

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
 Data File : VX006416.D
 Acq On : 11 Dec 2018 13:18
 Operator : JC/MD
 Sample : J6269-01MEDL 20X
 Misc : 5.79g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOILMEDL

Quant Time: Dec 11 13:37:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	847923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1262082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1162720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	597169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	400122	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	5.50	113	378433	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	8.71	98	1468966	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	568295	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	2641	0.415	ug/l	85
6) Chloroethane	1.74	64	1198	0.213	ug/l #	58
11) Tert butyl alcohol	3.02	59	4292	1.813	ug/l #	73
15) Acrylonitrile	3.17	53	3116	0.631	ug/l #	52
16) Acetone	2.45	43	1454	0.358	ug/l #	72
18) Methyl Acetate	2.78	43	2758	0.203	ug/l	96
20) Methylene Chloride	2.87	84	2640	0.305	ug/l #	68
31) Cyclohexane	5.58	56	143455	11.472	ug/l	99
36) 1,1-Dichloropropene	5.66	75	48031	4.519	ug/l #	49
38) Carbon Tetrachloride	5.66	117	73683	5.893	ug/l #	17
39) Methylcyclohexane	7.46	83	625370	45.331	ug/l	96
43) Isopropyl Acetate	6.46	43	11150	0.562	ug/l #	64
45) 1,2-Dichloropropane	7.46	63	6159	0.761	ug/l #	1
47) Bromodichloromethane	7.84	83	11782	1.041	ug/l #	78
48) Methyl methacrylate	7.78	41	7939	0.822	ug/l #	87
49) 1,4-Dioxane	7.73	88	145	0.609	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	27035	2.340	ug/l #	36
52) Toluene	8.78	92	26313	1.256	ug/l	96
55) 1,1,2-Trichloroethane	9.26	97	6644	0.781	ug/l #	21
56) Ethyl methacrylate	9.16	69	40190	3.022	ug/l #	19
59) 2-Hexanone	9.45	43	163434	18.518	ug/l #	28
67) Ethyl Benzene	10.26	91	56657	1.380	ug/l	100
68) m/p-Xylenes	10.36	106	292721	17.801	ug/l	98
69) o-Xylene	10.69	106	26042	1.603	ug/l	98
73) Isopropylbenzene	11.02	105	104885	2.543	ug/l	98
74) N-amyl acetate	10.91	43	86353	4.863	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	74504	5.647	ug/l #	26
76) 1,2,3-Trichloropropane	11.45	75	15992	1.387	ug/l #	1
78) n-propylbenzene	11.36	91	133906	2.921	ug/l	99
79) 2-Chlorotoluene	11.18	91	8465	0.311	ug/l	75
80) 1,3,5-Trimethylbenzene	11.51	105	237147	6.911	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	252500	51.408	ug/l #	17
82) 4-Chlorotoluene	11.67	91	37401	1.181	ug/l	87
83) tert-Butylbenzene	12.02	119	127551	3.484	ug/l	71

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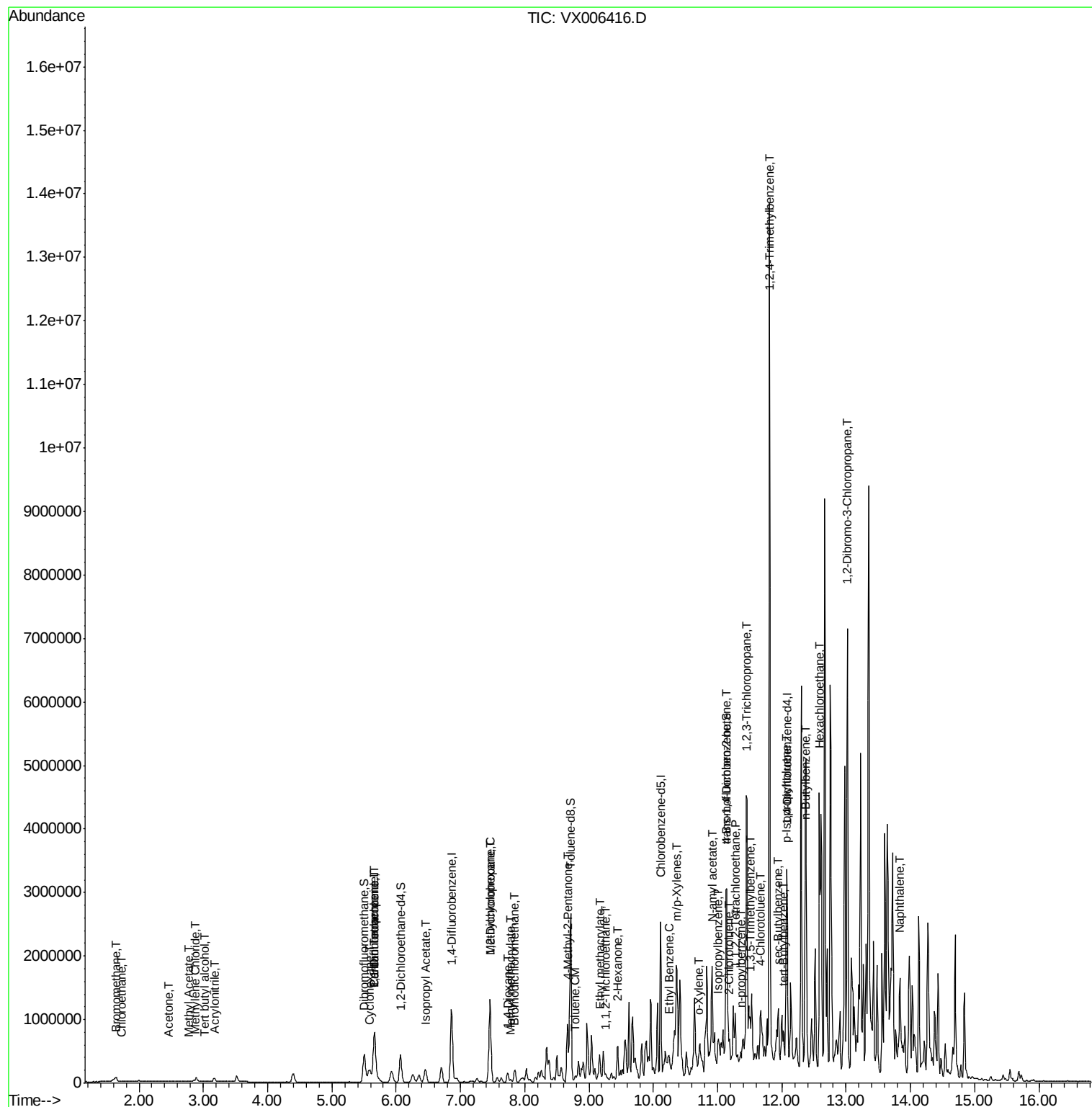
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	6001139	169.376	ug/l	98
85) sec-Butylbenzene	11.94	105	298160	7.159	ug/l	99
86) p-Isopropyltoluene	12.07	119	392057	10.454	ug/l	97
89) n-Butylbenzene	12.38	91	631592	19.737	ug/l #	18
90) Hexachloroethane	12.58	117	180127	23.565	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	18584	5.495	ug/l #	1
95) Naphthalene	13.83	128	940927	20.514	ug/l #	93

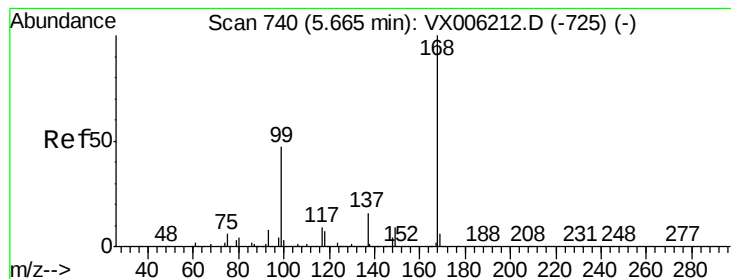
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

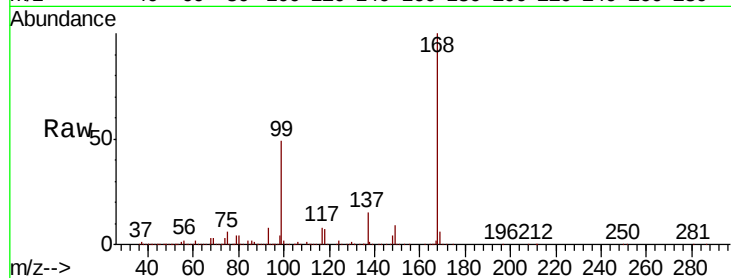
OILY-SOILMEDL

Tgt Ion:168 Resp: 847923

Ion Ratio Lower Upper

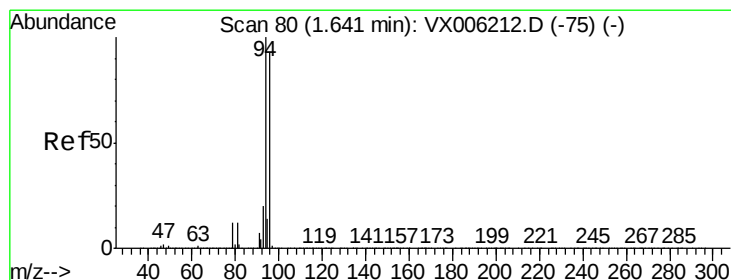
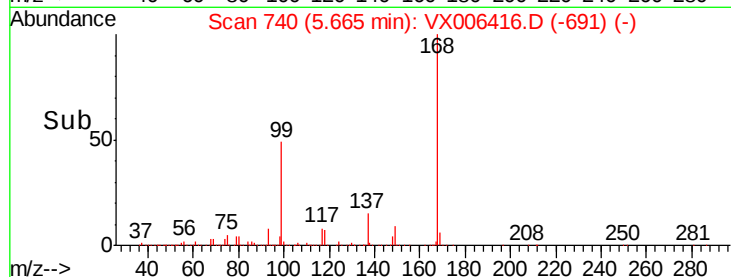
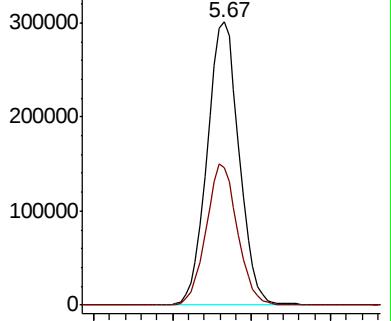
168 100

99 48.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.415 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006416.D

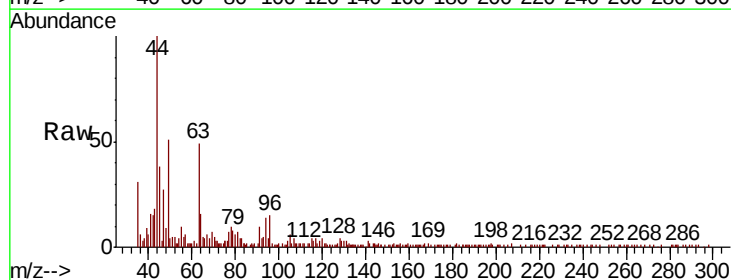
Acq: 11 Dec 2018 13:18

Tgt Ion: 94 Resp: 2641

Ion Ratio Lower Upper

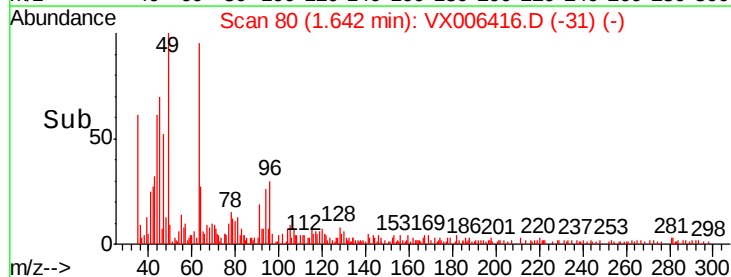
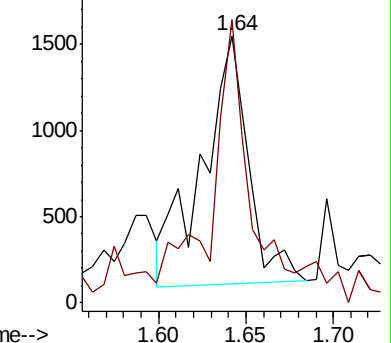
94 100

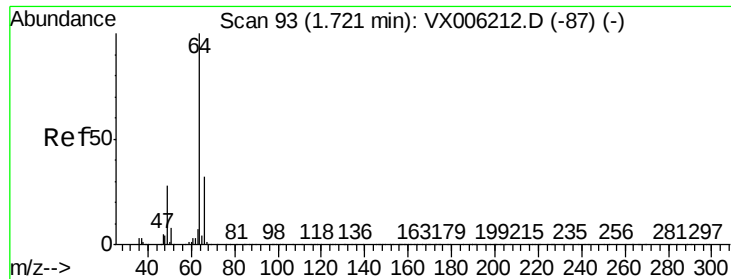
96 107.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.213 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

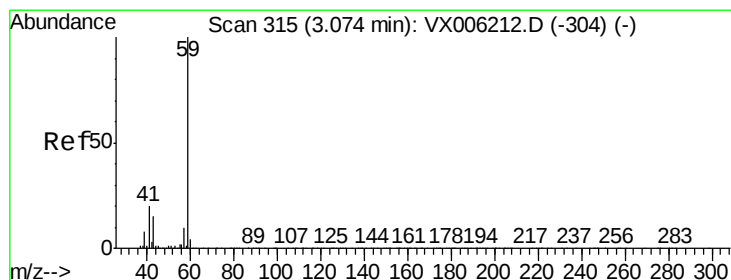
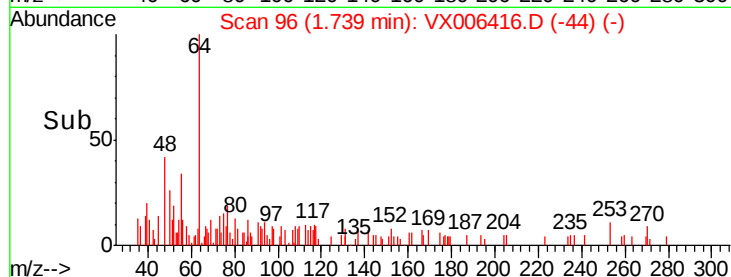
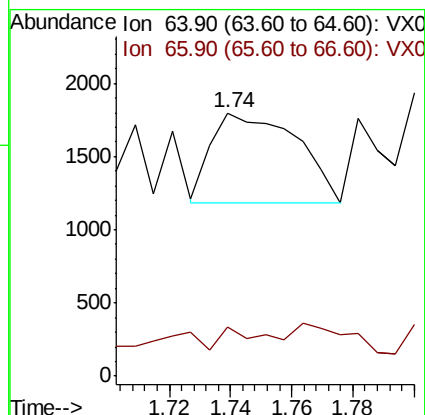
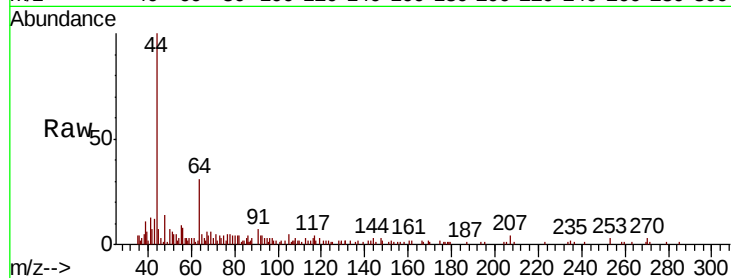
OILY-SOILMEDL

Tgt Ion: 64 Resp: 1198

Ion Ratio Lower Upper

64 100

66 8.8 25.9 38.9#



#11

Tert butyl alcohol

Concen: 1.813 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.05 min

Lab File: VX006416.D

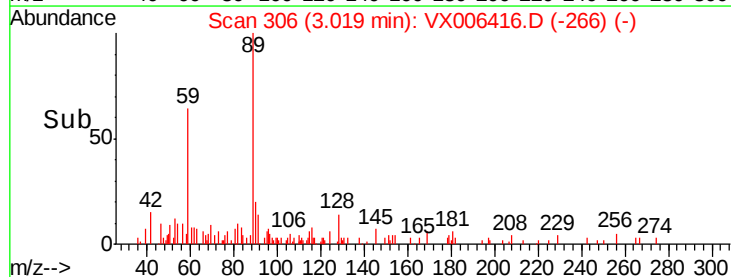
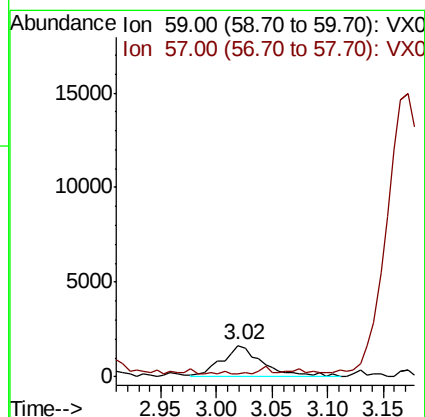
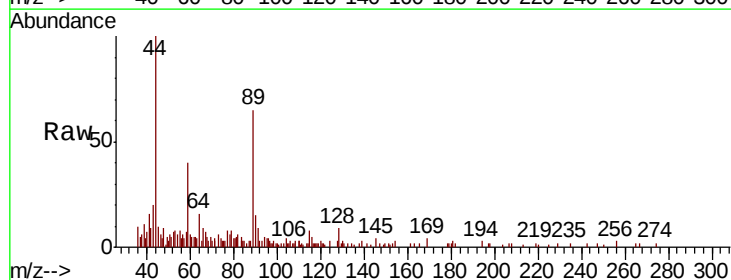
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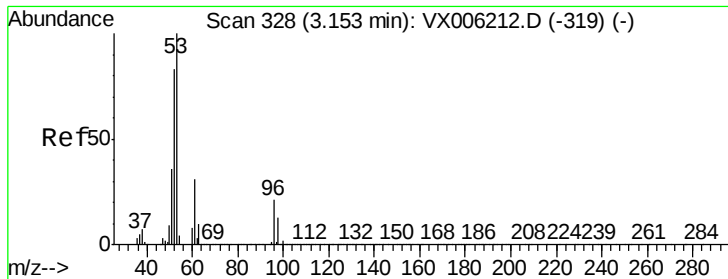
Tgt Ion: 59 Resp: 4292

