

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002495.D
 Acq On : 13 Jun 2018 04:51
 Operator : JC/MD
 Sample : J3429-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-STONES

Quant Time: Jun 13 07:30:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

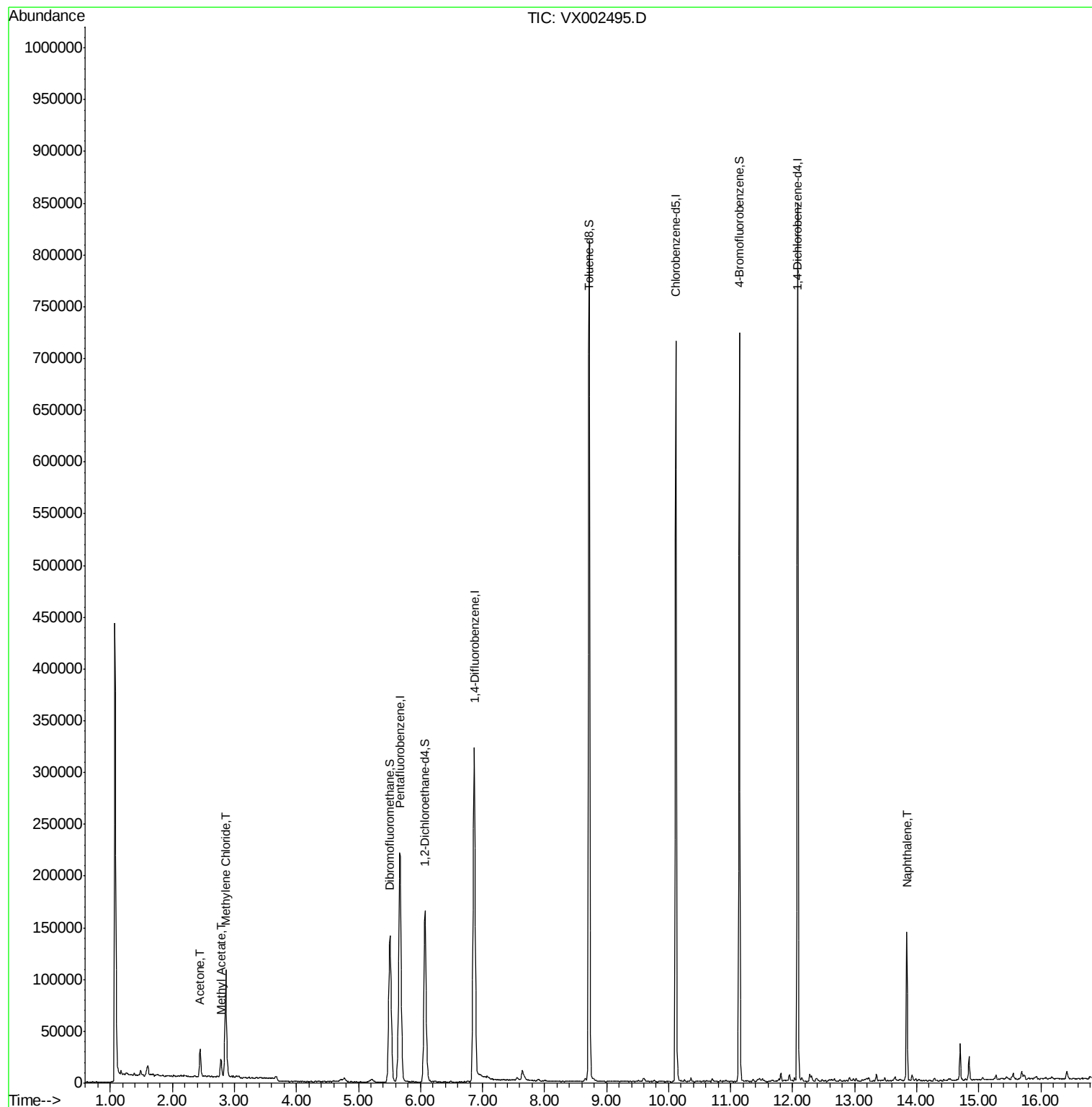
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155382	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	5.51	113	115757	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
50) Toluene-d8	8.72	98	459995	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.14	95	164332	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
16) Acetone	2.45	43	28319	2.540	ug/l	96
18) Methyl Acetate	2.78	43	21144	4.437	ug/l	98
20) Methylene Chloride	2.86	84	44796	16.670	ug/l	98
95) Naphthalene	13.84	128	88525	6.993	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

