

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000337.D
 Acq On : 15 Mar 2018 18:53
 Operator : JC/MD
 Sample : J1913-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRIS-M8

Quant Time: Mar 16 04:22:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	168716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	278497	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	256177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	120331	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	111702	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
35) Dibromofluoromethane	5.51	113	85675	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	8.73	98	346470	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.15	95	114078	38.81	ug/l	0.00
Spiked Amount			Recovery	=	77.62%	

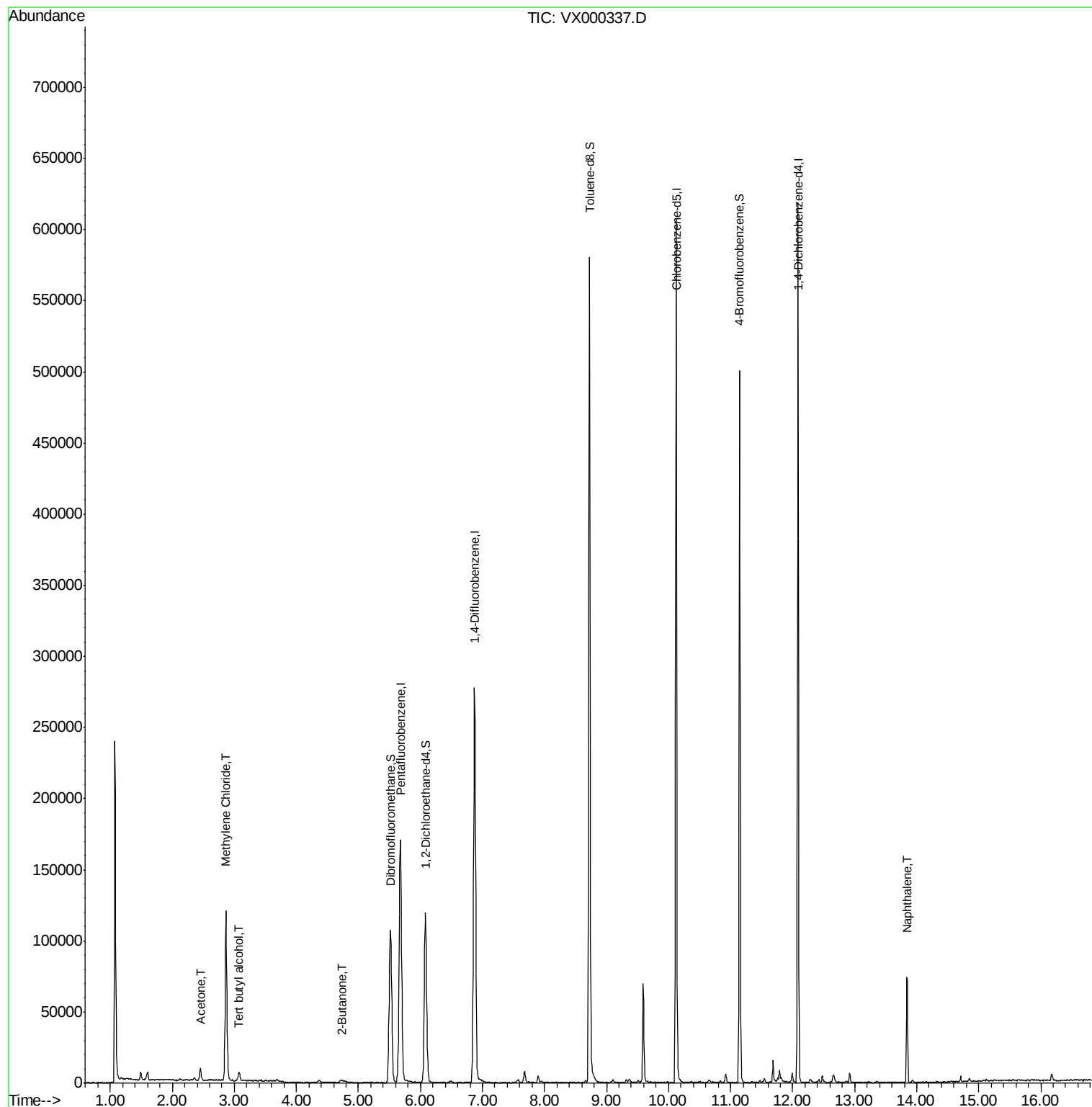
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	6666	8.83	ug/l #	93
16) Acetone	2.45	43	9388	6.02	ug/l #	88
20) Methylene Chloride	2.87	84	52380	25.96	ug/l	99
25) 2-Butanone	4.73	43	3309	1.78	ug/l #	84
95) Naphthalene	13.84	128	46237	5.12	ug/l	99