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#15

Acrylonitrile

Concen: 0.631 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILMEDL

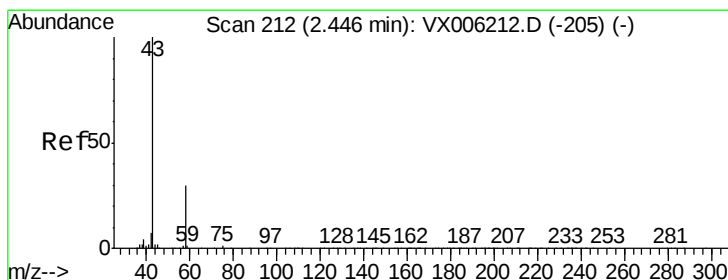
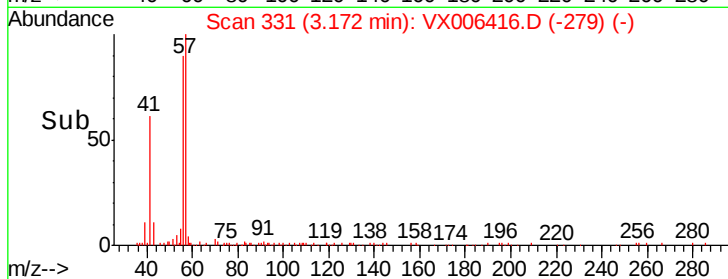
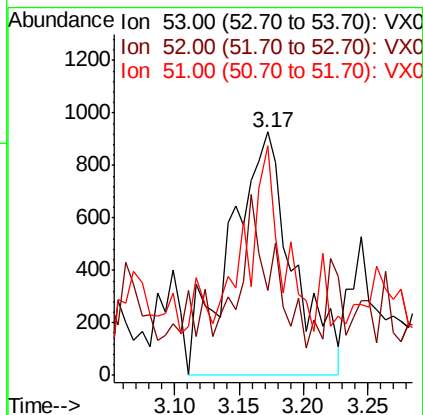
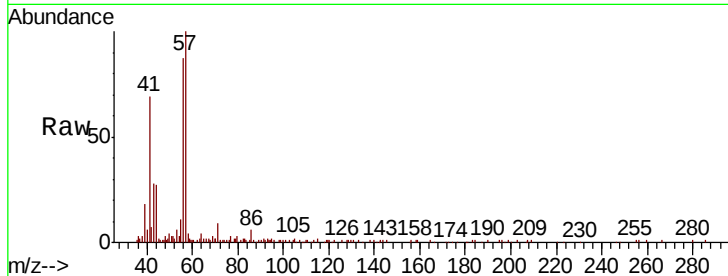
Tgt Ion: 53 Resp: 3116

Ion Ratio Lower Upper

53 100

52 31.6 66.2 99.4#

51 52.2 28.7 43.1#



#16

Acetone

Concen: 0.358 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006416.D

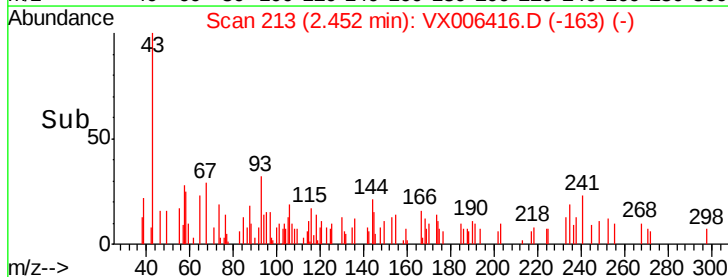
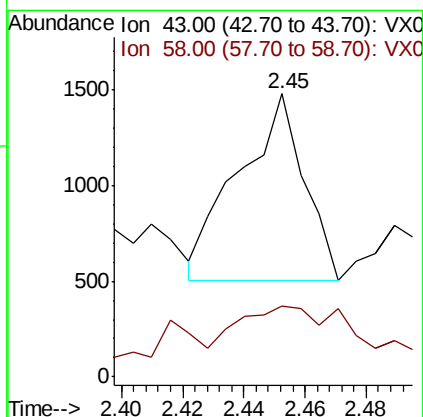
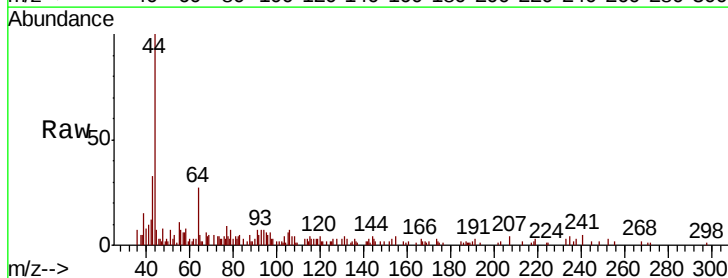
Acq: 11 Dec 2018 13:18

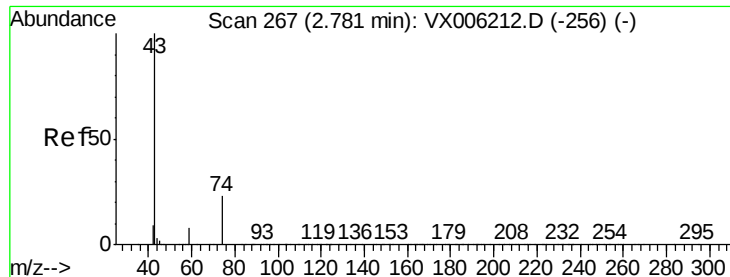
Tgt Ion: 43 Resp: 1454

Ion Ratio Lower Upper

43 100

58 14.7 24.0 36.0#

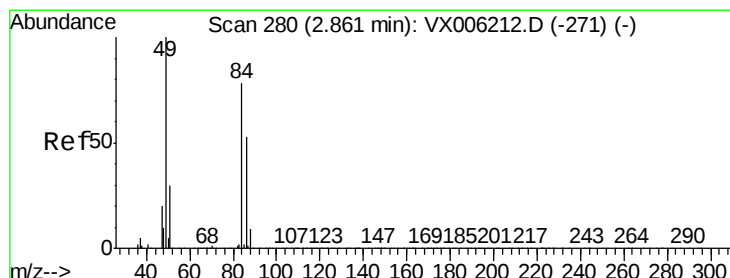
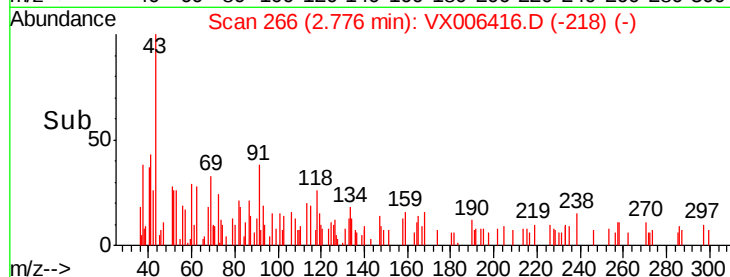
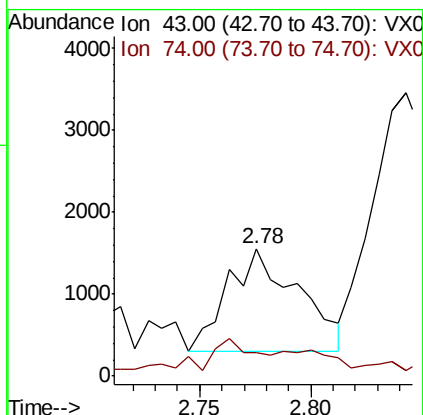
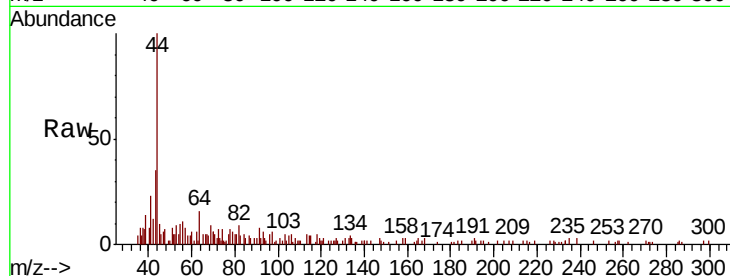




#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

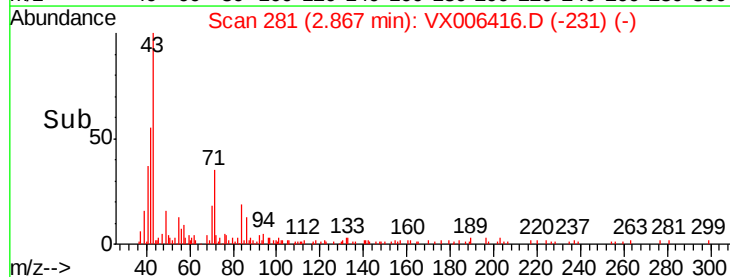
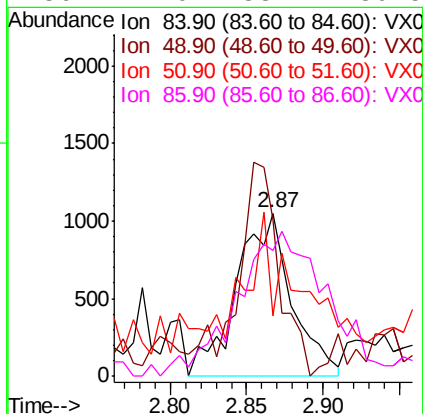
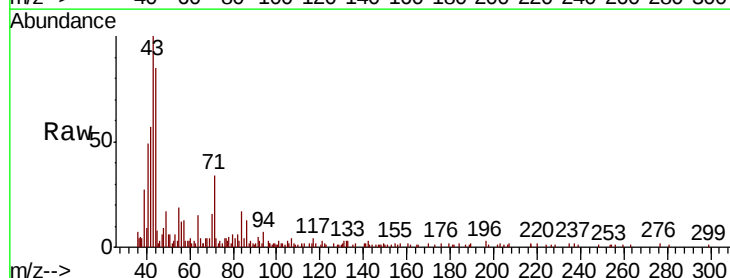
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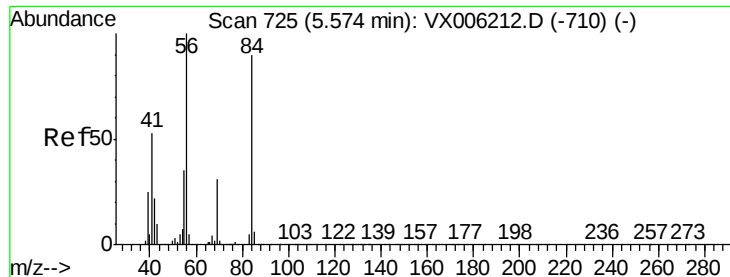
Tgt Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
74 20.4 17.9 26.9



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Tgt Ion: 84 Resp: 2640
Ion Ratio Lower Upper
84 100
49 82.6 102.2 153.4#
51 8.0 31.1 46.7#
86 72.0 53.7 80.5

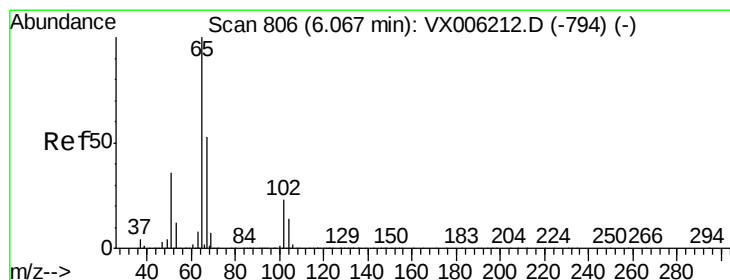
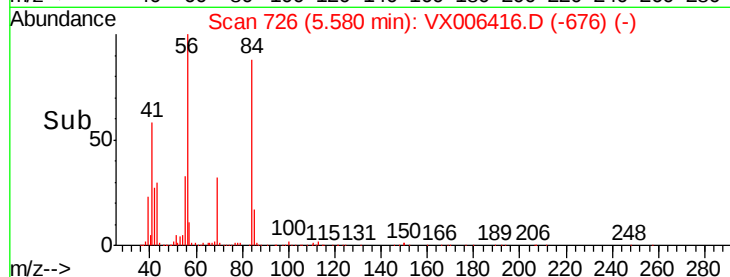
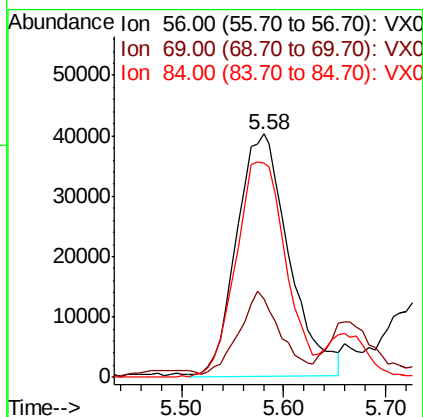
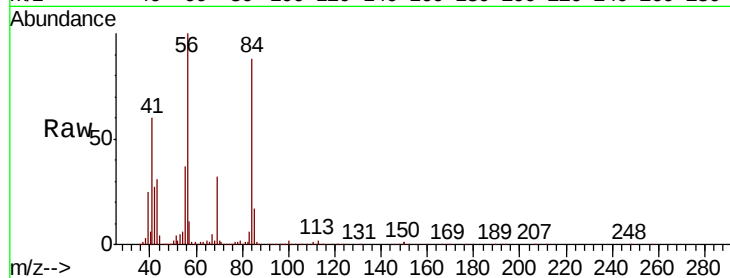




#31
Cyclohexane
Concen: 11.472 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

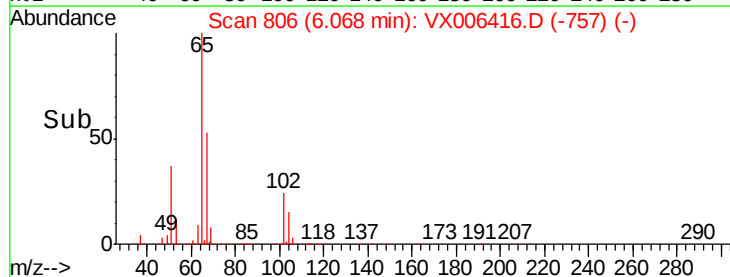
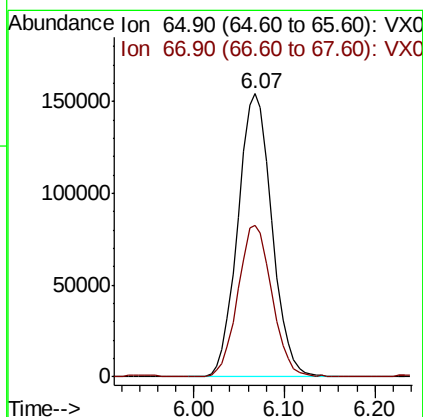
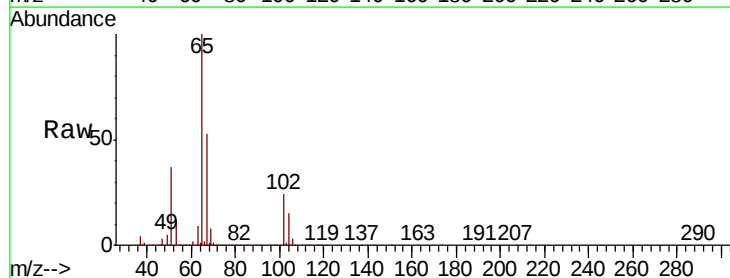
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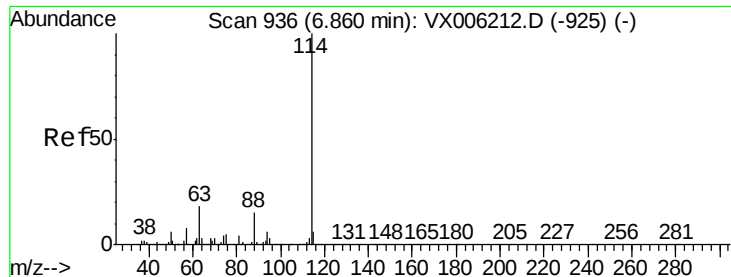
Tgt Ion: 56 Resp: 143455
Ion Ratio Lower Upper
56 100
69 30.1 24.5 36.7
84 88.8 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 46.225 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Tgt Ion: 65 Resp: 400122
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILMEDL

