

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008074.D
 Acq On : 14 Mar 2019 16:46
 Operator : JC/SP
 Sample : K1895-01ME
 Misc : 4.70uL/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOILME

Quant Time: Mar 15 04:25:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216002	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	128523	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
35) Dibromofluoromethane	5.50	113	119367	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	481679	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.14	95	195008	57.24	ug/l	0.00
Spiked Amount			Recovery	=	114.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	980	0.399	ug/l	97
5) Bromomethane	1.64	94	931	Below Cal		93
6) Chloroethane	1.70	64	86	Below Cal	#	49
11) Tert butyl alcohol	3.03	59	403	0.794	ug/l #	73
15) Acrylonitrile	3.13	53	612	0.495	ug/l #	29
16) Acetone	2.42	43	270	0.218	ug/l #	43
18) Methyl Acetate	2.81	43	6586	2.457	ug/l #	64
20) Methylene Chloride	2.84	84	532	0.240	ug/l #	64
29) Tetrahydrofuran	5.19	42	324	0.273	ug/l #	43
30) Chloroform	5.25	83	1277	0.320	ug/l #	35
31) Cyclohexane	5.57	56	28710	7.644	ug/l #	80
36) 1,1-Dichloropropene	5.66	75	15295	4.715	ug/l #	49
38) Carbon Tetrachloride	5.66	117	21397	6.853	ug/l #	16
39) Methylcyclohexane	7.45	83	88668	21.385	ug/l	98
41) Methacrylonitrile	5.04	41	446	0.220	ug/l #	49
43) Isopropyl Acetate	6.45	43	2346	0.418	ug/l #	60
45) 1,2-Dichloropropane	7.45	63	754	0.288	ug/l #	1
47) Bromodichloromethane	7.84	83	1549	0.496	ug/l #	33
48) Methyl methacrylate	7.73	41	5089	1.736	ug/l #	42
51) 4-Methyl-2-Pentanone	8.66	43	6591	1.781	ug/l #	36
55) 1,1,2-Trichloroethane	9.27	97	982	0.382	ug/l #	23
56) Ethyl methacrylate	9.16	69	5544	1.459	ug/l #	1
59) 2-Hexanone	9.44	43	27330	9.444	ug/l #	29
67) Ethyl Benzene	10.25	91	12063	0.942	ug/l	96
68) m/p-Xylenes	10.36	106	22770	4.645	ug/l	100
69) o-Xylene	10.70	106	18214	3.812	ug/l	98
70) Styrene	10.71	104	1710	0.218	ug/l #	1
73) Isopropylbenzene	11.02	105	11338	0.820	ug/l	98
74) N-amyl acetate	10.91	43	16058	2.752	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	7331	1.617	ug/l #	26
76) 1,2,3-Trichloropropane	11.46	75	3247	0.866	ug/l #	1
78) n-propylbenzene	11.36	91	28424	1.873	ug/l	99
79) 2-Chlorotoluene	11.45	91	44851	4.839	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	336294	29.499	ug/l	99

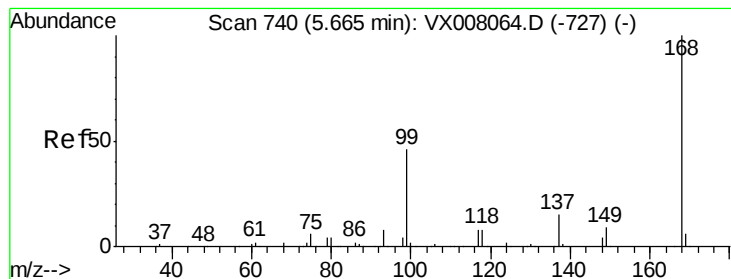
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
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 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	85809	65.092	ug/l #	11
82) 4-Chlorotoluene	11.51	91	33445	3.150	ug/l #	45
83) tert-Butylbenzene	11.81	119	30594	2.678	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.80	105	235439	20.022	ug/l	98
85) sec-Butylbenzene	11.94	105	17966	1.320	ug/l #	55
86) p-Isopropyltoluene	12.07	119	18918	1.537	ug/l	94
89) n-Butylbenzene	12.37	91	143390	13.921	ug/l #	1
90) Hexachloroethane	12.58	117	24453	12.412	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2600	2.837	ug/l #	5
95) Naphthalene	13.83	128	54227	4.083	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.04	180	1916	0.412	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

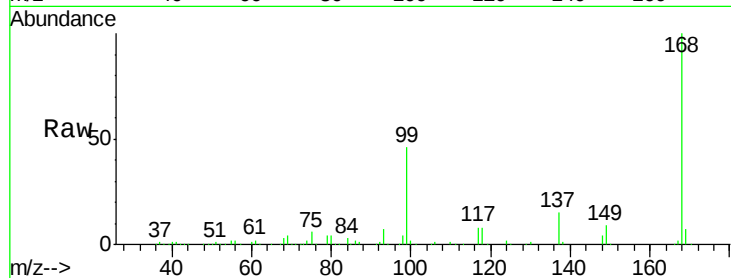
OILY-SOILME

Tot Ion:168 Resp: 260390

Ion Ratio Lower Upper

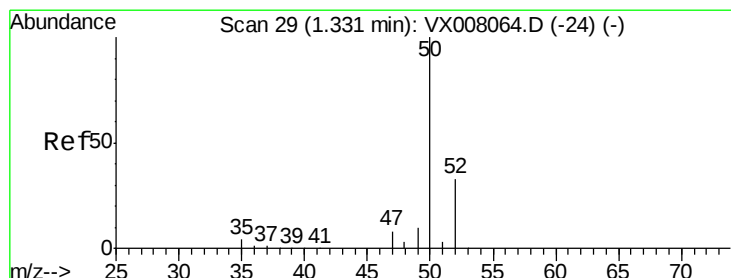
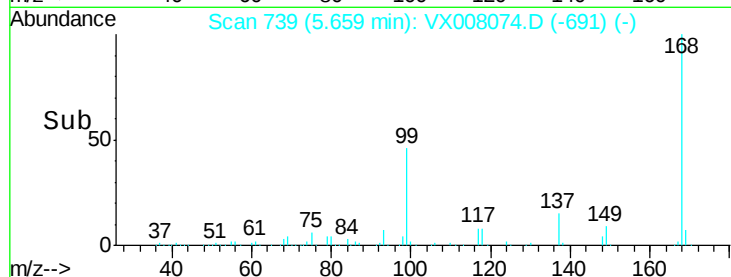
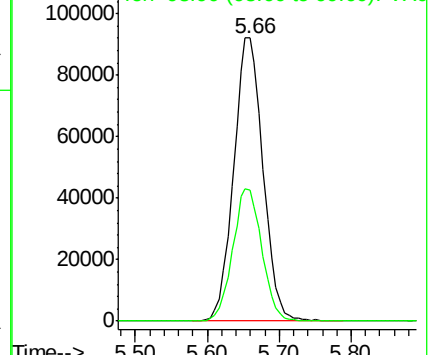
168 100

99 46.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.399 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008074.D

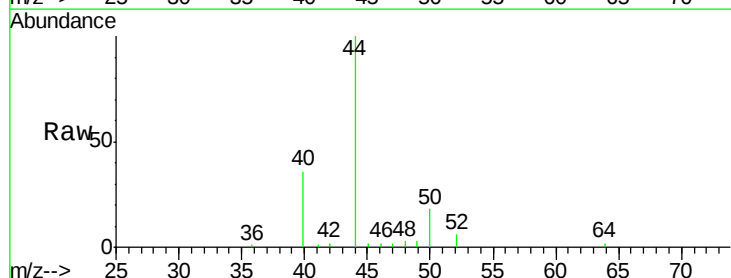
Acq: 14 Mar 2019 16:46

Tgt Ion: 50 Resp: 980

Ion Ratio Lower Upper

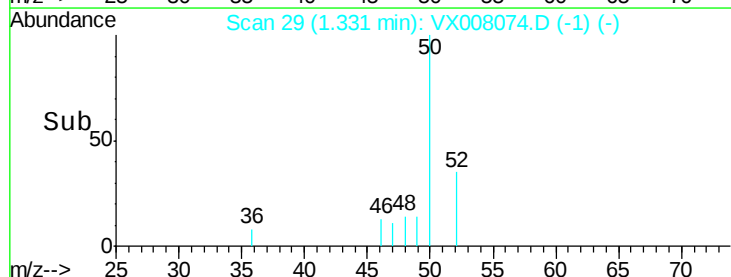
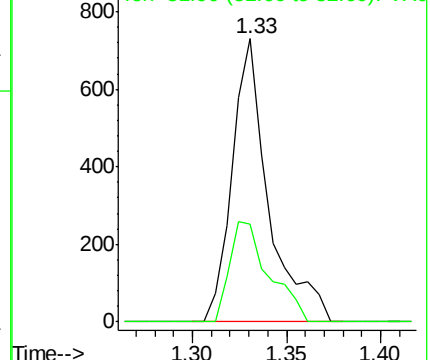
50 100

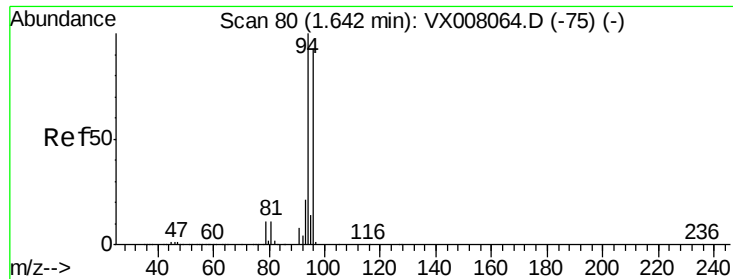
52 34.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

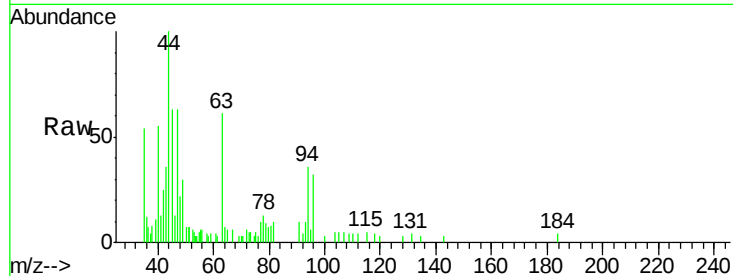
OILY-SOILME

Tot Ion: 94 Resp: 931

Ion Ratio Lower Upper

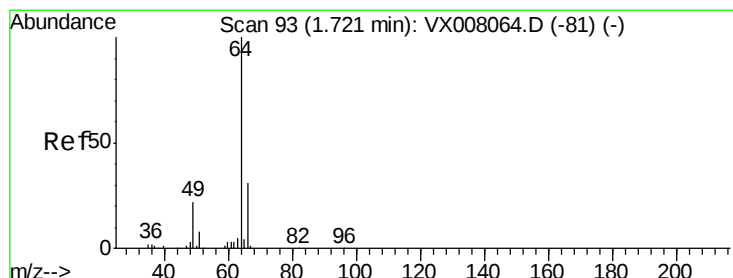
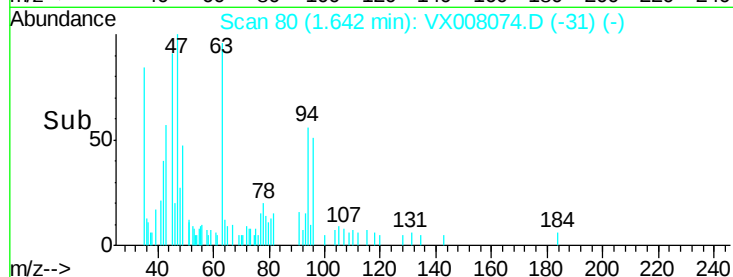
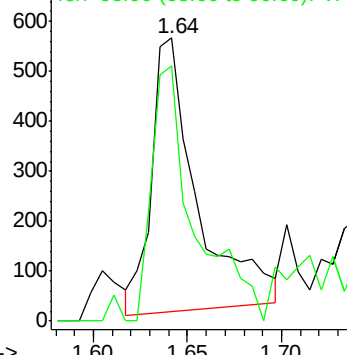
94 100

96 101.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX008074.D

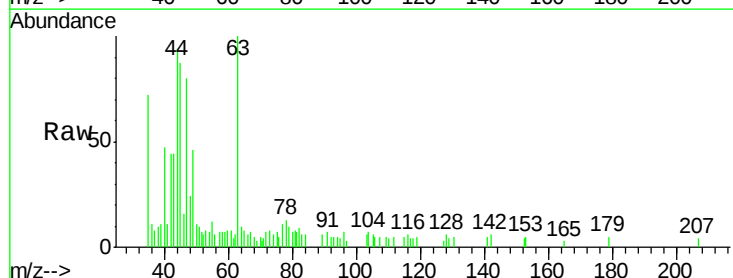
Acq: 14 Mar 2019 16:46

Tgt Ion: 64 Resp: 86

Ion Ratio Lower Upper

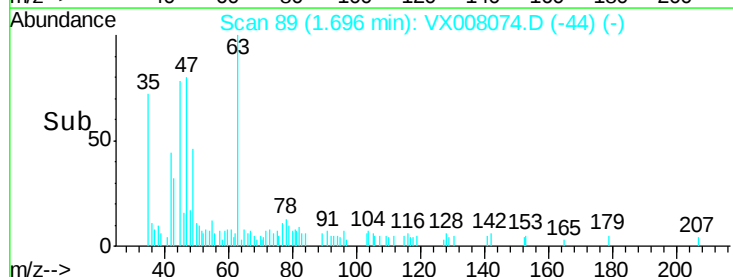
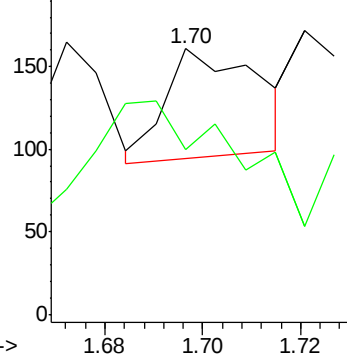
64 100