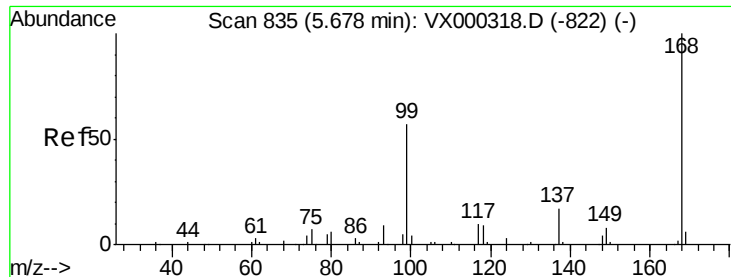
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

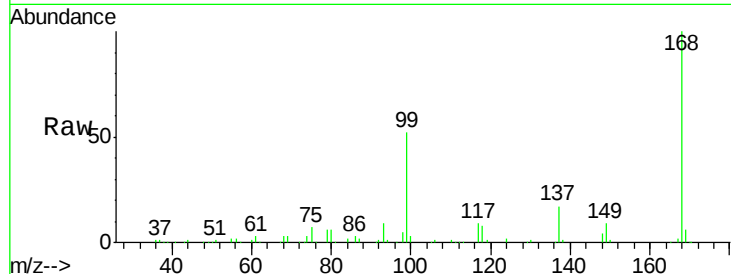
OILY-DEBRIS-M8

Tot Ion:168 Resp: 168716

Ion Ratio Lower Upper

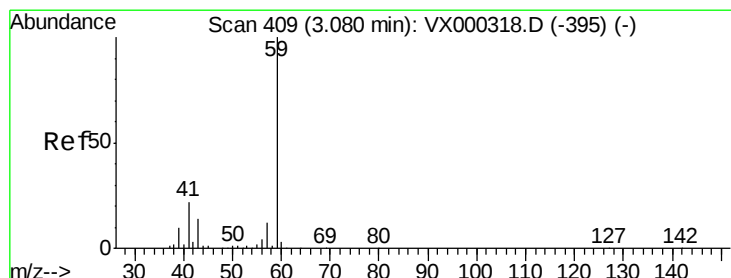
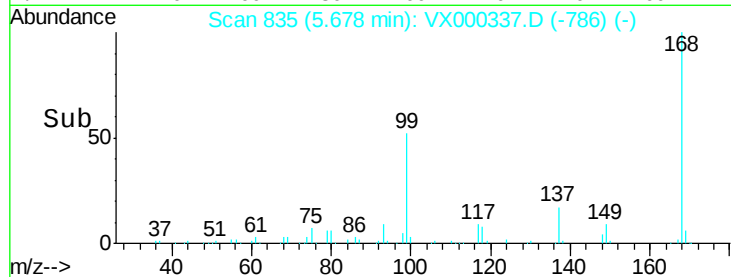
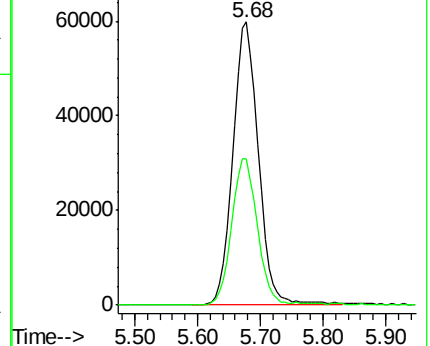
168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 8.83 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX000337.D

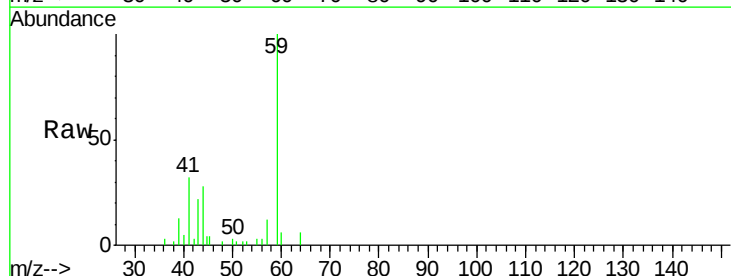
Acq: 15 Mar 2018 18:53

Tgt Ion: 59 Resp: 6666

Ion Ratio Lower Upper

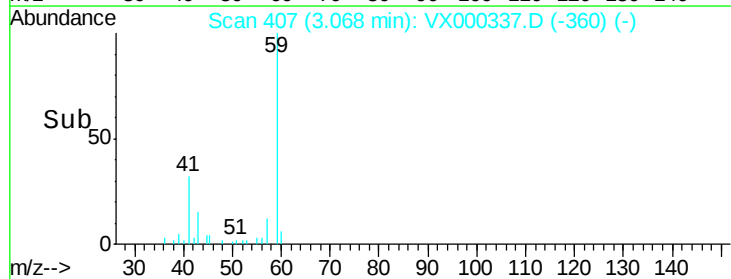
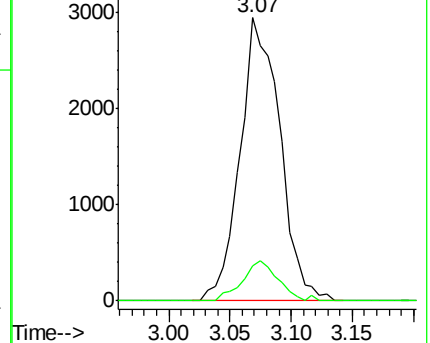
59 100