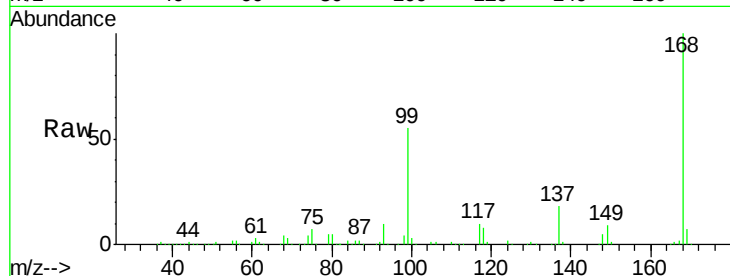
OILY-STONES

Tot Ion:168 Resp: 214017

Ion Ratio Lower Upper

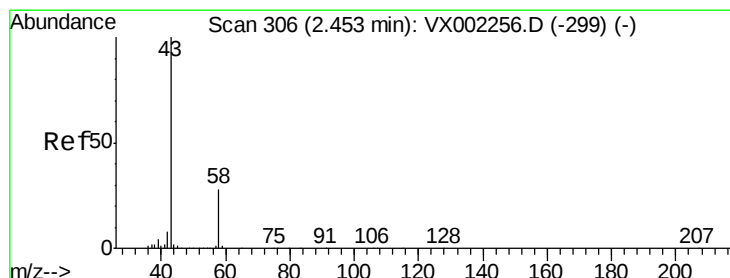
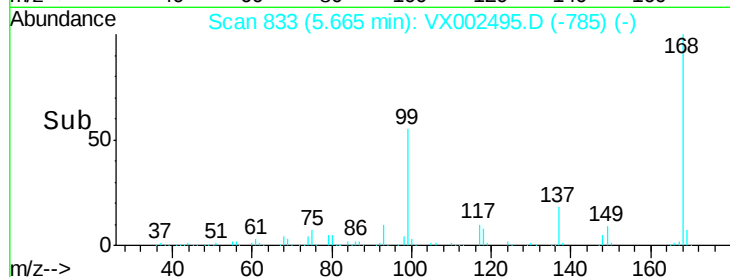
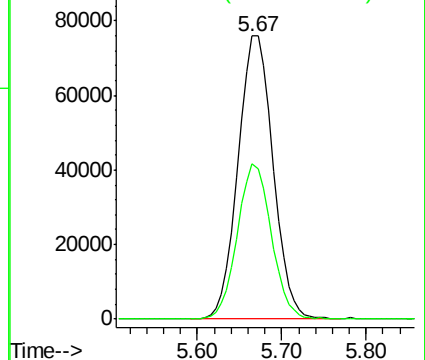
168 100

99 54.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.540 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002495.D

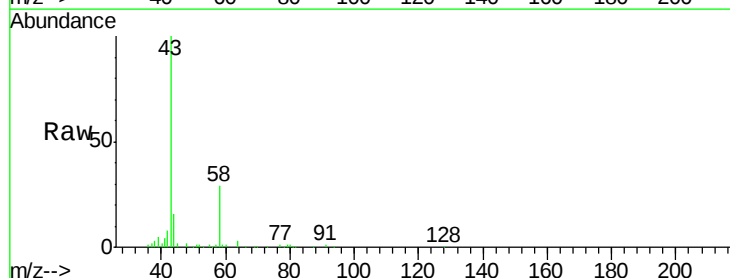
Acq: 13 Jun 2018 04:51

Tgt Ion: 43 Resp: 28319

Ion Ratio Lower Upper

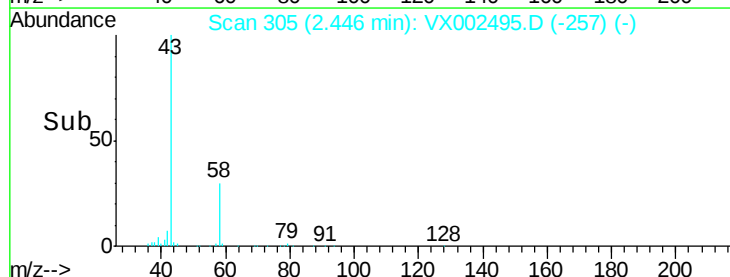
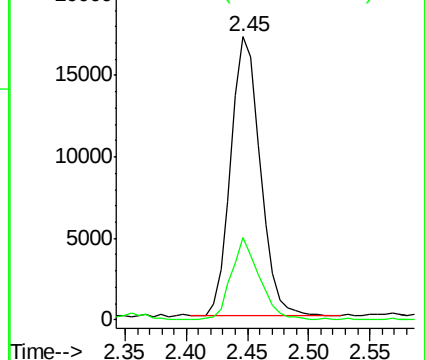
43 100