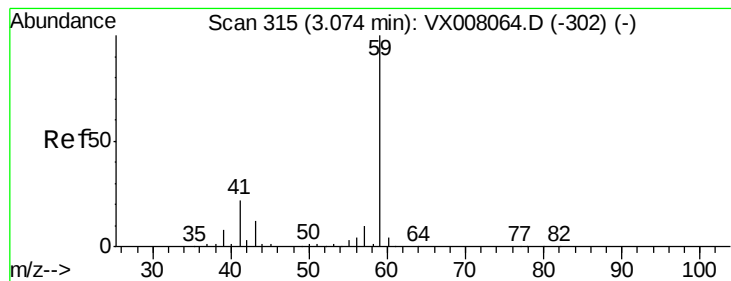
66 3.2 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



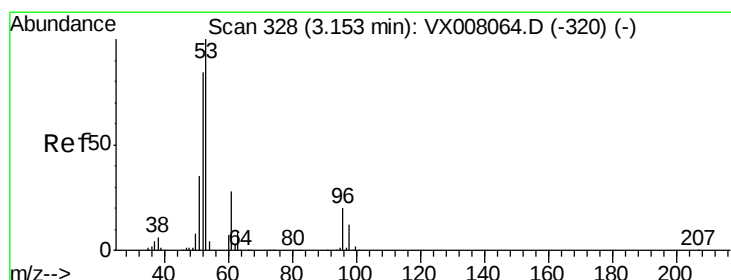
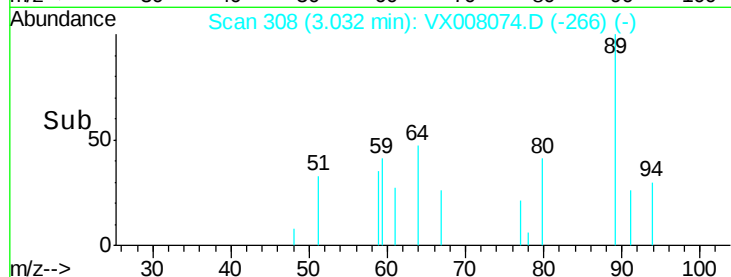
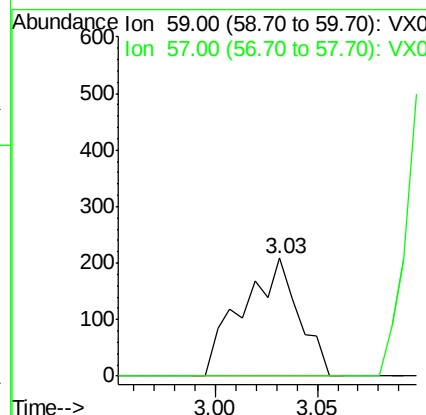
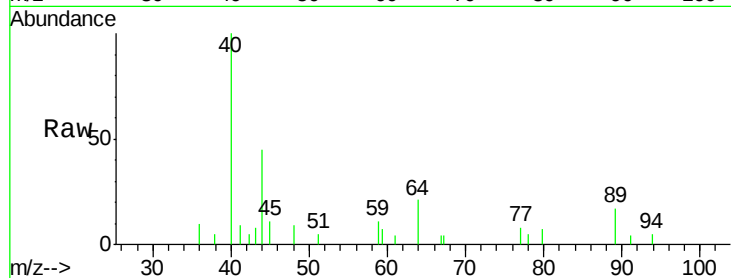


#11

Tert butyl alcohol
 Concen: 0.794 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.04 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

Instrument :
 MSVOA_X
 ClientSampled :
 OILY-SOILME

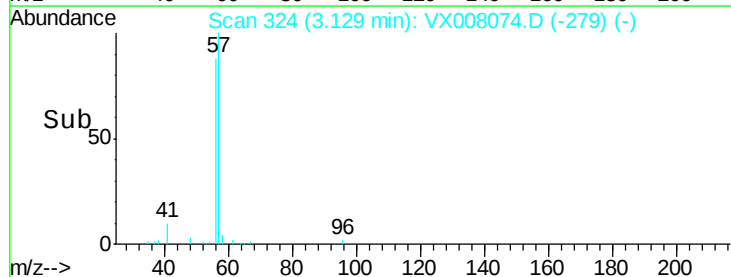
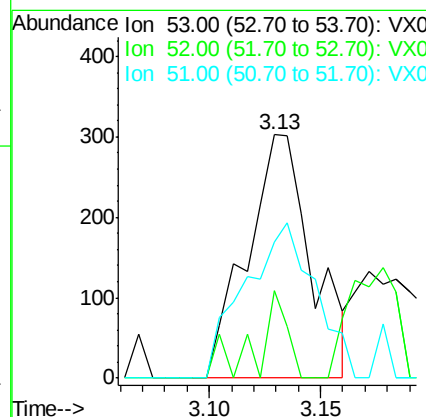
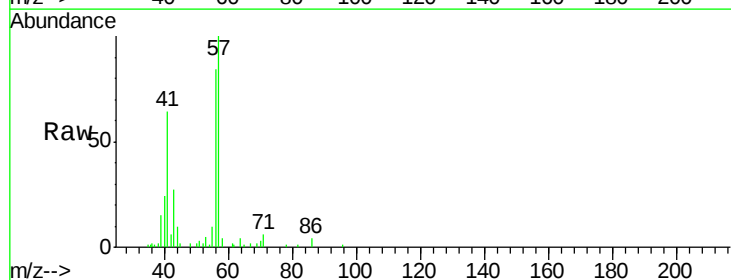
Tot Ion: 59 Resp: 403
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

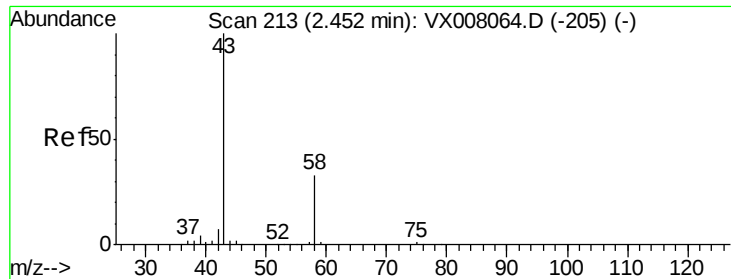


#15

Acrylonitrile
 Concen: 0.495 ug/l
 RT: 3.13 min Scan# 324
 Delta R.T. -0.02 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

Tgt Ion: 53 Resp: 612
 Ion Ratio Lower Upper
 53 100
 52 13.6 66.0 99.0#
 51 69.1 28.0 42.0#





#16

Acetone

Concen: 0.218 ug/l

RT: 2.42 min Scan# 208

Delta R.T. -0.03 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

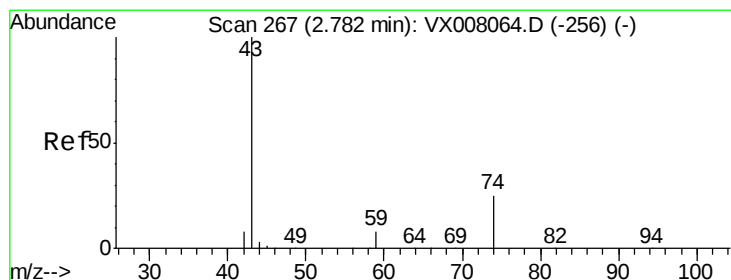
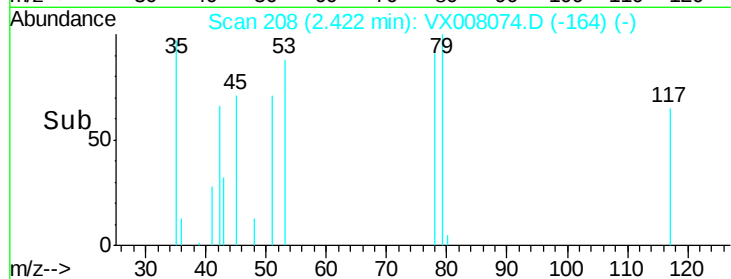
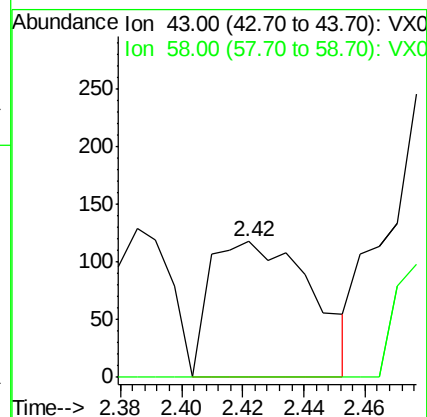
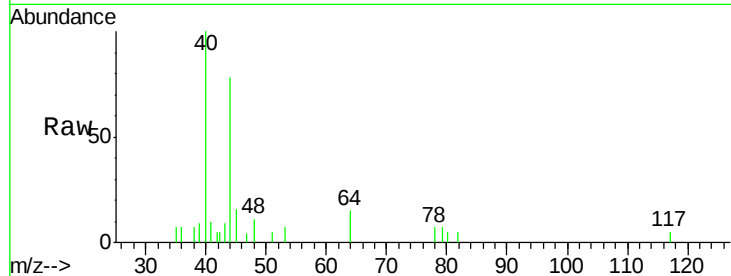
OILY-SOILME

Tot Ion: 43 Resp: 270

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#18

Methyl Acetate

Concen: 2.457 ug/l

RT: 2.81 min Scan# 271

Delta R.T. 0.02 min

Lab File: VX008074.D

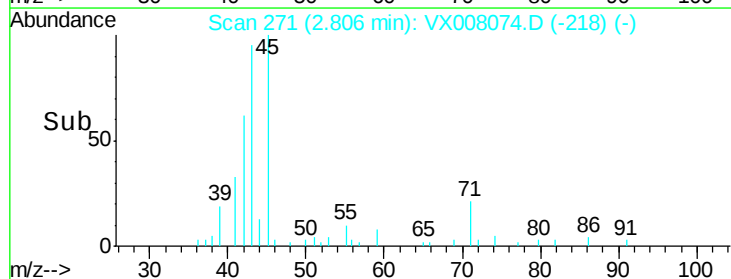
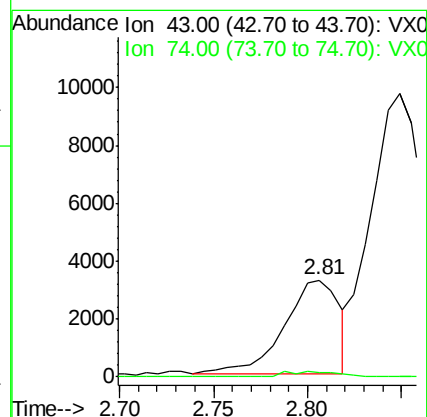
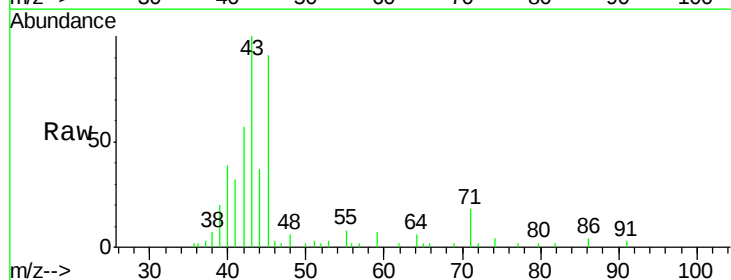
Acq: 14 Mar 2019 16:46

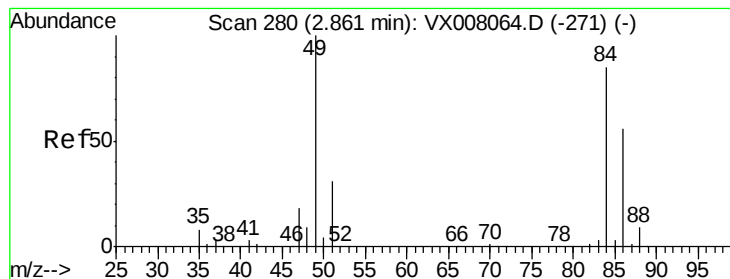
Tgt Ion: 43 Resp: 6586

Ion Ratio Lower Upper

43 100

74 5.2 17.8 26.6#





#20

Methvlene Chloride

Concen: 0.240 ug/l

RT: 2.84 min Scan# 277

Delta R.T. -0.02 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

OILY-SOILME

Tot Ion: 84 Resp: 532

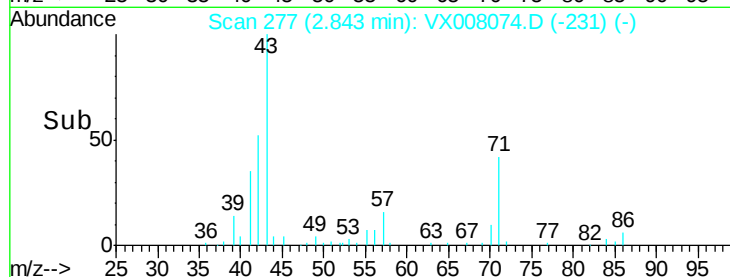
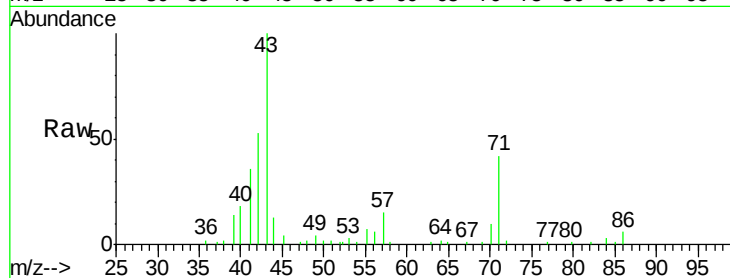
Ion Ratio Lower Upper

84 100

49 126.2 99.3 148.9

51 36.0 31.3 46.9

86 160.3 52.6 79.0#

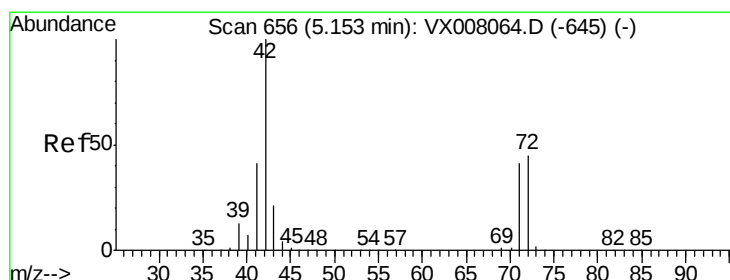
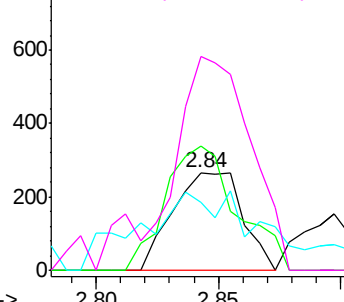