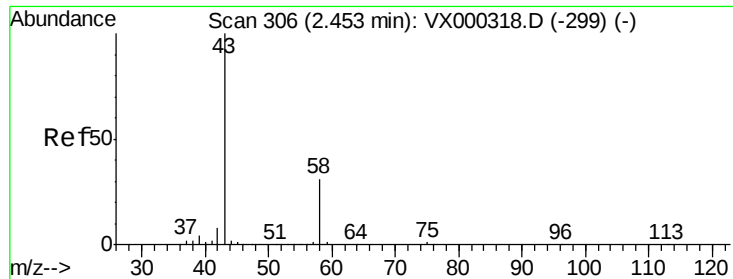
57 13.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 6.02 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

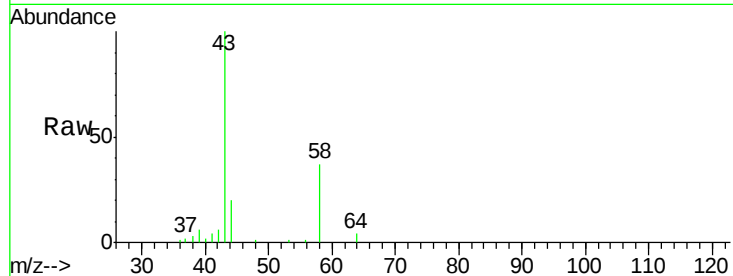
OILY-DEBRIS-M8

Tot Ion: 43 Resp: 9388

Ion Ratio Lower Upper

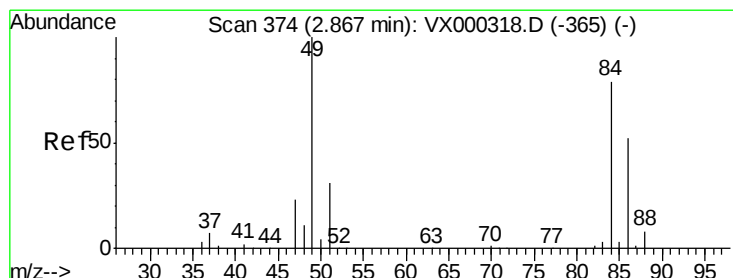
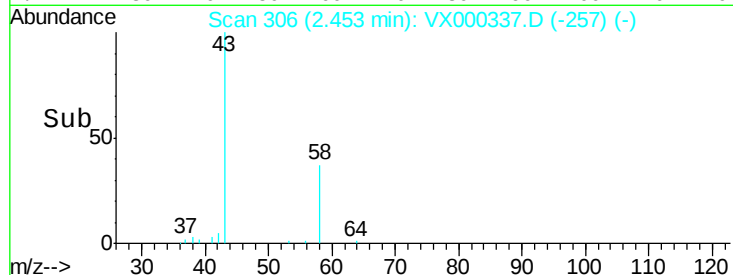
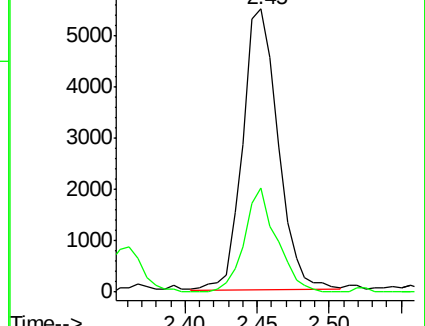
43 100

58 37.3 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 25.96 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

