

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 02:42:08 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						
33) 1,2-Dichloroethane-d4	6.08	65	111702	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	5.51	113	85675	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.73	98	346470	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.15	95	114078	38.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.62%	

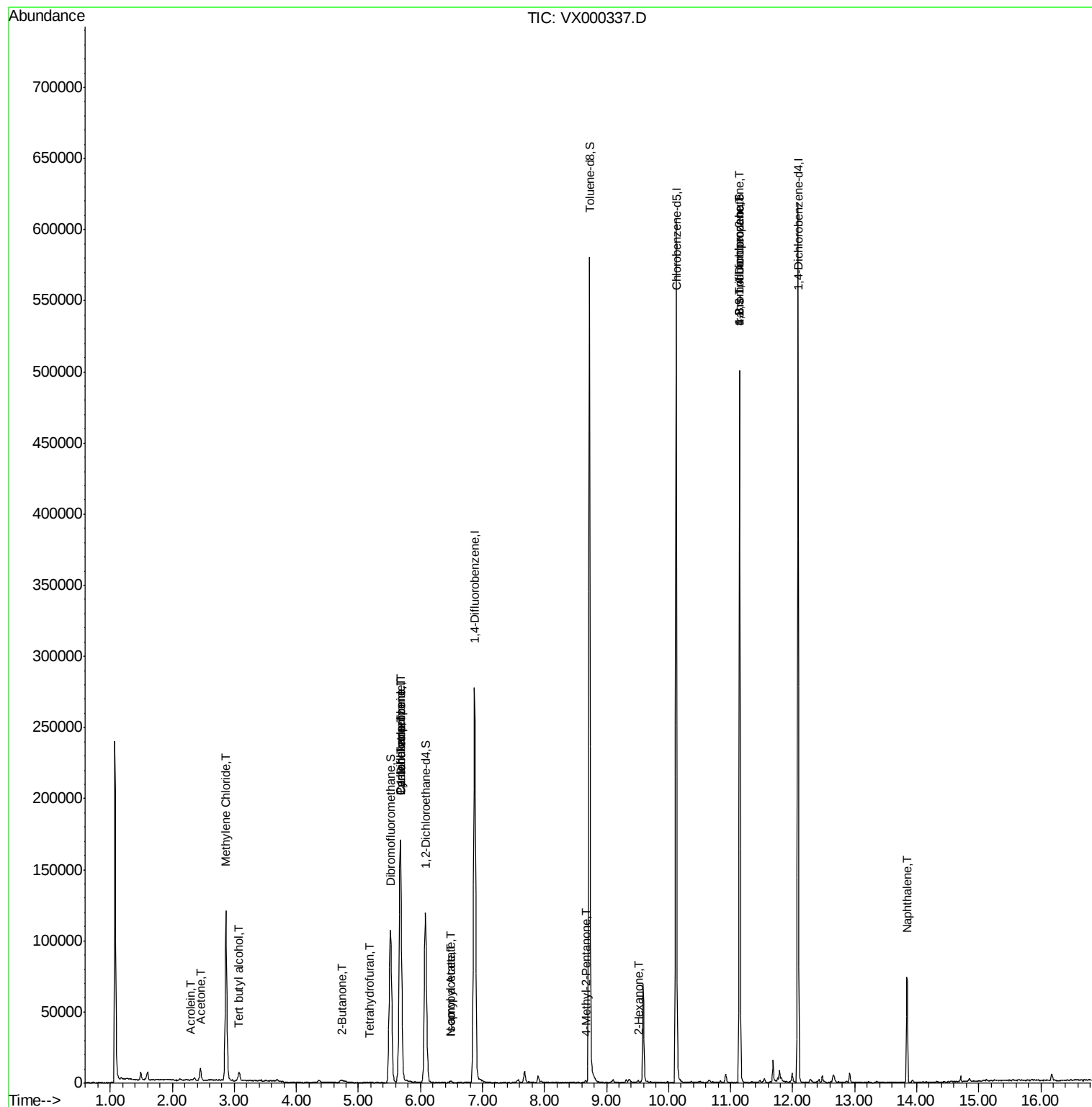
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	6666	8.83	ug/l #	93
13) Acrolein	2.30	56	437	1.35	ug/l #	66
16) Acetone	2.45	43	9388	6.02	ug/l #	88
20) Methylene Chloride	2.87	84	52380	25.96	ug/l	99
25) 2-Butanone	4.73	43	3309	1.78	ug/l #	84
29) Tetrahydrofuran	5.18	42	242	0.20	ug/l #	56
31) Cyclohexane	5.67	56	4011	1.52	ug/l #	39
36) 1,1-Dichloropropene	5.68	75	12242	4.84	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16492	6.46	ug/l #	14
43) Isopropyl Acetate	6.48	43	1327	0.27	ug/l #	65
51) 4-Methyl-2-Pentanone	8.66	43	1121	0.30	ug/l #	86
59) 2-Hexanone	9.51	43	1175	0.37	ug/l	84
74) N-amyl acetate	6.48	43	1327	0.38	ug/l #	64
76) 1,2,3-Trichloropropane	11.15	75	66421	29.71	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	66421	81.65	ug/l #	9
95) Naphthalene	13.84	128	46237	5.12	ug/l	99

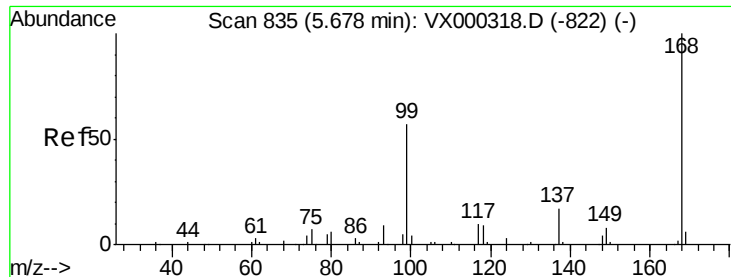
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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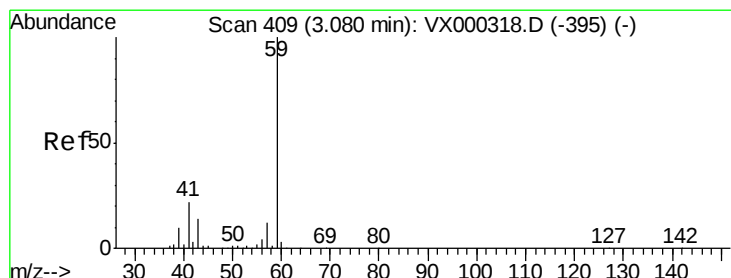
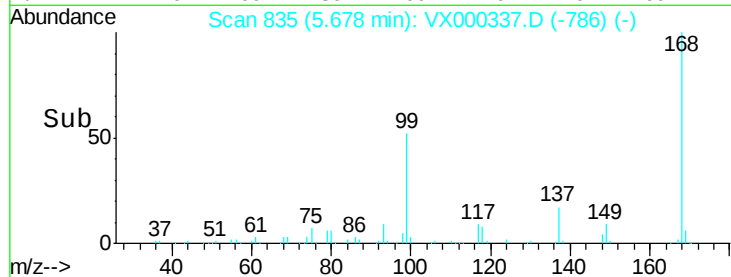
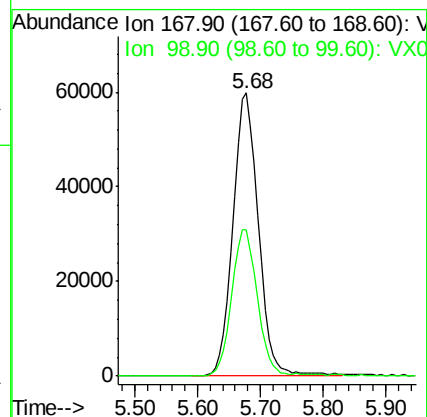
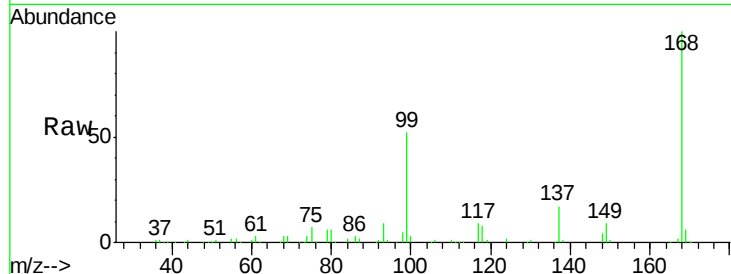




