

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
 Data File : VX000336.D
 Acq On : 15 Mar 2018 18:27
 Operator : JC/MD
 Sample : J1913-04 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL-M8

Quant Time: Mar 16 02:41:55 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	170502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124985	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	113505	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	5.52	113	87857	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	8.73	98	356007	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.15	95	117354	39.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.62%	

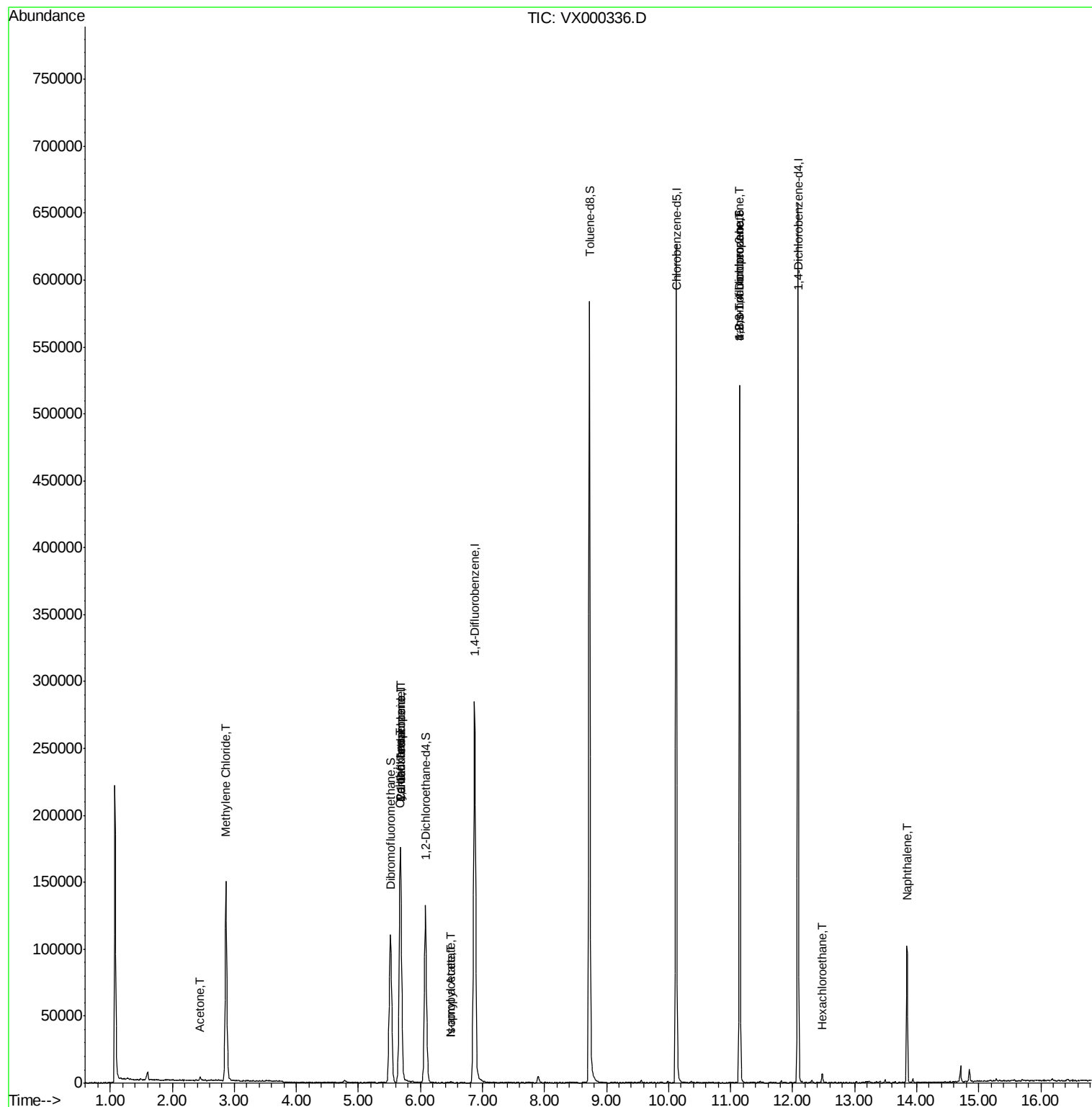
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	2589	1.64	ug/l #	84
20) Methylene Chloride	2.86	84	68174	33.44	ug/l	98
31) Cyclohexane	5.67	56	4212	1.58	ug/l #	53
36) 1,1-Dichloropropene	5.67	75	13071	5.09	ug/l #	52
38) Carbon Tetrachloride	5.68	117	16789	6.48	ug/l #	14
43) Isopropyl Acetate	6.49	43	1162	0.24	ug/l #	71
74) N-amyl acetate	6.49	43	1162	0.32	ug/l #	75
76) 1,2,3-Trichloropropane	11.15	75	66560	28.59	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	66560	78.86	ug/l #	9
90) Hexachloroethane	12.48	117	291	0.26	ug/l #	12
95) Naphthalene	13.84	128	62998	6.71	ug/l	99

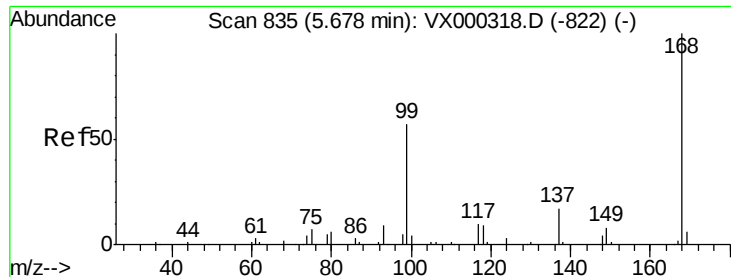
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