Tgt Ion: 84 Resp: 52380

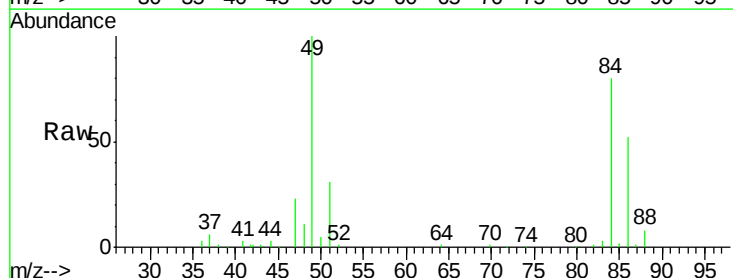
Ion Ratio Lower Upper

84 100

49 124.5 100.6 151.0

51 39.2 31.6 47.4

86 65.0 52.6 78.8

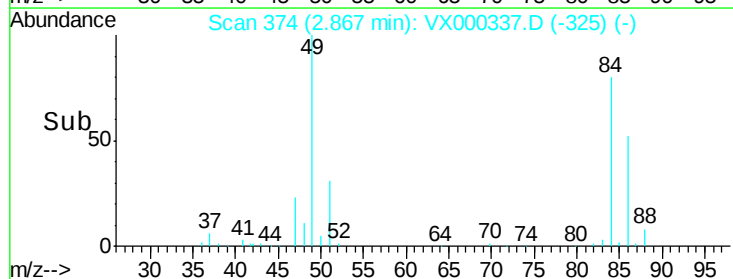
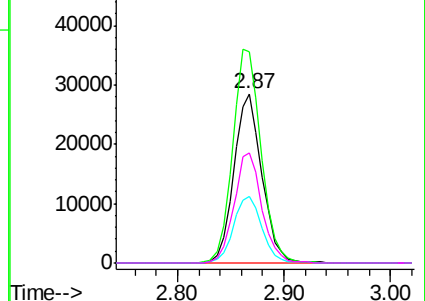


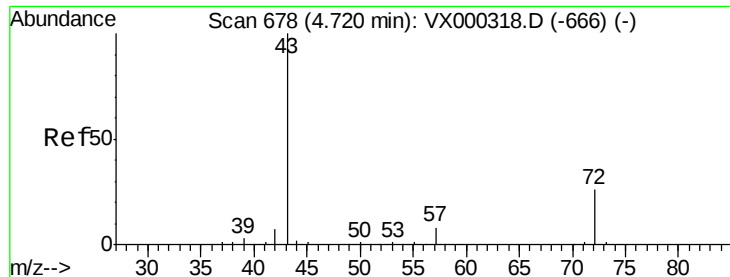
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#25

2-Butanone

Concen: 1.78 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

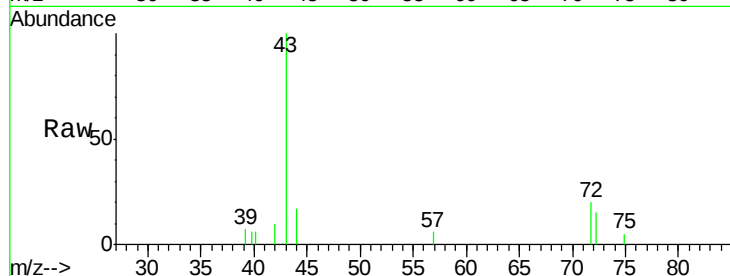
OILY-DEBRIS-M8

Tot Ion: 43 Resp: 3309

Ion Ratio Lower Upper

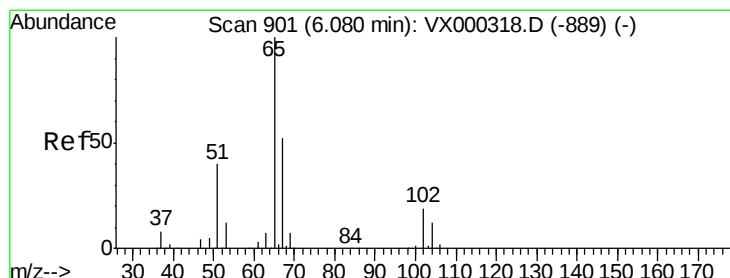
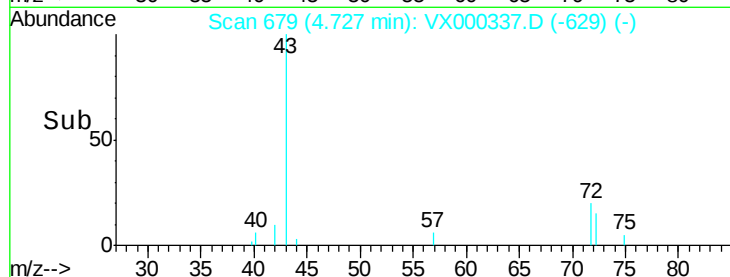
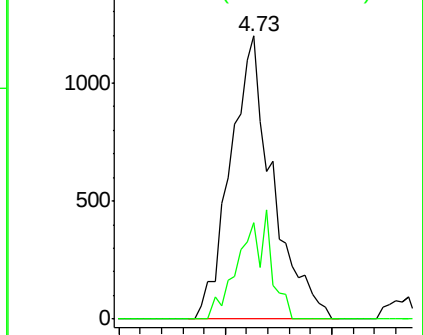
43 100