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

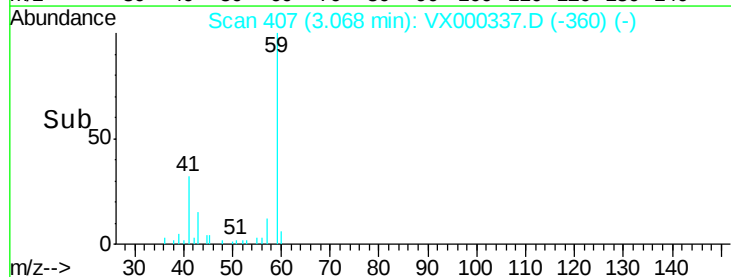
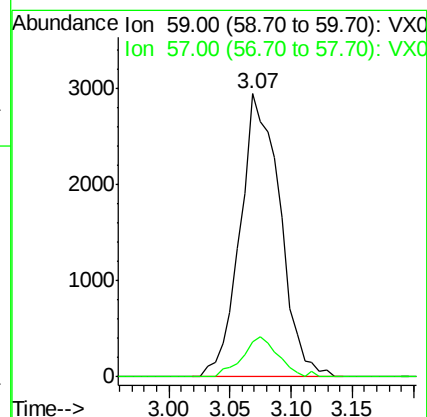
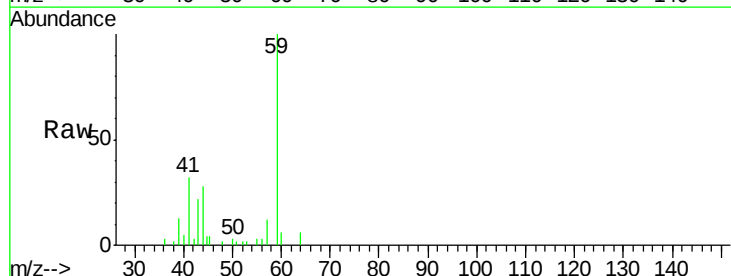
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-M8

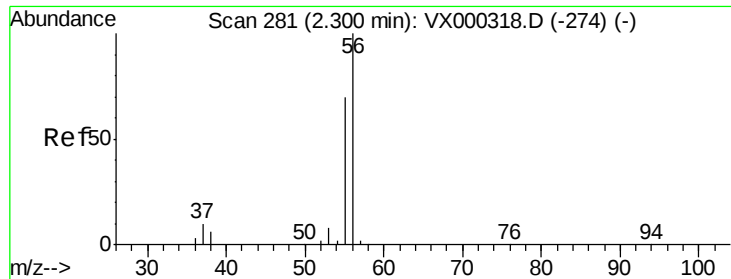
Tgt Ion:168 Resp: 168716
Ion Ratio Lower Upper
168 100
99 51.7 45.8 68.6



#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#

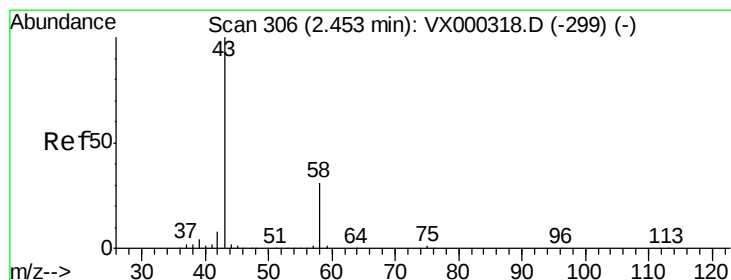
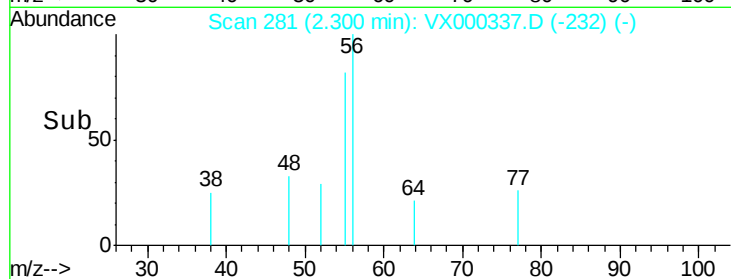
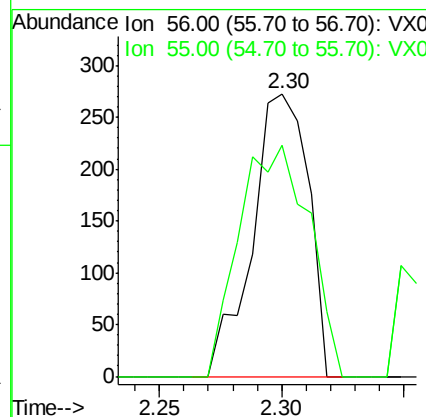
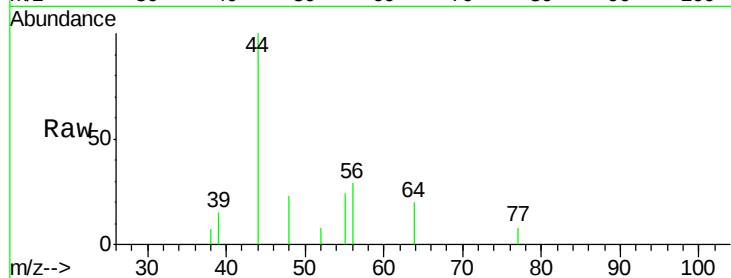




#13
Acrolein
Concen: 1.35 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

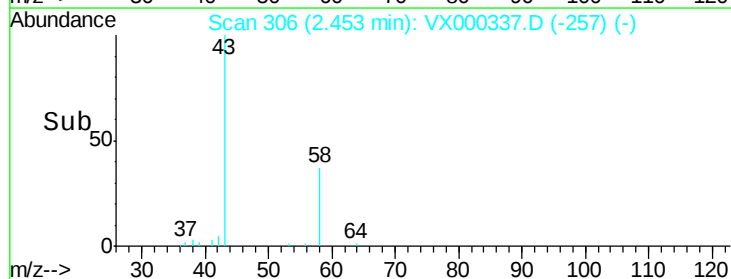
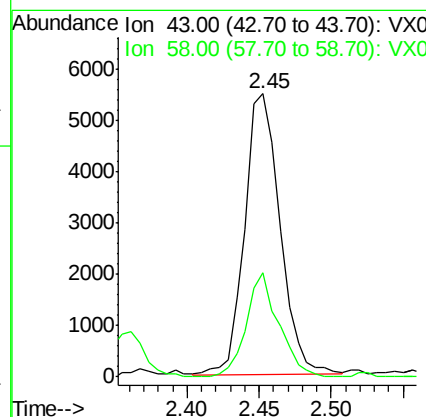
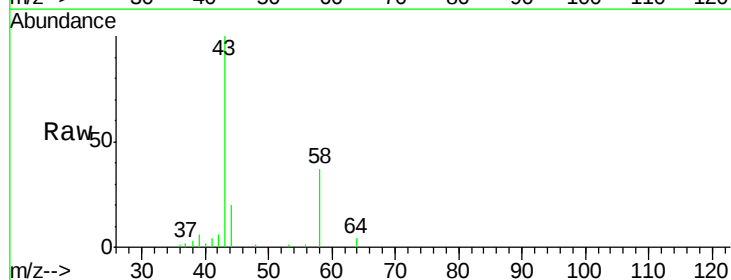
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-M8

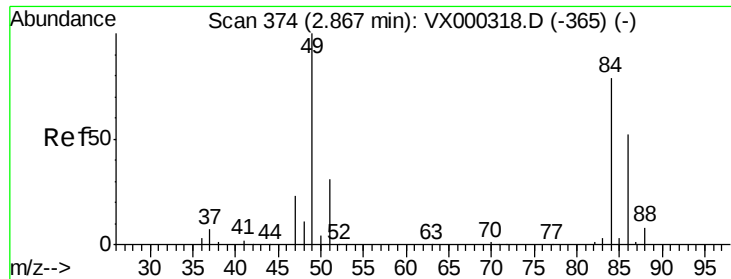
Tgt Ion: 56 Resp: 437
Ion Ratio Lower Upper
56 100
55 102.1 58.8 88.2#



