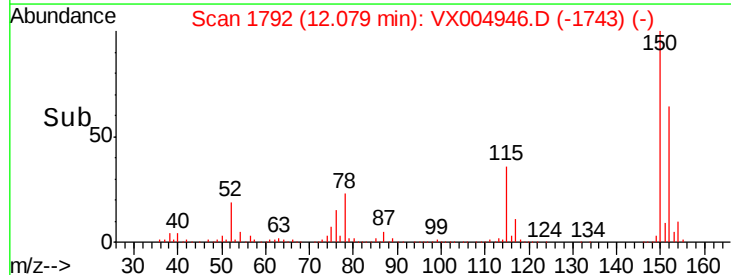
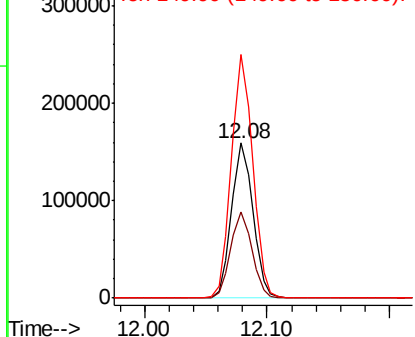


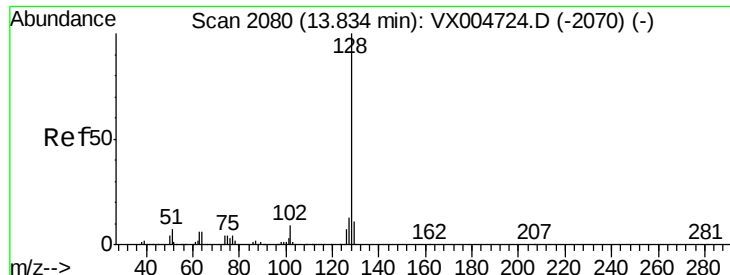
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004946.D
Acq: 03 Oct 2018 03:30

Tgt Ion:152 Resp: 192267
Ion Ratio Lower Upper
152 100
115 55.4 40.2 120.6
150 156.7 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

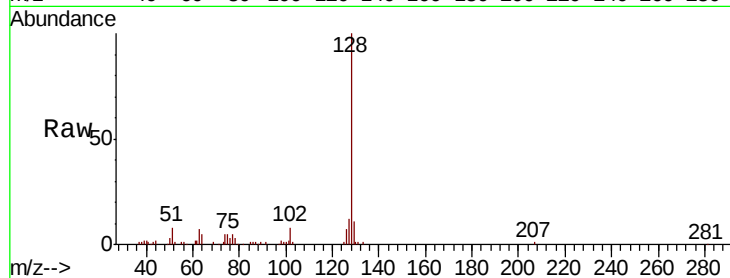




#95
Naphthalene
Concen: 1.996 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004946.D
Acq: 03 Oct 2018 03:30

Instrument :
MSVOA_X
ClientSampleId :
344-OILY-STONES

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