72 34.3 21.0 31.6#



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: 47.86 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000337.D

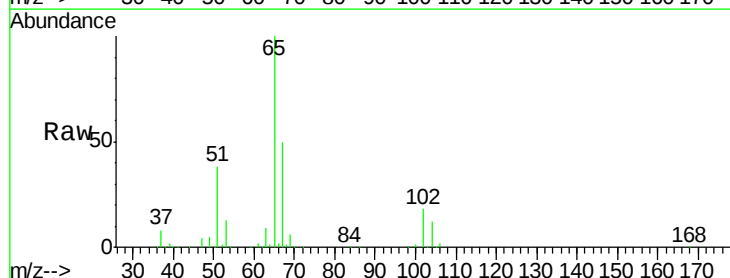
Acq: 15 Mar 2018 18:53

Tgt Ion: 65 Resp: 111702

Ion Ratio Lower Upper

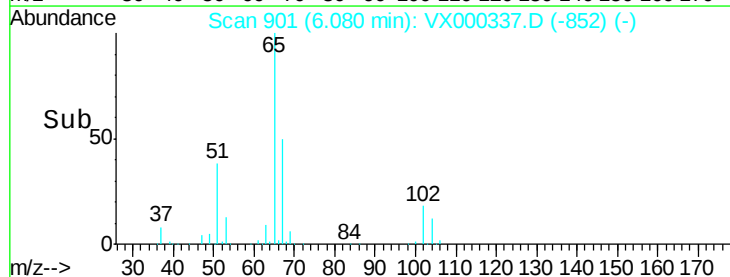
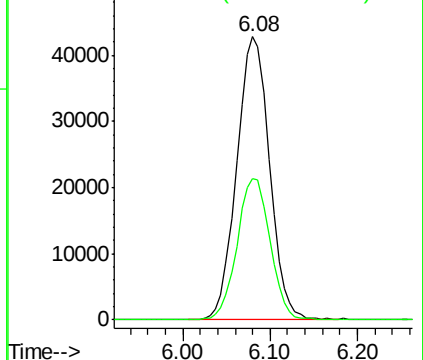
65 100

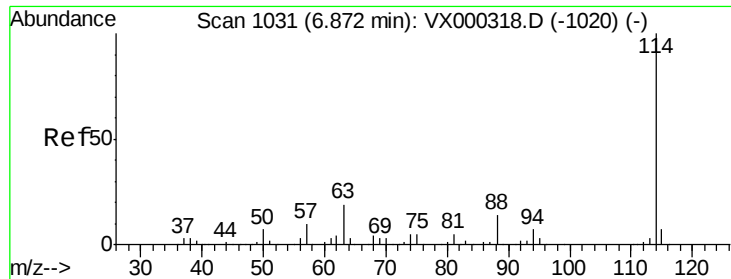
67 50.1 0.0 103.2



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: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS-M8

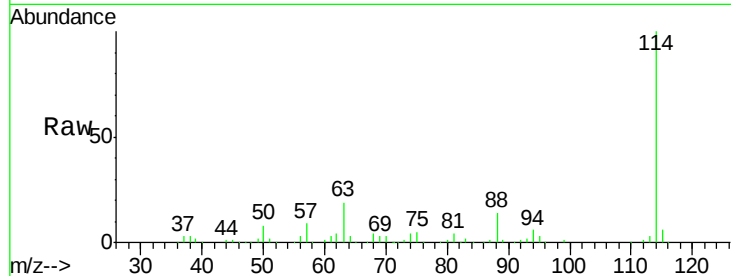
Tot Ion:114 Resp: 278497

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

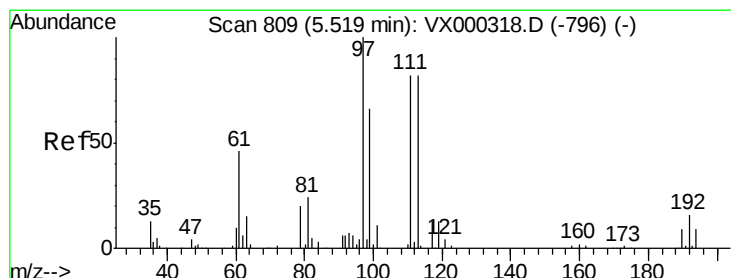
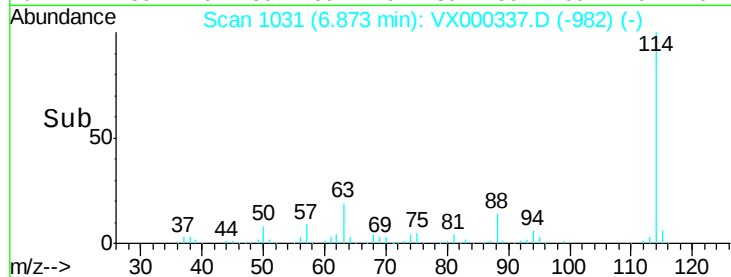
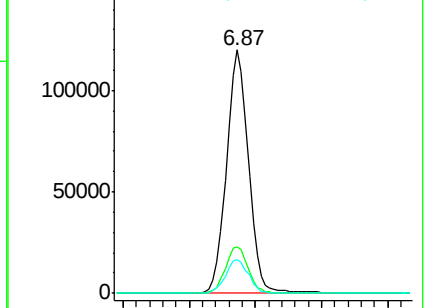
88 13.6 0.0 27.0