#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

Tgt Ion: 43 Resp: 9388
Ion Ratio Lower Upper
43 100
58 37.3 24.7 37.1#

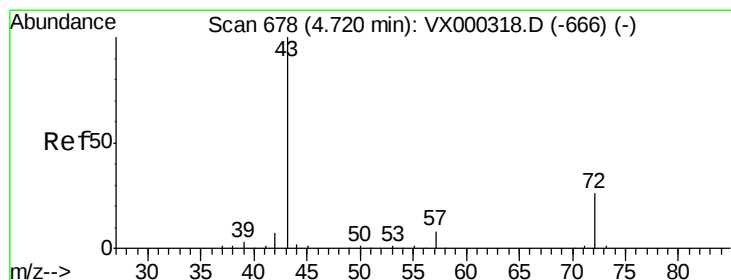
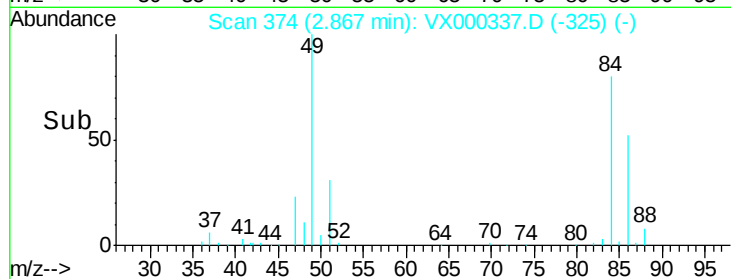
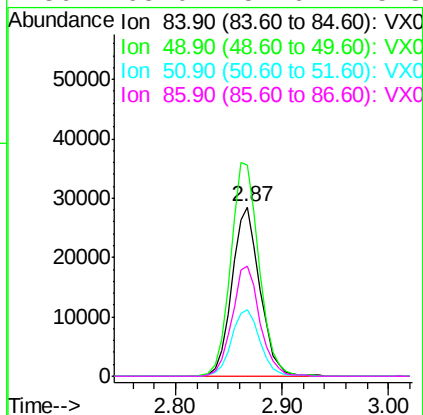
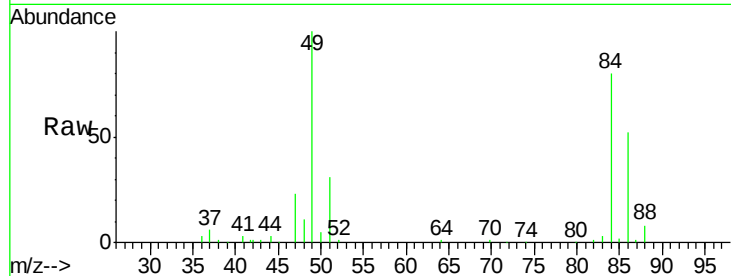




#20
Methylene Chloride
Concen: 25.96 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

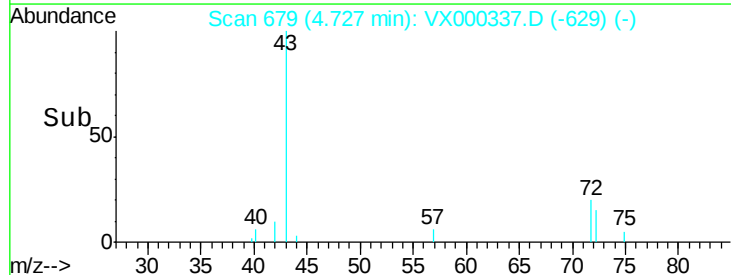
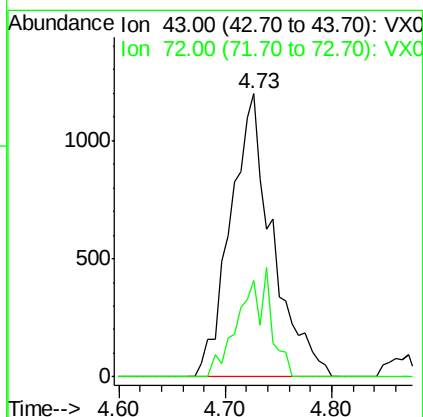
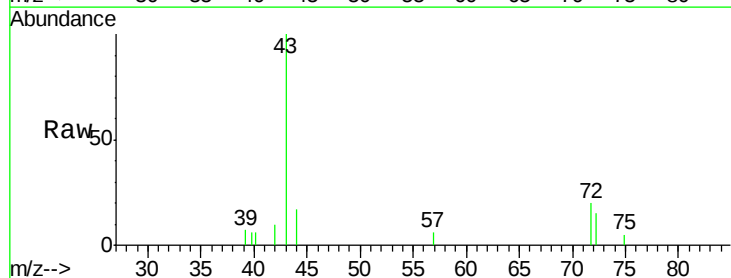
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-M8

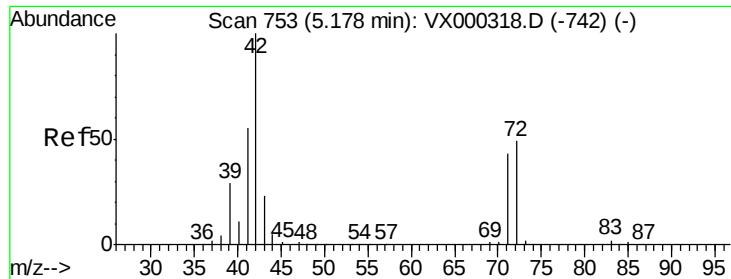
Tgt Ion: 84 Resp: 52380
Ion Ratio Lower Upper
84 100
49 124.5 100.6 151.0
51 39.2 31.6 47.4
86 65.0 52.6 78.8



#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

Tgt Ion: 43 Resp: 3309
Ion Ratio Lower Upper
43 100
72 34.3 21.0 31.6#





#29

Tetrahydrofuran

Concen: 0.20 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS-M8

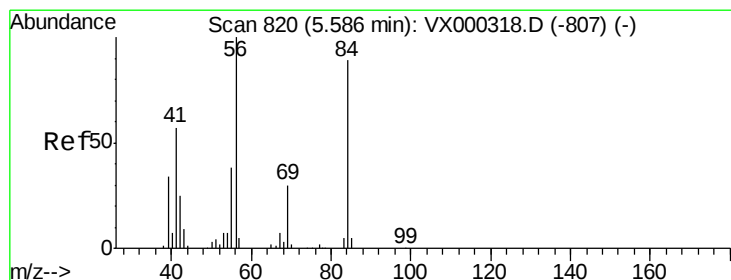
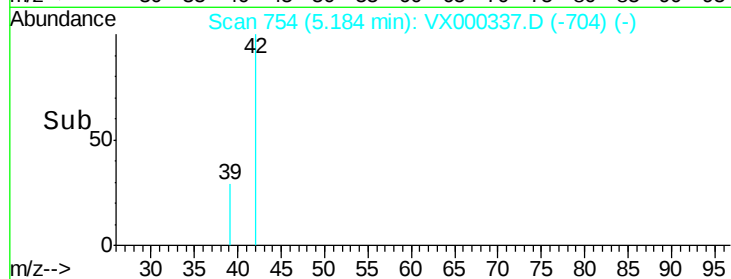
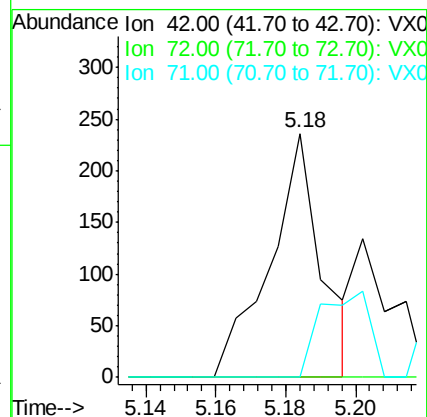
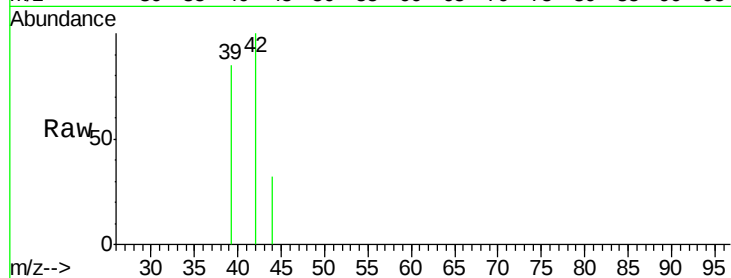
Tgt Ion: 42 Resp: 242