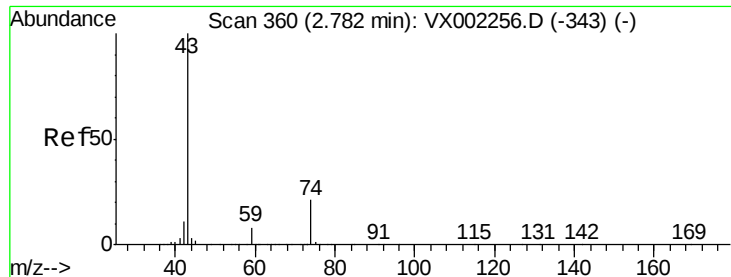
58 29.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

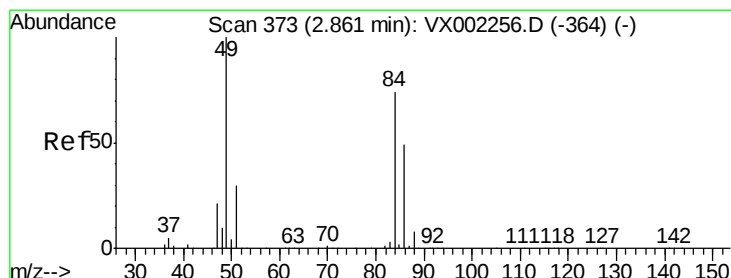
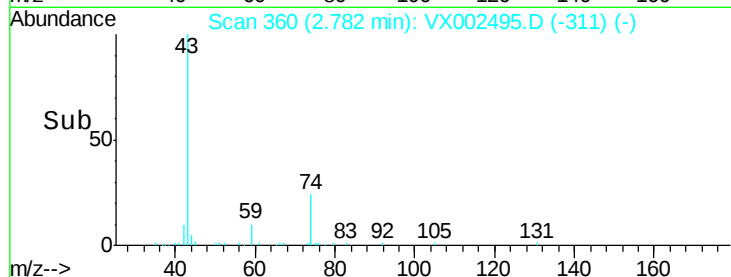
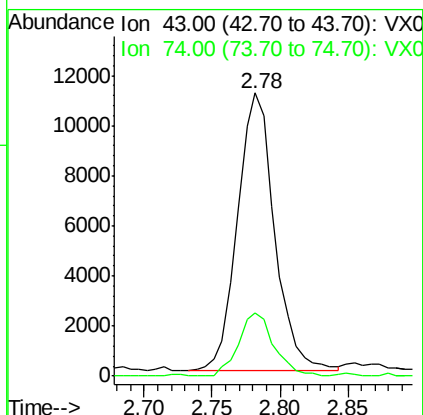
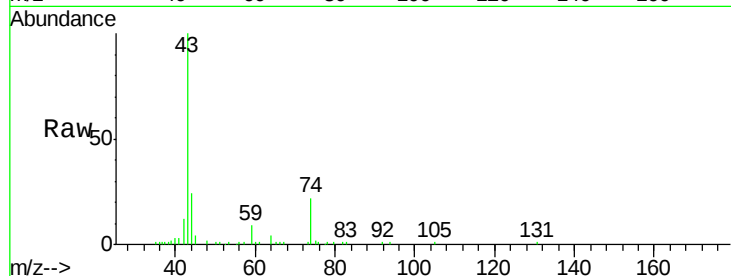




#18
Methvl Acetate
Concen: 4.437 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