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: 48.76 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

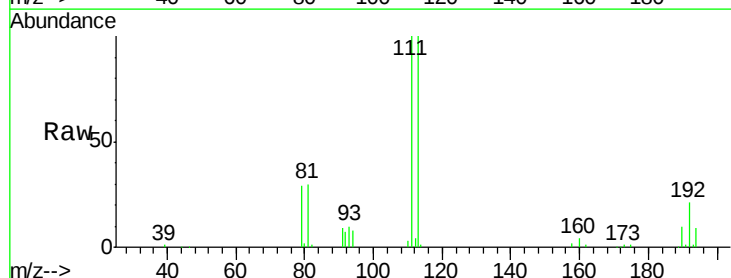
Tgt Ion:113 Resp: 85675

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

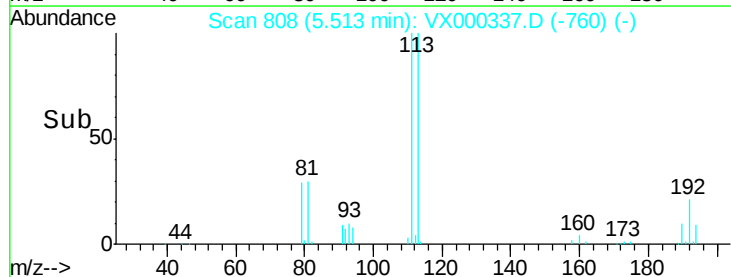
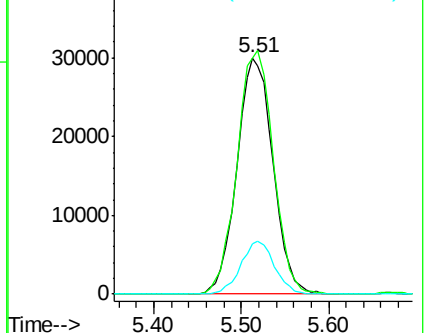
192 20.8 15.8 23.6

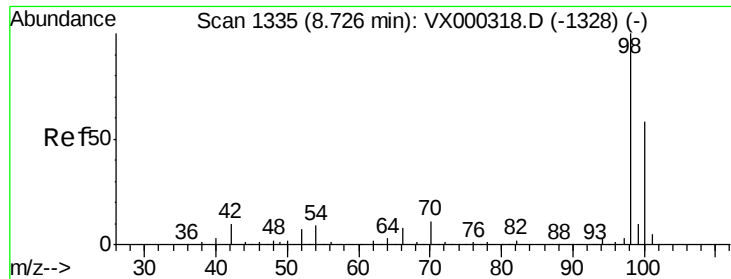


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.27 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