Ion Ratio Lower Upper

42 100

72 0.0 37.9 56.9#

71 33.9 34.4 51.6#



#31

Cyclohexane

Concen: 1.52 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

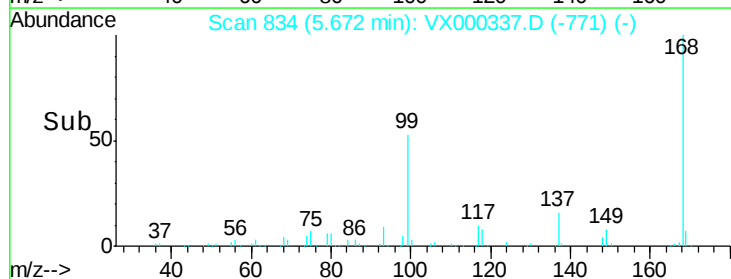
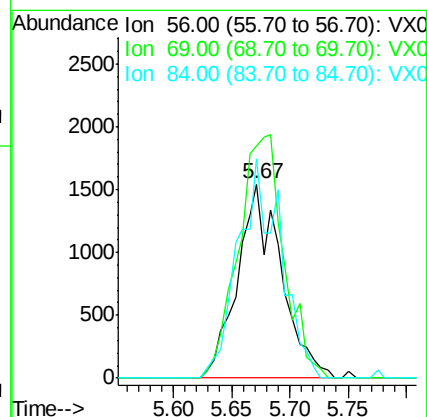
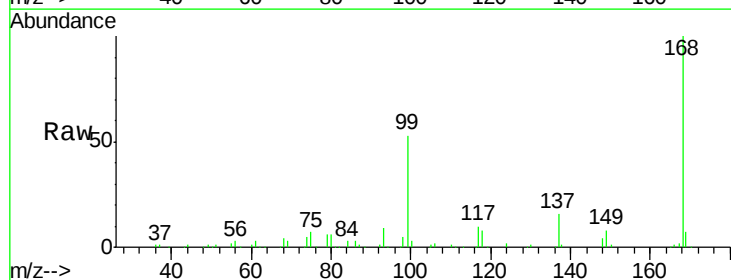
Tgt Ion: 56 Resp: 4011

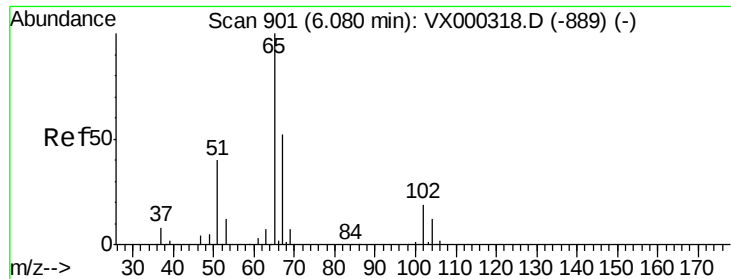
Ion Ratio Lower Upper

56 100

69 119.9 23.4 35.0#

84 112.8 71.0 106.4#

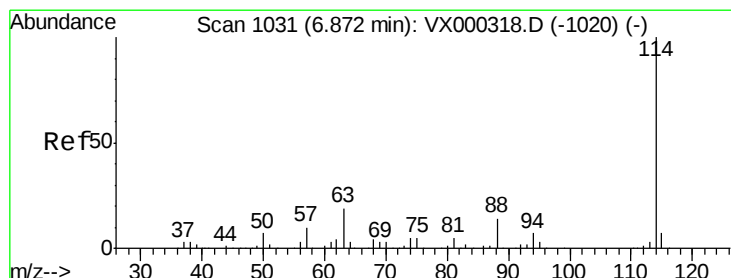
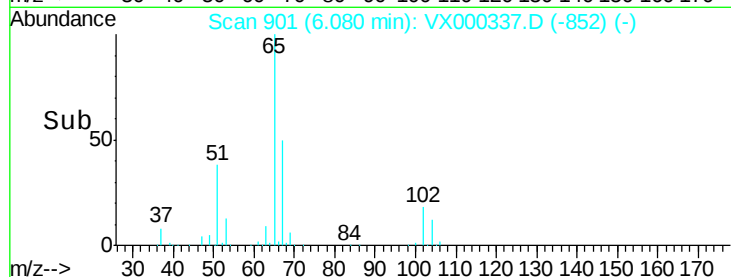
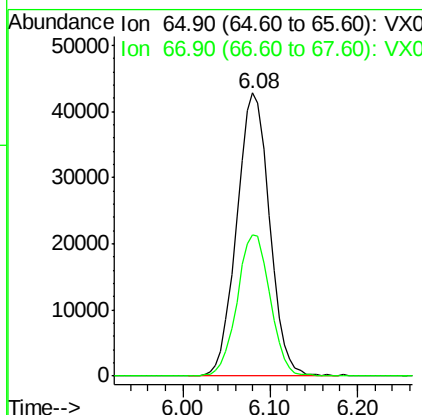
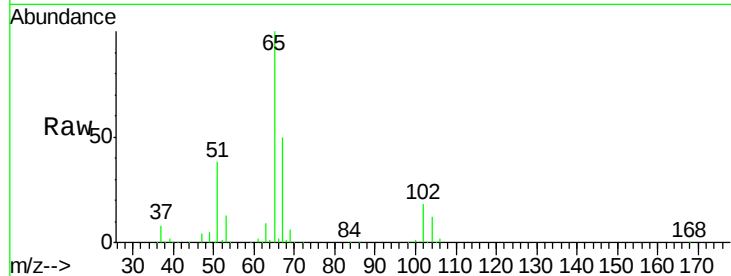




#33
 1,2-Dichloroethane-d4
 Concen: 47.86 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000337.D
 Acq: 15 Mar 2018 18:53

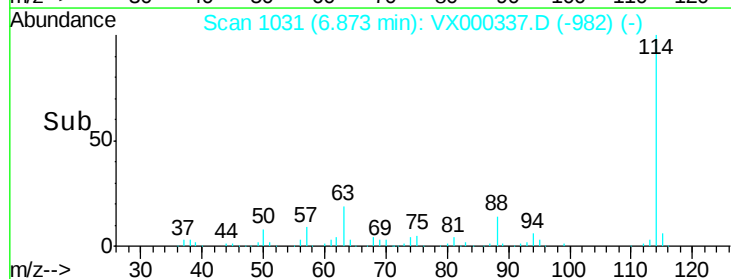
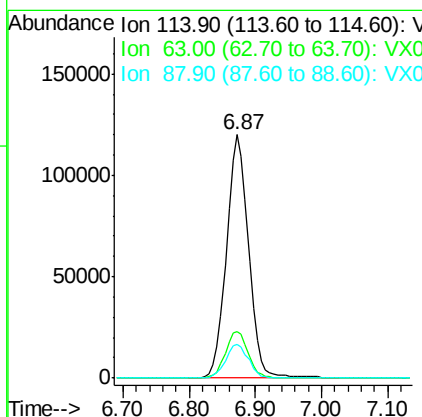
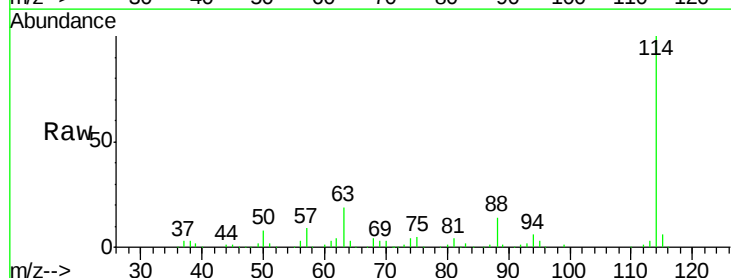
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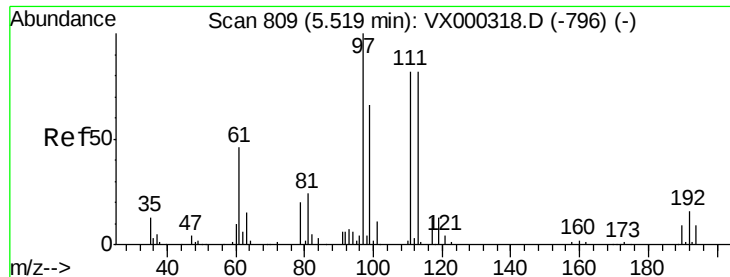
Tgt Ion: 65 Resp: 111702
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.2



#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

Tgt Ion: 114 Resp: 278497
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 13.6 0.0 27.0