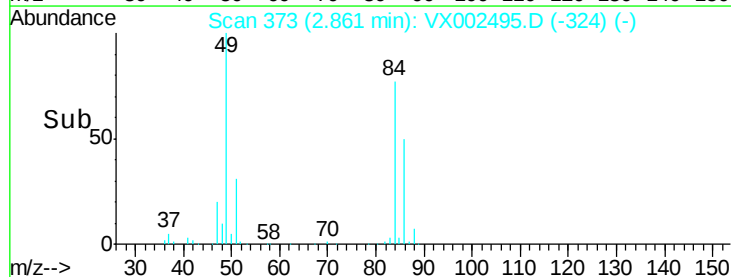
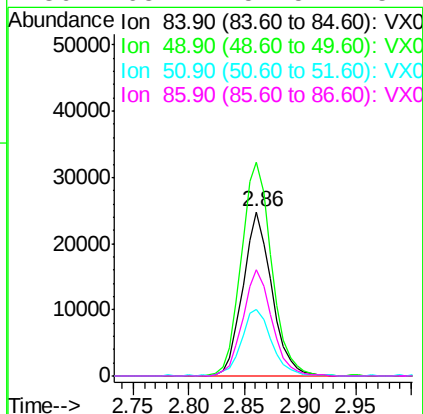
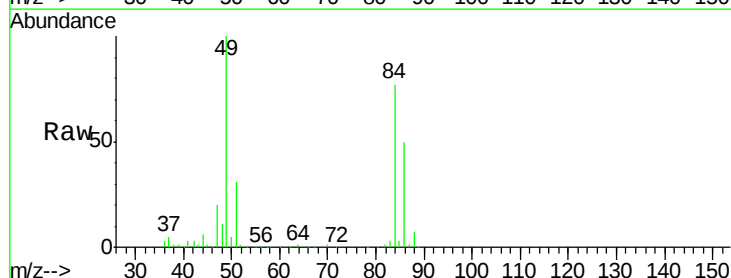
Instrument :
MSVOA_X
ClientSampleId :
OILY-STONES

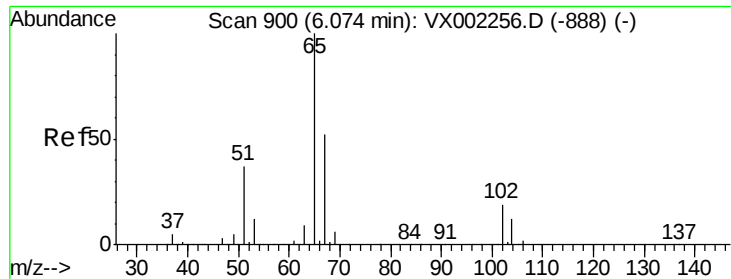
Tot Ion: 43 Resp: 21144
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1



#20
Methylene Chloride
Concen: 16.670 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Tgt Ion: 84 Resp: 44796
Ion Ratio Lower Upper
84 100
49 130.2 107.8 161.6
51 40.7 32.8 49.2
86 65.1 52.5 78.7

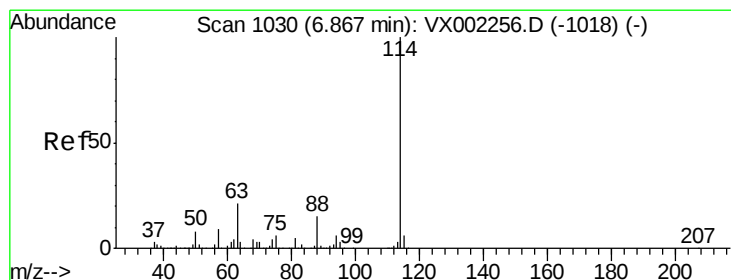
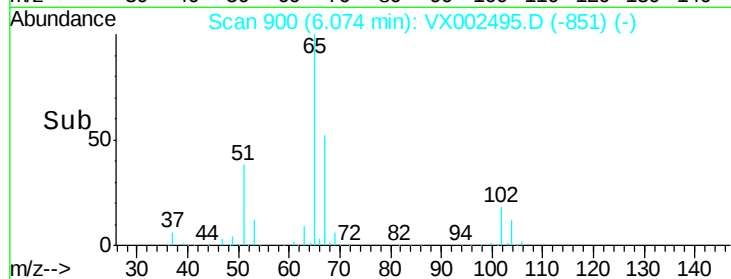
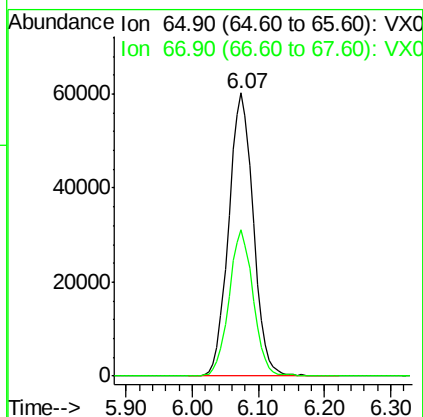
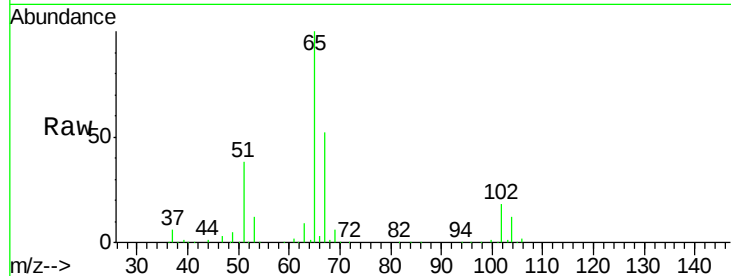