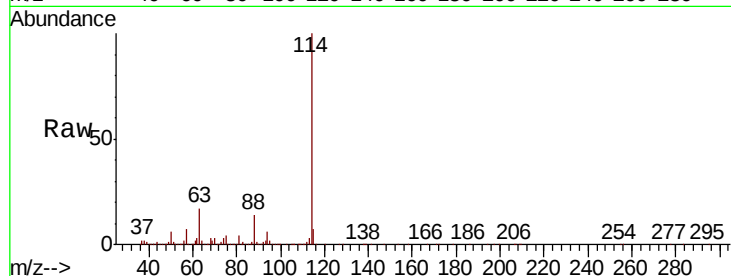
Tgt Ion:114 Resp: 1262082

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

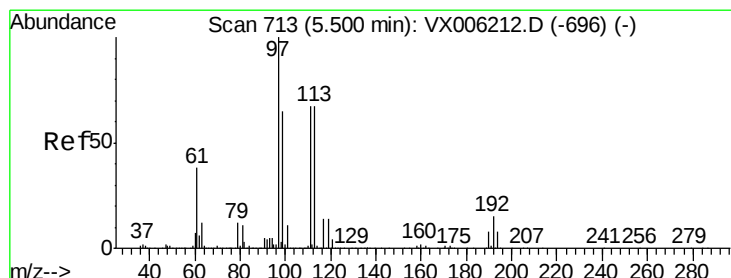
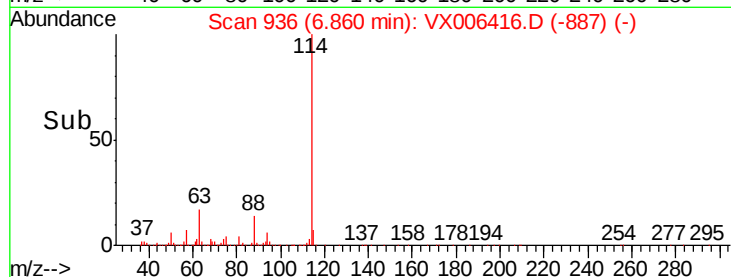
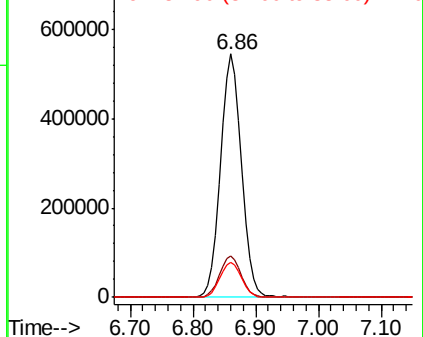
88 14.2 0.0 29.0



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: 46.311 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

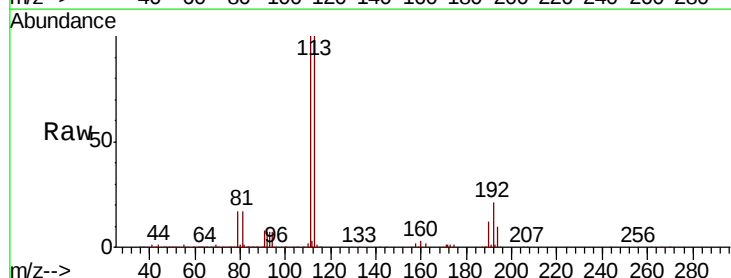
Tgt Ion:113 Resp: 378433

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

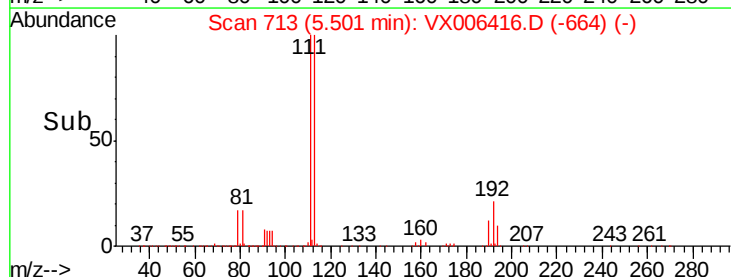
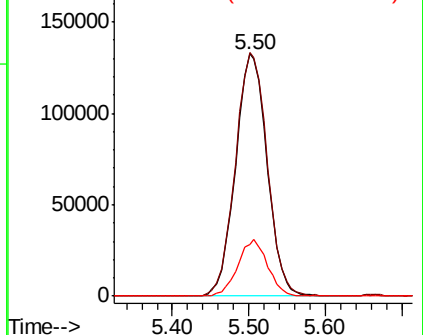
192 22.2 18.2 27.2

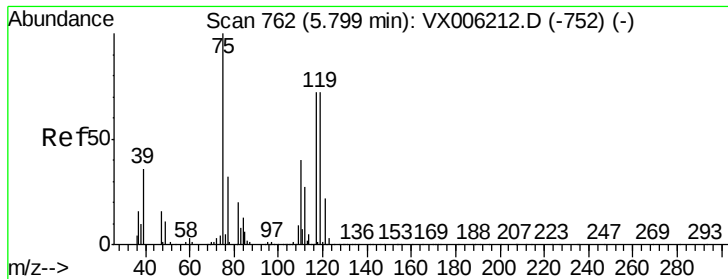


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.519 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILMEDL

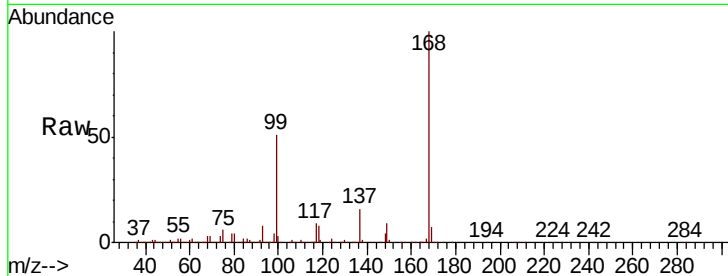
Tgt Ion: 75 Resp: 48031

Ion Ratio Lower Upper

75 100

110 11.4 20.4 61.3#

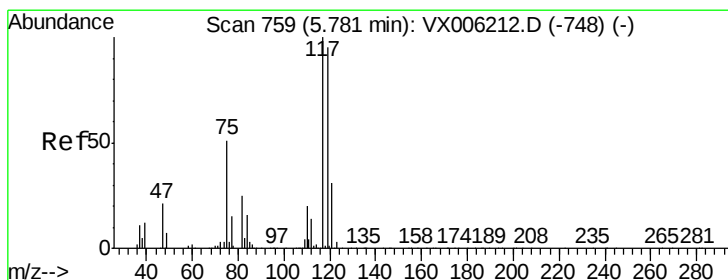
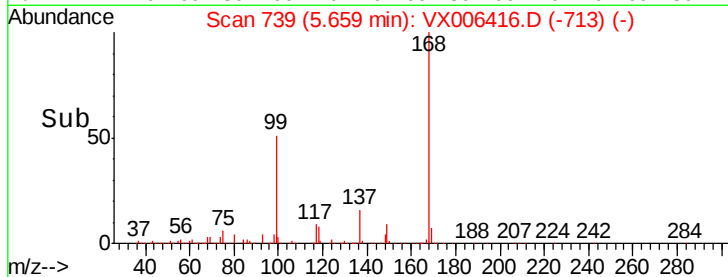
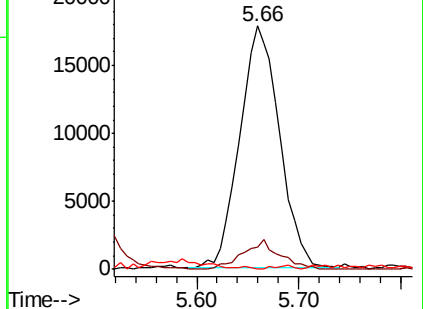
77 0.4 24.9 37.3#



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: 5.893 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

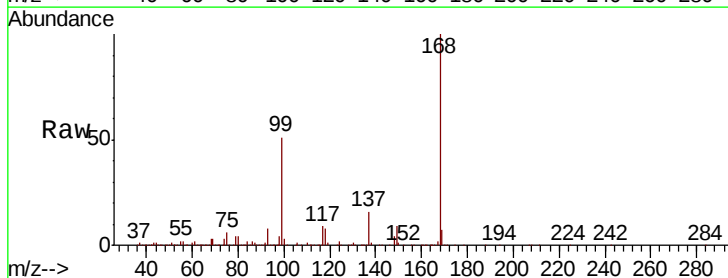
Tgt Ion: 117 Resp: 73683

Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.8#

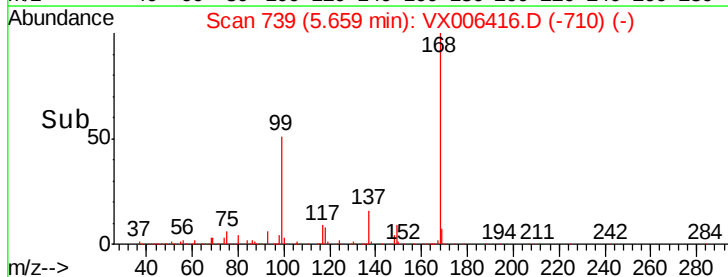
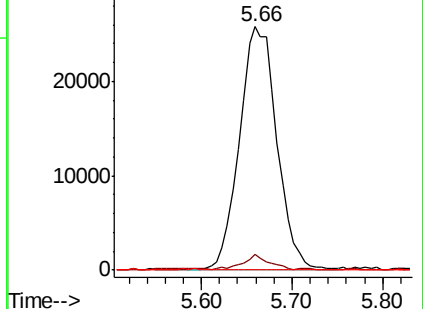
121 0.0 24.6 37.0#

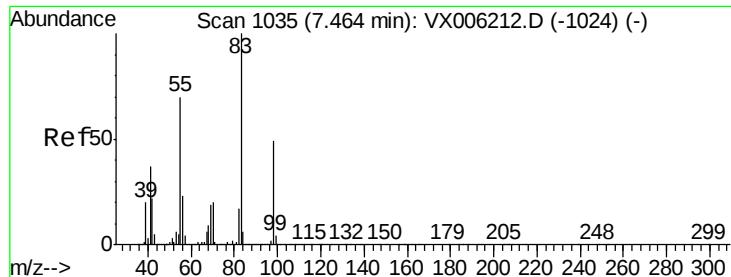


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

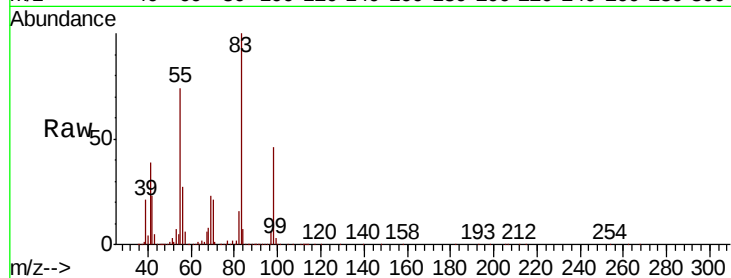




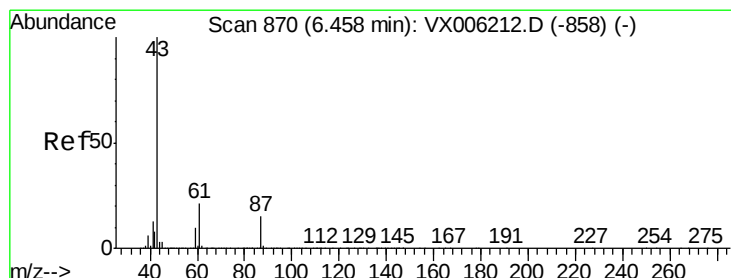
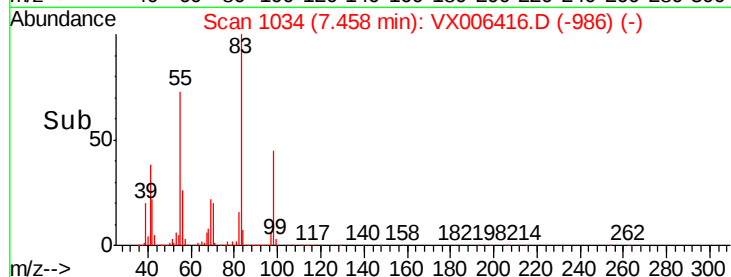
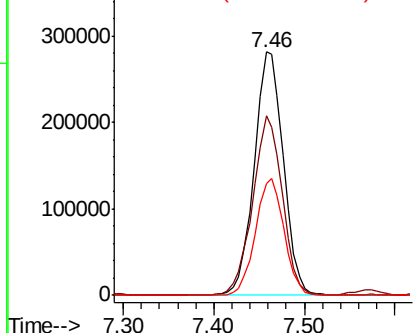
#39
Methylcyclohexane
Concen: 45.331 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

Tgt Ion: 83 Resp: 625370
Ion Ratio Lower Upper
83 100
55 73.5 56.4 84.6
98 45.9 39.0 58.6

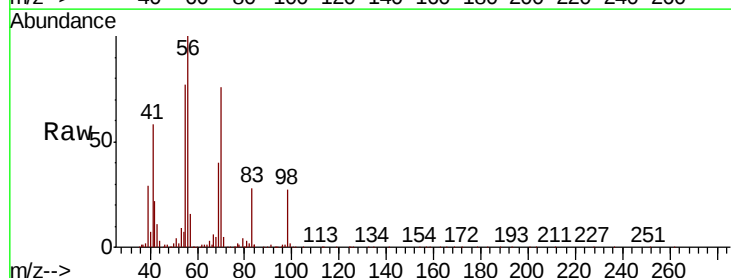


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

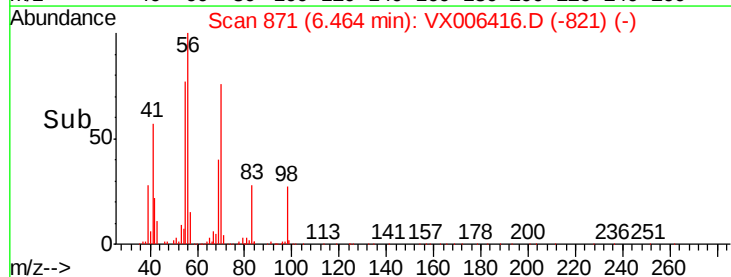
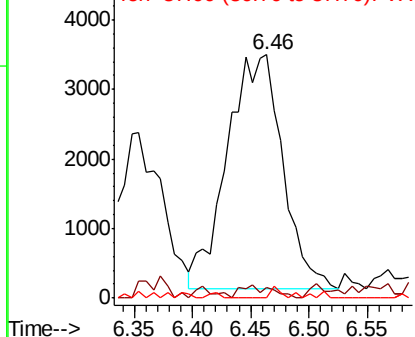


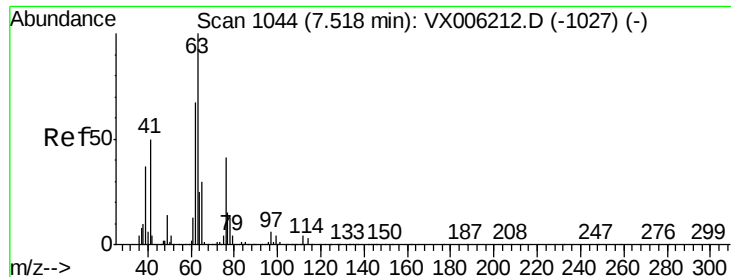
#43
Isopropyl Acetate
Concen: 0.562 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Tgt Ion: 43 Resp: 11150
Ion Ratio Lower Upper
43 100
61 3.2 16.8 25.2#
87 0.9 11.9 17.9#



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





#45

1,2-Dichloropropane

Concen: 0.761 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

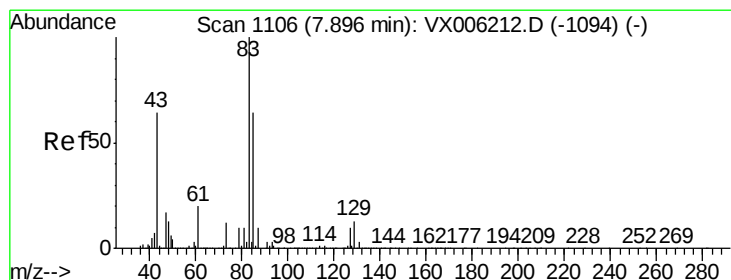
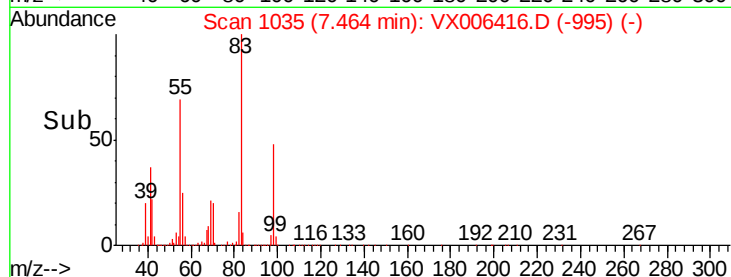
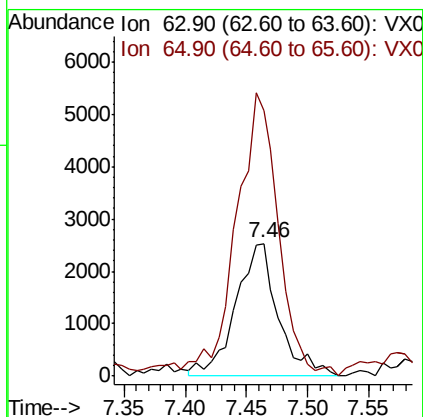
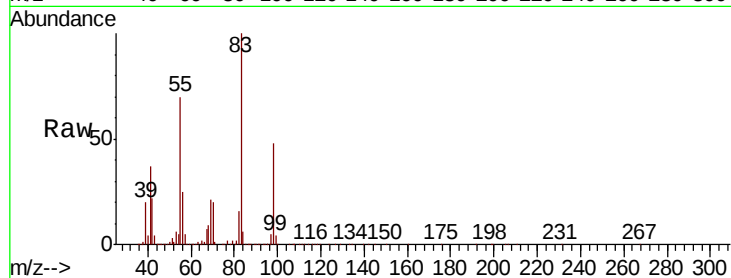
OILY-SOILMEDL