#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

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS-M8

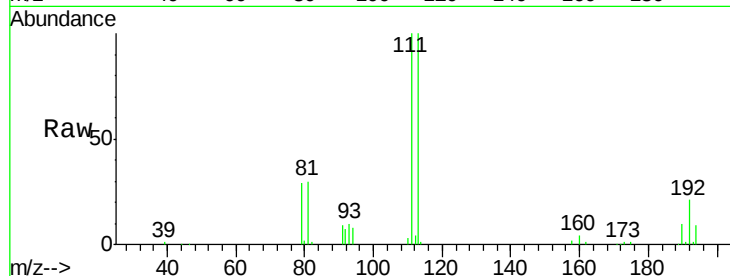
Tgt Ion:113 Resp: 85675

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

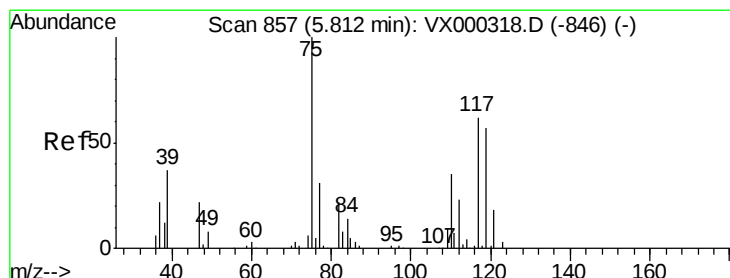
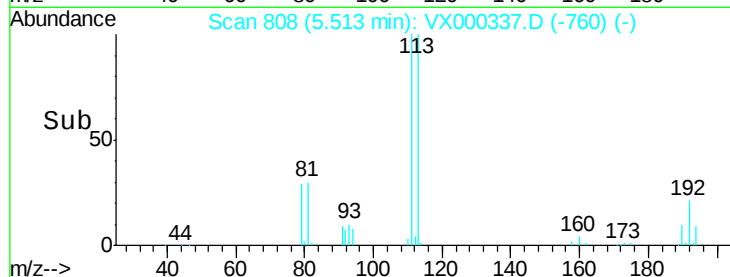
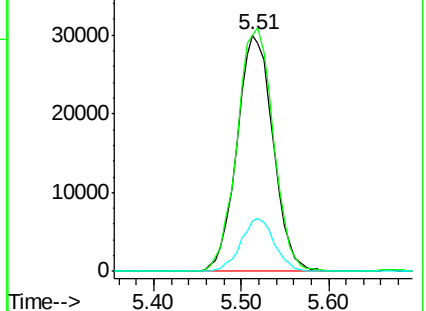
192 20.8 15.8 23.6



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



#36

1,1-Dichloropropene

Concen: 4.84 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

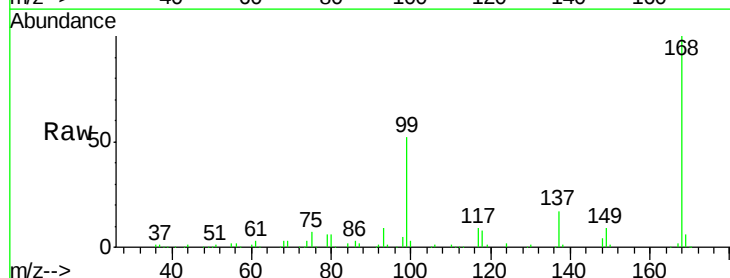
Tgt Ion: 75 Resp: 12242

Ion Ratio Lower Upper

75 100

110 10.3 17.9 53.7#

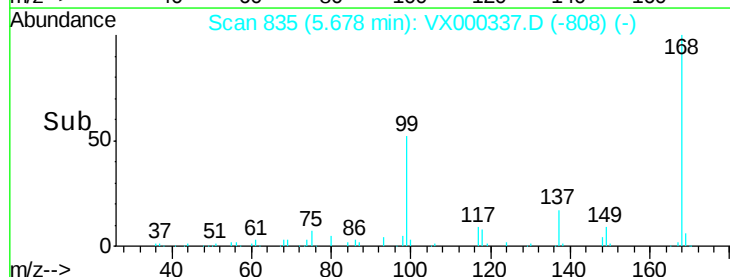
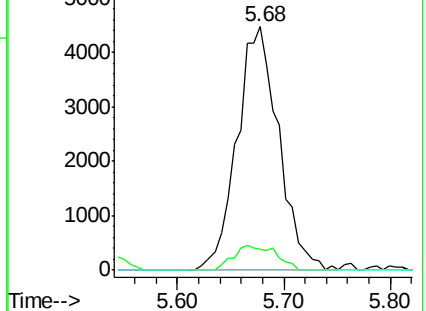
77 0.0 24.0 36.0#

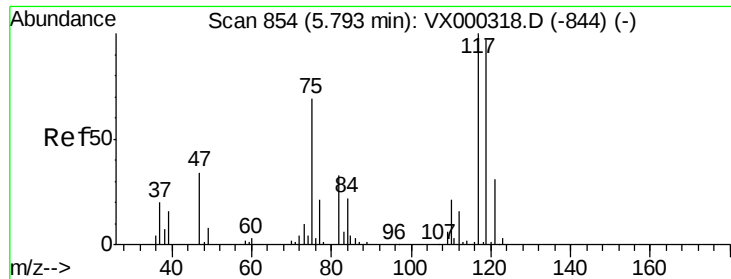


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

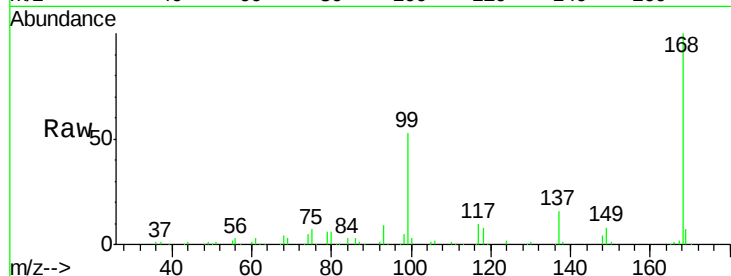




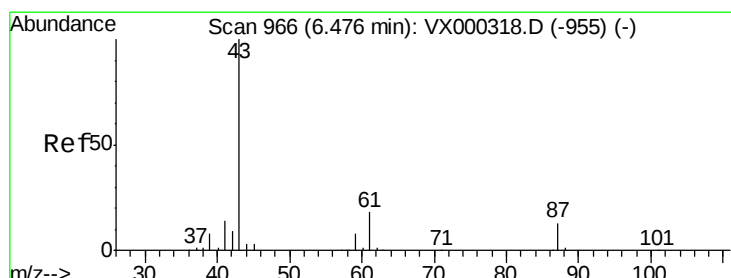
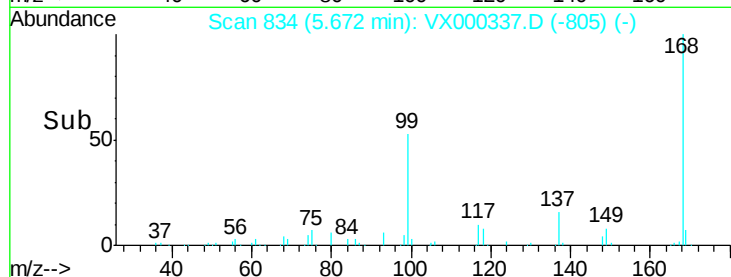
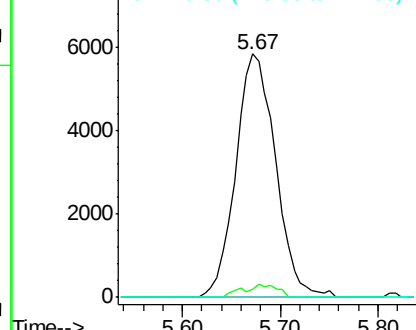
#38
Carbon Tetrachloride
Concen: 6.46 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-M8

Tgt Ion: 117 Resp: 16492
Ion Ratio Lower Upper
117 100
119 3.3 77.4 116.2#
121 0.0 24.8 37.2#

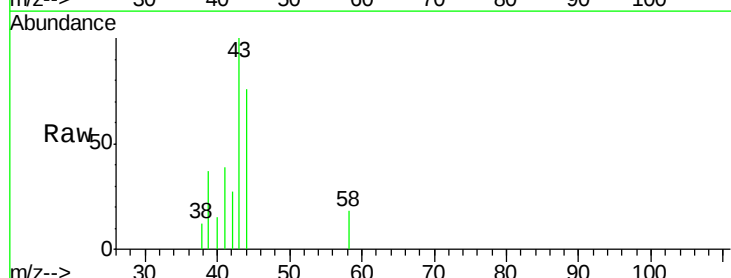


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

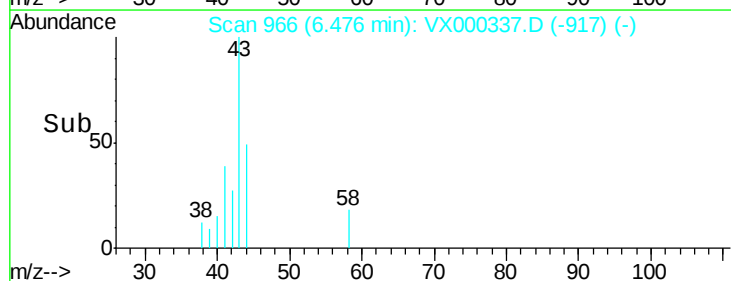
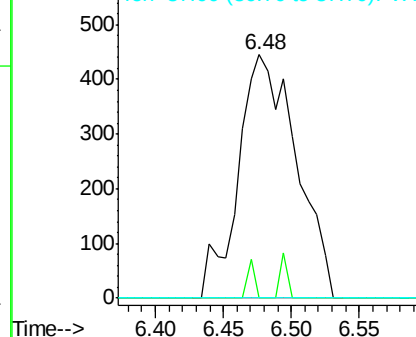