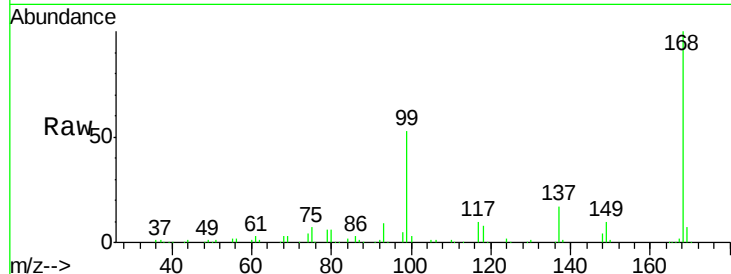
OILY-SOIL-M8

Tgt Ion:168 Resp: 170502

Ion Ratio Lower Upper

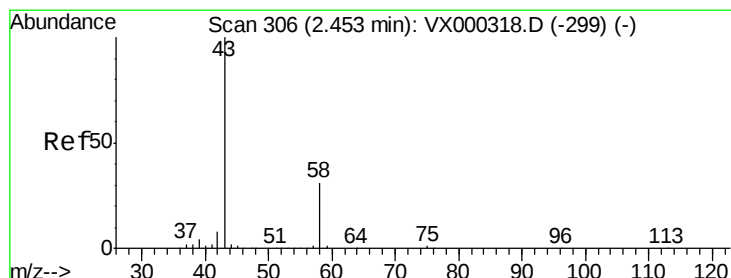
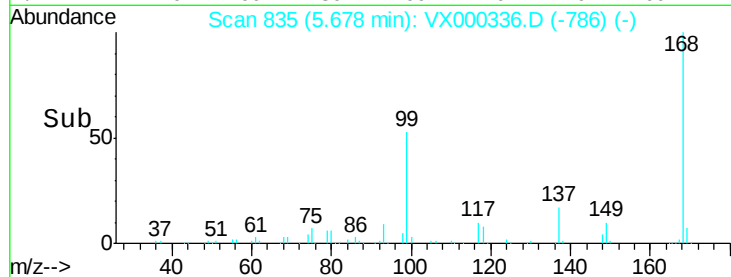
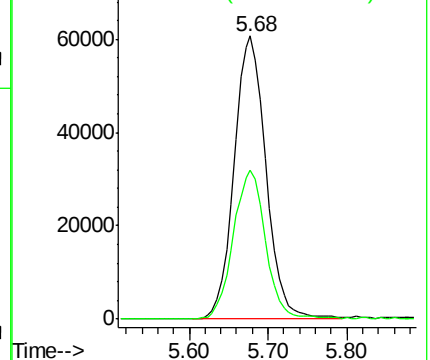
168 100

99 52.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.64 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000336.D

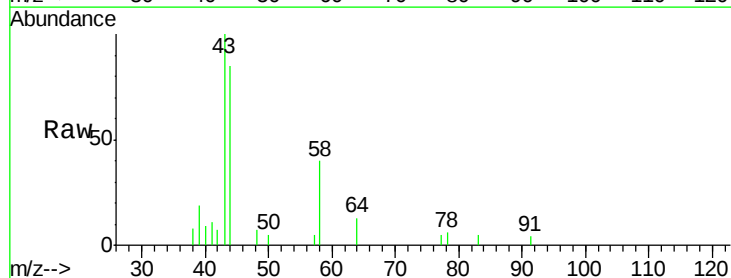
Acq: 15 Mar 2018 18:27

Tgt Ion: 43 Resp: 2589

Ion Ratio Lower Upper

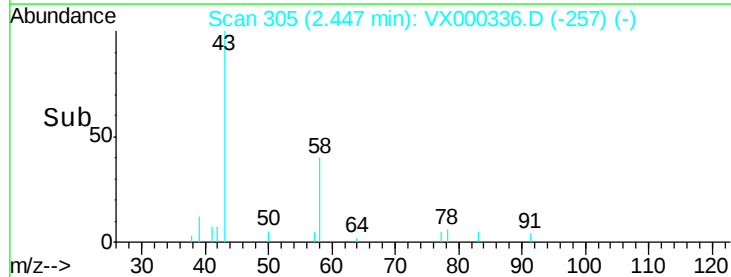
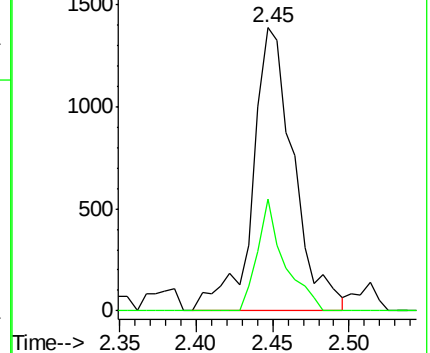
43 100

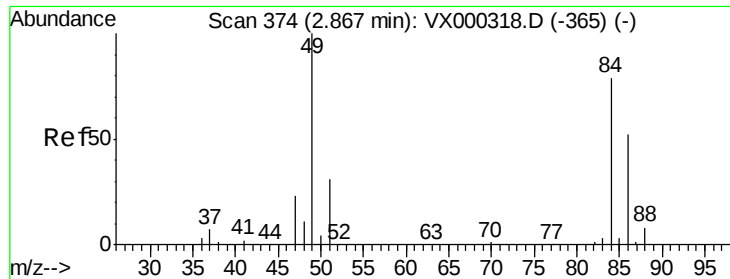
58 39.6 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

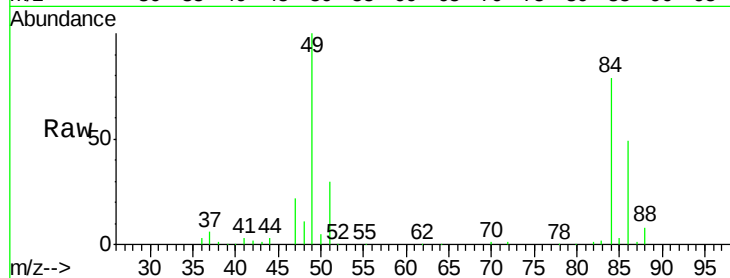




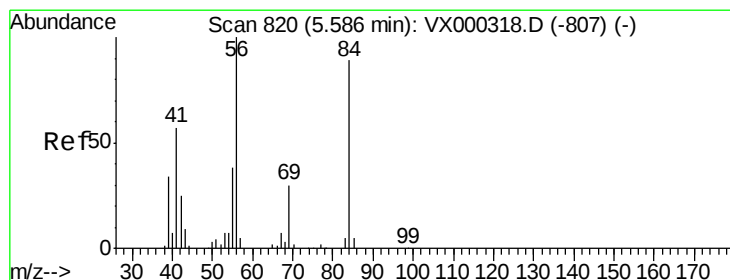
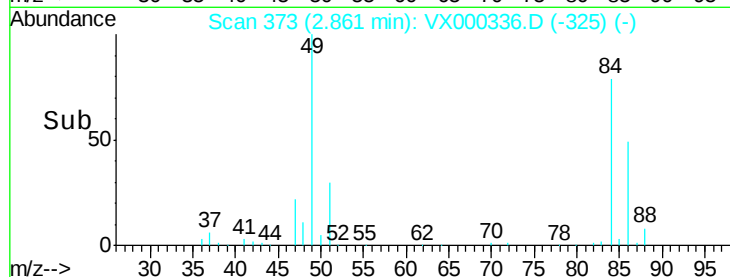
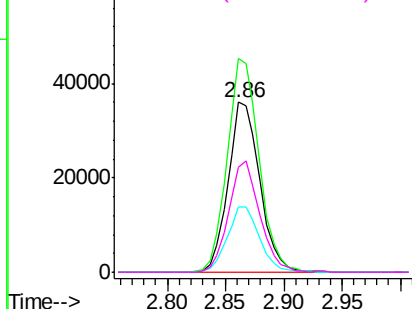
#20
Methylene Chloride
Concen: 33.44 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-M8

Tgt Ion: 84 Resp: 68174
Ion Ratio Lower Upper
84 100
49 125.6 100.6 151.0
51 38.2 31.6 47.4
86 62.1 52.6 78.8