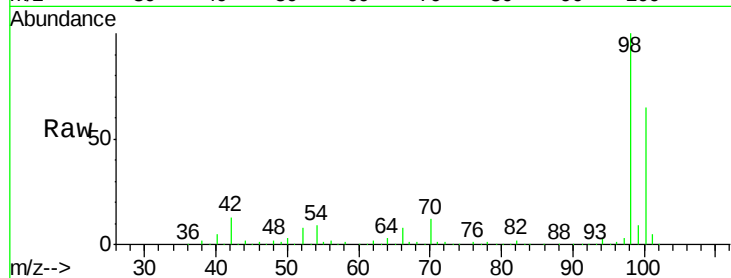
OILY-DEBRIS-M8

Tot Ion: 98 Resp: 346470

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

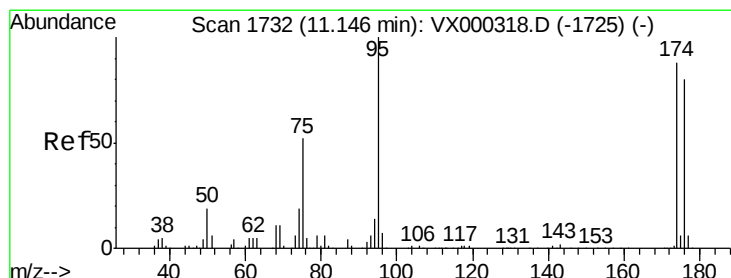
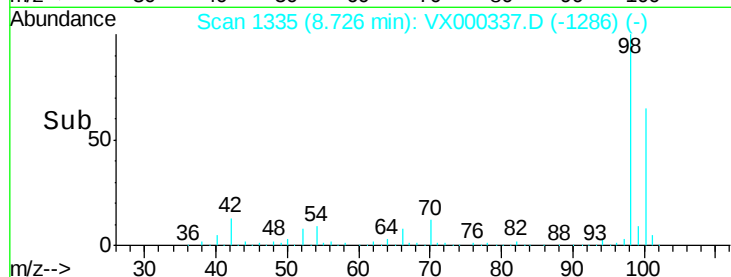
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 38.81 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

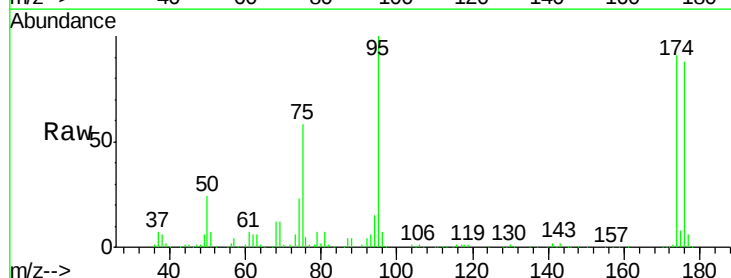
Tgt Ion: 95 Resp: 114078

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.6

176 85.9 0.0 164.6



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

120000

100000

80000

60000

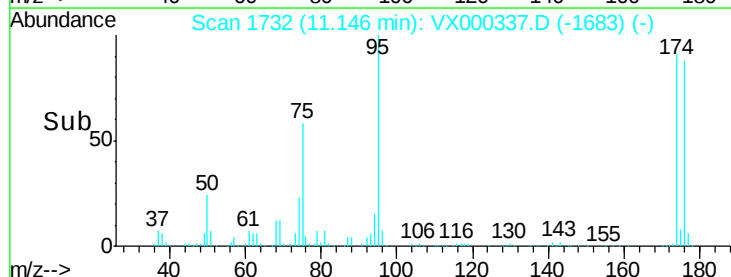
40000

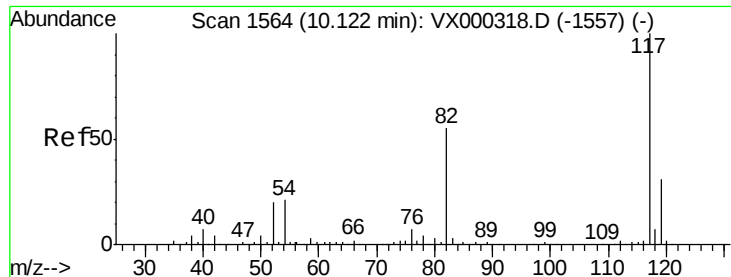
20000

0

11.10 11.20

Time-->

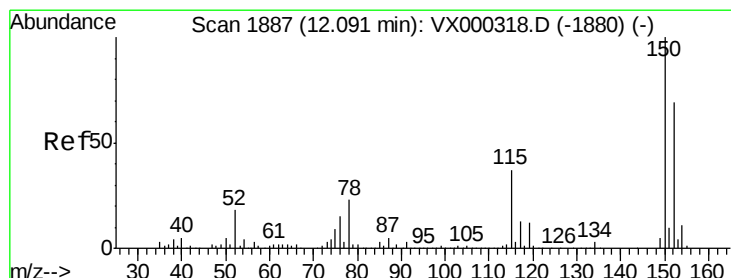
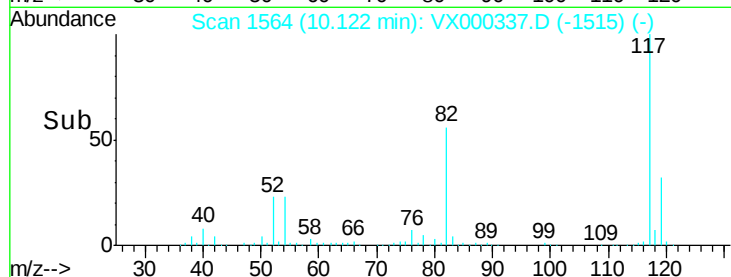
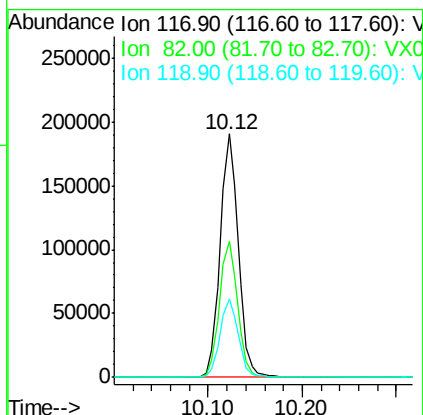
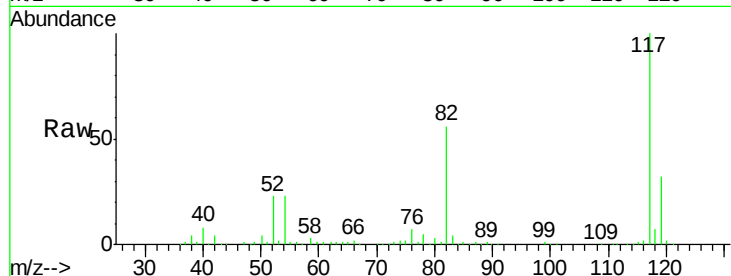