Tgt Ion: 63 Resp: 6159

Ion Ratio Lower Upper

63 100

65 199.9 24.3 36.5#



#47

Bromodichloromethane

Concen: 1.041 ug/l

RT: 7.84 min Scan# 1096

Delta R.T. -0.06 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

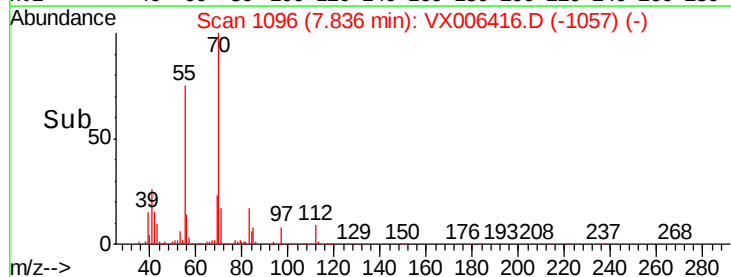
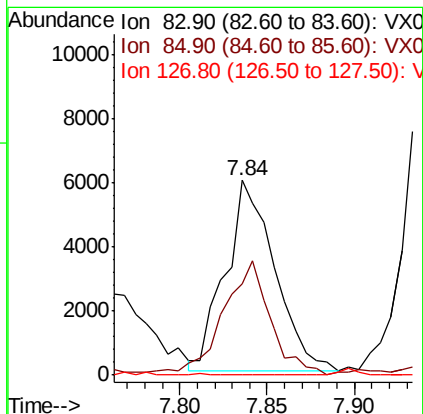
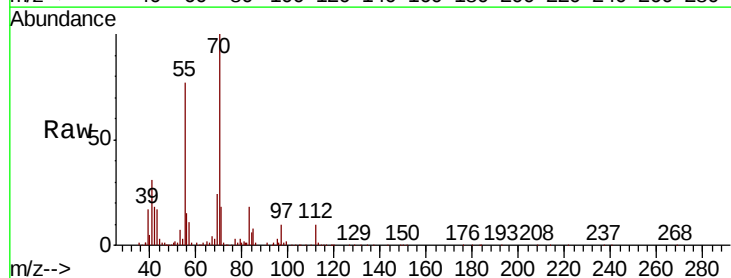
Tgt Ion: 83 Resp: 11782

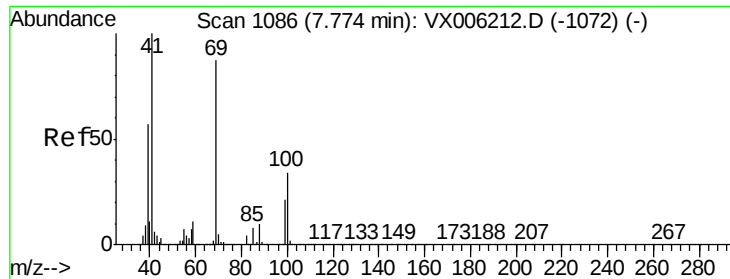
Ion Ratio Lower Upper

83 100

85 47.2 51.4 77.0#

127 0.0 7.9 11.9#

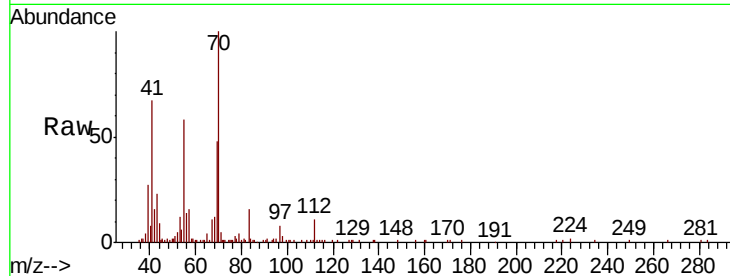




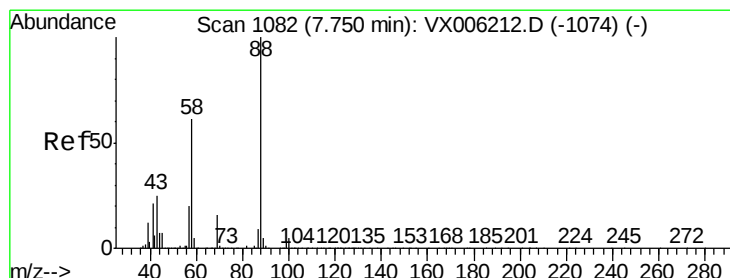
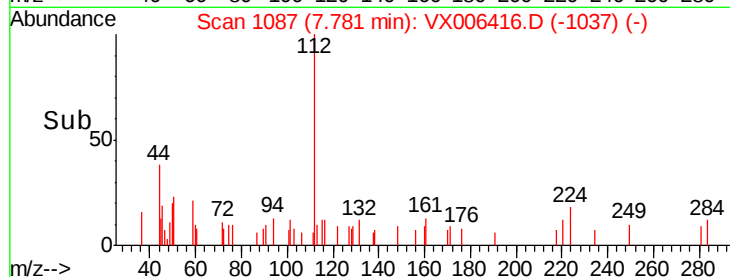
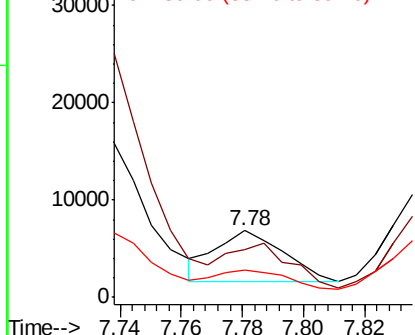
#48
Methyl methacrylate
Concen: 0.822 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

Tgt Ion: 41 Resp: 7939
Ion Ratio Lower Upper
41 100
69 79.9 70.3 105.5
39 42.5 45.3 67.9#

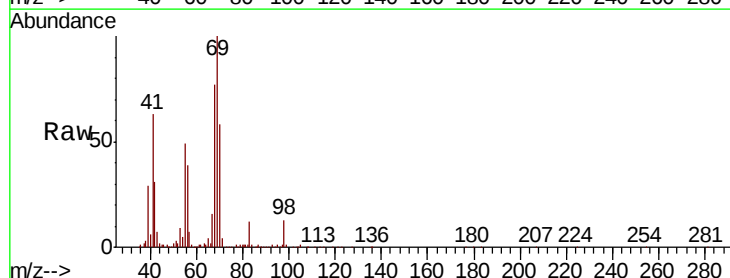


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

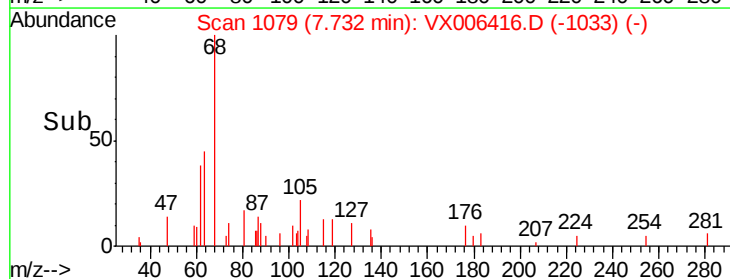
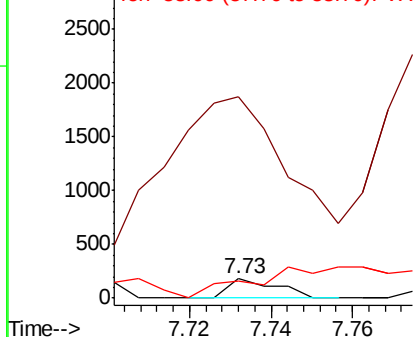


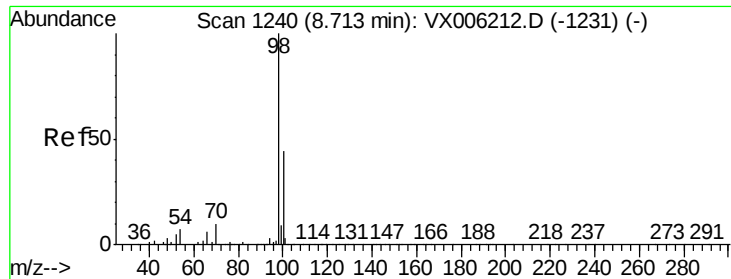
#49
1,4-Dioxane
Concen: 0.609 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Tgt Ion: 88 Resp: 145
Ion Ratio Lower Upper
88 100
43 1747.6 23.2 34.8#
58 0.0 51.4 77.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.422 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

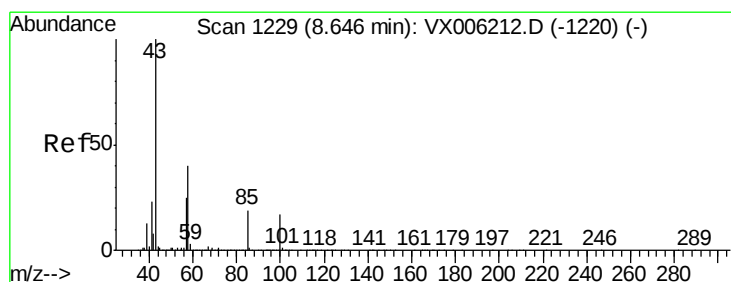
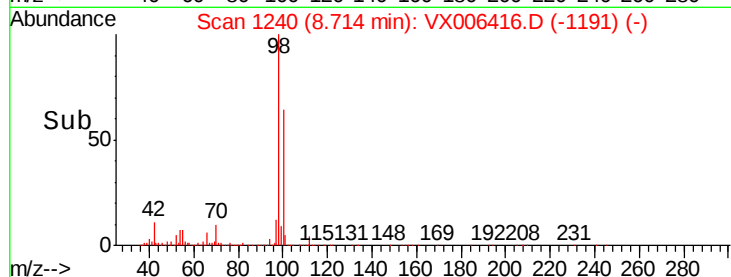
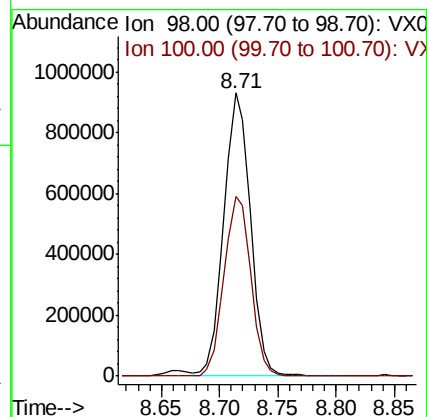
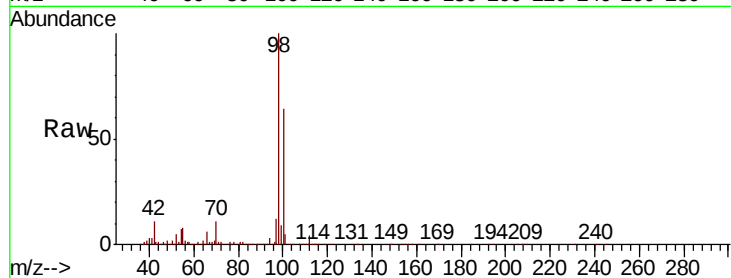
OILY-SOILMEDL

Tgt Ion: 98 Resp: 1468966

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 2.340 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX006416.D

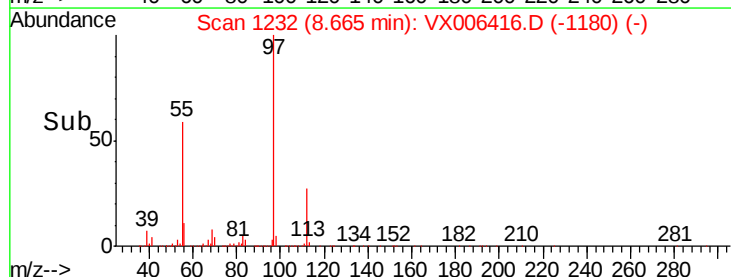
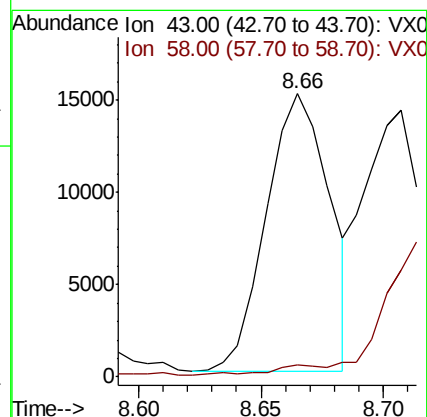
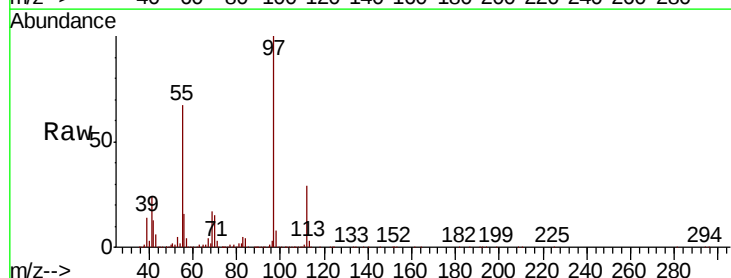
Acq: 11 Dec 2018 13:18

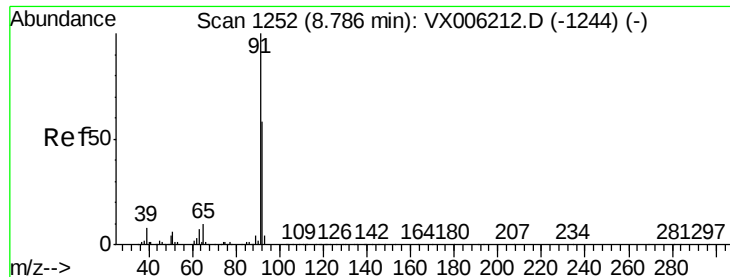
Tgt Ion: 43 Resp: 27035

Ion Ratio Lower Upper

43 100

58 0.0 31.3 46.9#





#52

Toluene

Concen: 1.256 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

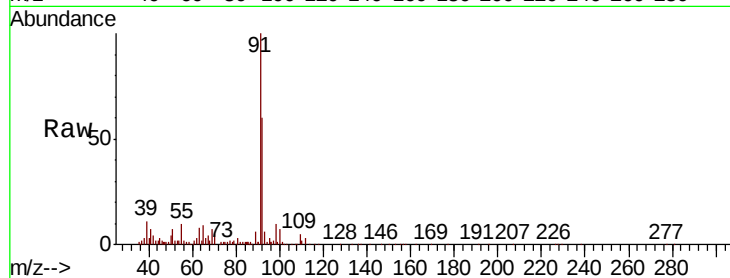
OILY-SOILMEDL

Tgt Ion: 92 Resp: 26313

Ion Ratio Lower Upper

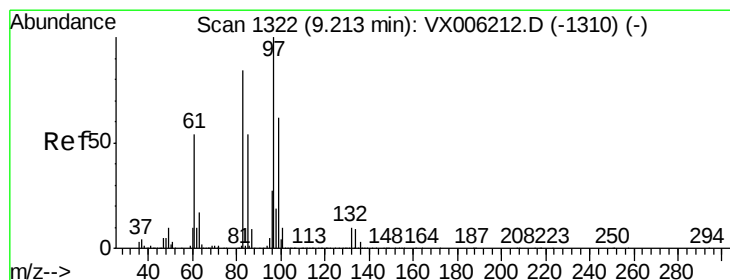
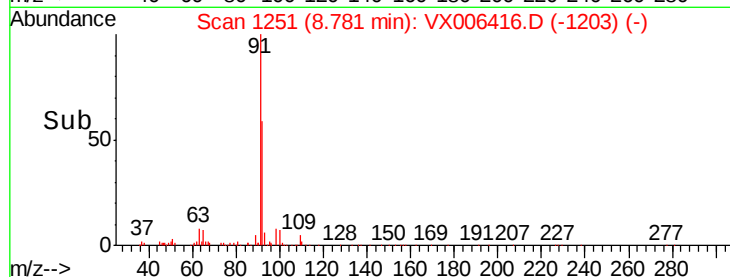
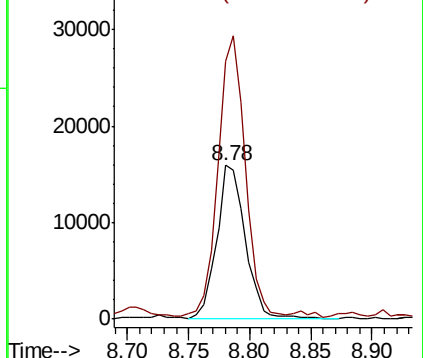
92 100