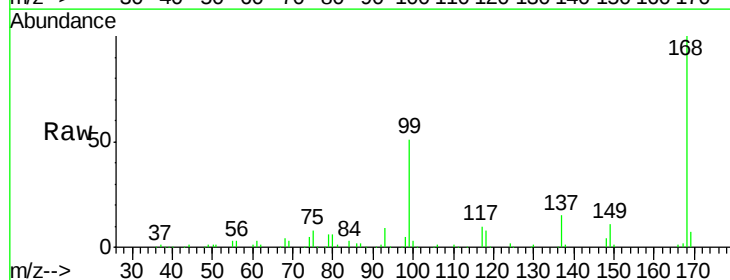


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

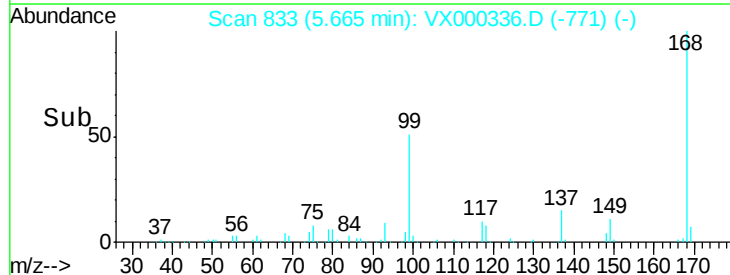
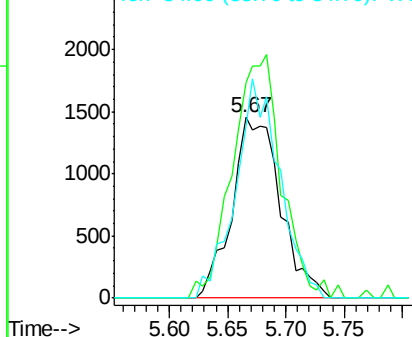


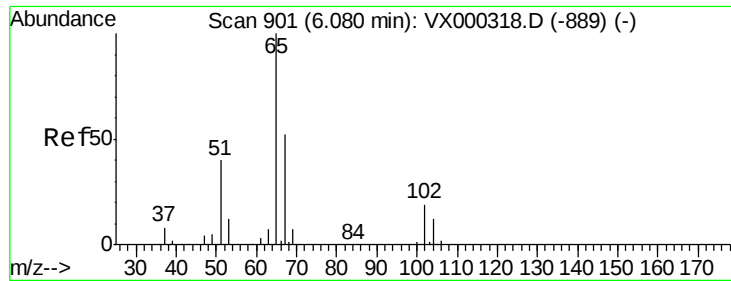
#31
Cyclohexane
Concen: 1.58 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

Tgt Ion: 56 Resp: 4212
Ion Ratio Lower Upper
56 100
69 119.6 23.4 35.0#
84 95.7 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

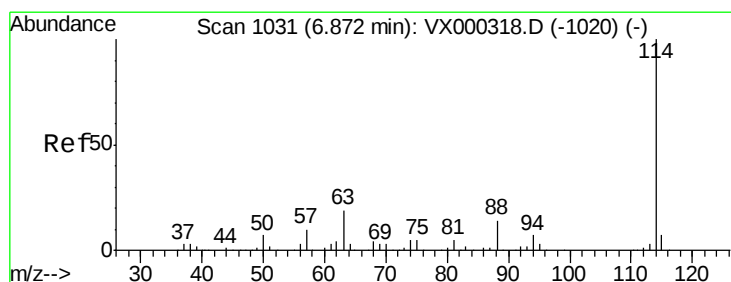
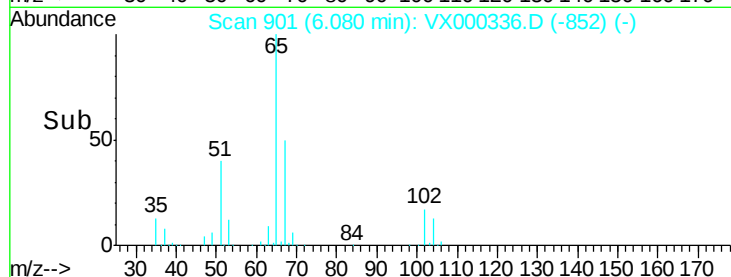
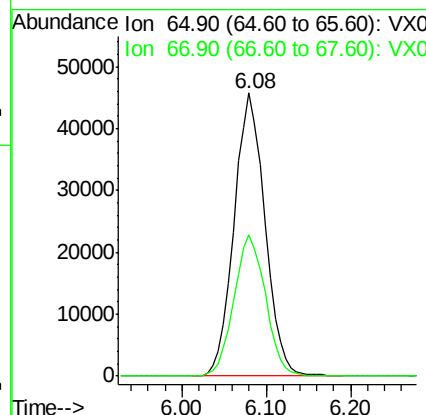
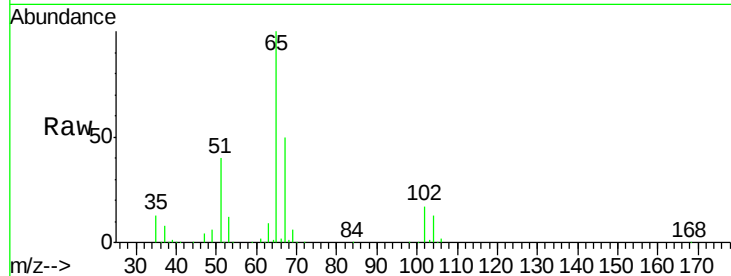




#33
 1,2-Dichloroethane-d4
 Concen: 48.12 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000336.D
 Acq: 15 Mar 2018 18:27

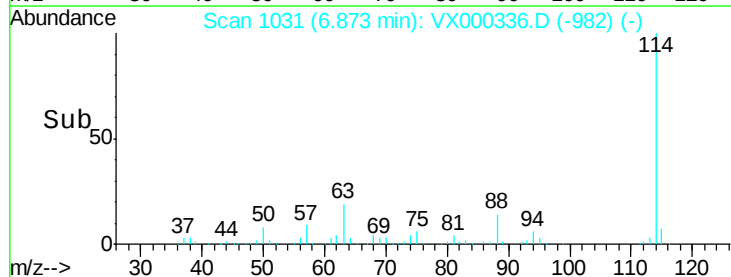
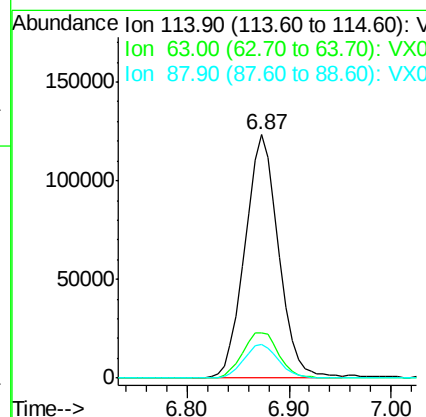
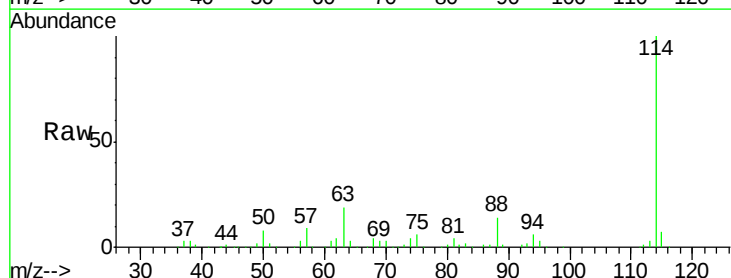
Instrument :
 MSVOA_X
 ClientSampled :
 OILY-SOIL-M8