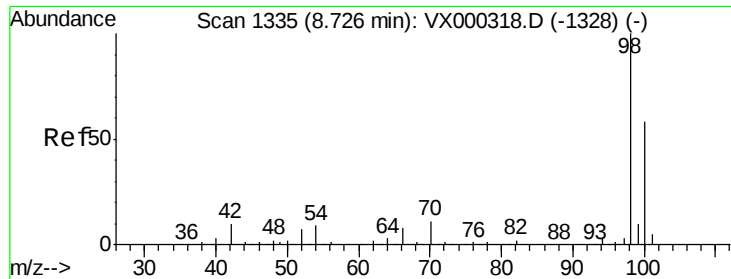
#43
Isopropyl Acetate
Concen: 0.27 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
61 2.0 14.4 21.6#
87 0.0 11.0 16.4#



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

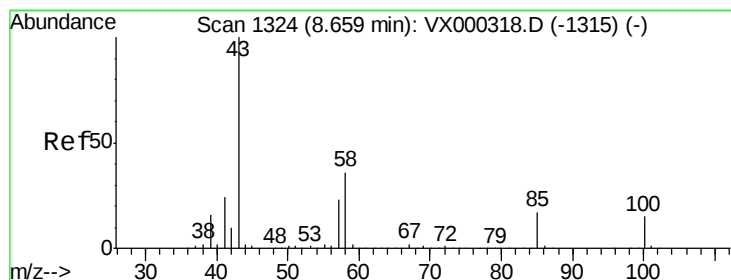
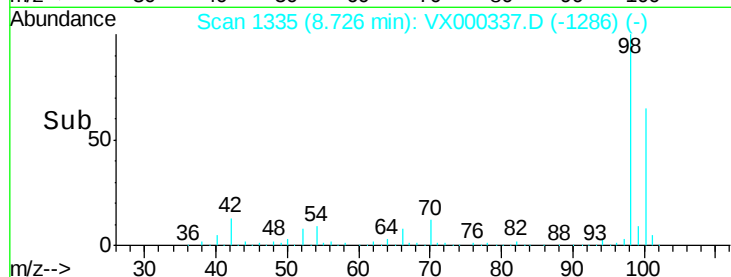
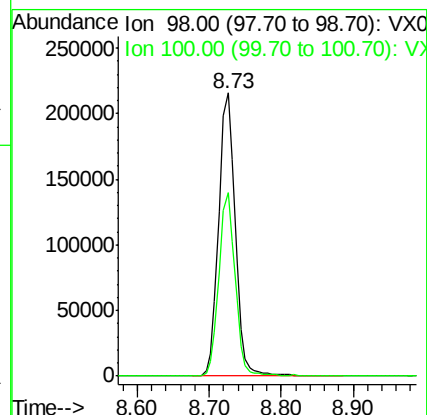
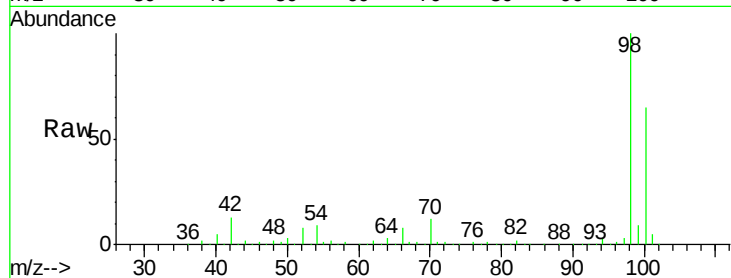




#50
Toluene-d8
Concen: 47.27 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

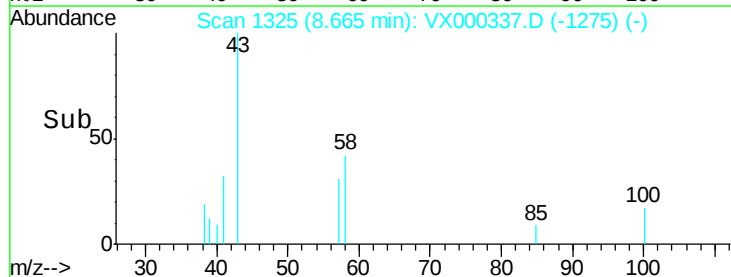
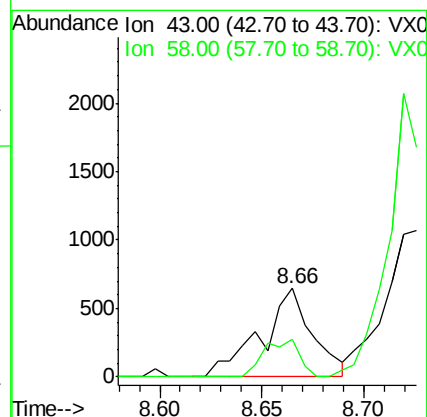
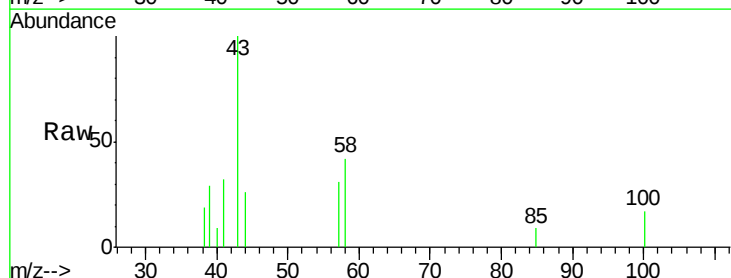
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-M8

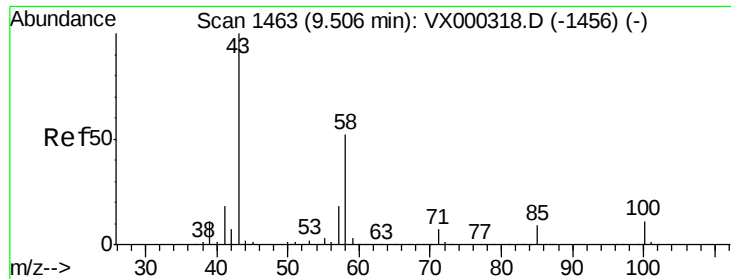
Tgt Ion: 98 Resp: 346470
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 29.5 30.3 45.5#

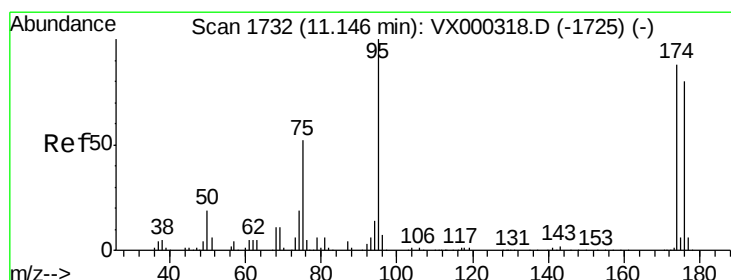
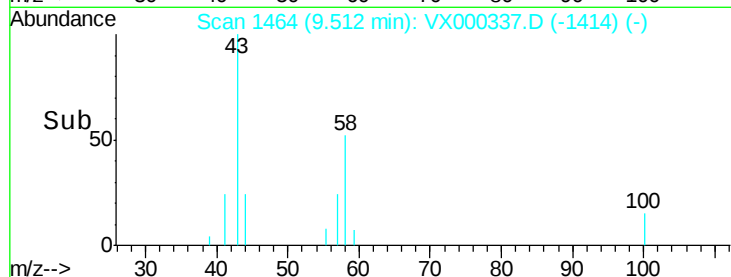
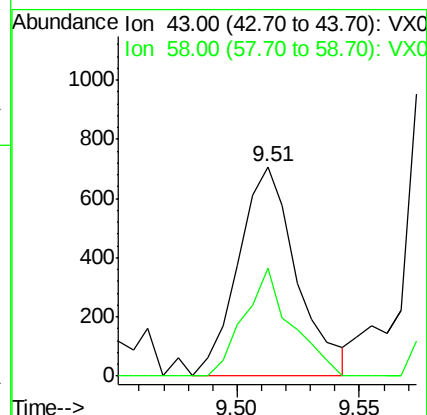
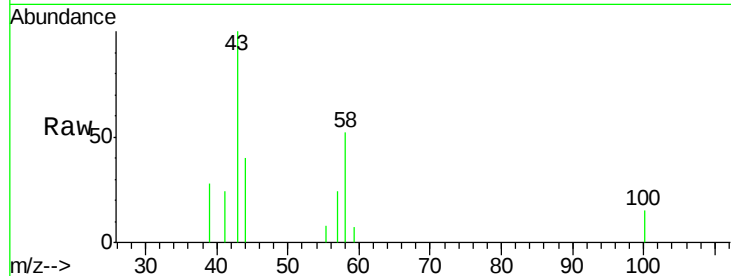