91 168.8 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.781 ug/l

RT: 9.26 min Scan# 1330

Delta R.T. 0.05 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Tgt Ion: 97 Resp: 6644

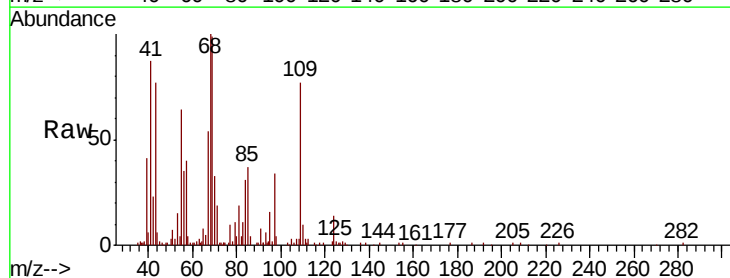
Ion Ratio Lower Upper

97 100

83 21.2 67.1 100.7#

85 120.3 43.2 64.8#

99 0.0 49.8 74.6#

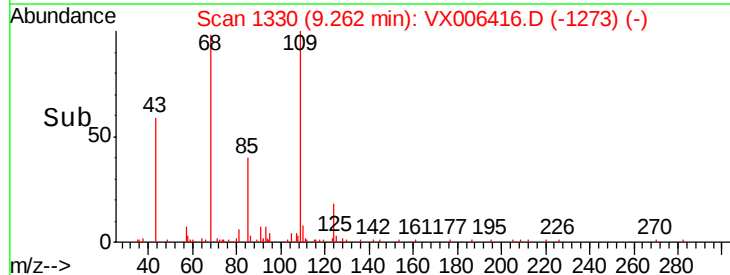
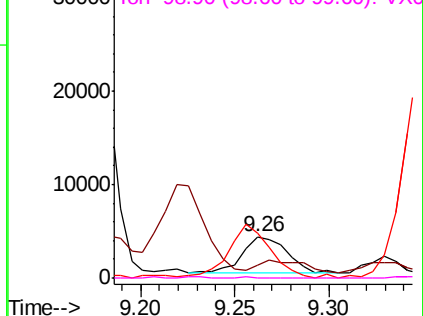


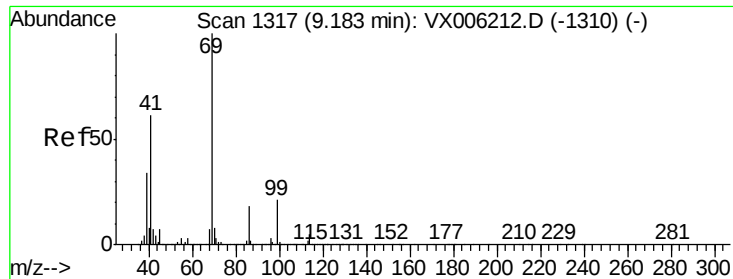
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 3.022 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILMEDL

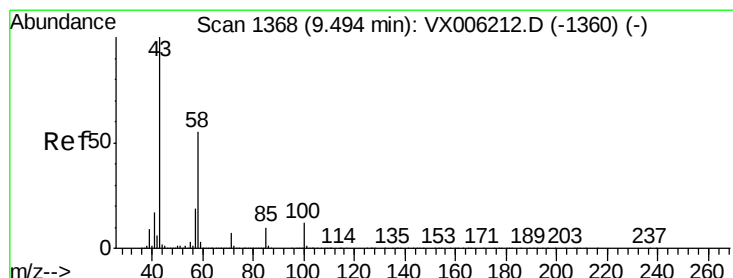
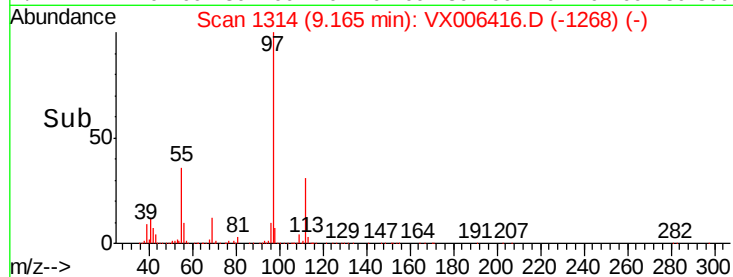
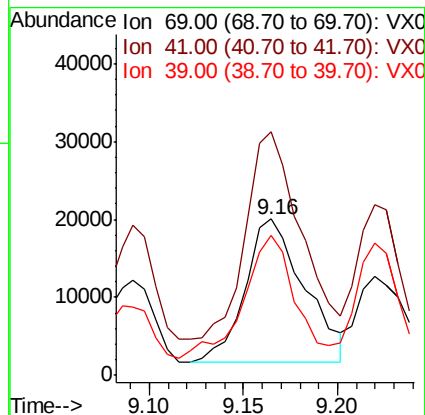
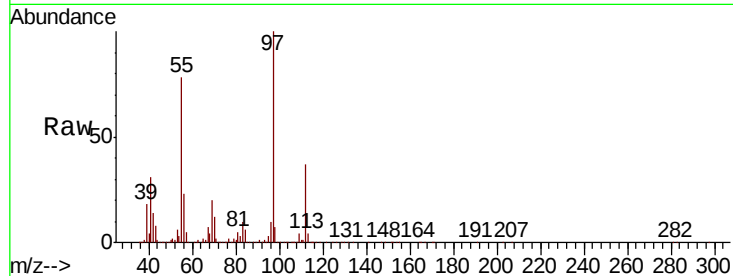
Tgt Ion: 69 Resp: 40190

Ion Ratio Lower Upper

69 100

41 131.8 50.6 76.0#

39 73.9 27.6 41.4#



#59

2-Hexanone

Concen: 18.518 ug/l

RT: 9.45 min Scan# 1360

Delta R.T. -0.05 min

Lab File: VX006416.D

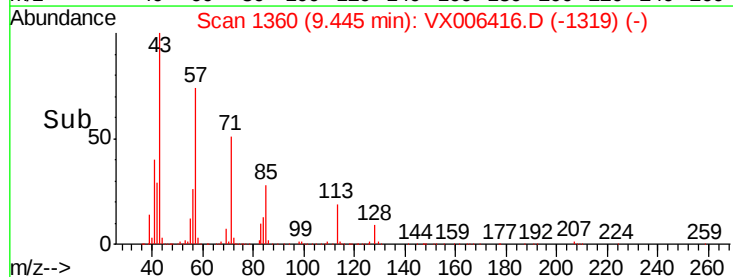
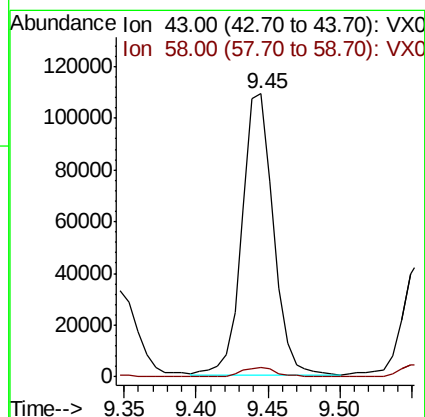
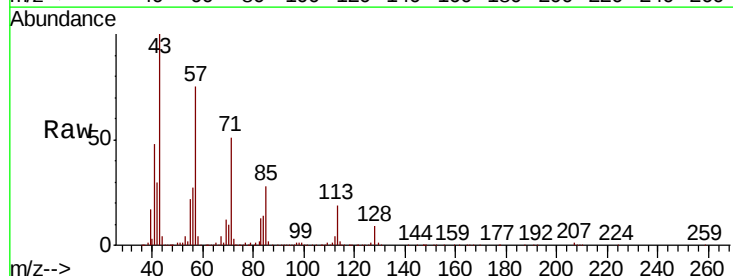
Acq: 11 Dec 2018 13:18

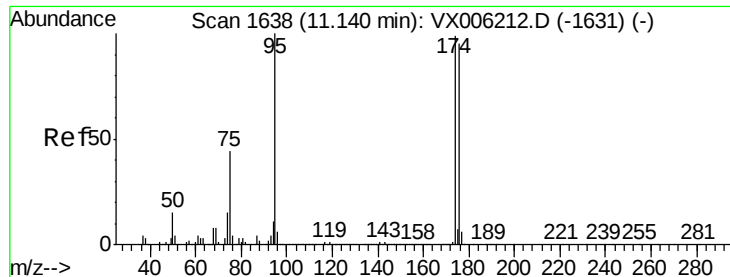
Tgt Ion: 43 Resp: 163434

Ion Ratio Lower Upper

43 100

58 3.4 27.7 83.1#





#62

4-Bromofluorobenzene

Concen: 50.738 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILMEDL

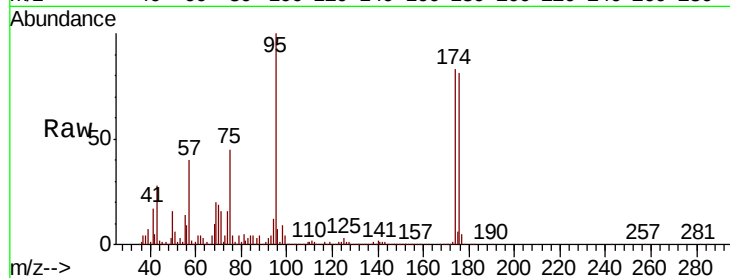
Tgt Ion: 95 Resp: 568295

Ion Ratio Lower Upper

95 100

174 91.8 0.0 187.0

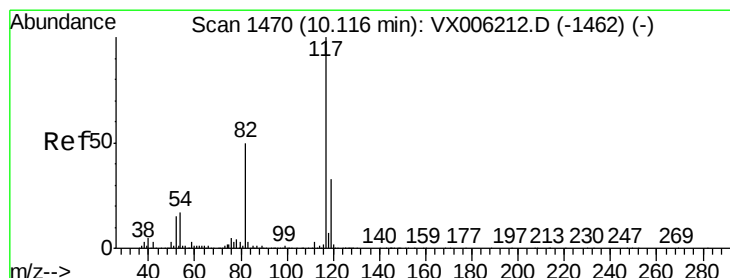
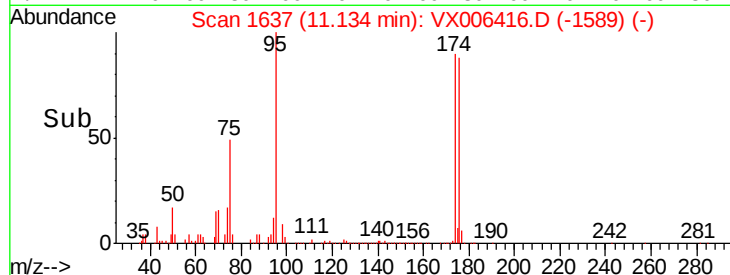
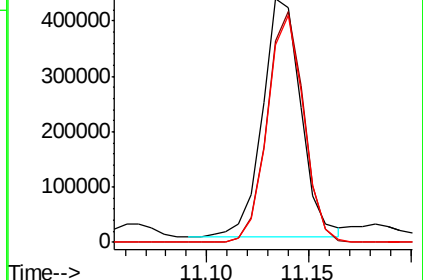
176 90.2 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

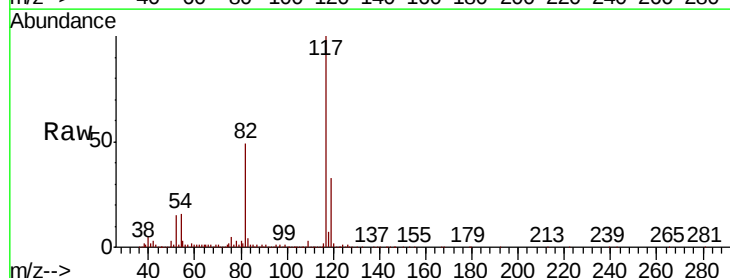
Tgt Ion: 117 Resp: 1162720

Ion Ratio Lower Upper

117 100

82 48.4 39.6 59.4

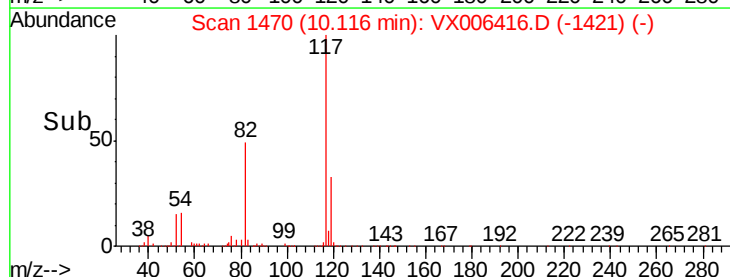
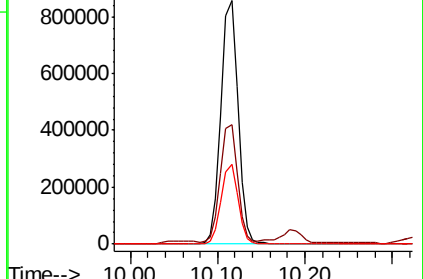
119 32.9 26.3 39.5

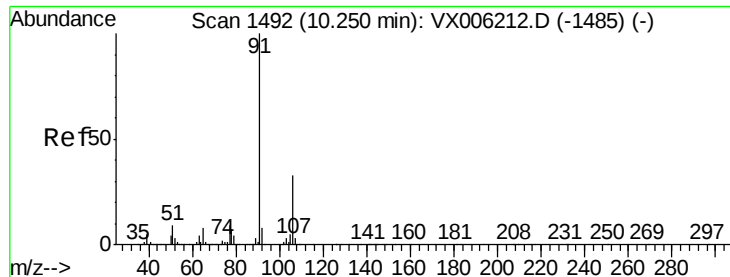


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 1.380 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

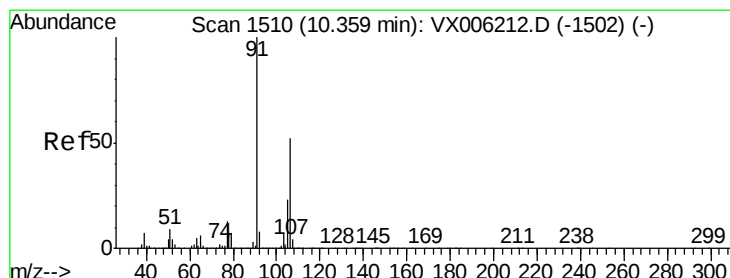
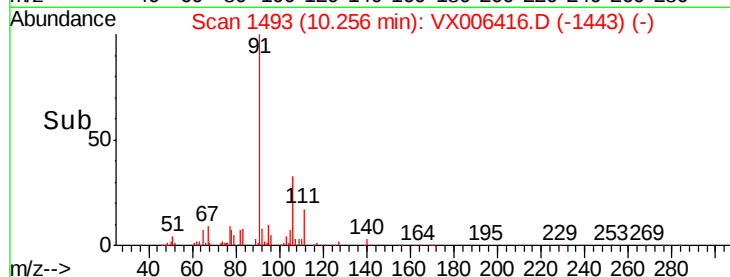
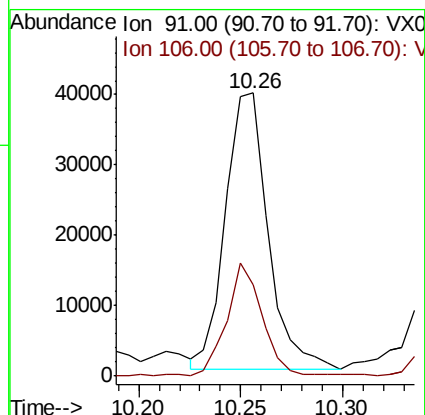
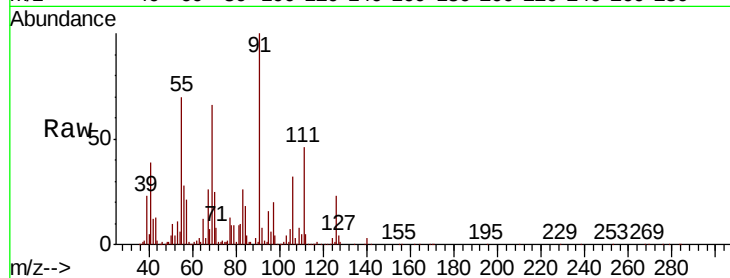
OILY-SOILMEDL