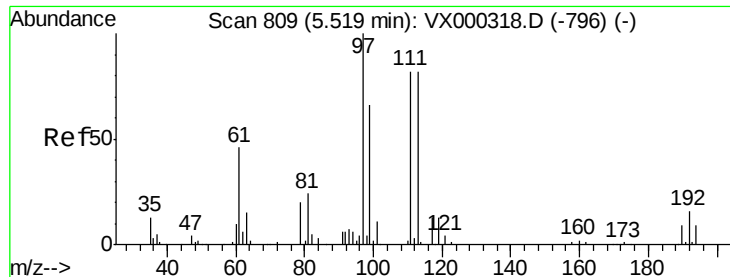
Tgt Ion: 65 Resp: 113505
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000336.D
 Acq: 15 Mar 2018 18:27

Tgt Ion: 114 Resp: 282829
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 13.9 0.0 27.0

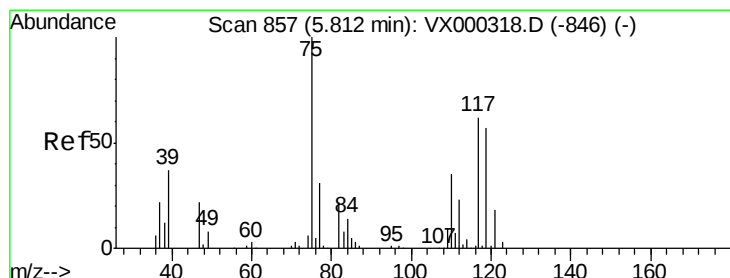
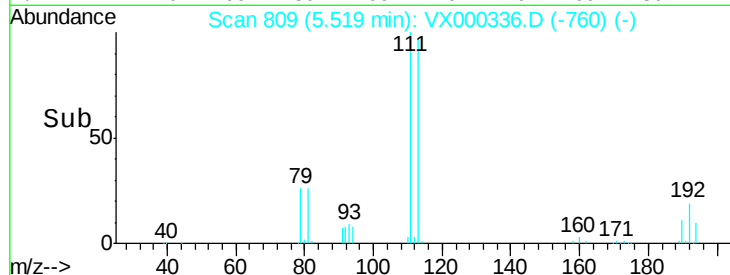
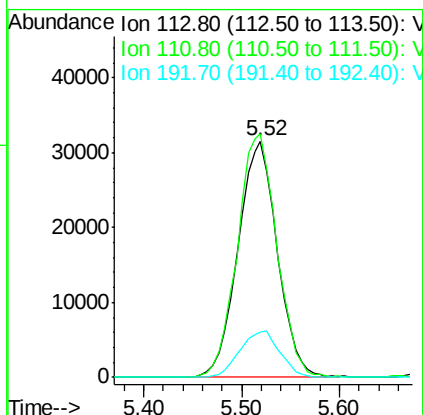
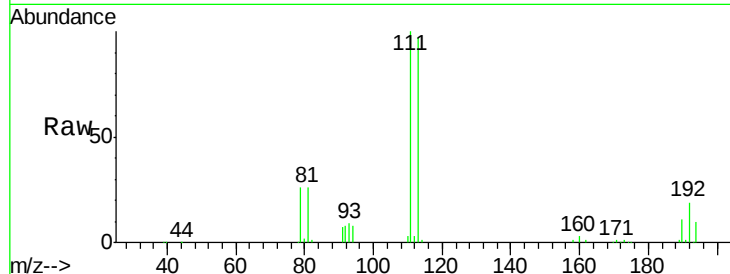




#35
 Dibromofluoromethane
 Concen: 49.23 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: VX000336.D
 Acq: 15 Mar 2018 18:27

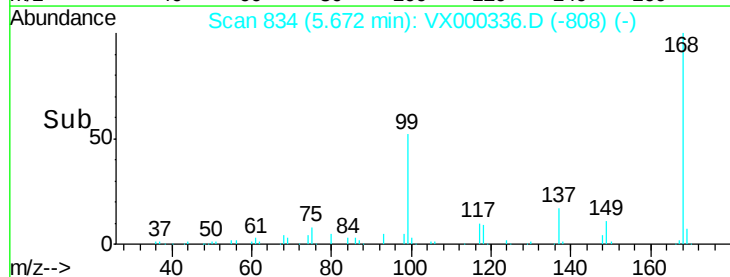
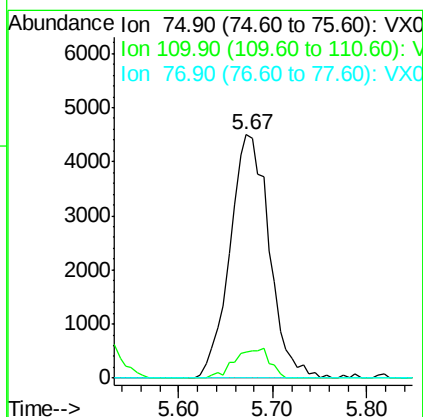
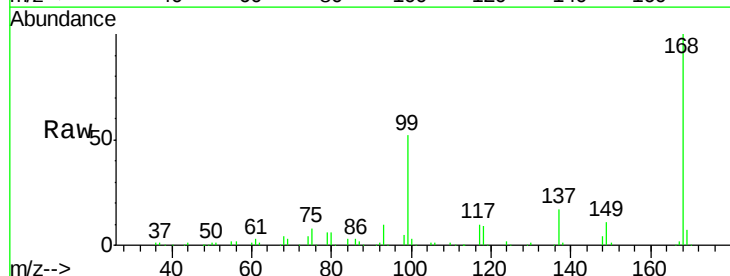
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL-M8

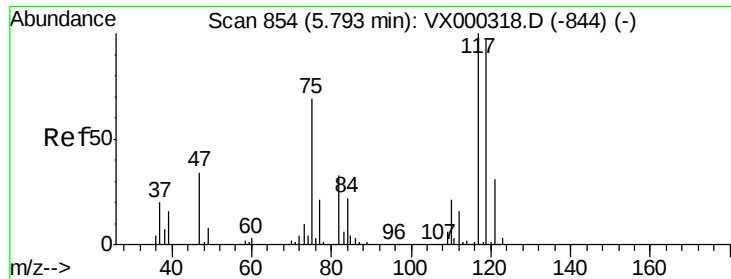
Tgt Ion:113 Resp: 87857
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 20.0 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 5.09 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000336.D
 Acq: 15 Mar 2018 18:27

Tgt Ion: 75 Resp: 13071
 Ion Ratio Lower Upper
 75 100
 110 10.8 17.9 53.7#
 77 0.0 24.0 36.0#