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#29

Tetrahydrofuran

Concen: 0.273 ug/l

RT: 5.19 min Scan# 662

Delta R.T. 0.04 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

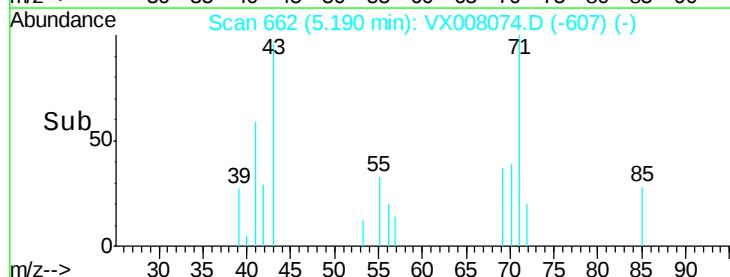
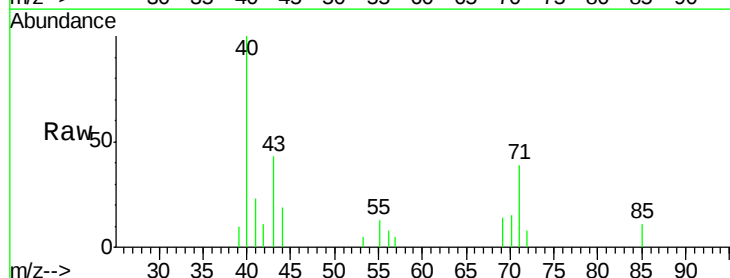
Tgt Ion: 42 Resp: 324

Ion Ratio Lower Upper

42 100

72 73.5 33.8 50.6#

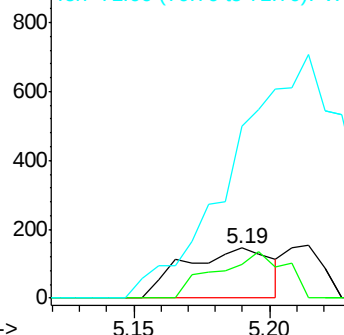
71 0.0 31.5 47.3#

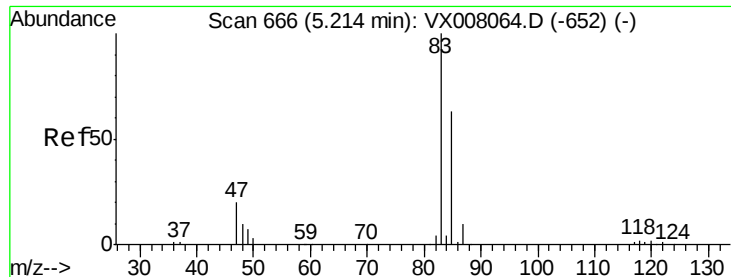


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

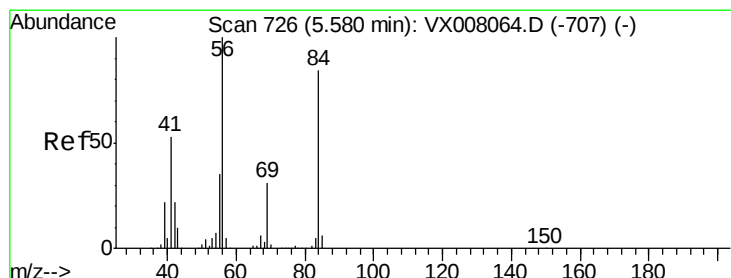
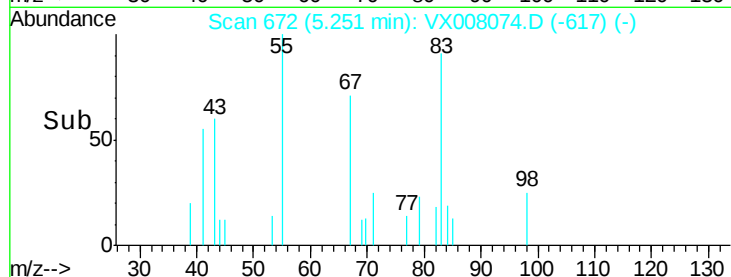
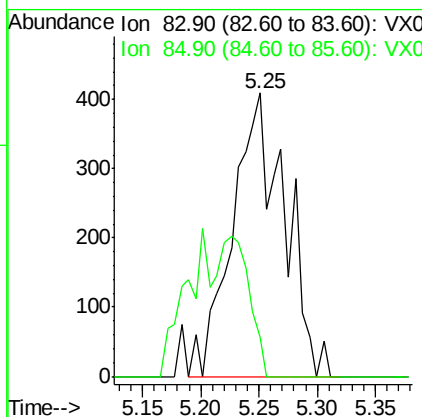
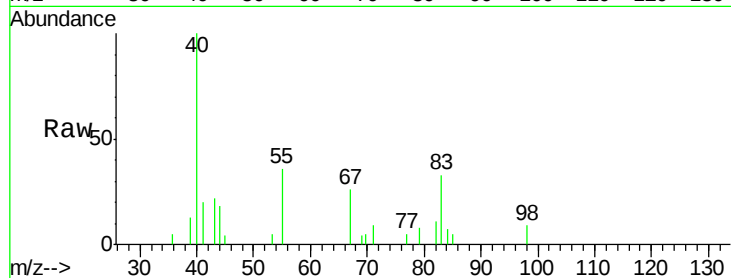




#30
Chloroform
Concen: 0.320 ug/l
RT: 5.25 min Scan# 672
Delta R.T. 0.04 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

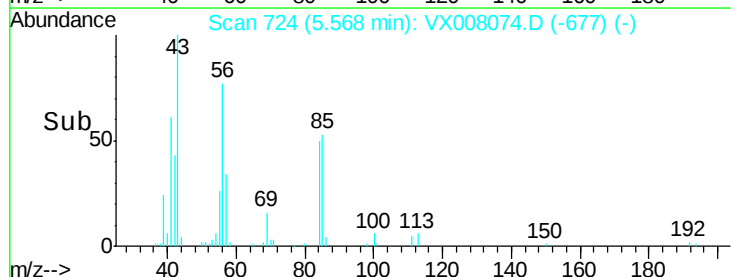
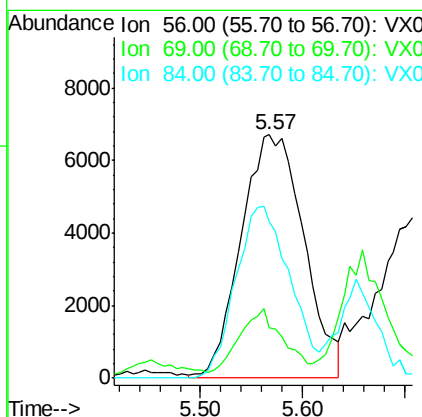
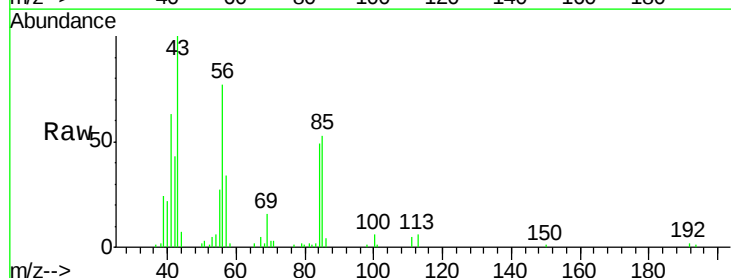
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILME

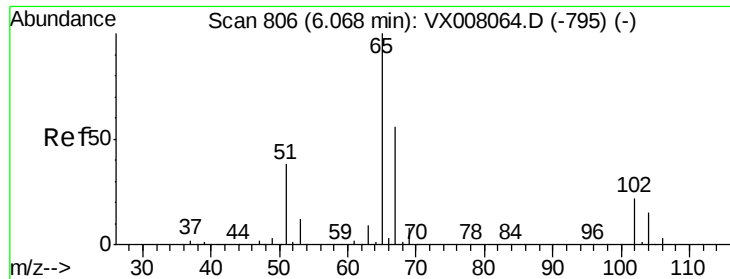
Tot Ion: 83 Resp: 1277
Ion Ratio Lower Upper
83 100
85 13.7 51.8 77.6#



#31
Cyclohexane
Concen: 7.644 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

Tgt Ion: 56 Resp: 28710
Ion Ratio Lower Upper
56 100
69 16.6 24.0 36.0#
84 65.0 65.3 97.9#

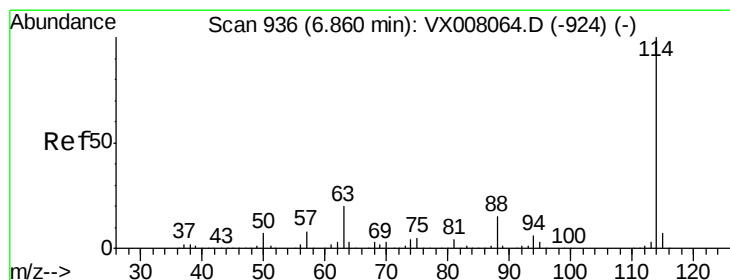
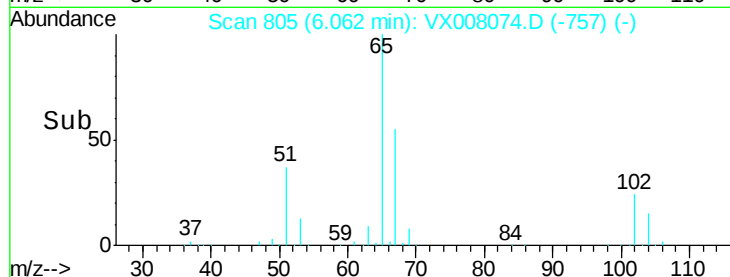
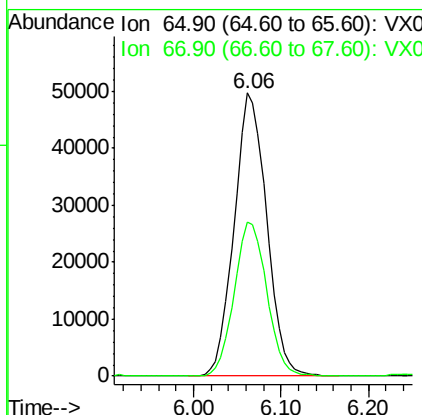
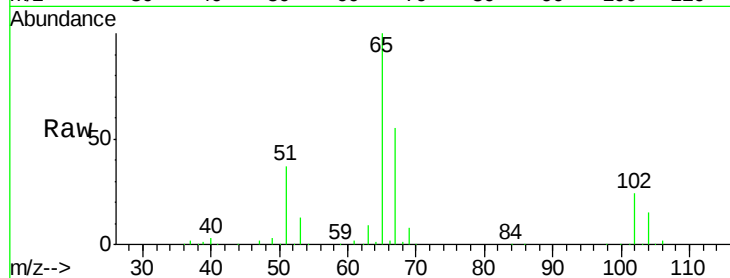




#33
 1,2-Dichloroethane-d4
 Concen: 48.930 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

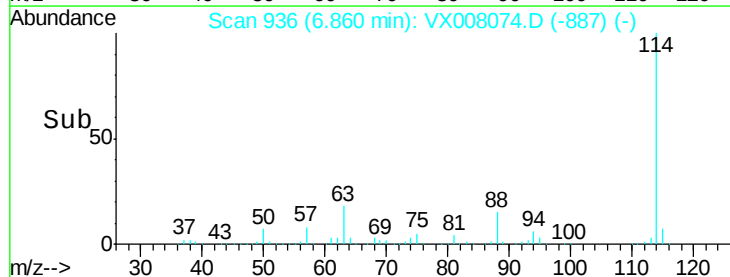
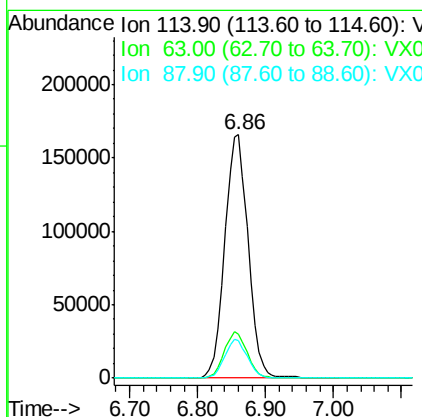
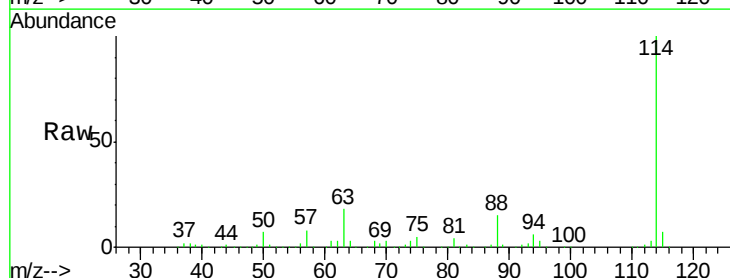
Instrument :
 MSVOA_X
 ClientSampled :
 OILY-SOILME

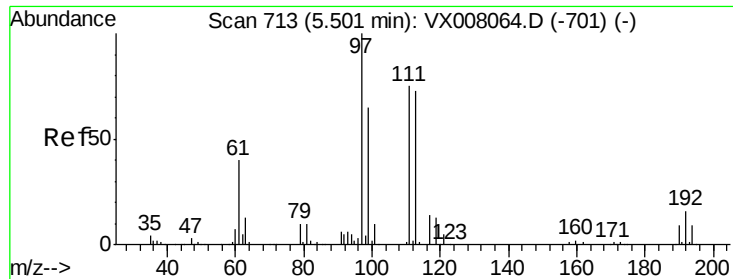
Tot Ion: 65 Resp: 128523
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

Tgt Ion: 114 Resp: 394294
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.3 0.0 31.4