#33
 1,2-Dichloroethane-d4
 Concen: 50.828 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002495.D
 Acq: 13 Jun 2018 04:51

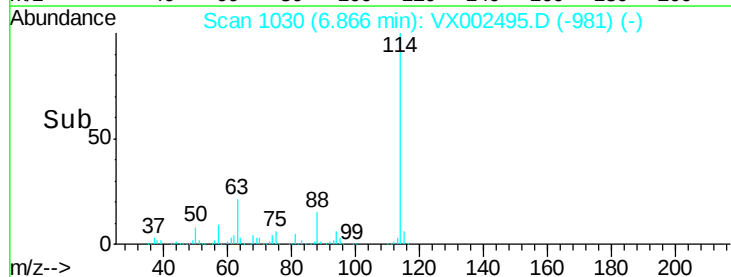
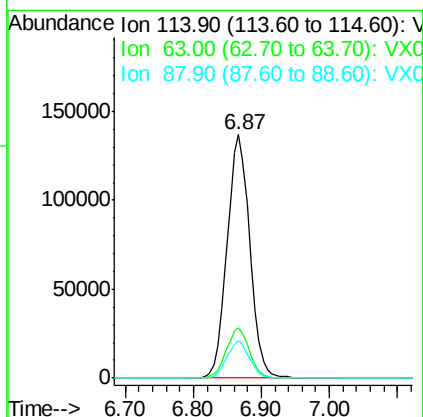
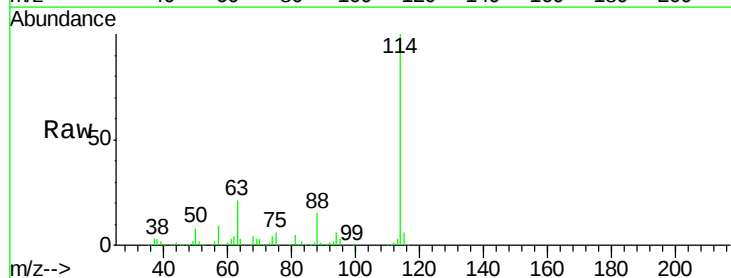
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-STONES

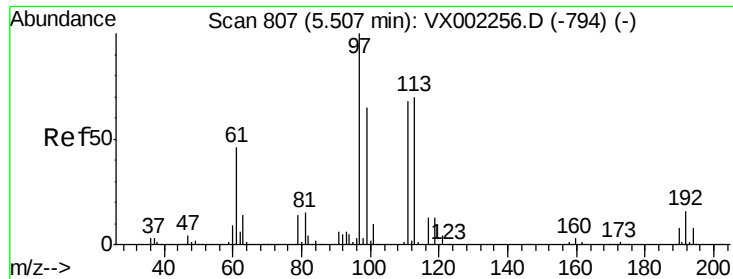
Tot Ion: 65 Resp: 155382
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002495.D
 Acq: 13 Jun 2018 04:51

Tgt Ion: 114 Resp: 316849
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.4 0.0 30.0