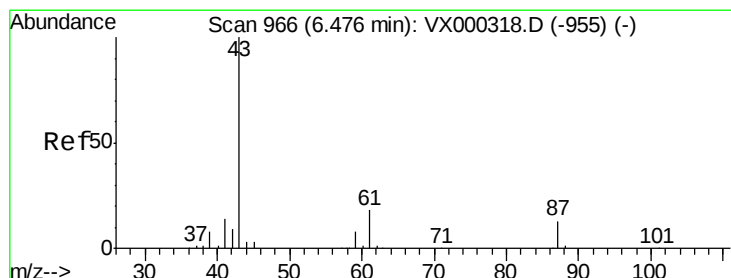
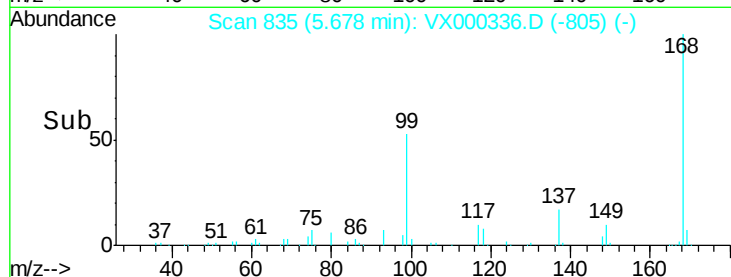
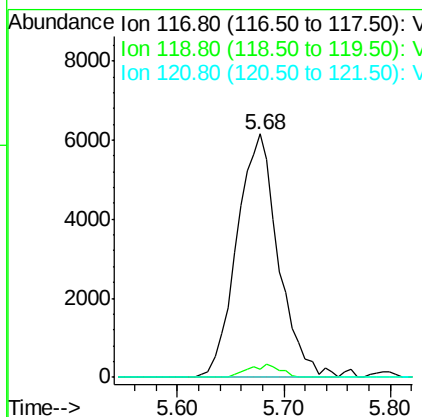
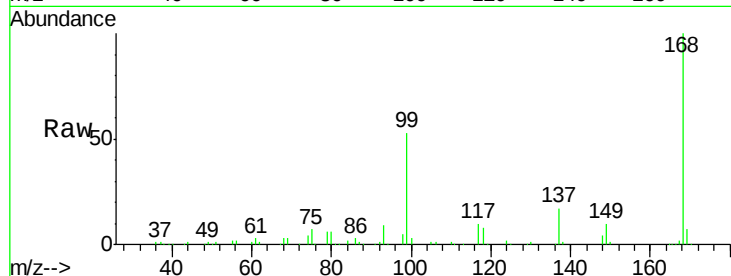




#38
Carbon Tetrachloride
Concen: 6.48 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

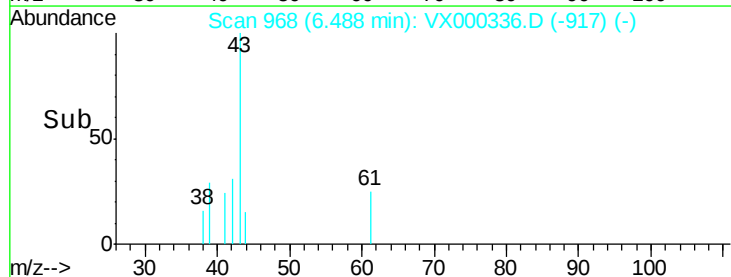
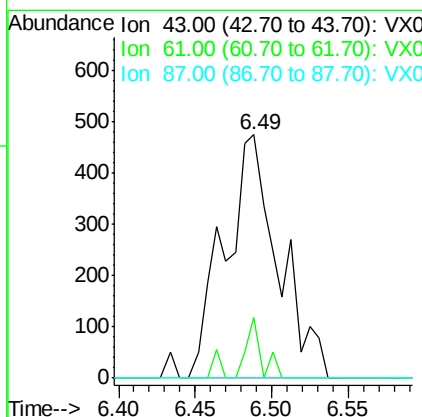
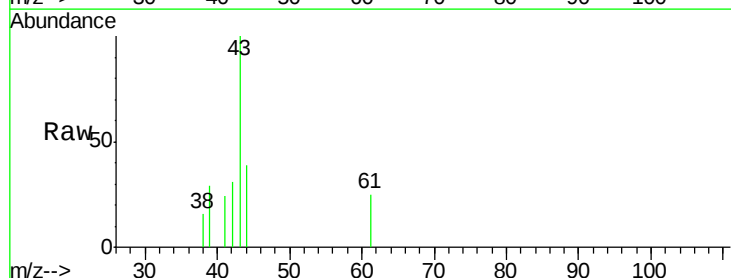
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-M8

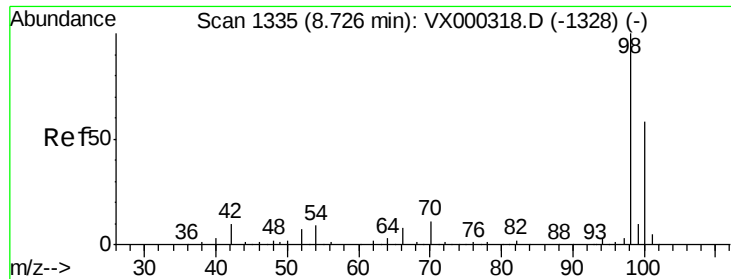
Tgt Ion: 117 Resp: 16789
Ion Ratio Lower Upper
117 100
119 3.6 77.4 116.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.24 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
61 6.9 14.4 21.6#
87 0.0 11.0 16.4#

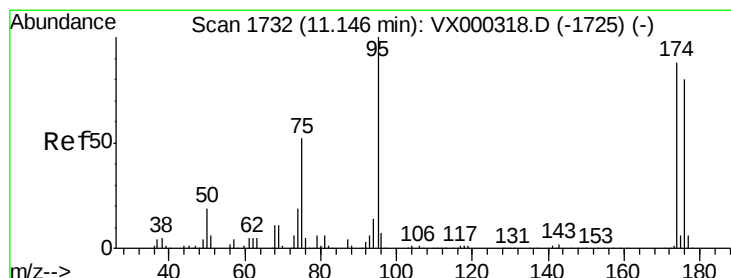
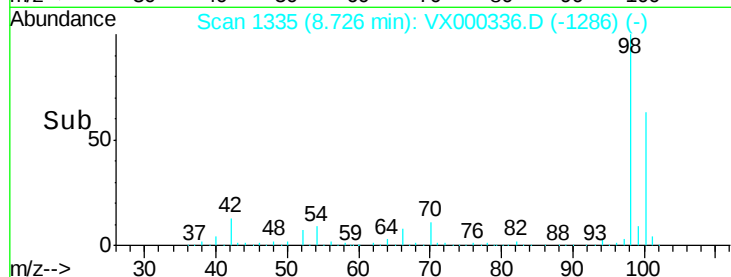
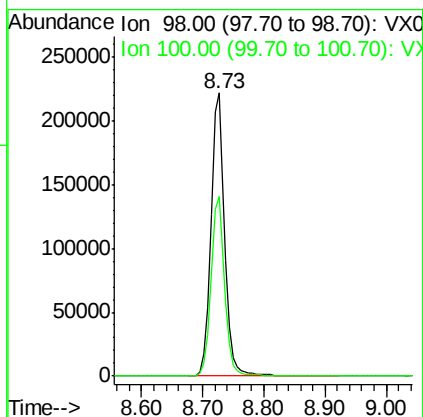
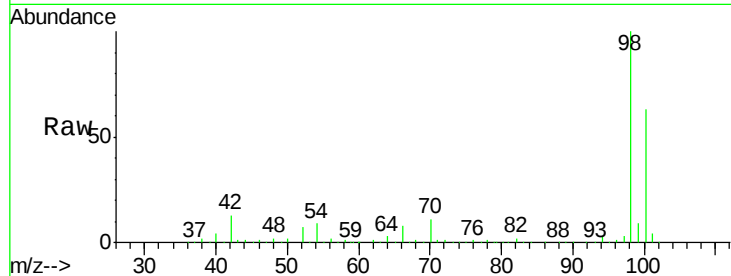