Tgt Ion: 91 Resp: 56657

Ion Ratio Lower Upper

91 100

106 33.1 26.5 39.7



#68

m/p-Xylenes

Concen: 17.801 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006416.D

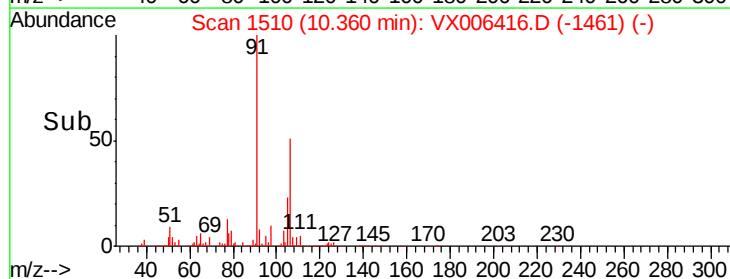
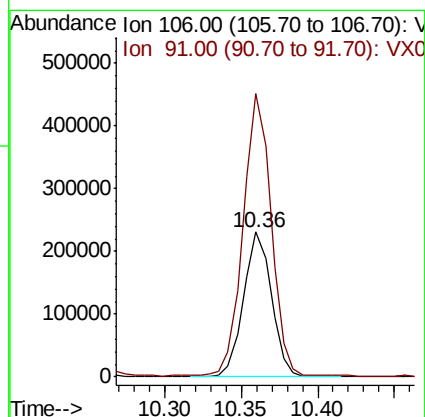
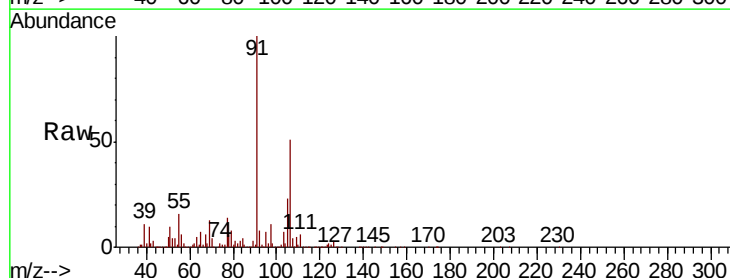
Acq: 11 Dec 2018 13:18

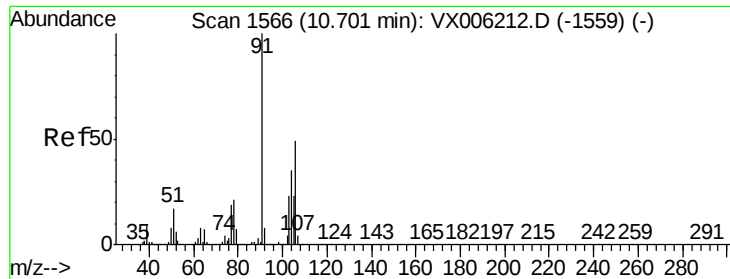
Tgt Ion: 106 Resp: 292721

Ion Ratio Lower Upper

106 100

91 196.5 155.2 232.8

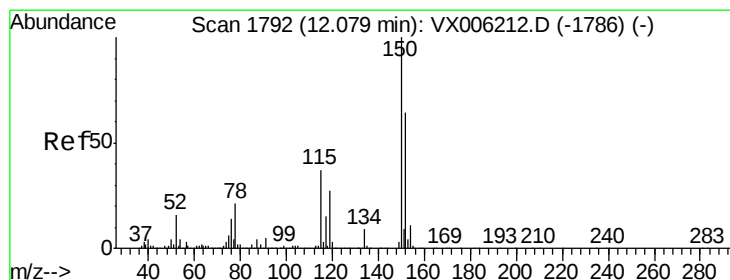
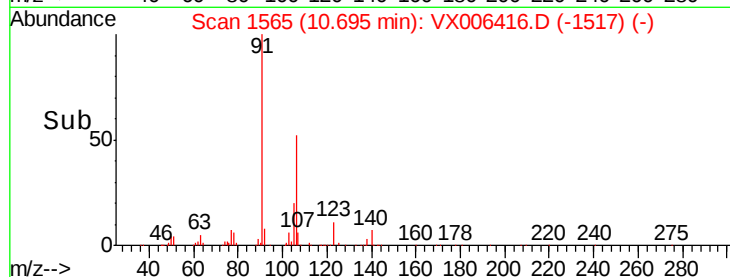
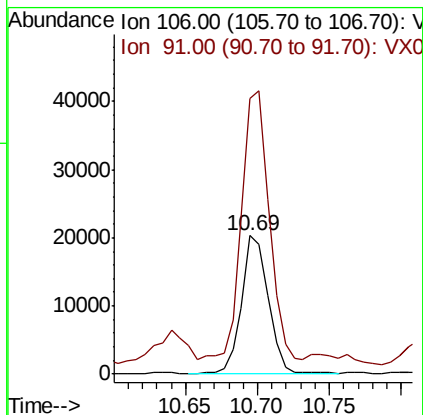
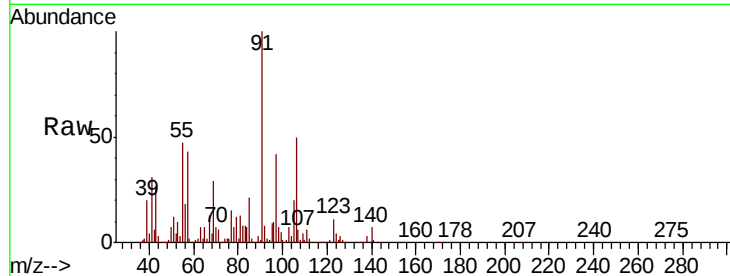




#69
o-Xylene
Concen: 1.603 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

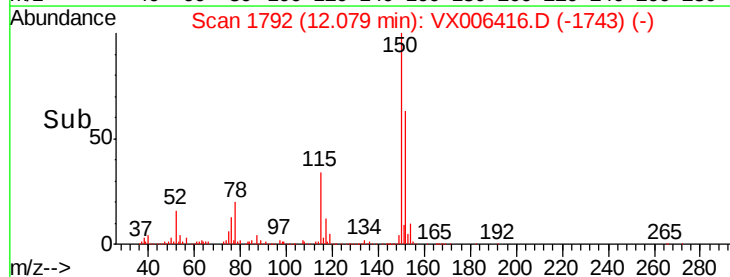
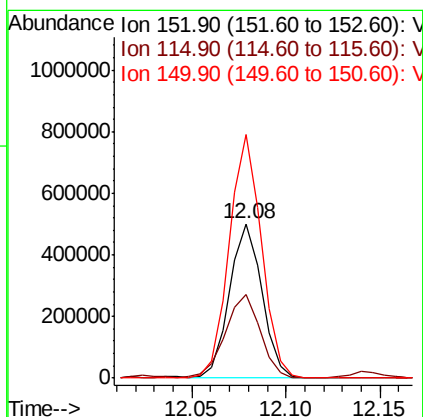
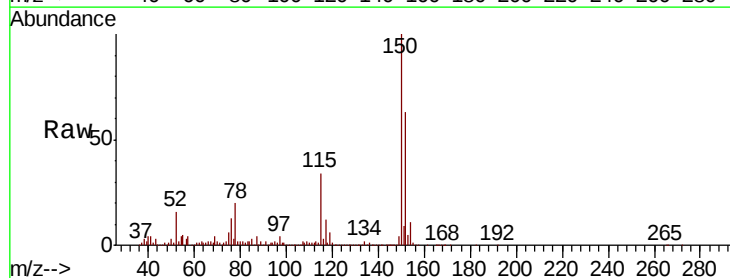
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

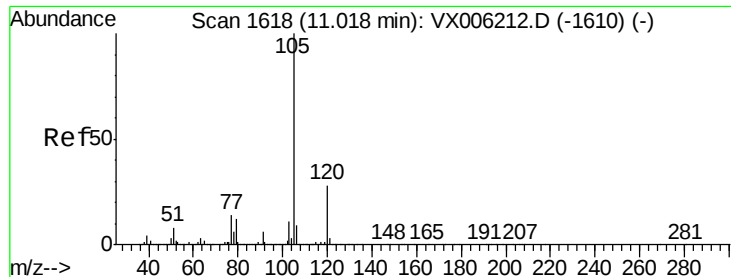
Tgt Ion:106 Resp: 26042
Ion Ratio Lower Upper
106 100
91 200.1 101.8 305.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Tgt Ion:152 Resp: 597169
Ion Ratio Lower Upper
152 100
115 58.2 39.0 116.9
150 156.4 0.0 345.8





#73

Isopropylbenzene

Concen: 2.543 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

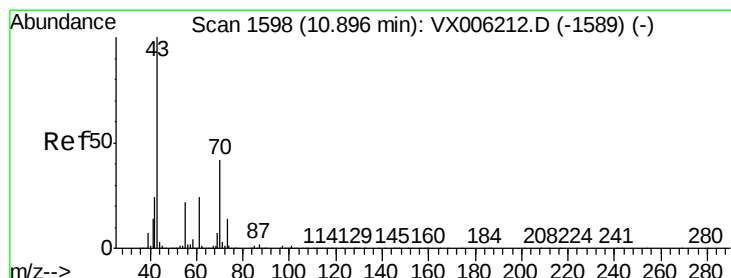
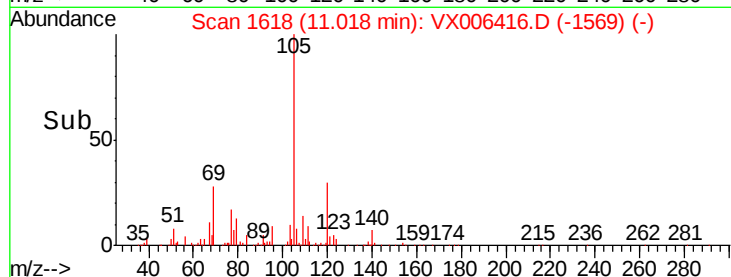
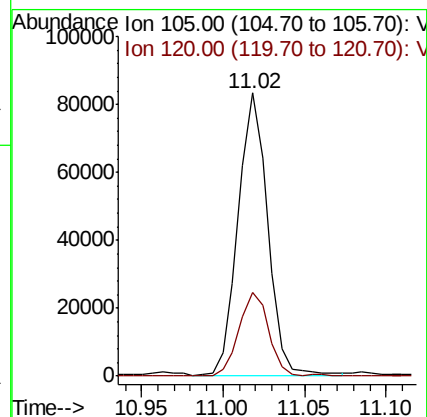
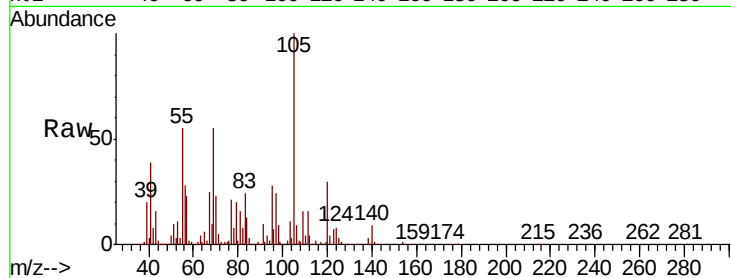
OILY-SOILMEDL

Tgt Ion:105 Resp: 104885

Ion Ratio Lower Upper

105 100

120 29.4 14.1 42.3



#74

N-ethyl acetate

Concen: 4.863 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Tgt Ion: 43 Resp: 86353

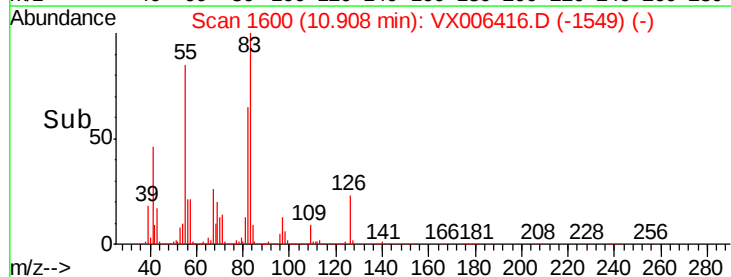
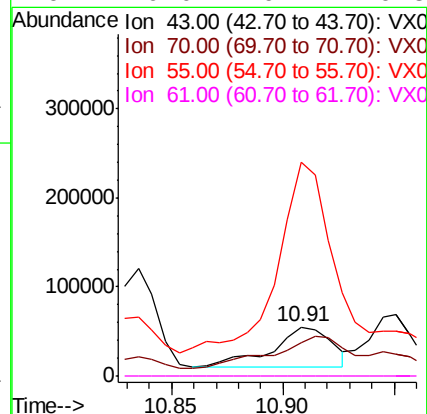
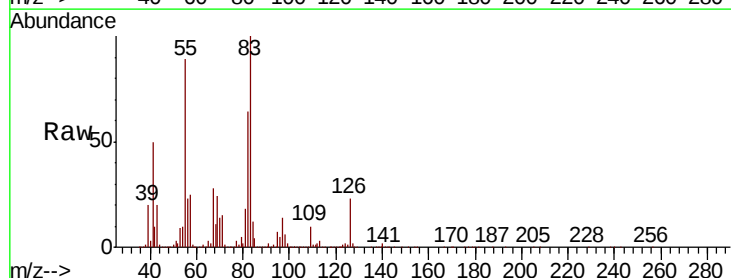
Ion Ratio Lower Upper

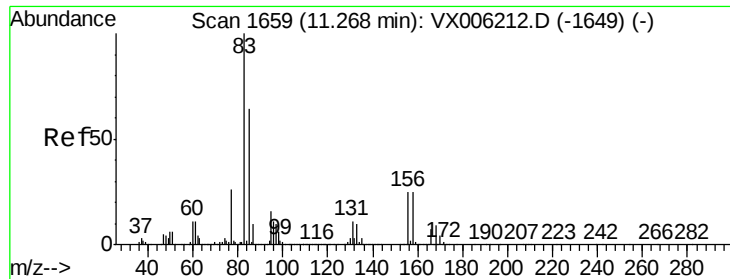
43 100

70 100.4 34.1 51.1#

55 464.1 17.8 26.8#

61 0.0 19.7 29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.647 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILMEDL

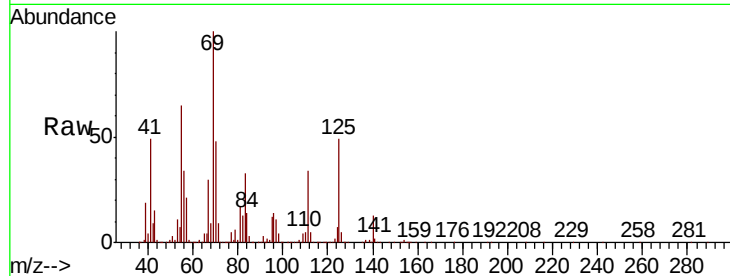
Tgt Ion: 83 Resp: 74504

Ion Ratio Lower Upper

83 100

131 0.1 5.7 17.1#

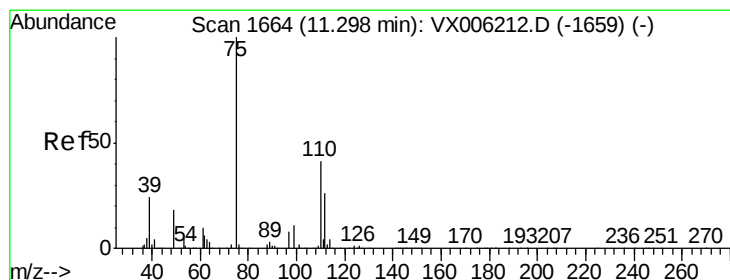
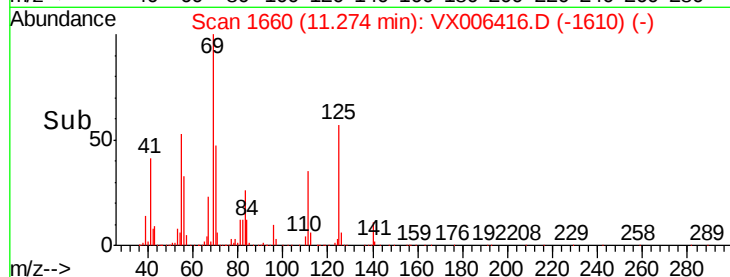
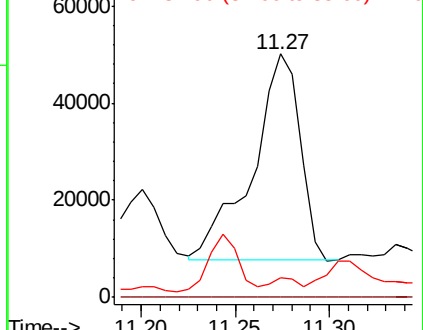
85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.387 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.15 min

Lab File: VX006416.D

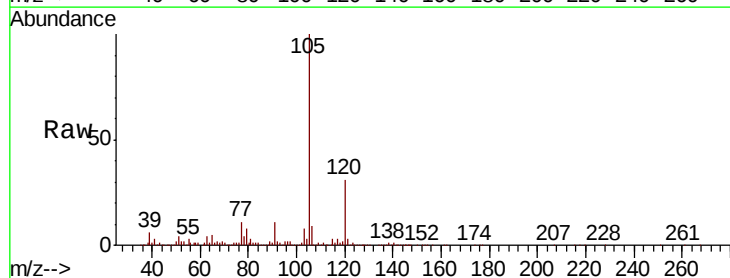
Acq: 11 Dec 2018 13:18

Tgt Ion: 75 Resp: 15992

Ion Ratio Lower Upper

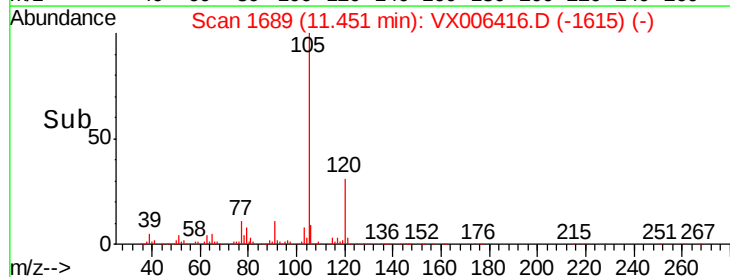
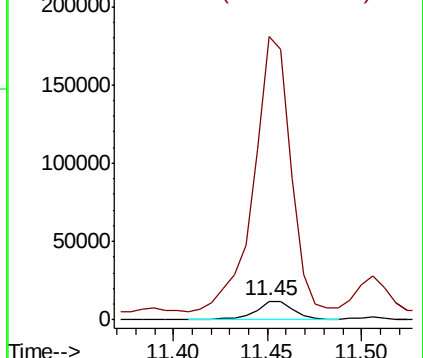
75 100