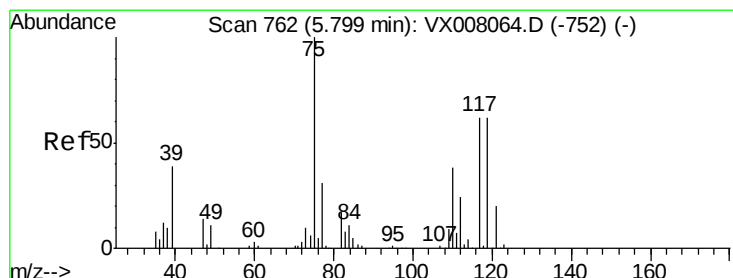
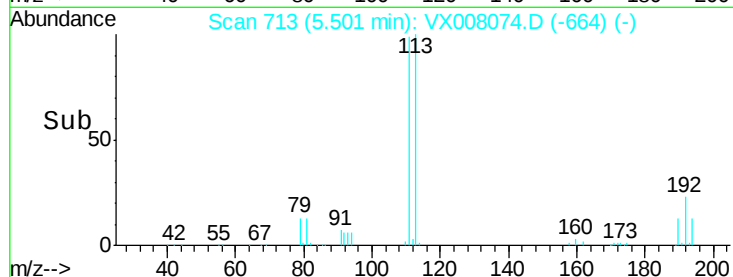
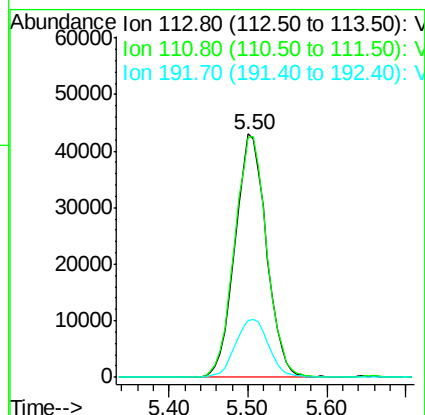
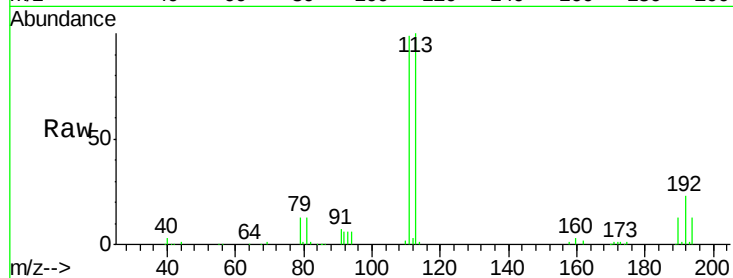




#35
 Dibromofluoromethane
 Concen: 47.739 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

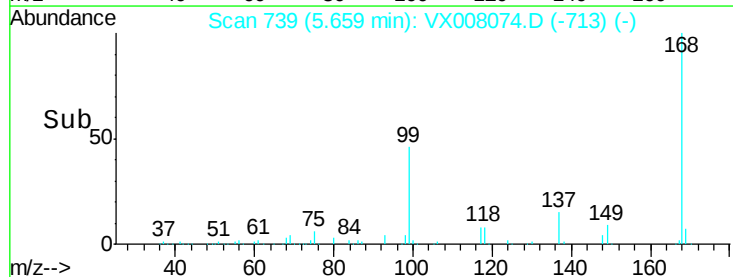
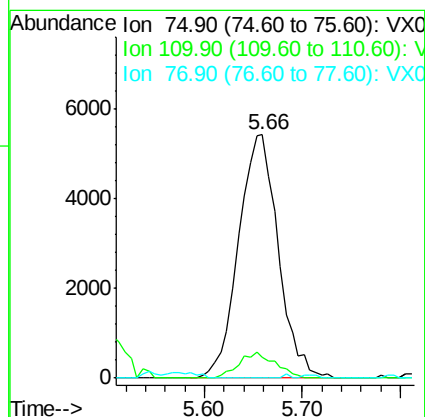
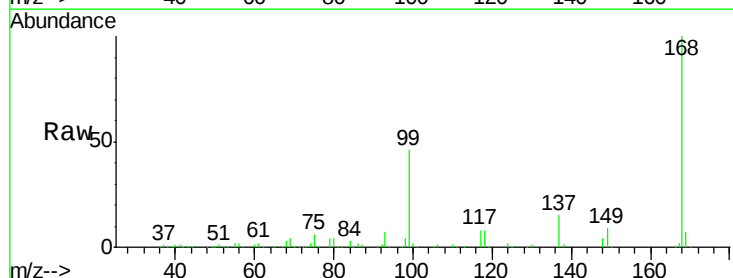
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOILME

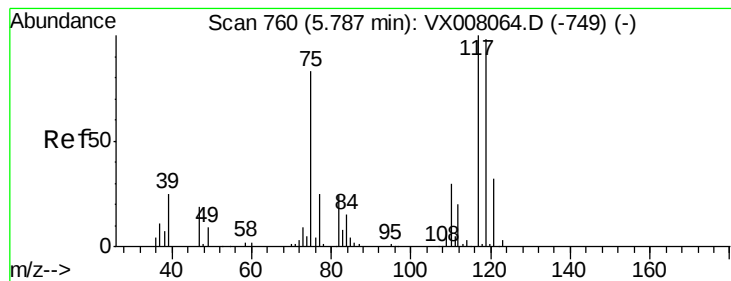
Tot Ion:113 Resp: 119367
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 25.2 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 4.715 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

Tgt Ion: 75 Resp: 15295
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.4 55.0#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.853 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILME

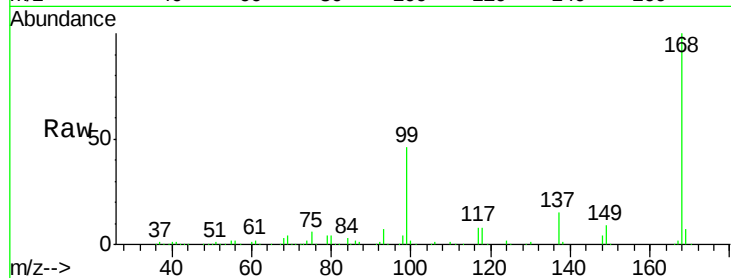
Tot Ion:117 Resp: 21397

Ion Ratio Lower Upper

117 100

119 4.8 76.2 114.2#

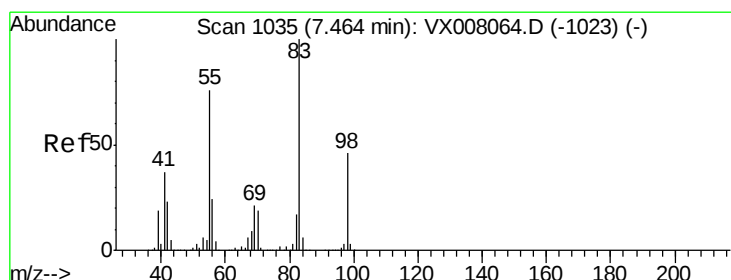
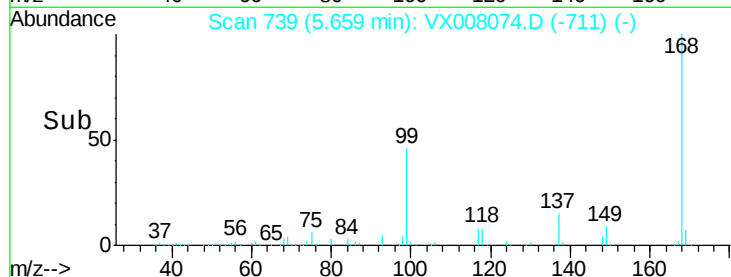
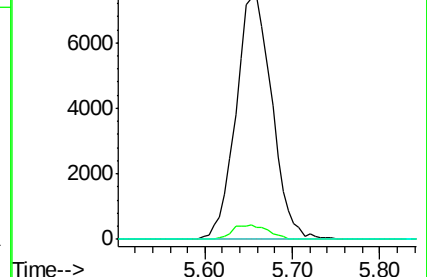
121 0.0 24.6 36.8#



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: 21.385 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

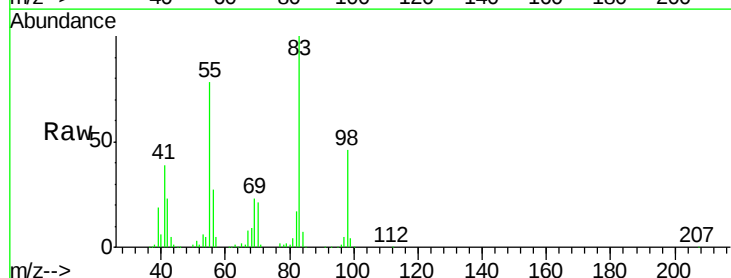
Tgt Ion: 83 Resp: 88668

Ion Ratio Lower Upper

83 100

55 77.5 60.4 90.6

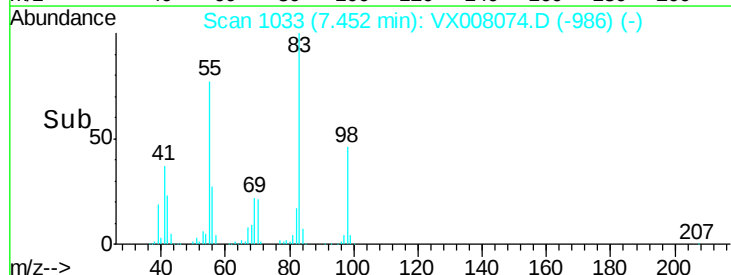
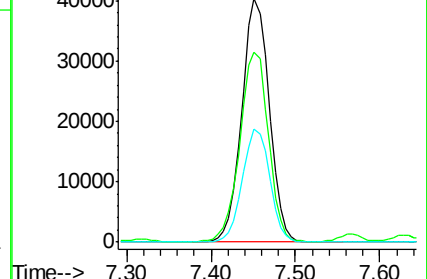
98 46.4 36.5 54.7

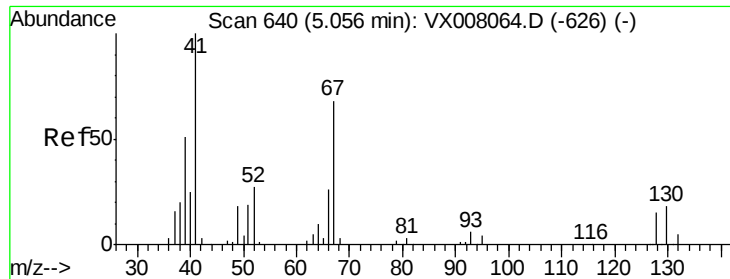


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

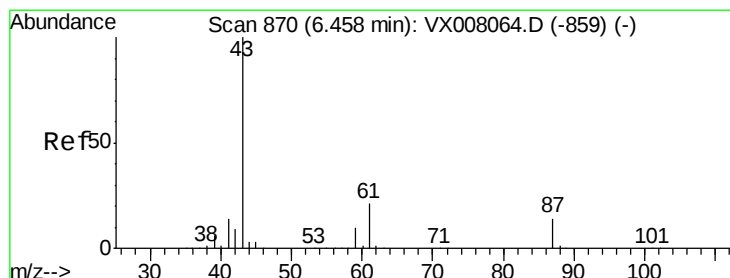
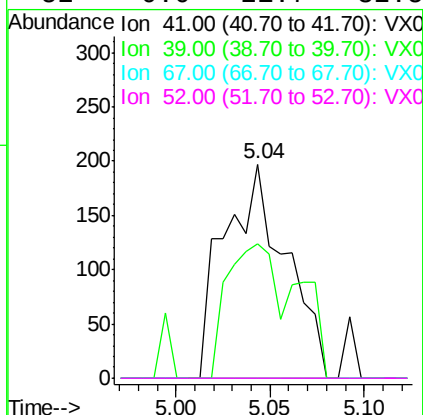
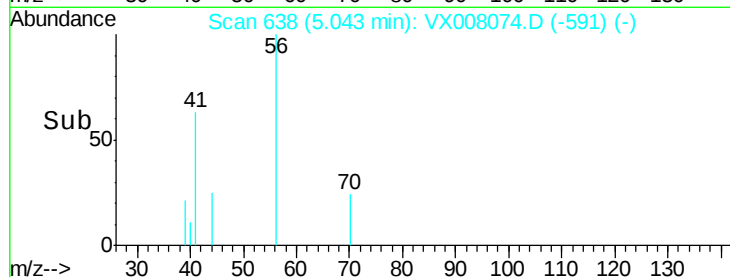
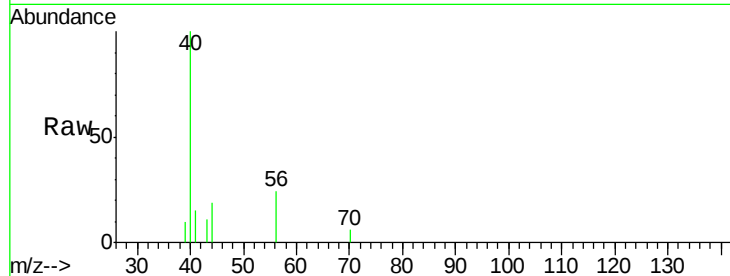




#41
Methacrylonitrile
Concen: 0.220 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

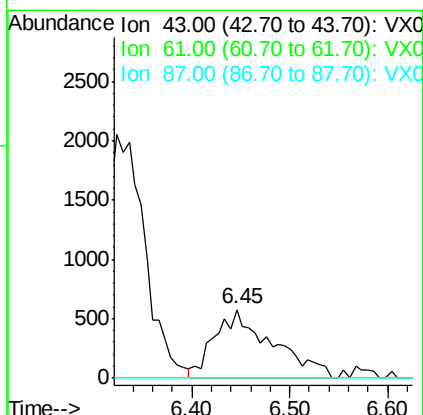
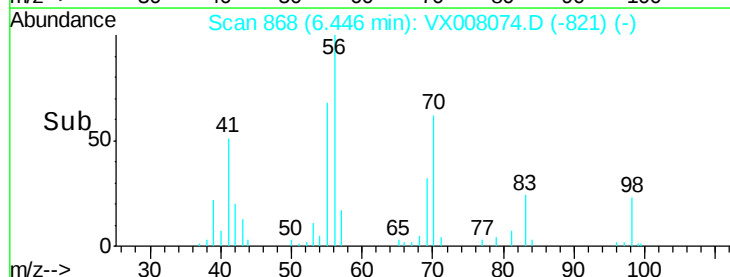
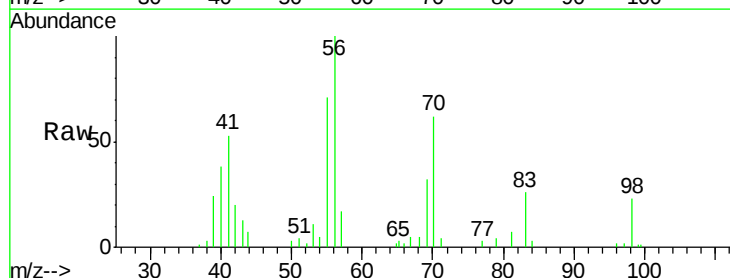
Instrument :
MSVOA_X
ClientSampled :
OILY-SOILME