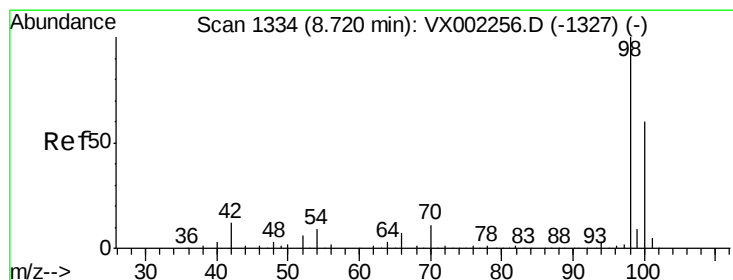
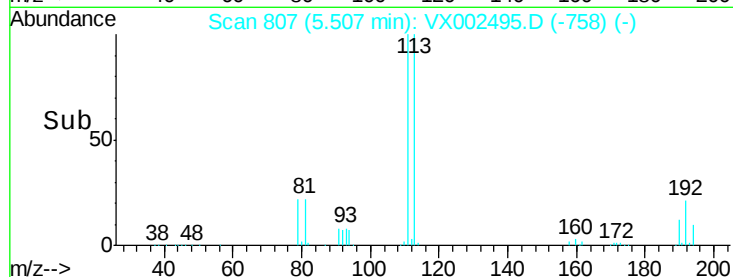
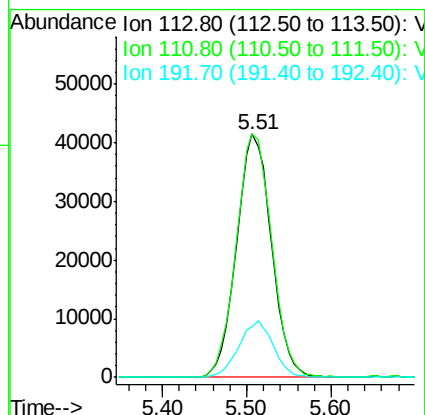
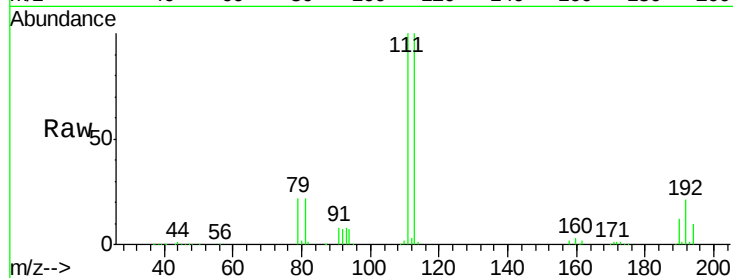




#35
 Dibromofluoromethane
 Concen: 46.457 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002495.D
 Acq: 13 Jun 2018 04:51

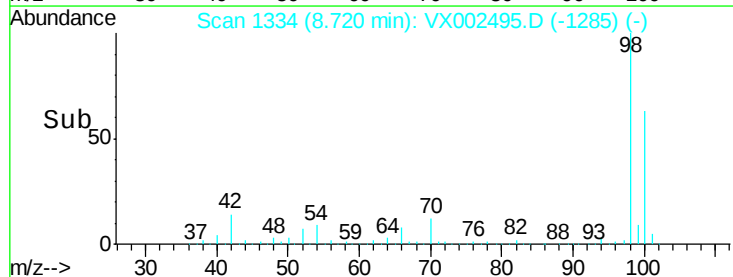
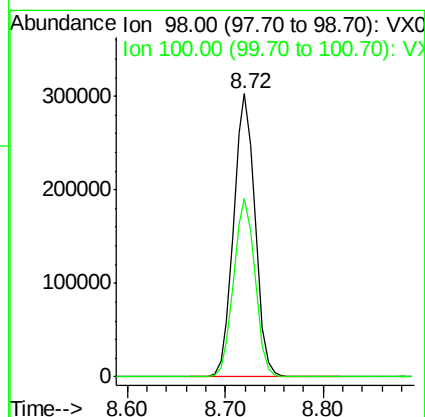
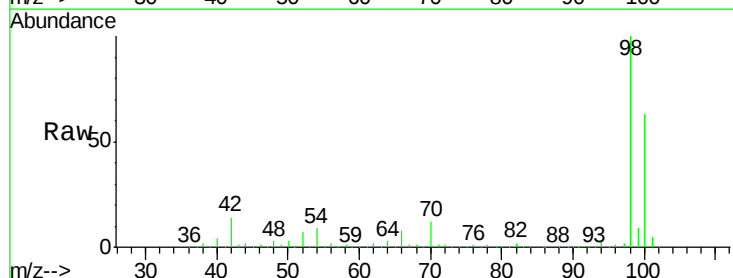
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-STONES

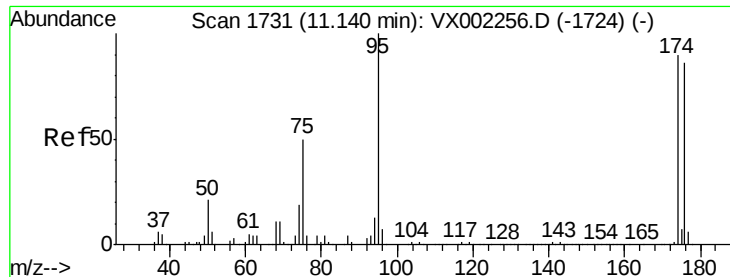
Tot Ion:113 Resp: 115757
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 23.0 19.1 28.7



#50
 Toluene-d8
 Concen: 48.164 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002495.D
 Acq: 13 Jun 2018 04:51

Tgt Ion: 98 Resp: 459995
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.9 76.3