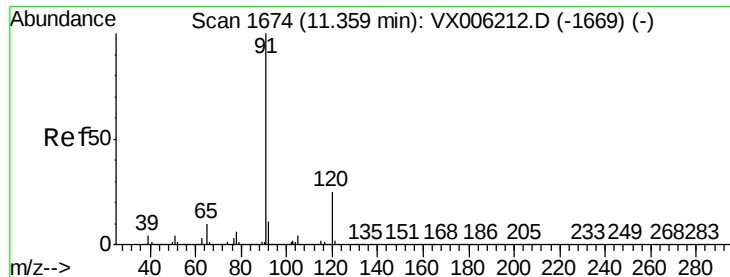
77 1501.0 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.921 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

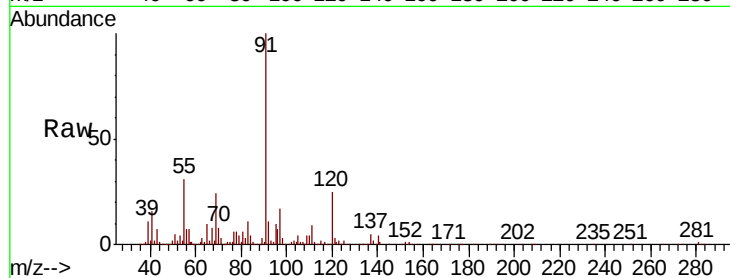
OILY-SOILMEDL

Tgt Ion: 91 Resp: 133906

Ion Ratio Lower Upper

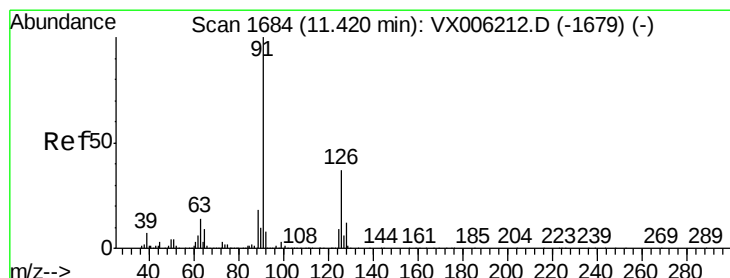
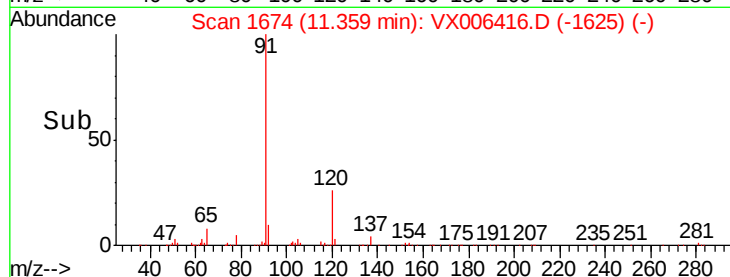
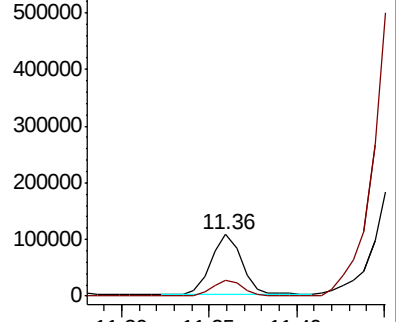
91 100

120 25.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.311 ug/l

RT: 11.18 min Scan# 1645

Delta R.T. -0.24 min

Lab File: VX006416.D

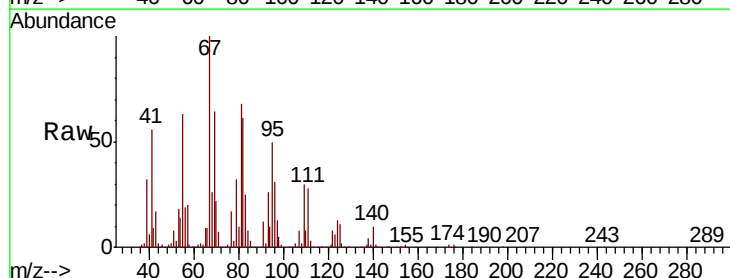
Acq: 11 Dec 2018 13:18

Tgt Ion: 91 Resp: 8465

Ion Ratio Lower Upper

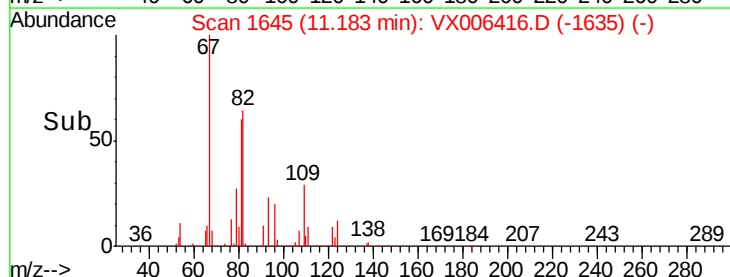
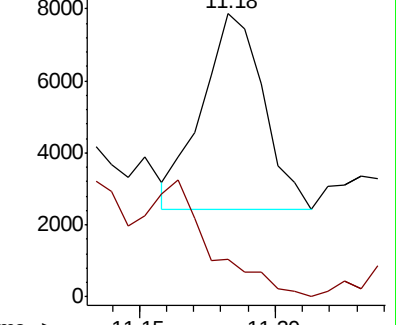
91 100

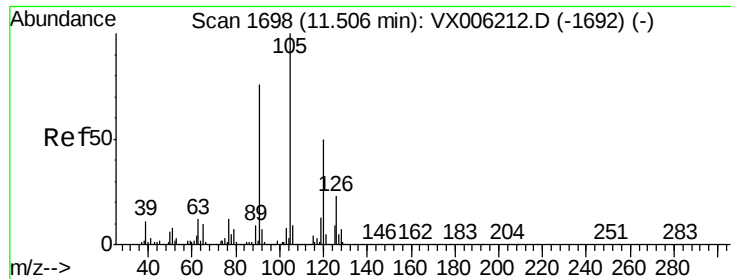
126 52.3 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 6.911 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

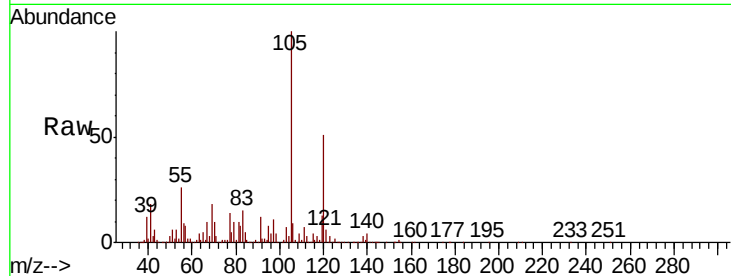
OILY-SOILMEDL

Tgt Ion: 105 Resp: 237147

Ion Ratio Lower Upper

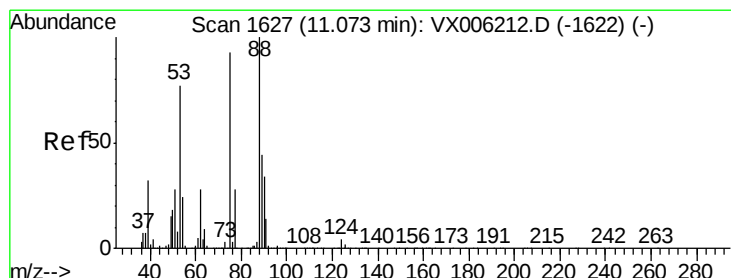
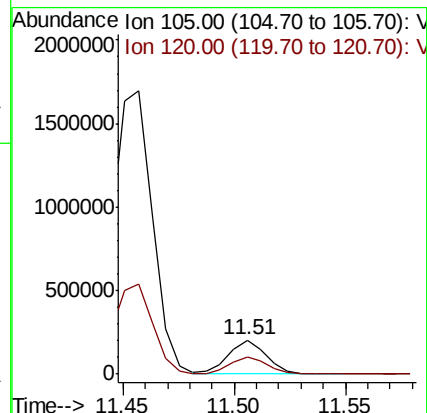
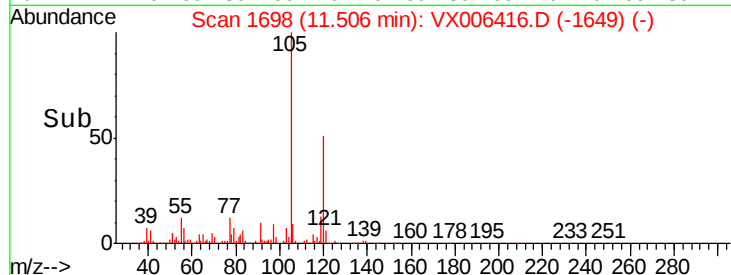
105 100

120 50.9 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 51.408 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

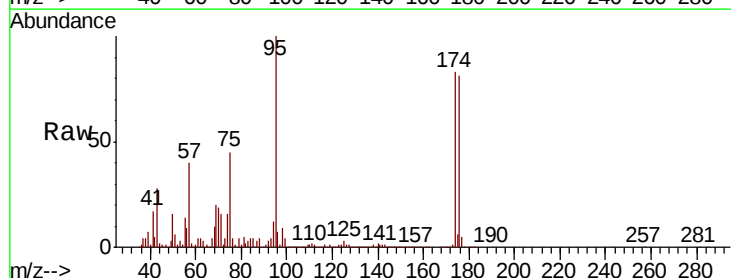
Tgt Ion: 75 Resp: 252500

Ion Ratio Lower Upper

75 100

53 2.7 64.4 96.6#

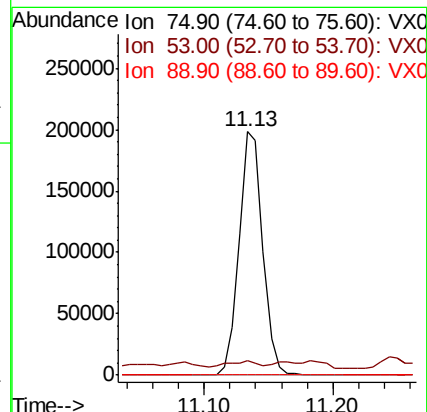
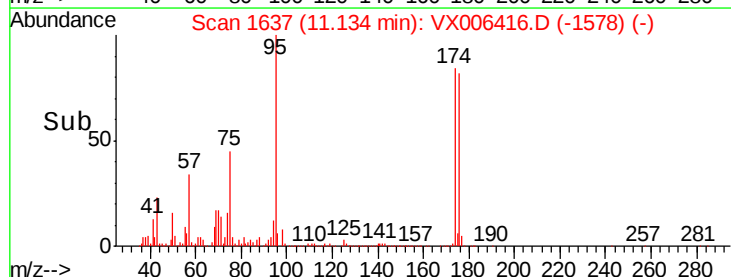
89 0.0 44.2 66.4#

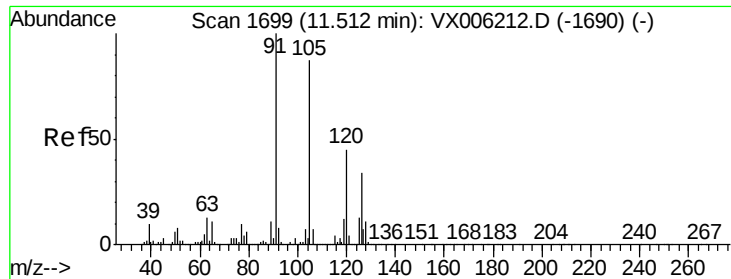


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

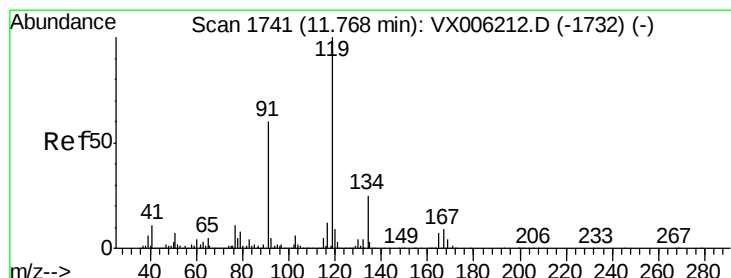
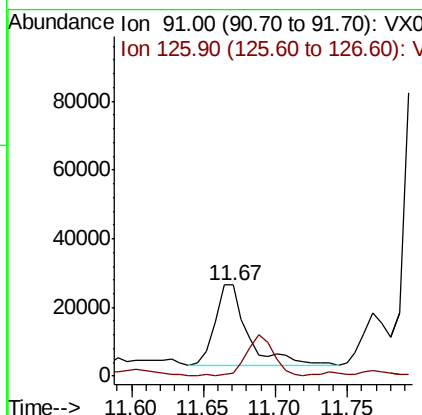
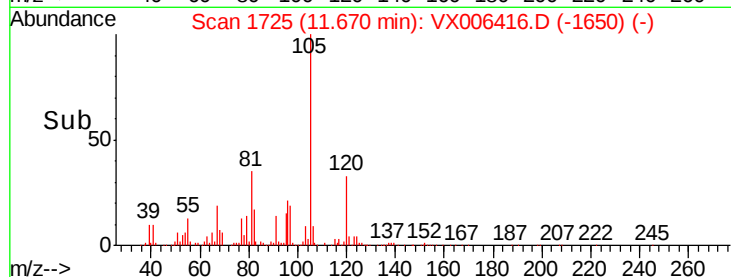
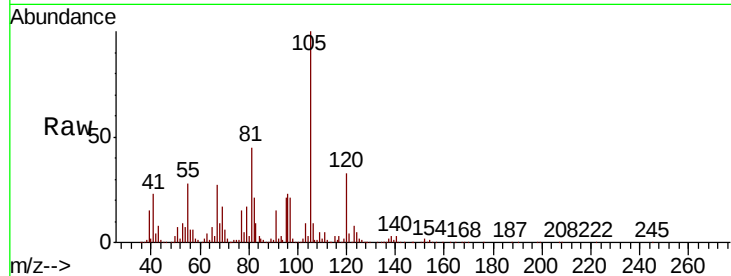




#82
4-Chlorotoluene
Concen: 1.181 ug/l
RT: 11.67 min Scan# 1725
Delta R.T. 0.16 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

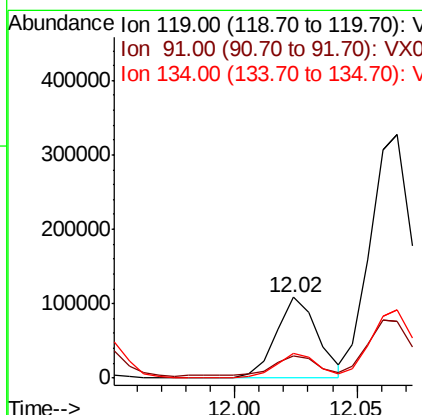
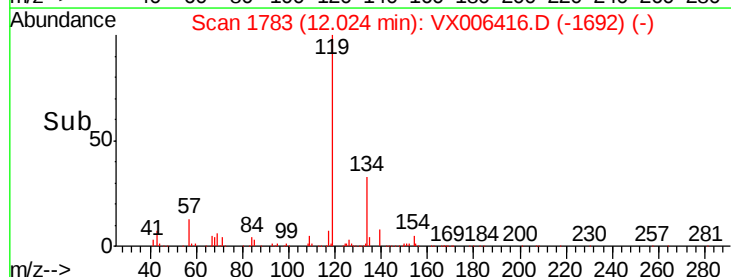
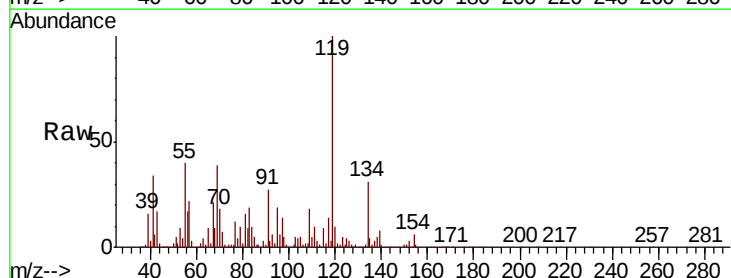
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