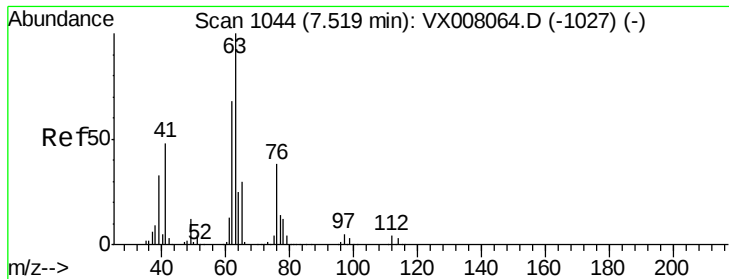
Tot Ion:	41	Resp:	446
Ion	Ratio	Lower	Upper
41	100		
39	49.6	41.6	62.4
67	0.0	55.8	83.6#
52	0.0	21.7	32.5#



#43
Isopropyl Acetate
Concen: 0.418 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

Tgt Ion:	43	Resp:	2346
Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.3	24.5#
87	0.0	10.5	15.7#





#45

1,2-Dichloropropane

Concen: 0.288 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.07 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

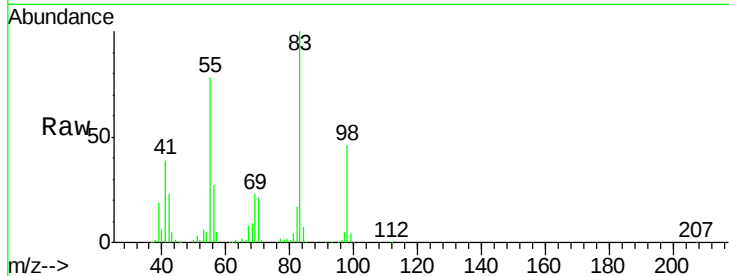
OILY-SOILME

Tot Ion: 63 Resp: 754

Ion Ratio Lower Upper

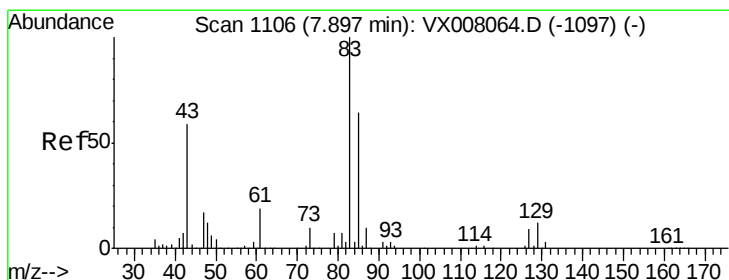
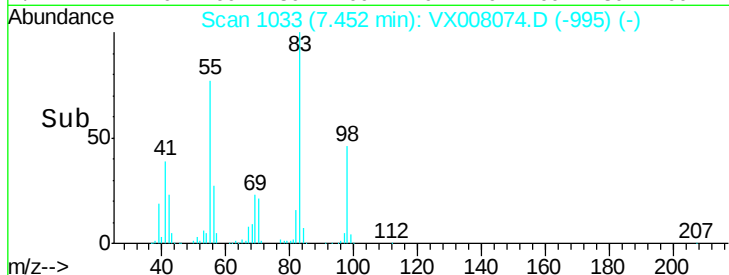
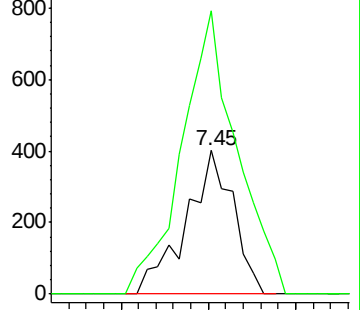
63 100

65 197.5 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.496 ug/l

RT: 7.84 min Scan# 1096

Delta R.T. -0.06 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

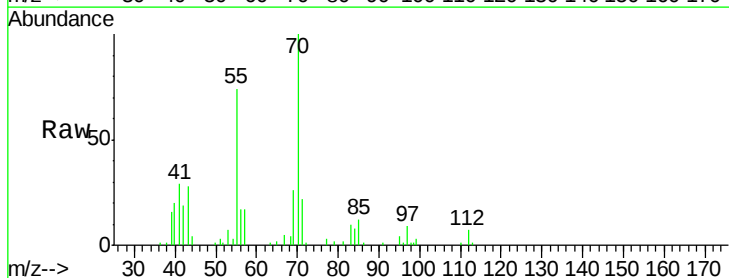
Tgt Ion: 83 Resp: 1549

Ion Ratio Lower Upper

83 100

85 120.9 50.9 76.3#

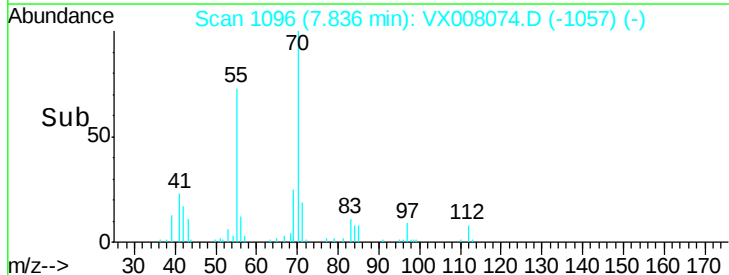
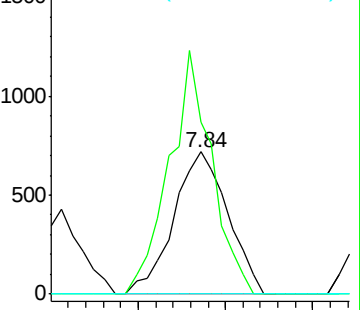
127 0.0 7.4 11.0#

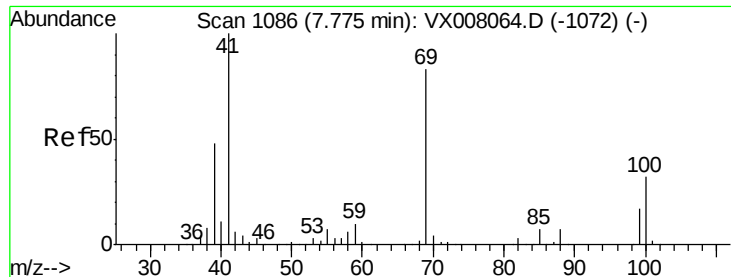


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

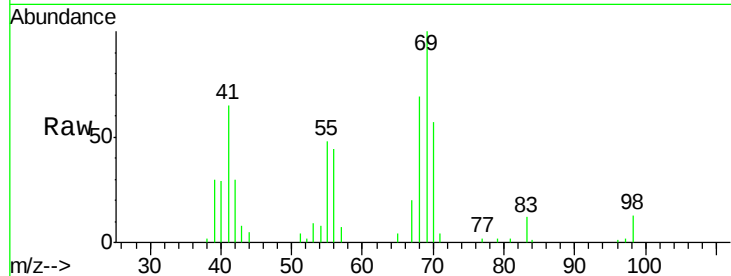




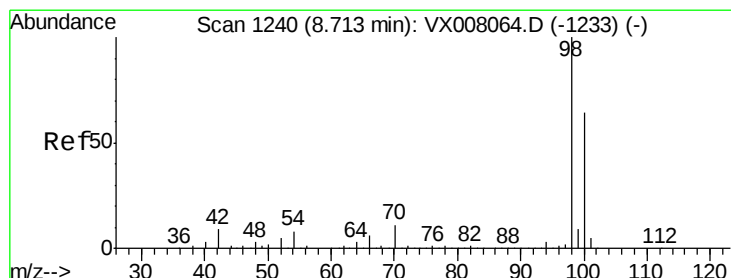
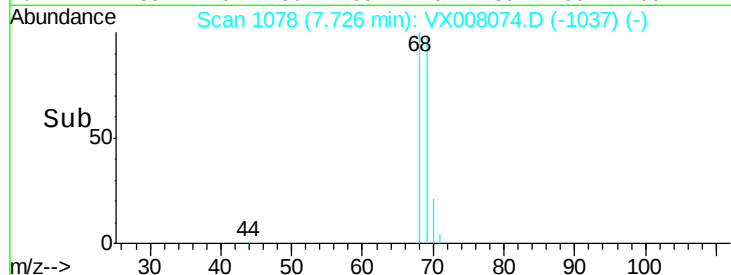
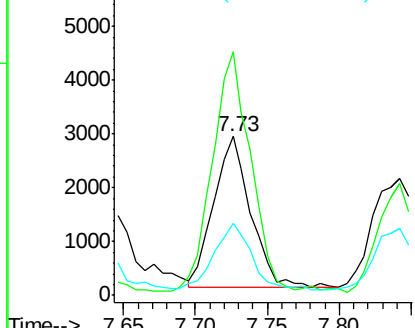
#48
Methvl methacrylate
Concen: 1.736 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILME

Tot Ion: 41 Resp: 5089
Ion Ratio Lower Upper
41 100
69 161.5 65.2 97.8#
39 45.3 39.4 59.2

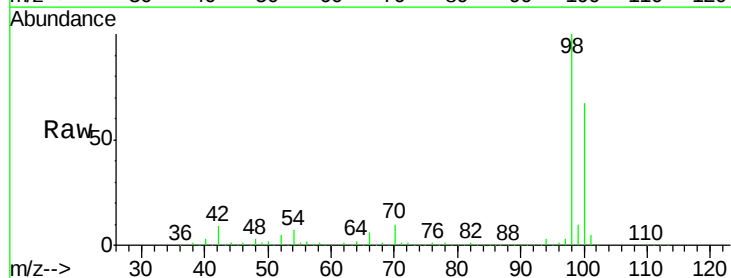


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

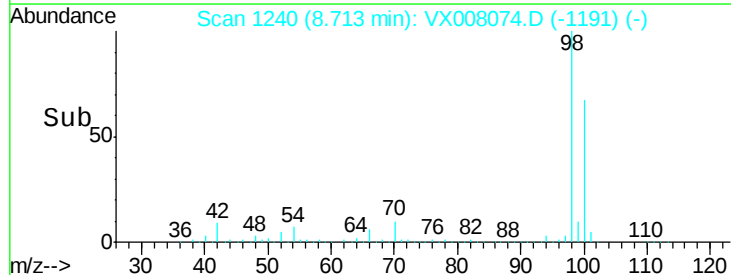
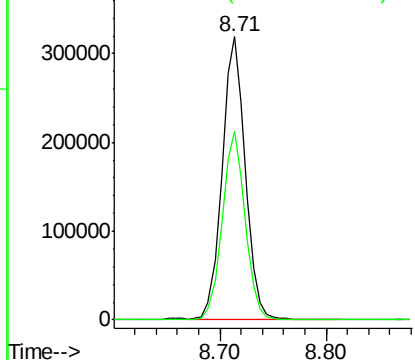


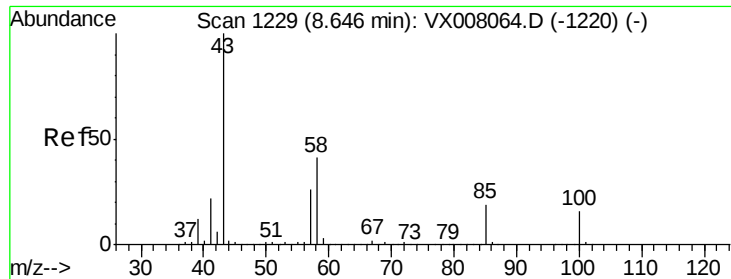
#50
Toluene-d8
Concen: 50.651 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

Tgt Ion: 98 Resp: 481679
Ion Ratio Lower Upper
98 100
100 66.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 1.781 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

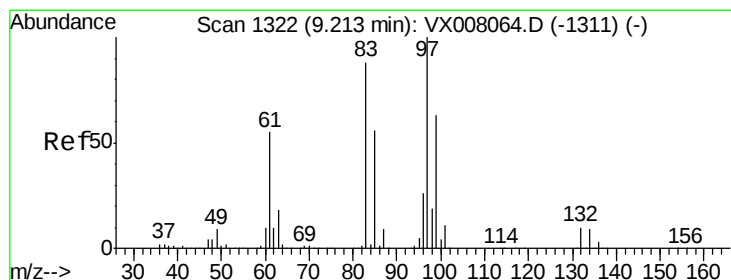
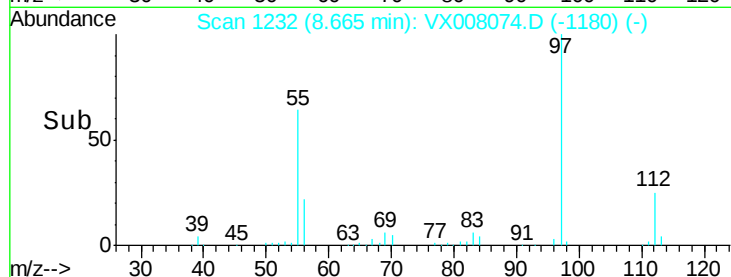
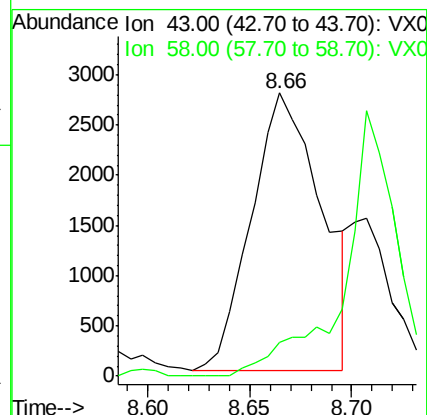
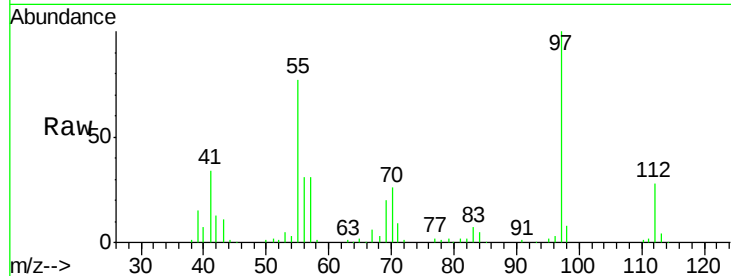
OILY-SOILME