#50
Toluene-d8
Concen: 47.82 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

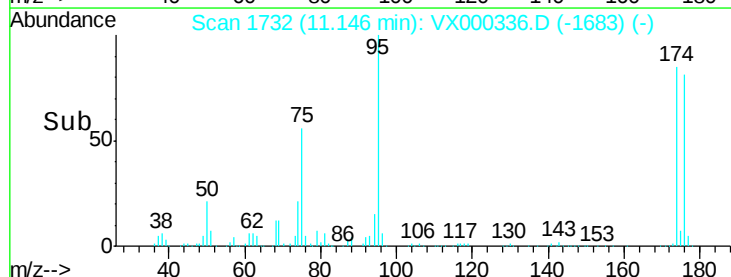
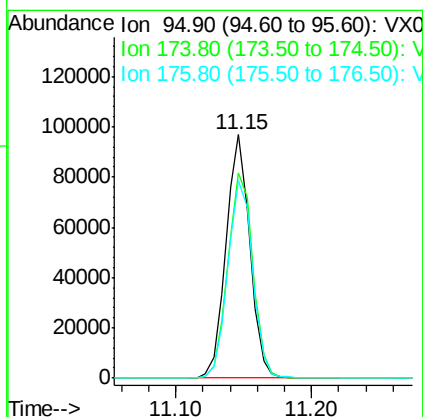
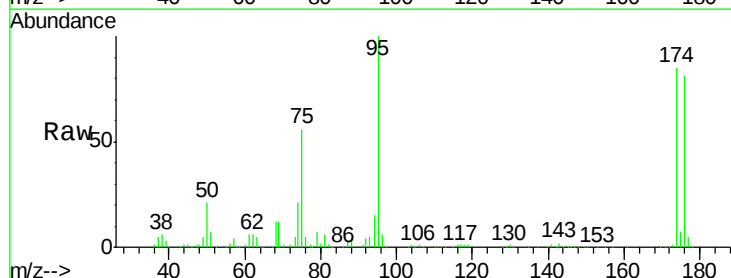
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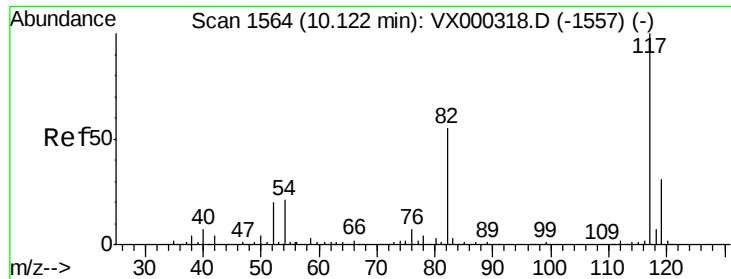
Tgt Ion: 98 Resp: 356007
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.31 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

Tgt Ion: 95 Resp: 117354
Ion Ratio Lower Upper
95 100
174 88.8 0.0 173.6
176 85.2 0.0 164.6

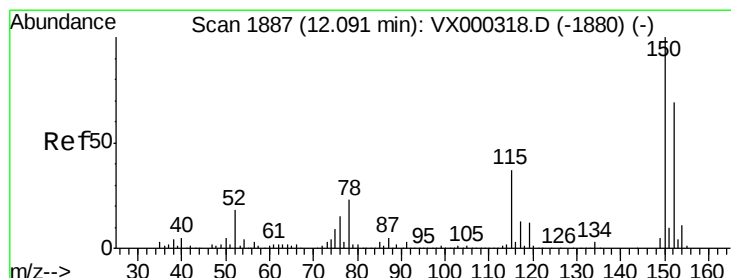
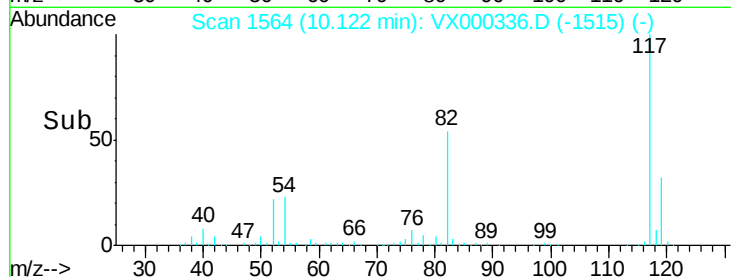
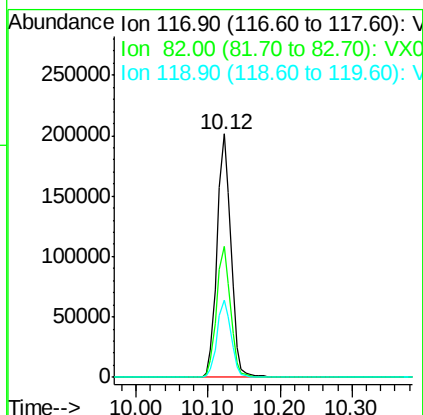
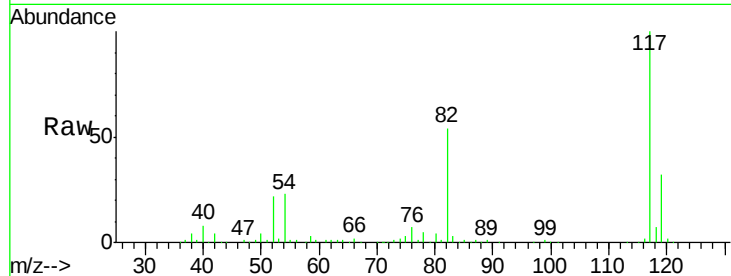




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX000336.D
 Acq: 15 Mar 2018 18:27