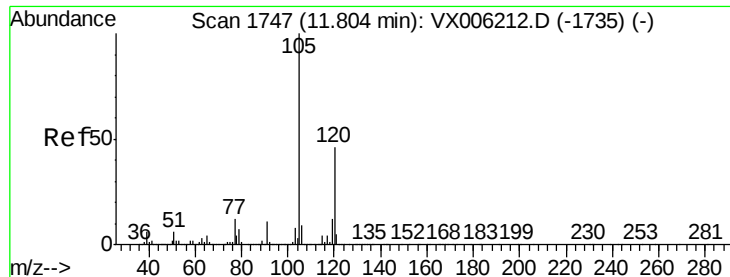
Tgt Ion: 91 Resp: 37401
Ion Ratio Lower Upper
91 100
126 40.0 16.4 49.4



#83
tert-Butylbenzene
Concen: 3.484 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.26 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Tgt Ion: 119 Resp: 127551
Ion Ratio Lower Upper
119 100
91 28.4 26.4 79.2
134 30.7 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 169.376 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006416.D

Acq: 11 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

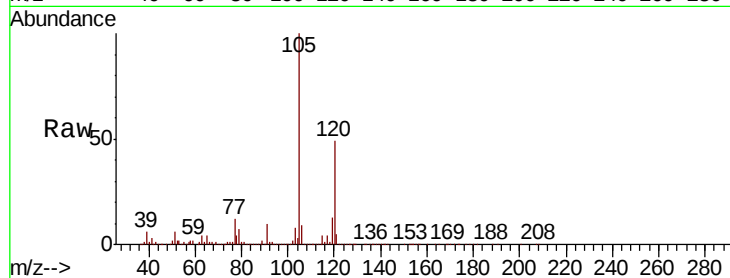
OILY-SOILMEDL

Tgt Ion:105 Resp: 6001139

Ion Ratio Lower Upper

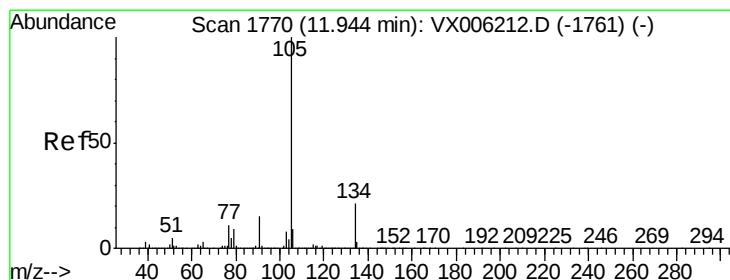
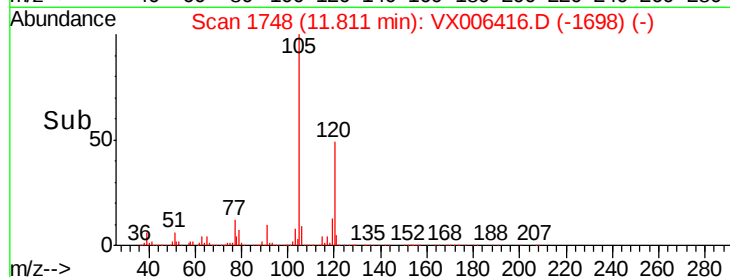
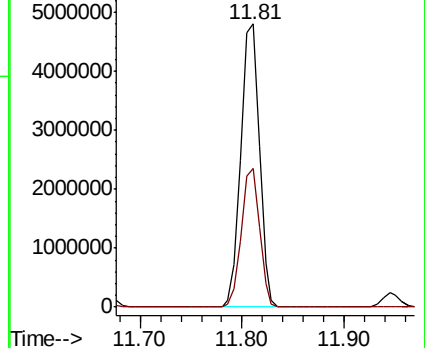
105 100

120 48.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.159 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006416.D

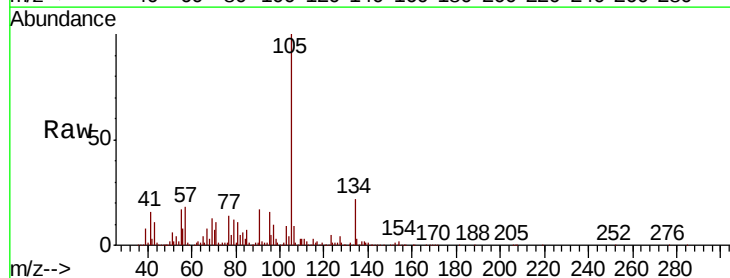
Acq: 11 Dec 2018 13:18

Tgt Ion:105 Resp: 298160

Ion Ratio Lower Upper

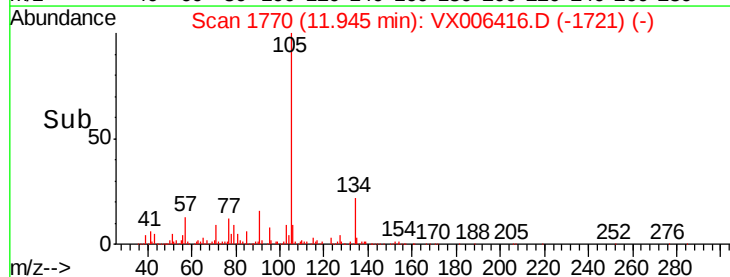
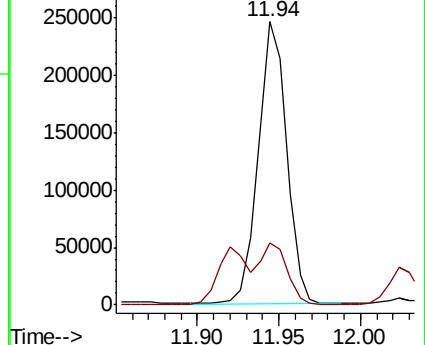
105 100

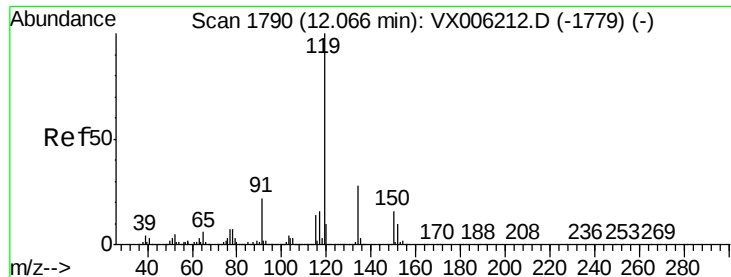
134 21.1 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

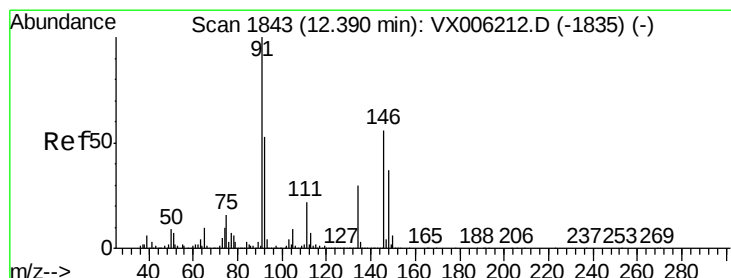
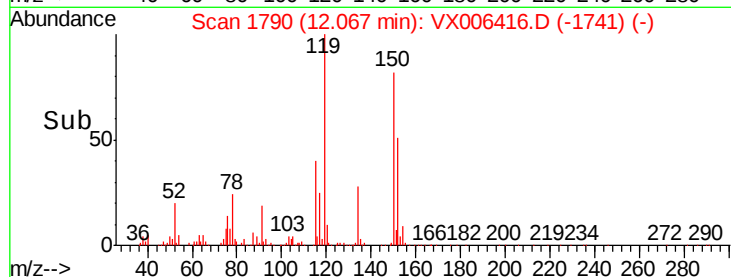
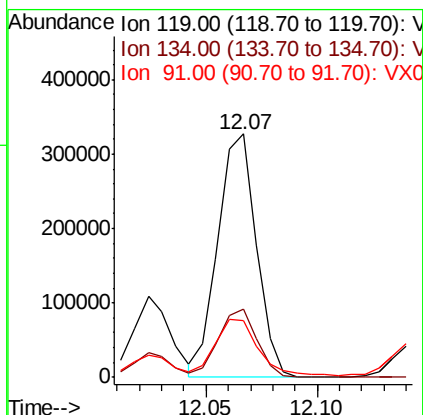
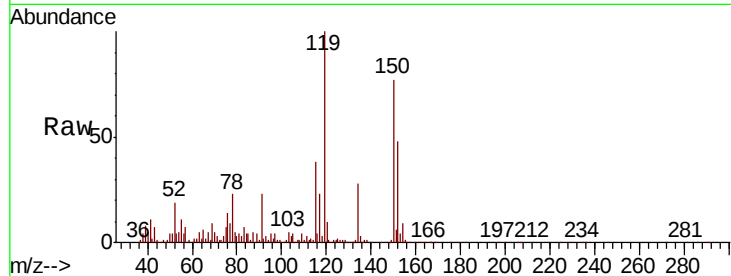




#86
p-Isopropyltoluene
Concen: 10.454 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

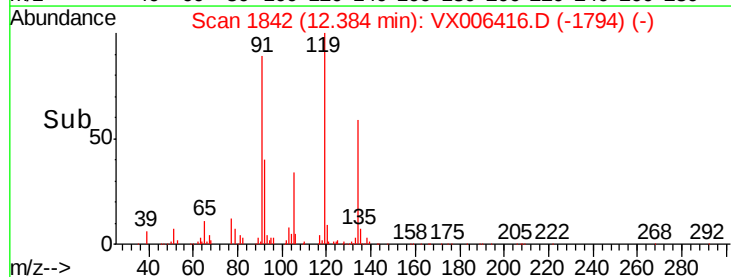
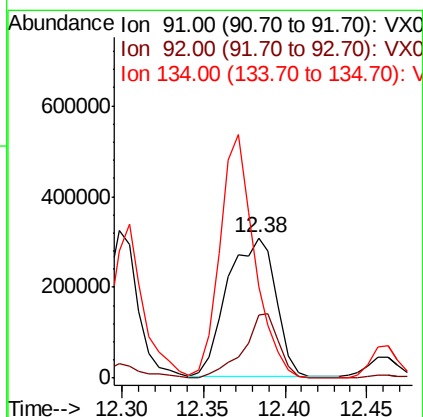
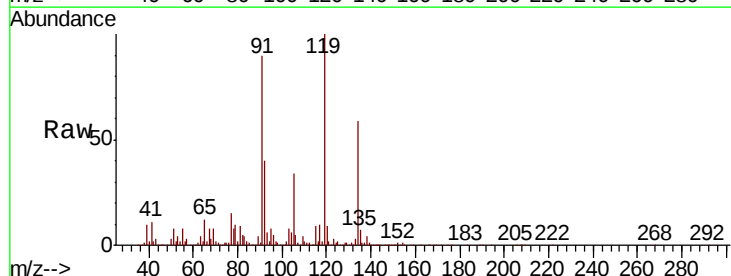
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

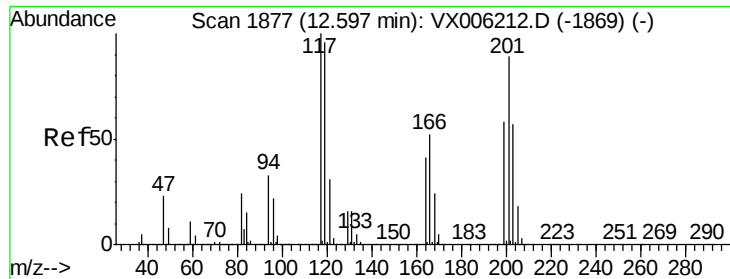
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.9	41.6
91	24.9	11.3	33.8



#89
n-Butylbenzene
Concen: 19.737 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	33.1	26.6	79.8
134	125.2	14.8	44.3#

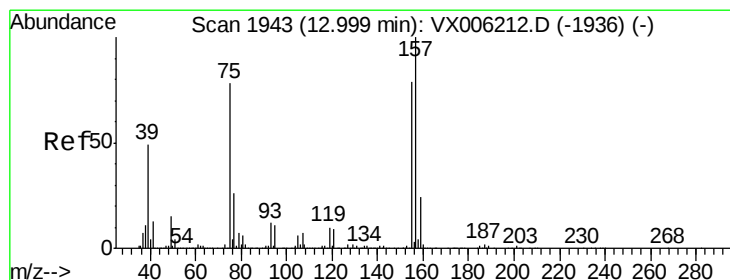
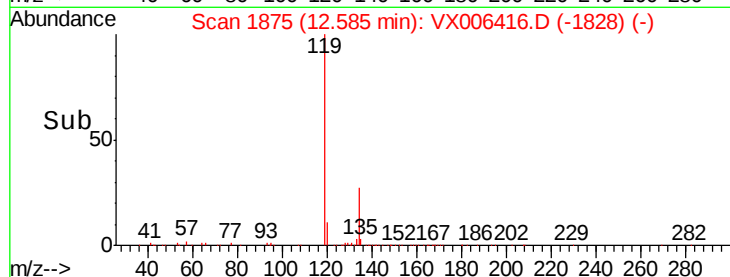
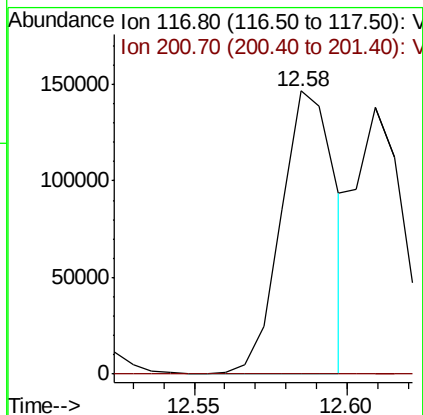
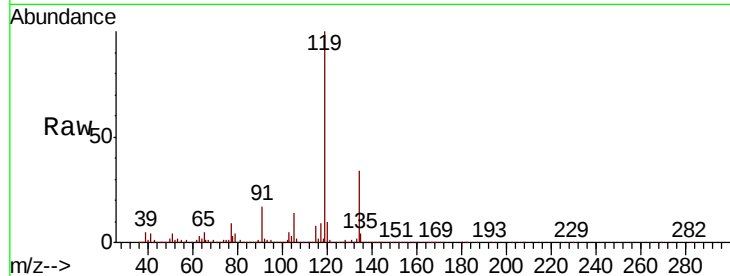




#90
Hexachloroethane
Concen: 23.565 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

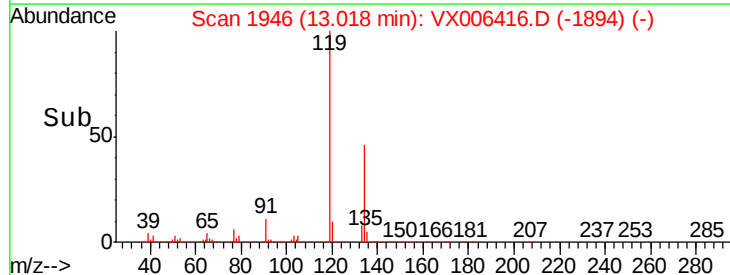
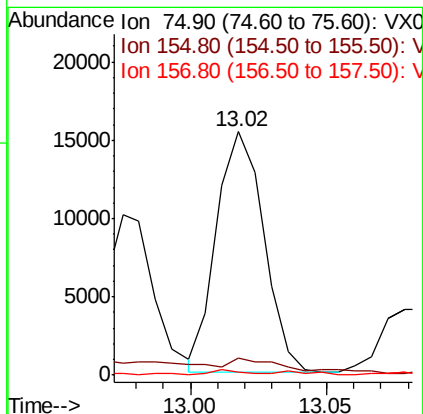
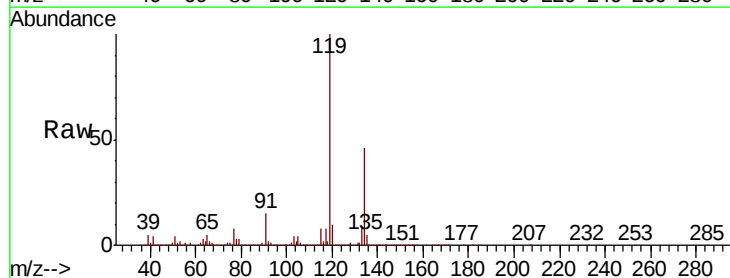
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

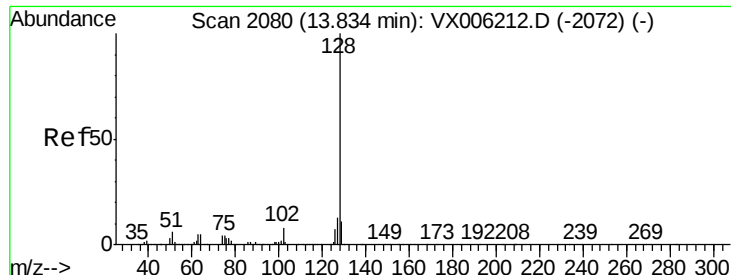
Tgt Ion: 117 Resp: 180127
Ion Ratio Lower Upper
117 100
201 0.0 44.7 134.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.495 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Tgt Ion: 75 Resp: 18584
Ion Ratio Lower Upper
75 100
155 7.6 53.4 160.3#
157 1.4 68.0 203.8#





#95
Naphthalene
Concen: 20.514 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006416.D
Acq: 11 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILMEDL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	15.5	8.9	13.3