Tot Ion: 43 Resp: 6591

Ion Ratio Lower Upper

43 100

58 0.0 31.3 46.9#



#55

1,1,2-Trichloroethane

Concen: 0.382 ug/l

RT: 9.27 min Scan# 1331

Delta R.T. 0.05 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Tgt Ion: 97 Resp: 982

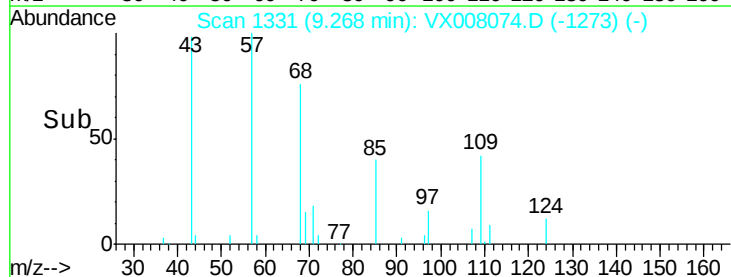
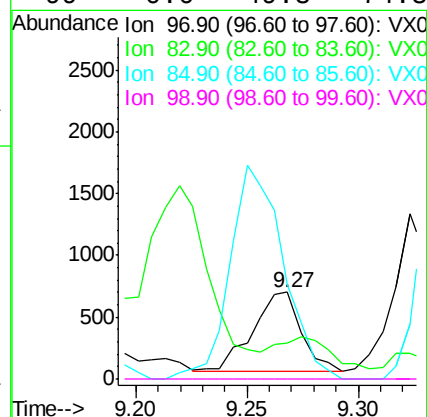
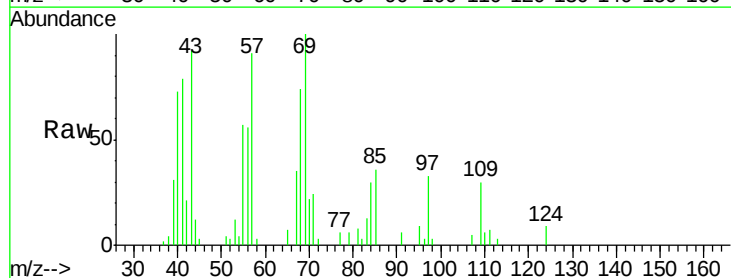
Ion Ratio Lower Upper

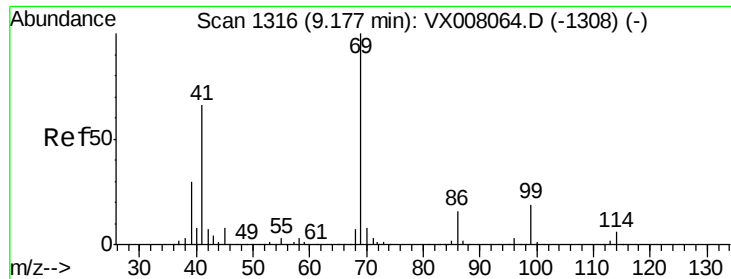
97 100

83 24.8 69.1 103.7#

85 119.0 44.3 66.5#

99 0.0 49.8 74.8#





#56

Ethyl methacrylate

Concen: 1.459 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

OILY-SOILME

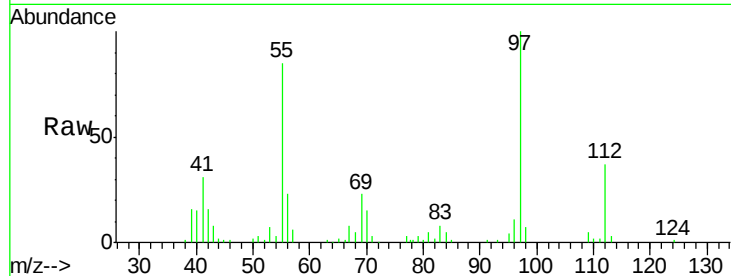
Tot Ion: 69 Resp: 5544

Ion Ratio Lower Upper

69 100

41 169.5 54.2 81.4#

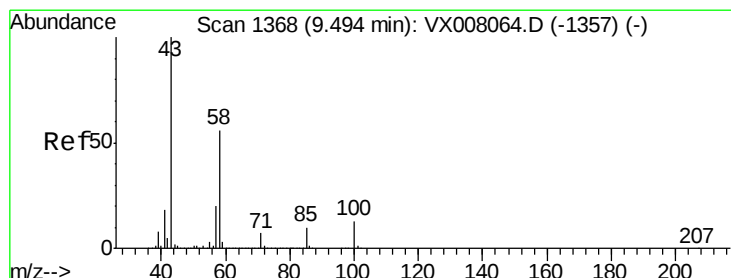
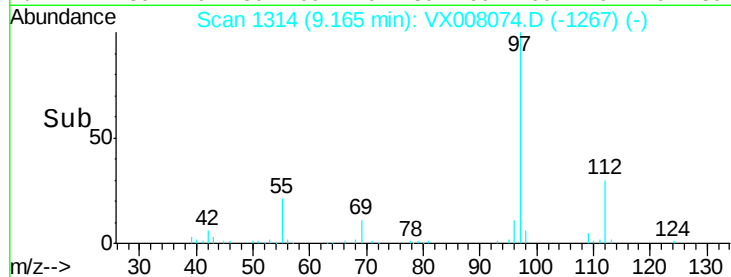
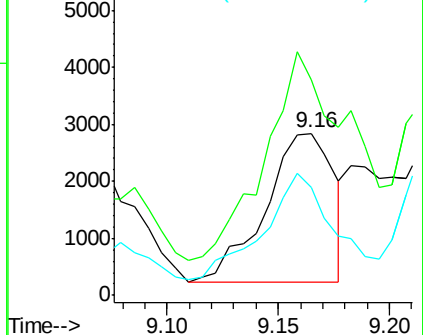
39 73.6 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 9.444 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX008074.D

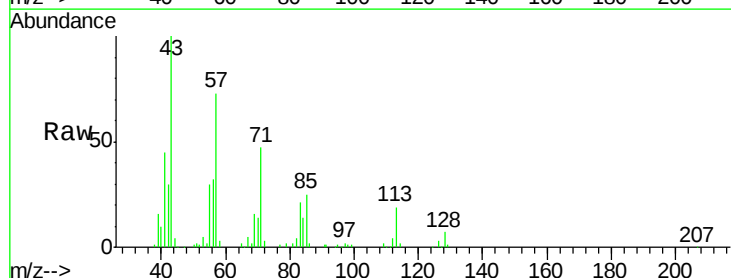
Acq: 14 Mar 2019 16:46

Tgt Ion: 43 Resp: 27330

Ion Ratio Lower Upper

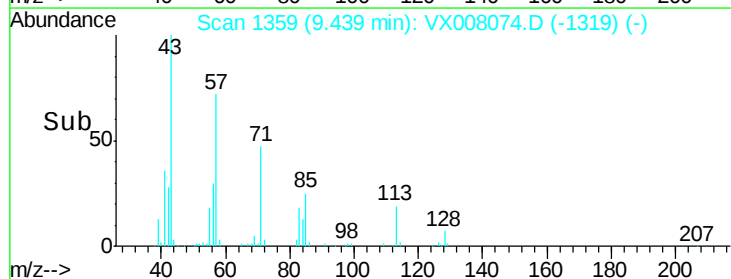
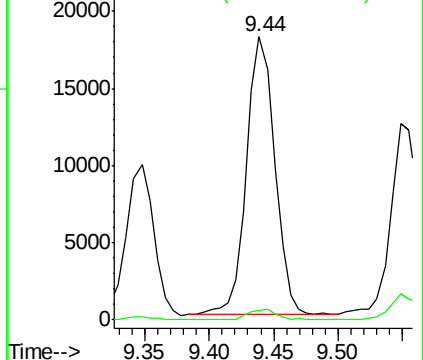
43 100

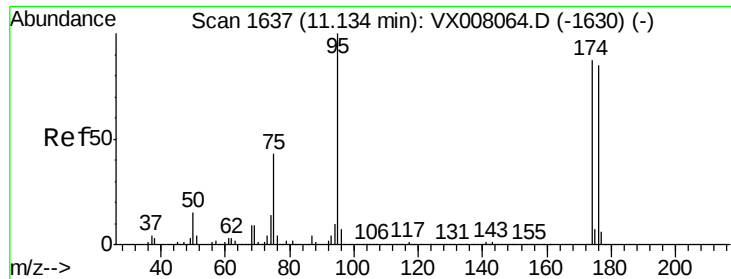
58 4.1 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 57.242 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILME

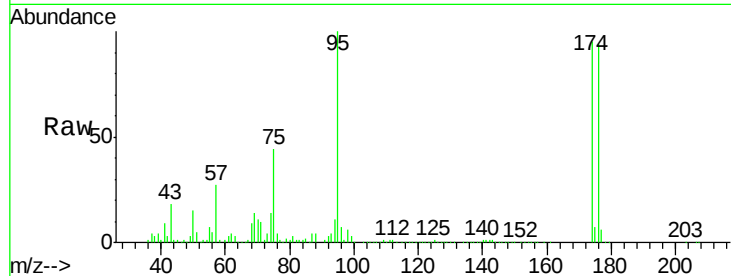
Tot Ion: 95 Resp: 195008

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.8

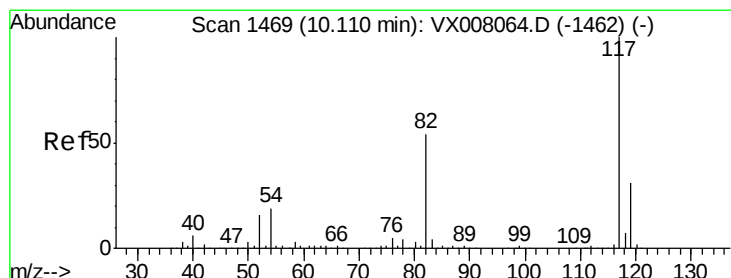
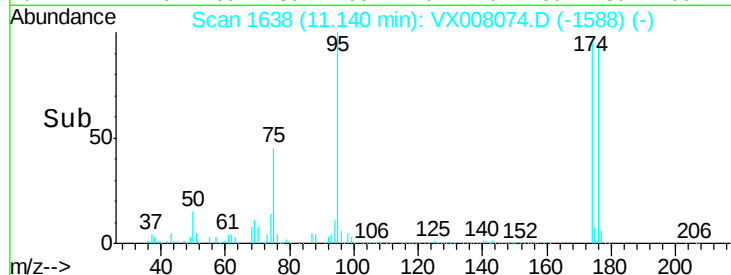
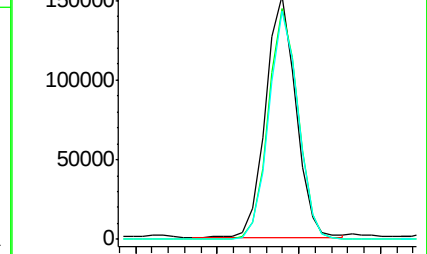
176 91.1 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008064.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008064.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008064.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

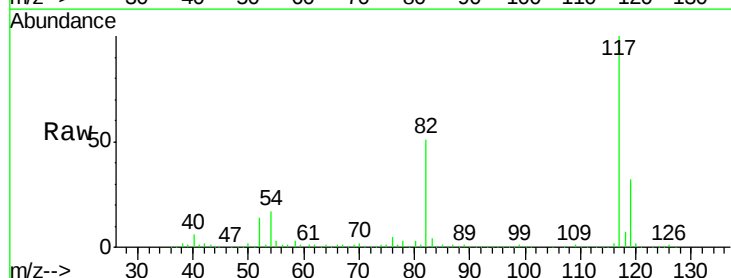
Tgt Ion: 117 Resp: 389996

Ion Ratio Lower Upper

117 100

82 50.6 44.3 66.5

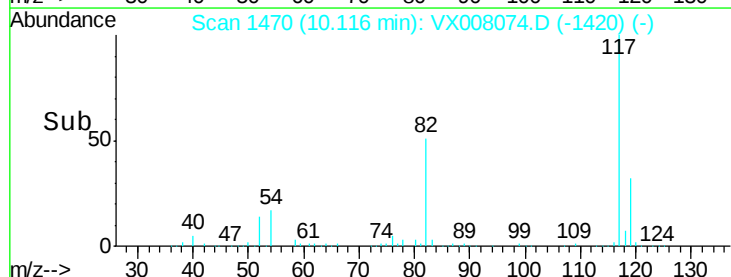
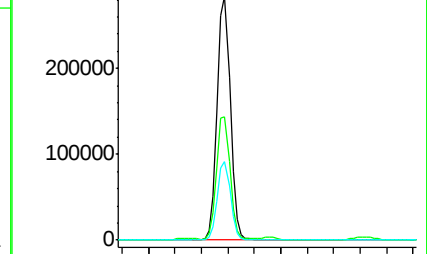
119 32.1 25.3 37.9

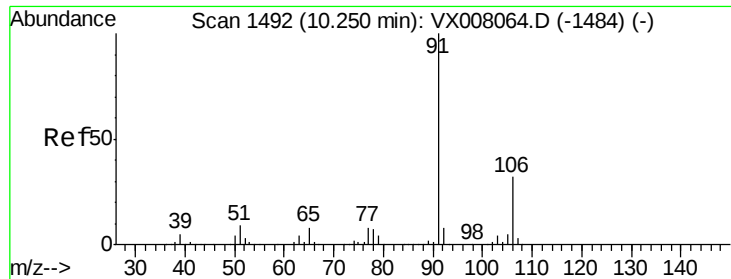


Abundance Ion 116.90 (116.60 to 117.60): VX008064.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008064.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008064.D (-1462) (-)