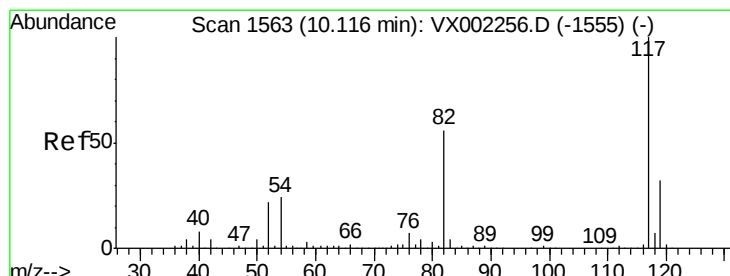
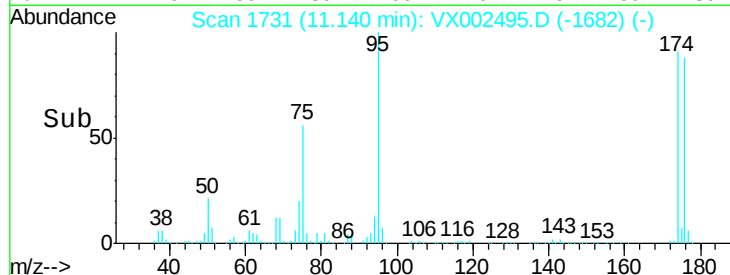
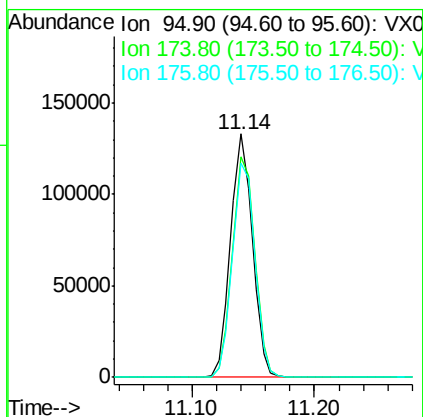
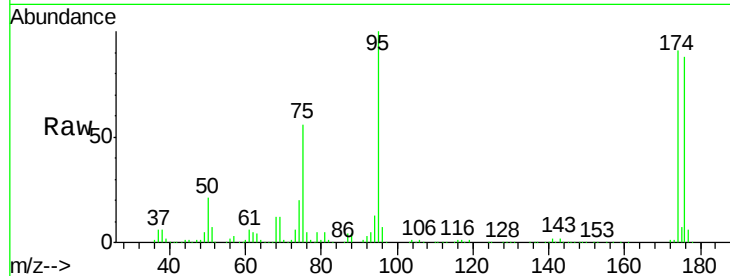




#62
4-Bromofluorobenzene
Concen: 44.621 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

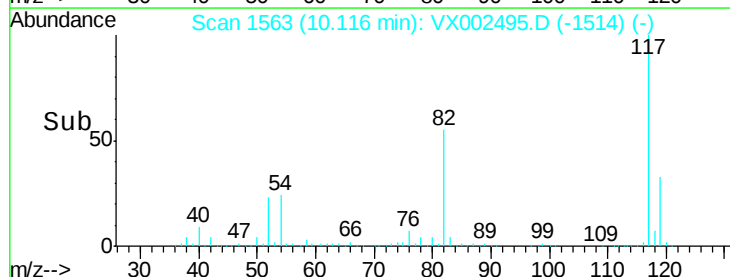
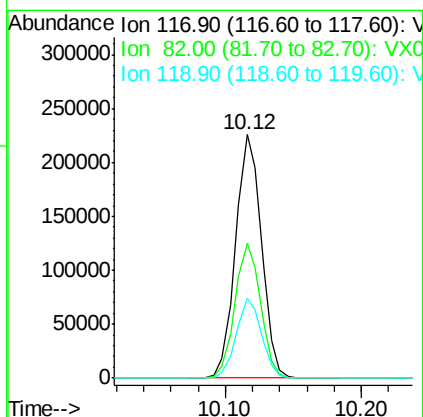
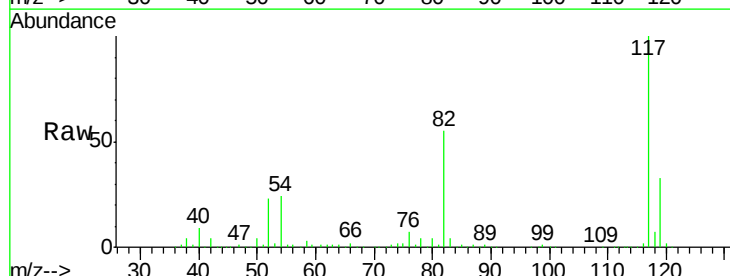
Instrument :
MSVOA_X
ClientSampleId :
OILY-STONES