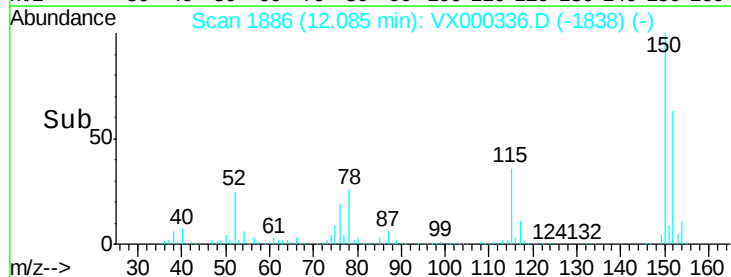
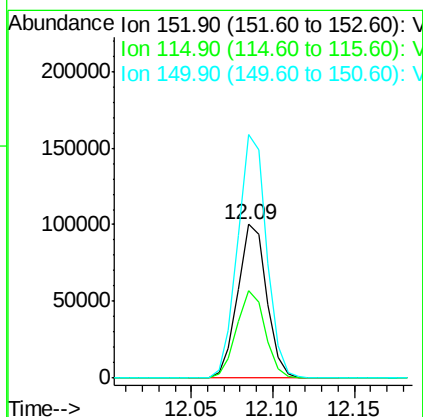
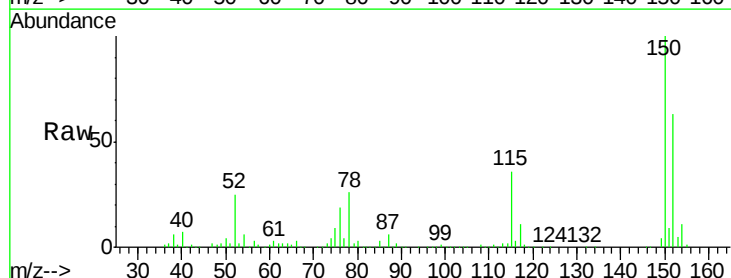
Instrument :
 MSVOA_X
 ClientSampled :
 OILY-SOIL-M8

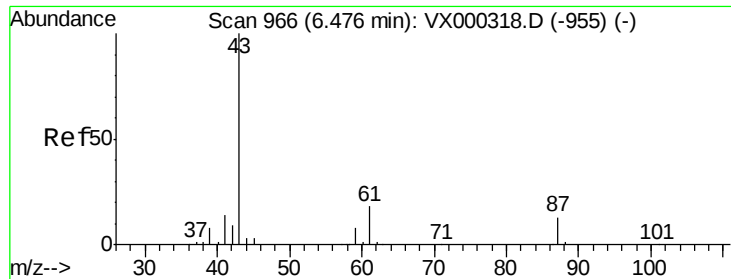
Tgt Ion:117 Resp: 267561
 Ion Ratio Lower Upper
 117 100
 82 53.8 43.8 65.8
 119 31.5 24.9 37.3



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: VX000336.D
 Acq: 15 Mar 2018 18:27

Tgt Ion:152 Resp: 124985
 Ion Ratio Lower Upper
 152 100
 115 55.8 39.8 119.3
 150 157.6 0.0 344.4





#74

N-ethyl acetate

Concen: 0.32 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOIL-M8

Tgt Ion: 43 Resp: 1162

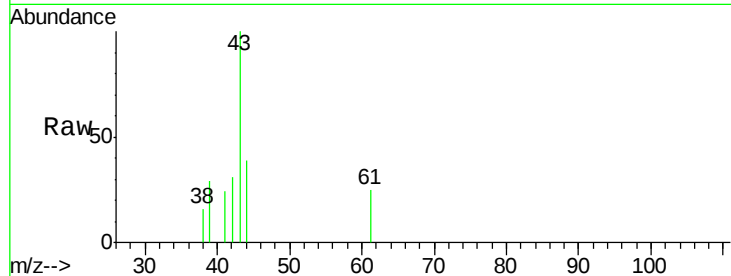
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 6.9 14.4 21.6#

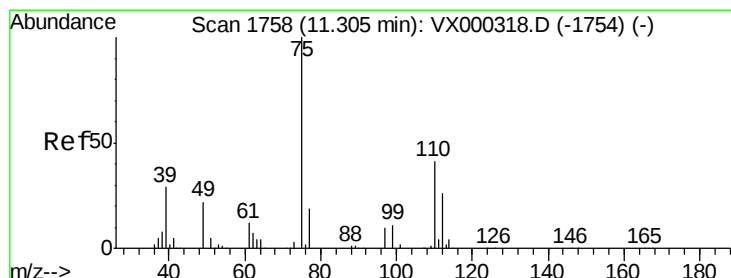
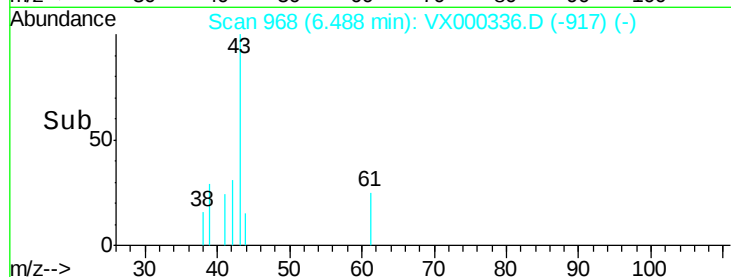
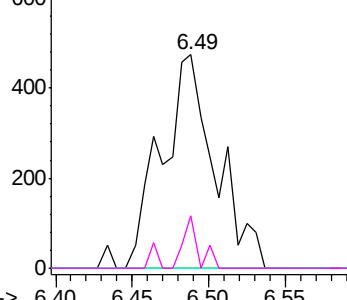


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 28.59 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000336.D

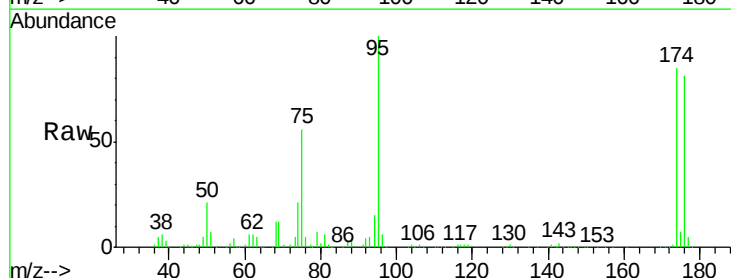
Acq: 15 Mar 2018 18:27

Tgt Ion: 75 Resp: 66560

Ion Ratio Lower Upper

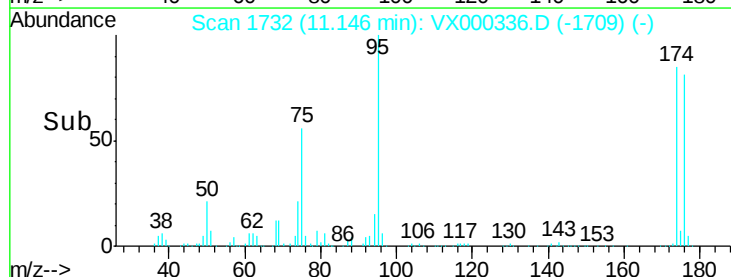
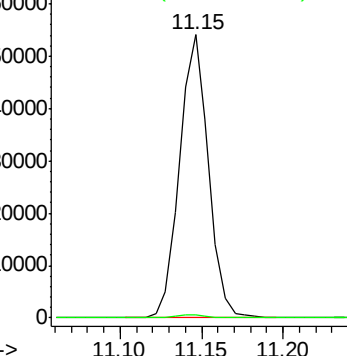
75 100