#59
2-Hexanone
Concen: 0.37 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

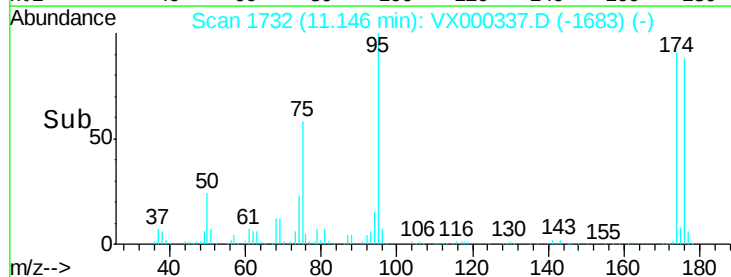
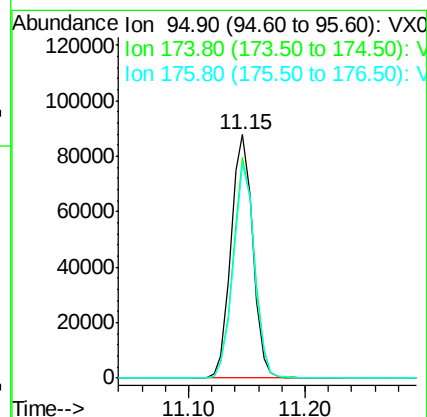
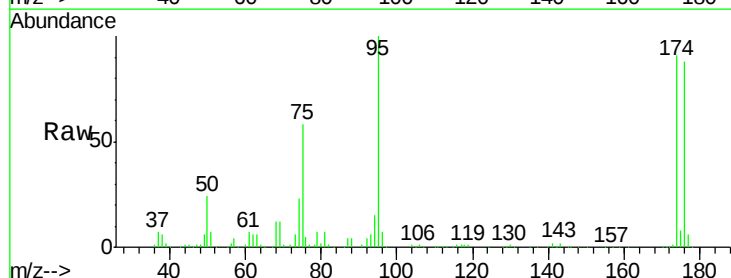
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-M8

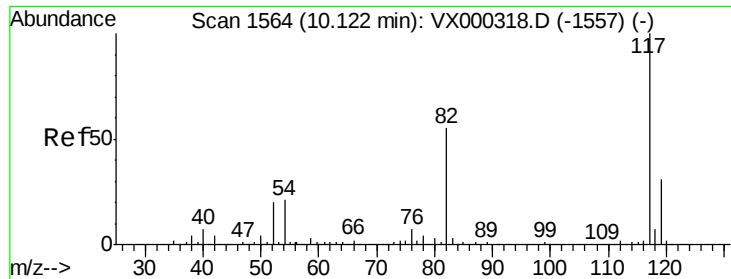
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 42.0 26.6 79.7



#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

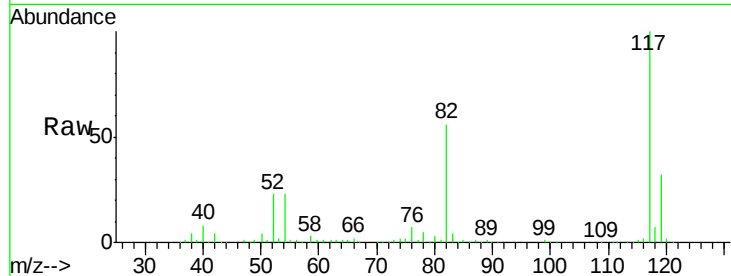




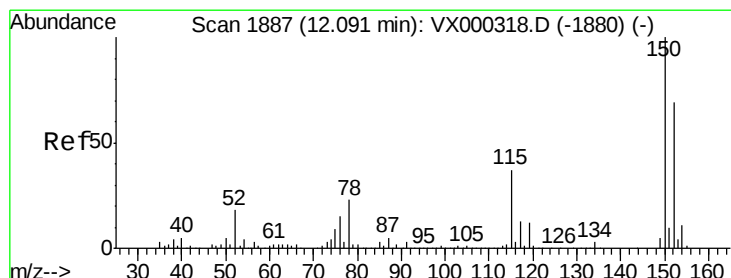
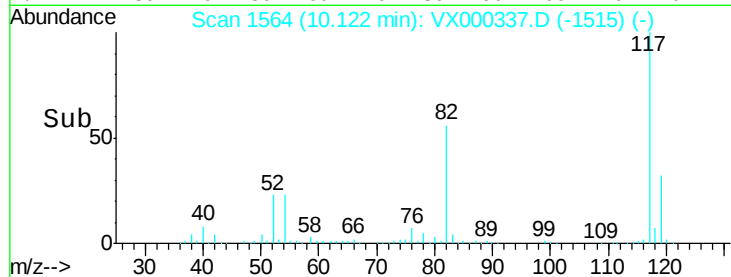
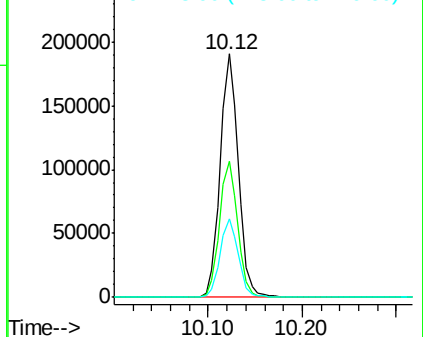
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-M8

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

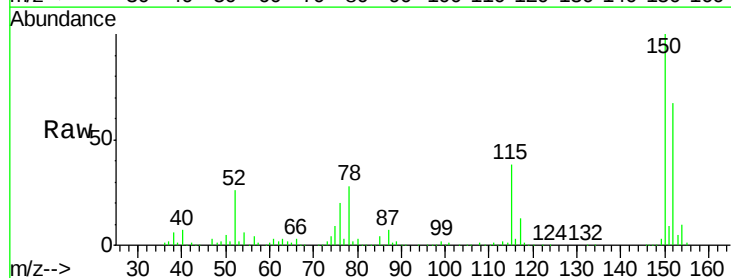


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

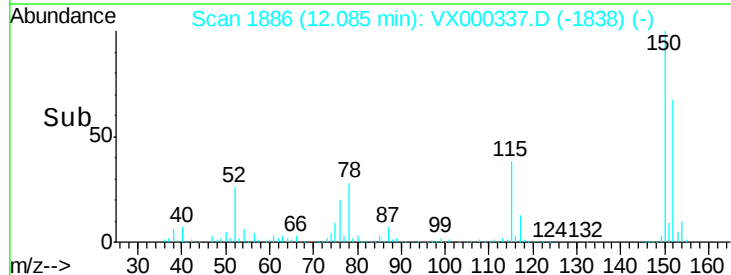
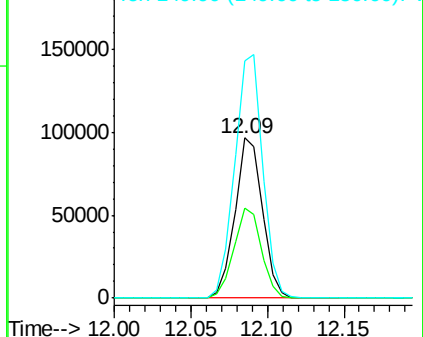


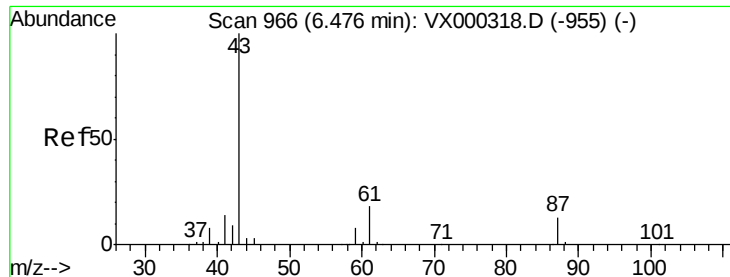
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