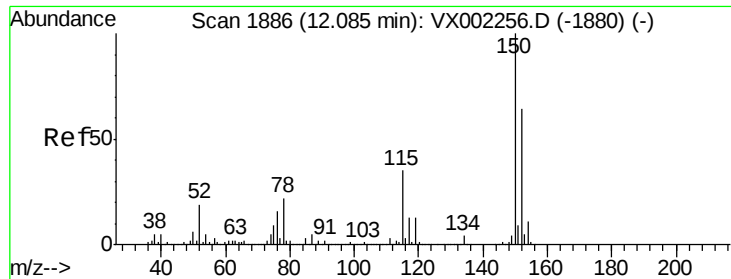
Tot Ion: 95 Resp: 164332
Ion Ratio Lower Upper
95 100
174 93.1 0.0 187.4
176 90.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Tgt Ion: 117 Resp: 298343
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

ClientSampled :

OILY-STONES

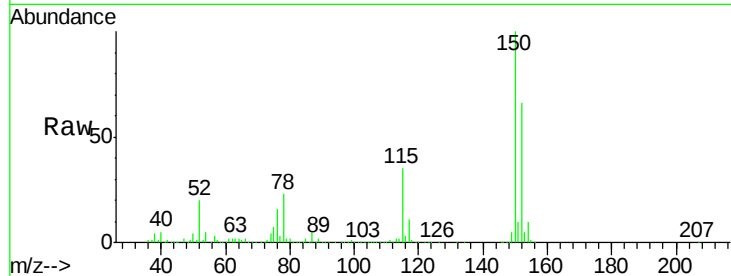
Tot Ion:152 Resp: 173914

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

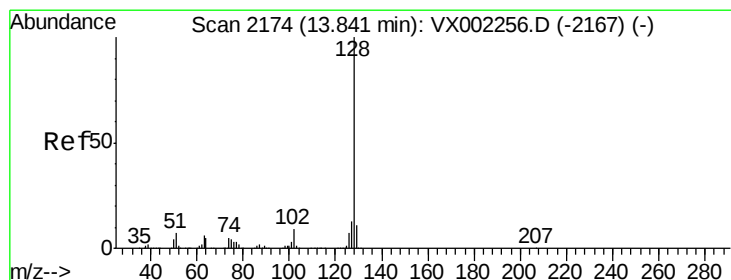
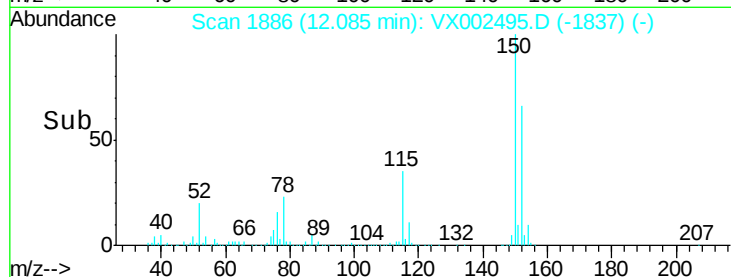
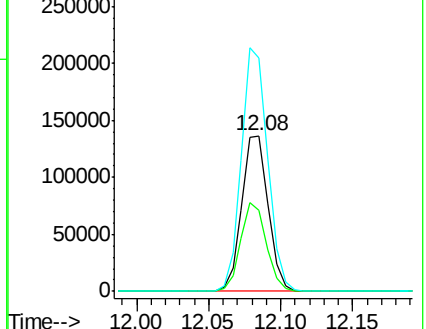
150 155.0 0.0 347.2



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: 6.993 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

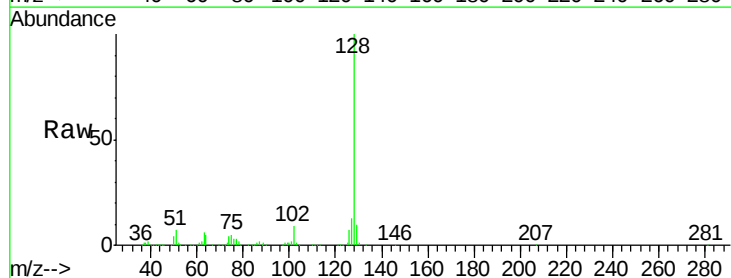
Tgt Ion:128 Resp: 88525

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.7 8.6 13.0



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