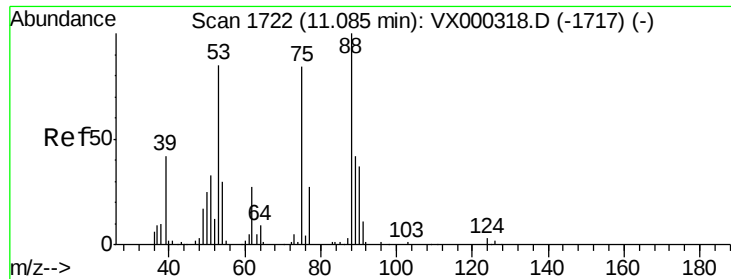
77 1.2 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

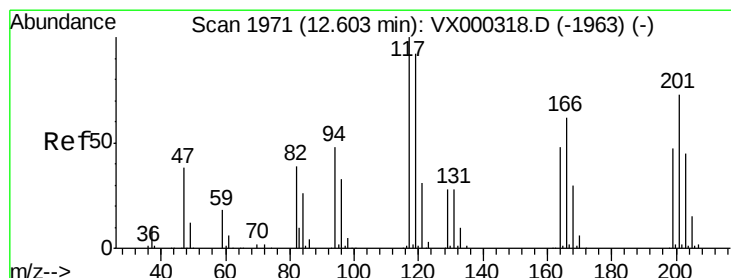
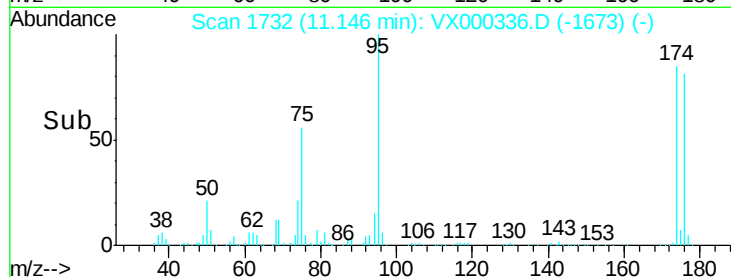
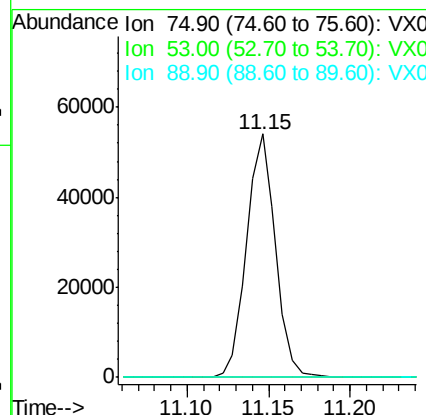
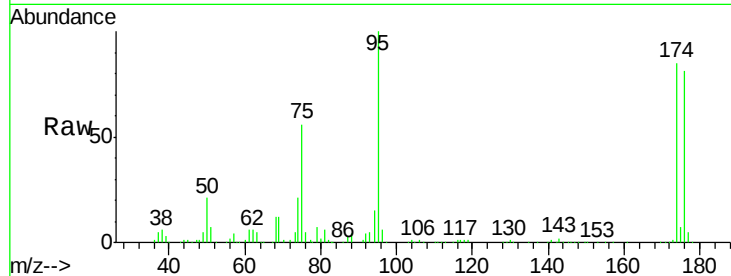




#81
trans-1,4-Dichloro-2-butene
Concen: 78.86 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

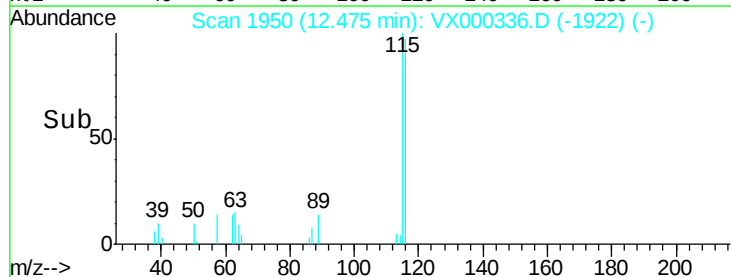
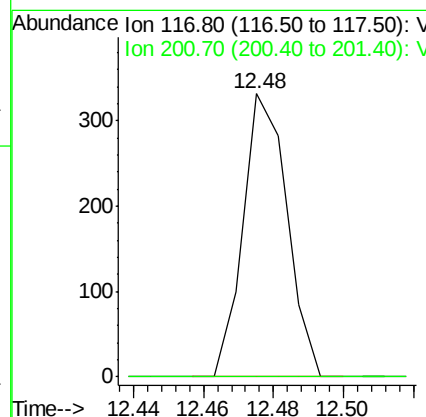
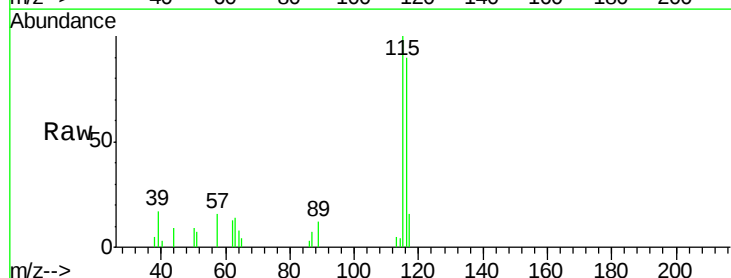
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-M8

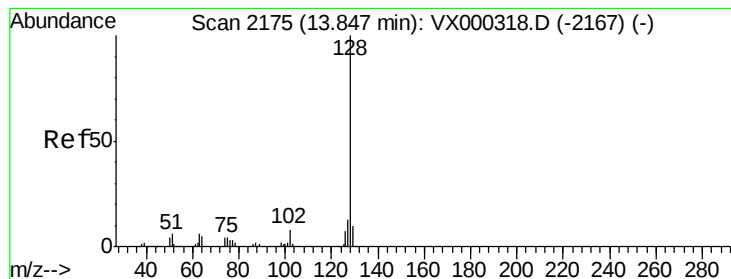
Tgt Ion: 75 Resp: 66560
Ion Ratio Lower Upper
75 100
53 0.0 80.7 121.1#
89 0.0 39.4 59.0#



#90
Hexachloroethane
Concen: 0.26 ug/l
RT: 12.48 min Scan# 1950
Delta R.T. -0.13 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

Tgt Ion: 117 Resp: 291
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#





#95

Naphthalene

Concen: 6.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOIL-M8

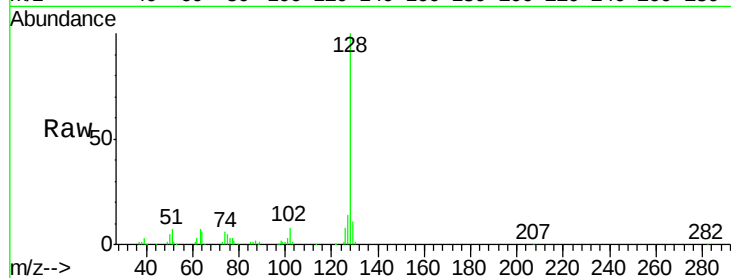
Tgt Ion:128 Resp: 62998

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.7 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