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



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





#74

N-amyI acetate

Concen: 0.38 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000337.D

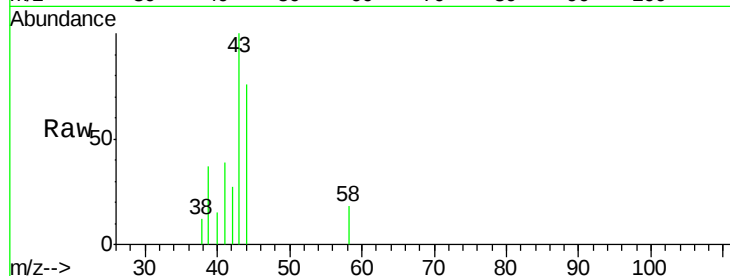
Acq: 15 Mar 2018 18:53

Instrument :

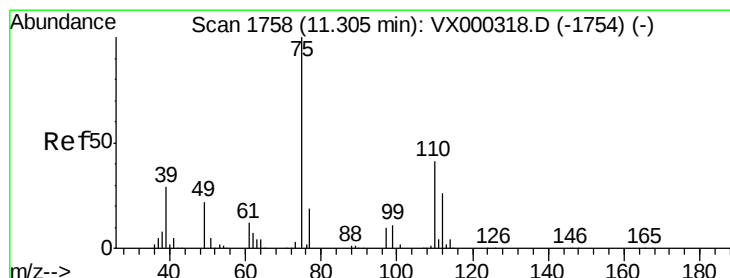
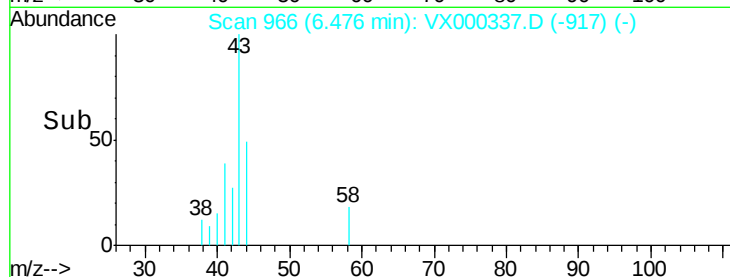
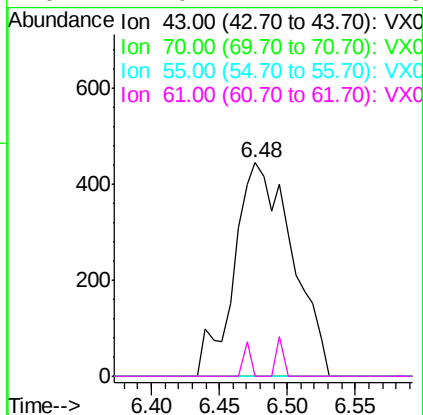
MSVOA_X

ClientSampleId :

OILY-DEBRIS-M8



Tgt Ion:	43	Resp:	1327
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	2.0	14.4	21.6#



#76

1,2,3-Trichloropropane

Concen: 29.71 ug/l

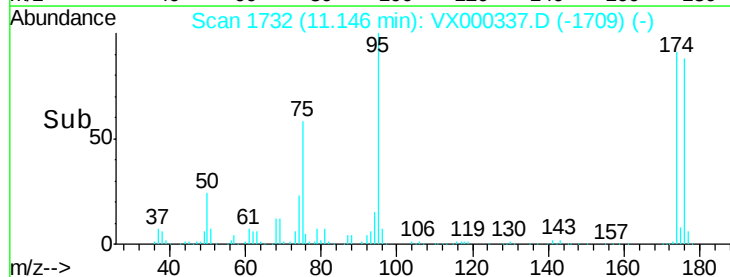
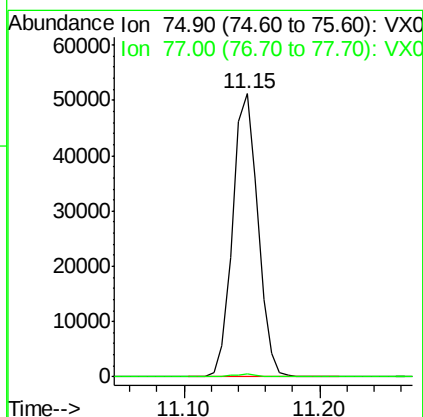
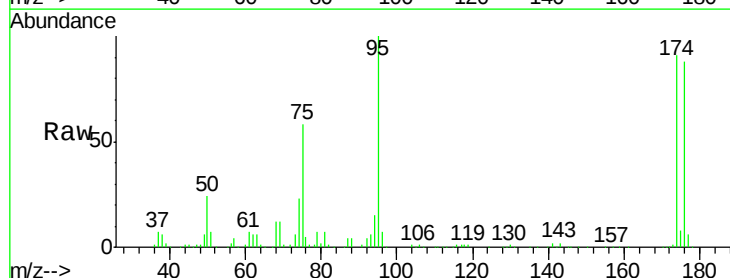
RT: 11.15 min Scan# 1732

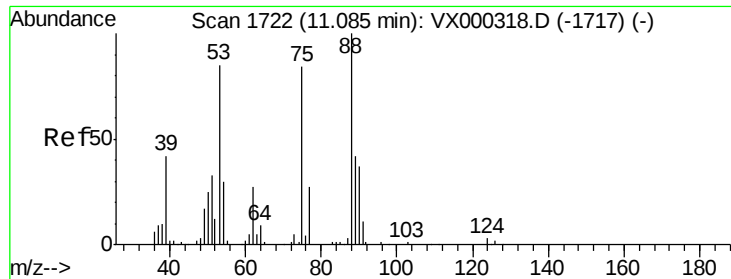
Delta R.T. -0.16 min

Lab File: VX000337.D

Acq: 15 Mar 2018 18:53

Tgt Ion:	75	Resp:	66421
Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.4	64.2#

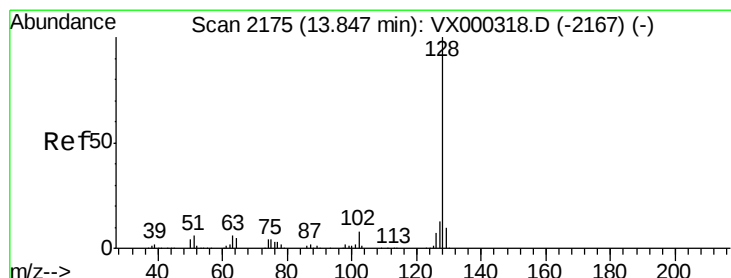
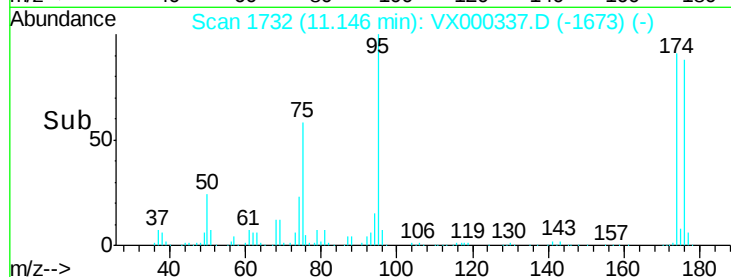
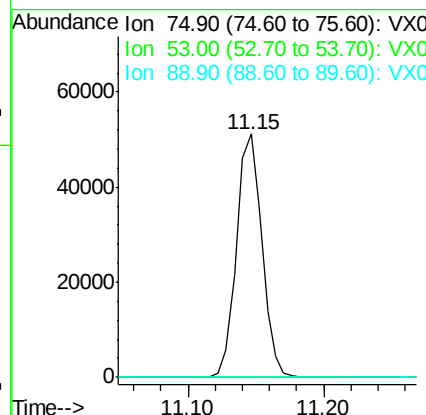
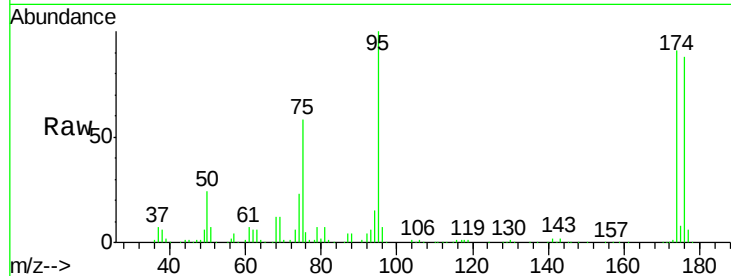




#81
trans-1,4-Dichloro-2-butene
Concen: 81.65 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000337.D
Acq: 15 Mar 2018 18:53

Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-M8

Tgt Ion: 75 Resp: 66421
Ion Ratio Lower Upper
75 100
53 0.0 80.7 121.1#
89 0.0 39.4 59.0#



#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

Tgt Ion: 128 Resp: 46237
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.5 8.9 13.3