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

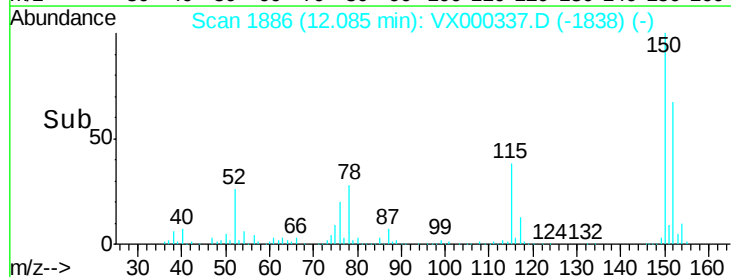
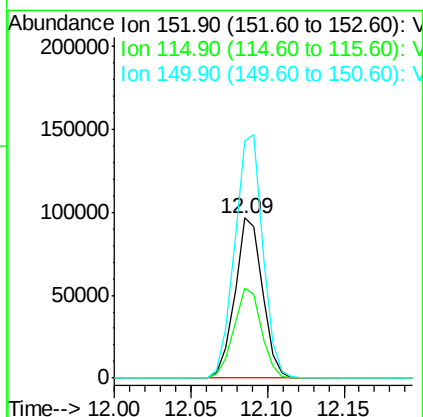
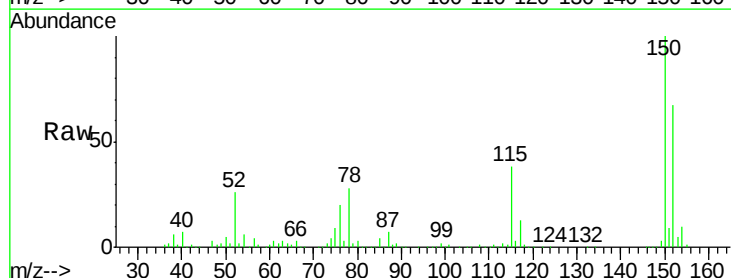
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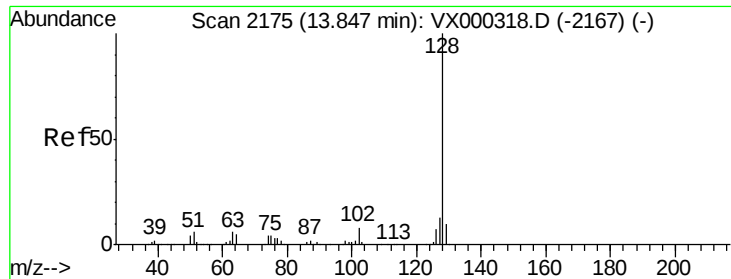
Tot Ion:117 Resp: 256177
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.2 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

Tgt Ion:152 Resp: 120331
Ion Ratio Lower Upper
152 100
115 56.1 39.8 119.3
150 154.9 0.0 344.4

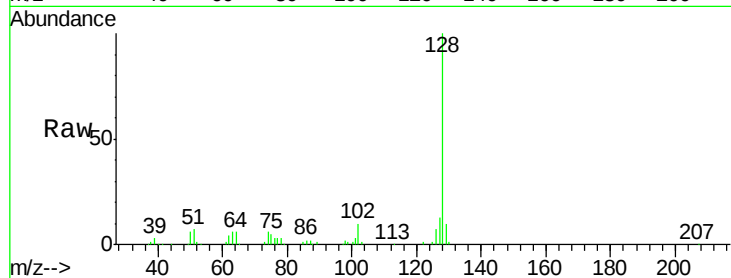




#95
Naphthalene
Concen: 5.12 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-M8

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.5	8.9	13.3



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