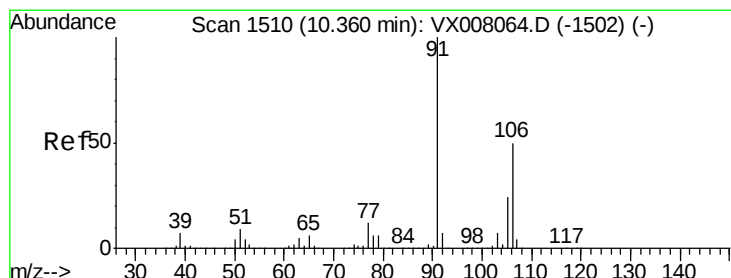
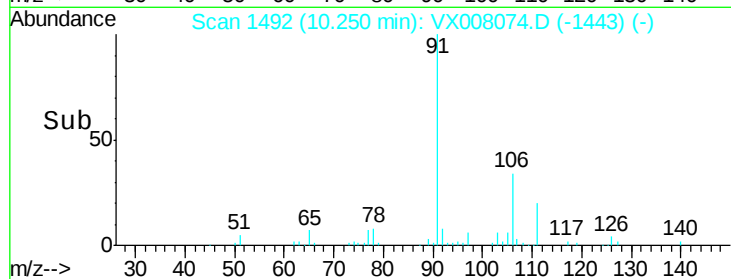
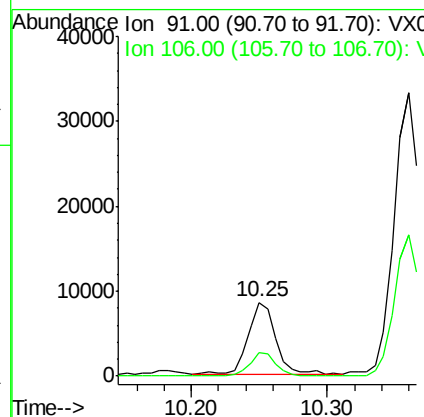
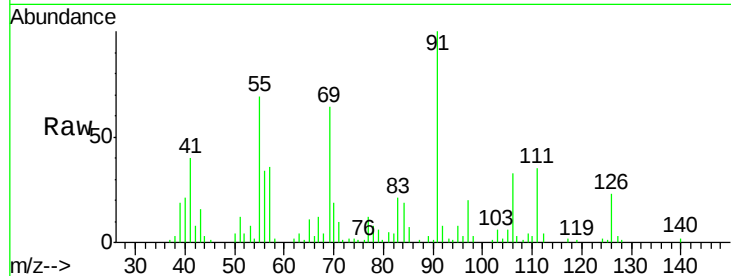




#67
Ethyl Benzene
Concen: 0.942 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

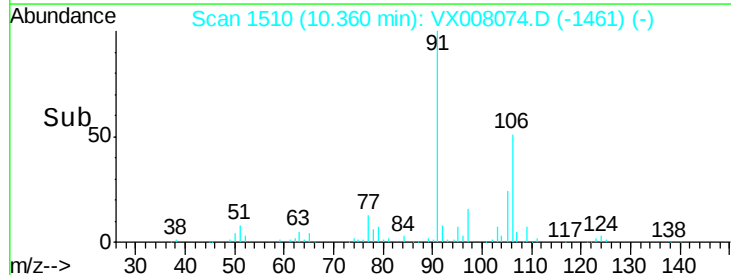
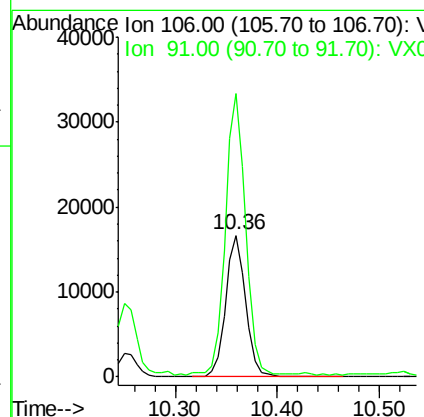
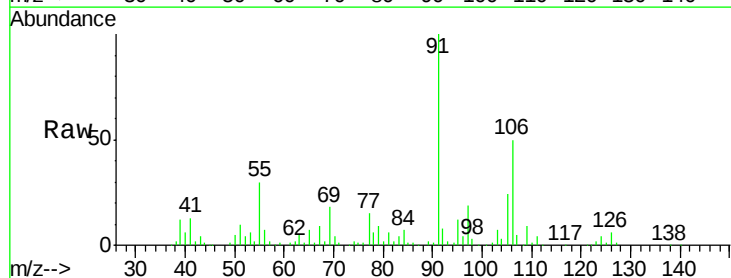
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILME

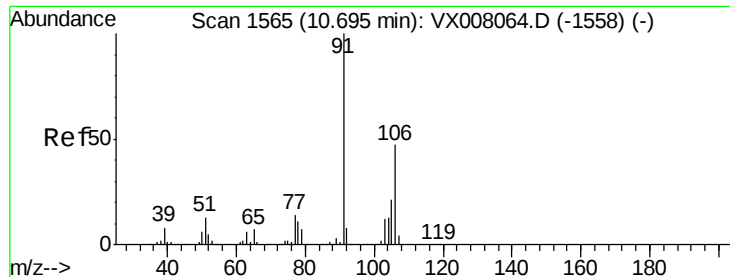
Tot Ion: 91 Resp: 12063
Ion Ratio Lower Upper
91 100
106 33.5 25.2 37.8



#68
m/p-Xylenes
Concen: 4.645 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

Tgt Ion: 106 Resp: 22770
Ion Ratio Lower Upper
106 100
91 199.4 159.8 239.6

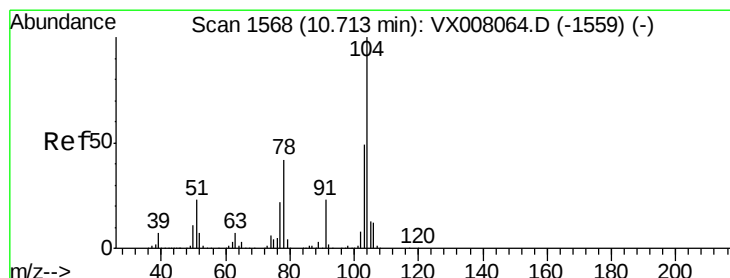
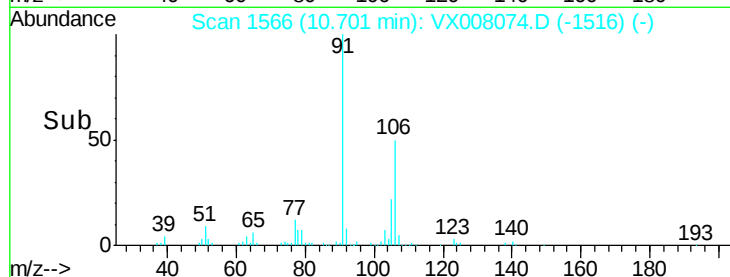
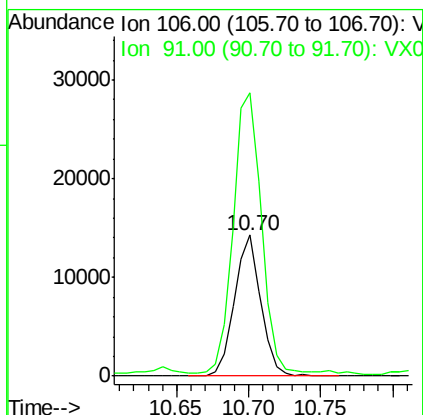
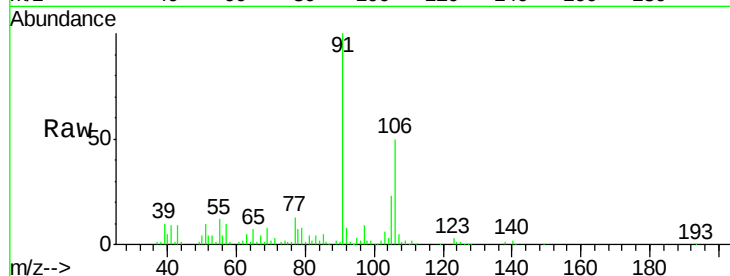




#69
o-Xylene
Concen: 3.812 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

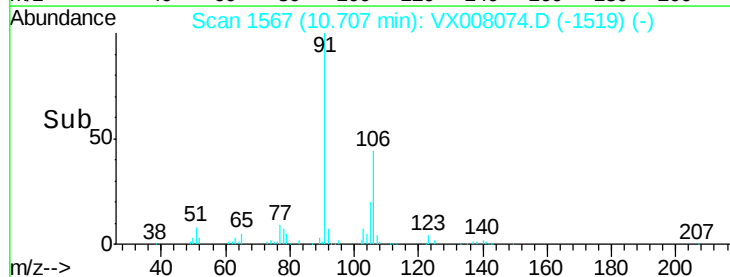
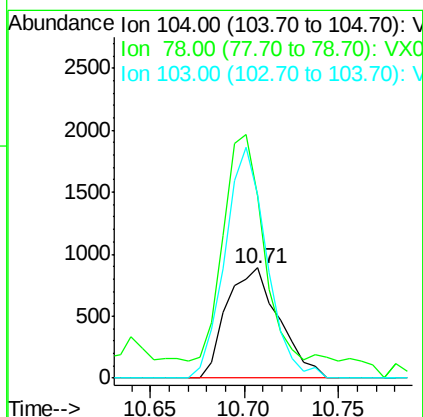
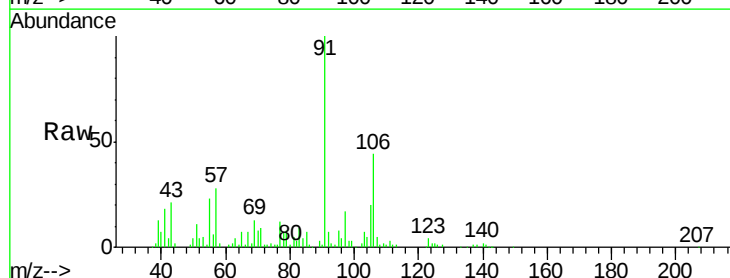
Instrument :
MSVOA_X
ClientSampled :
OILY-SOILME

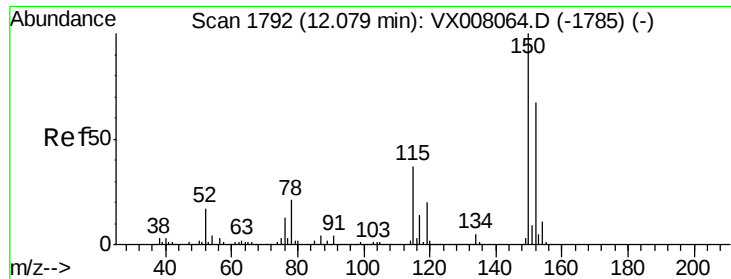
Tot Ion:106 Resp: 18214
Ion Ratio Lower Upper
106 100
91 210.0 106.3 318.9



#70
Styrene
Concen: 0.218 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

Tgt Ion:104 Resp: 1710
Ion Ratio Lower Upper
104 100
78 202.1 38.5 57.7#
103 167.5 44.1 66.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILME

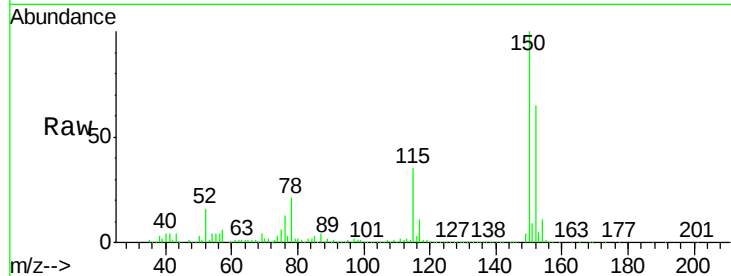
Tot Ion:152 Resp: 216002

Ion Ratio Lower Upper

152 100

115 55.0 38.6 115.7

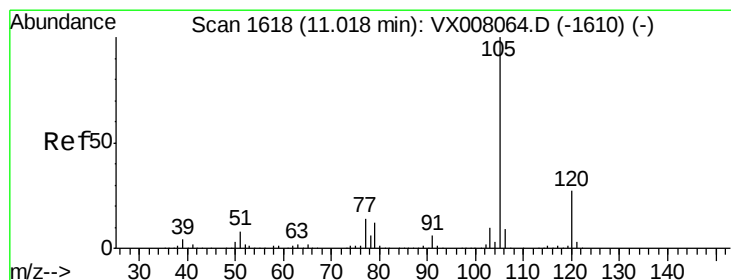
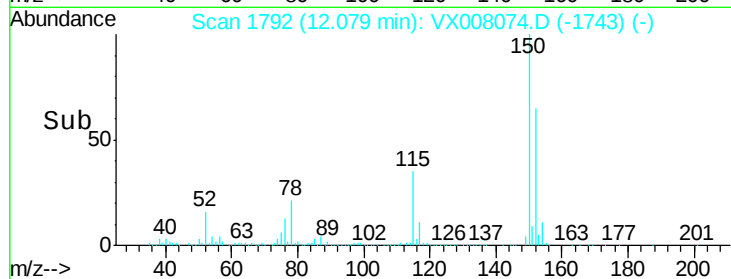
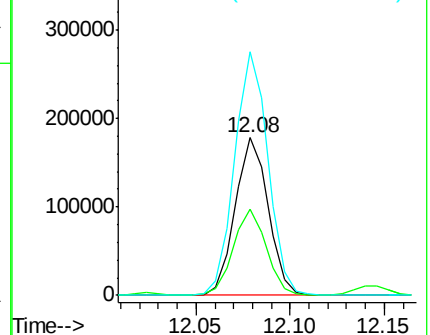
150 156.4 0.0 348.4



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



#73

Isopropylbenzene

Concen: 0.820 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008074.D

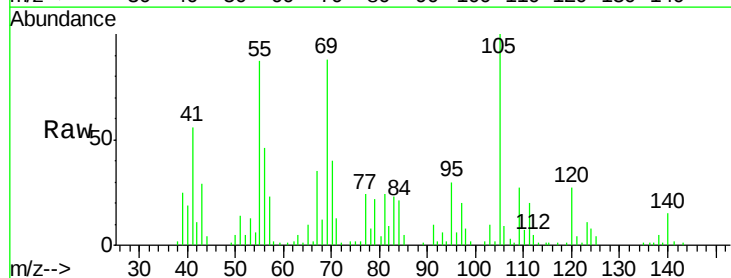
Acq: 14 Mar 2019 16:46

Tgt Ion:105 Resp: 11338

Ion Ratio Lower Upper

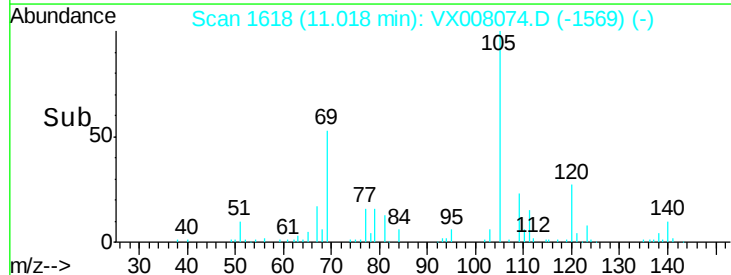
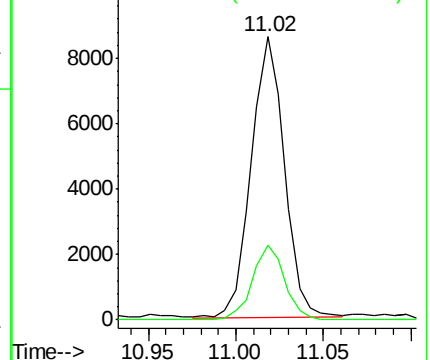
105 100

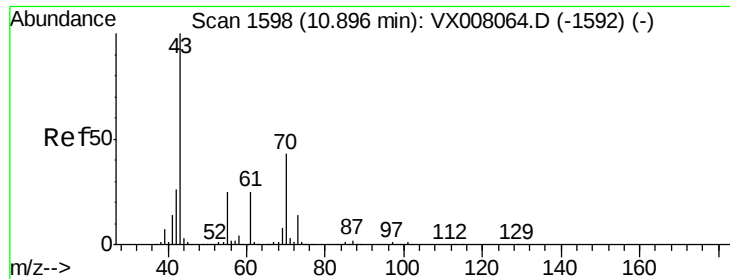
120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.752 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILME

Tot Ion: 43 Resp: 16058

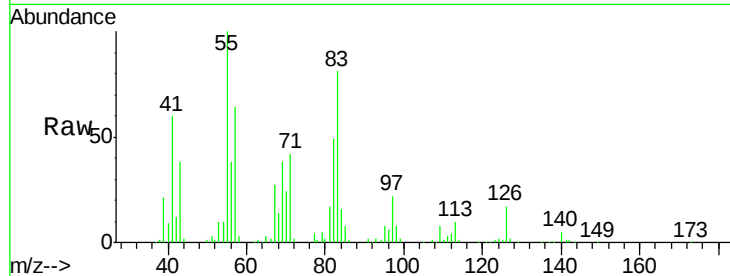
Ion Ratio Lower Upper

43 100

70 81.1 33.5 50.3#

55 274.2 19.2 28.8#

61 0.0 19.0 28.6#

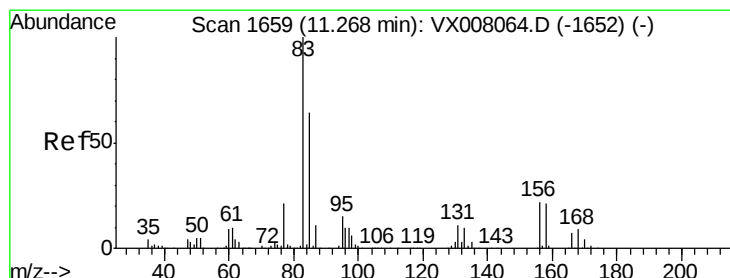
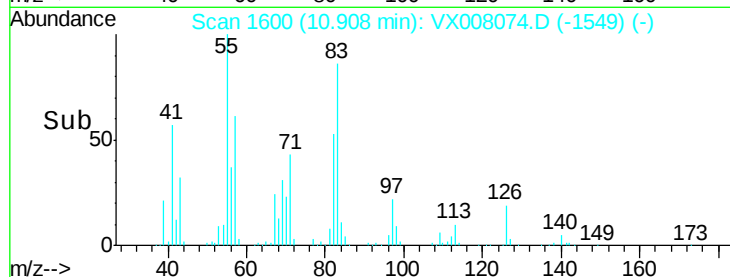
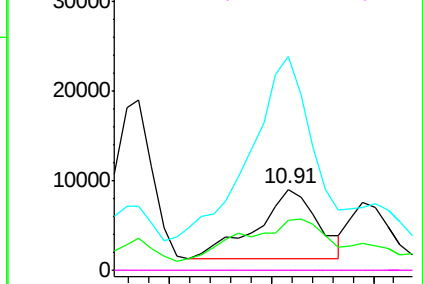


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 1.617 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

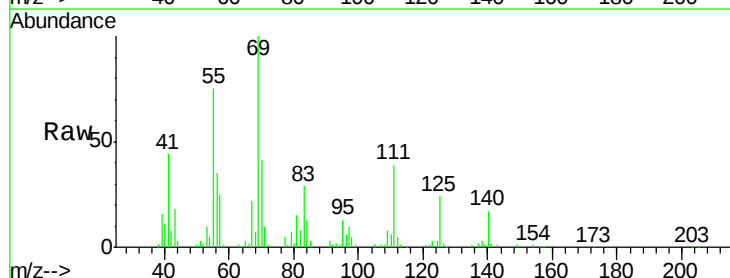
Tgt Ion: 83 Resp: 7331

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

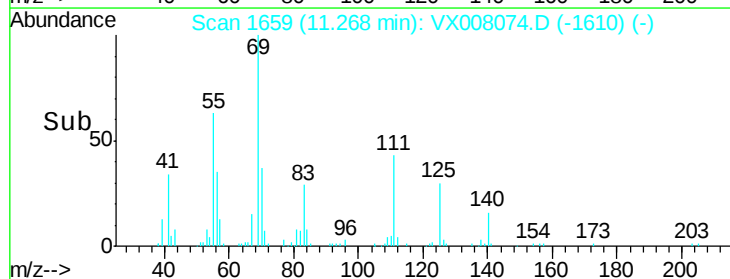
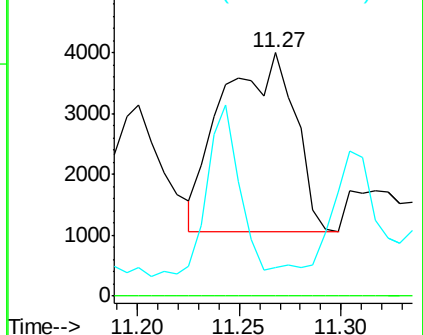
85 0.0 32.3 96.8#

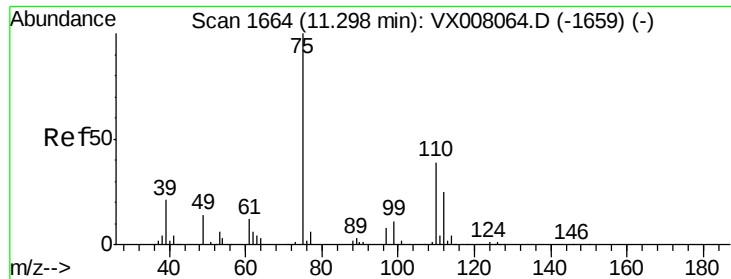


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

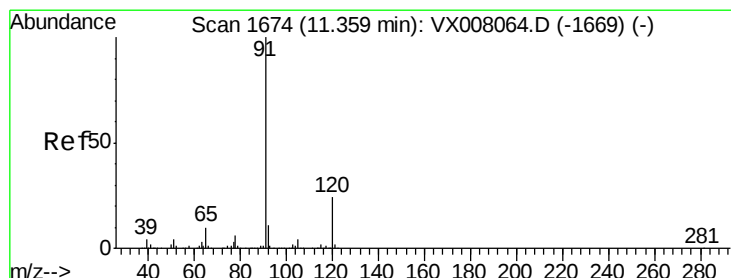
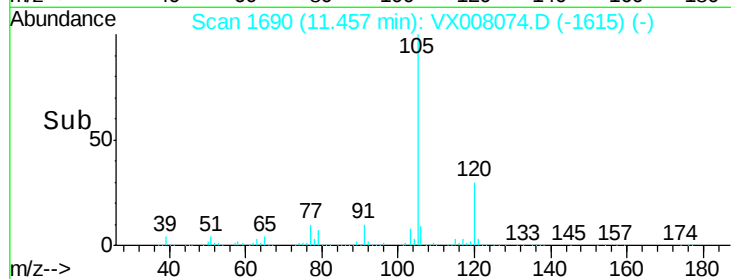
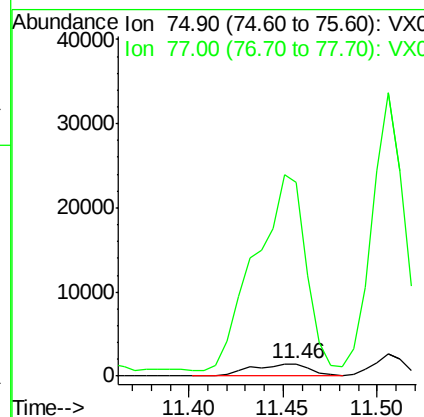
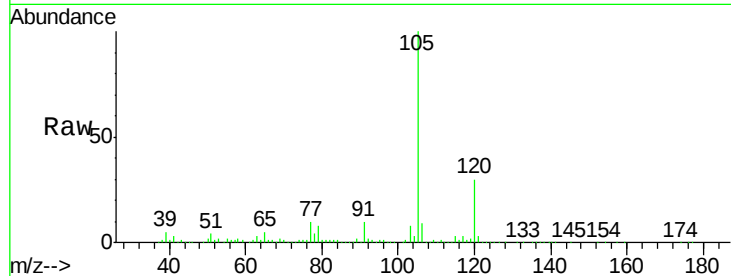




#76
1,2,3-Trichloropropane
Concen: 0.866 ug/l
RT: 11.46 min Scan# 1690
Delta R.T. 0.16 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

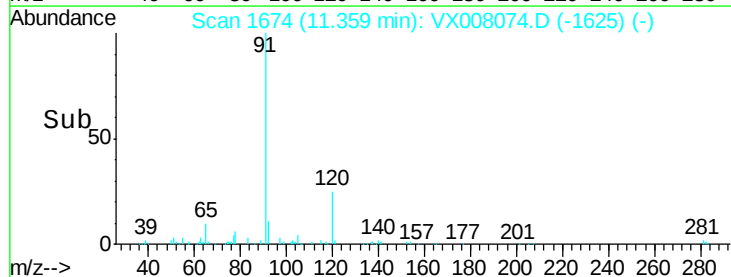
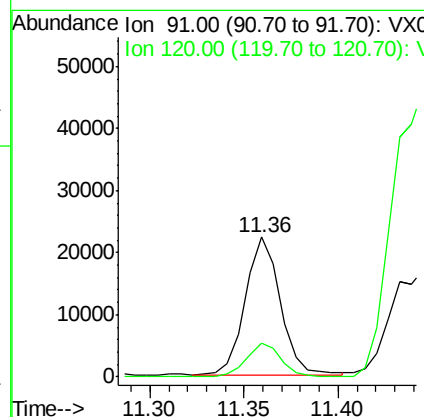
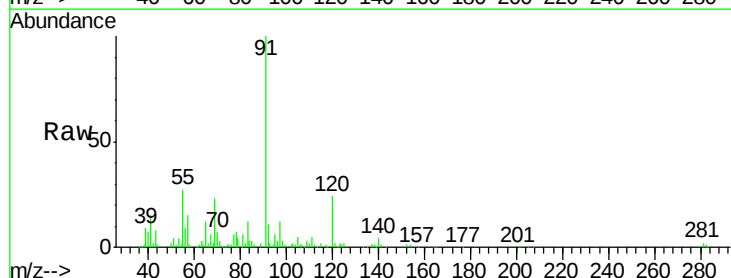
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILME

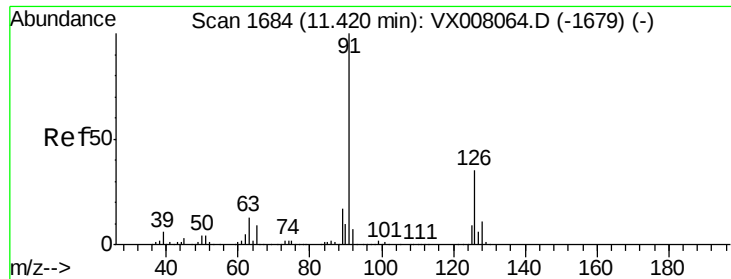
Tot Ion: 75 Resp: 3247
Ion Ratio Lower Upper
75 100
77 1376.2 18.9 56.7#



#78
n-propylbenzene
Concen: 1.873 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

Tgt Ion: 91 Resp: 28424
Ion Ratio Lower Upper
91 100
120 24.4 12.0 36.0

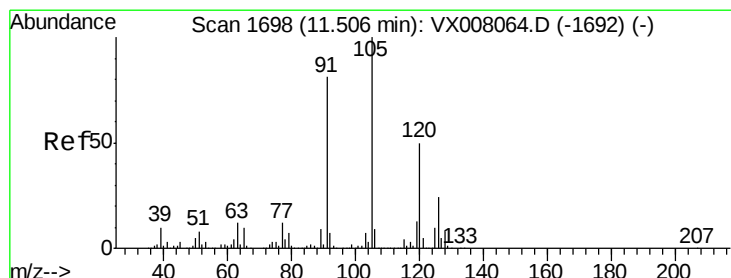
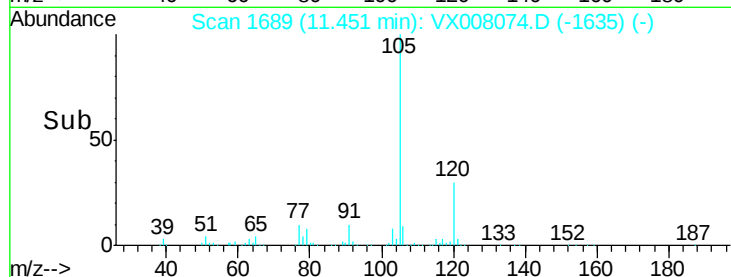
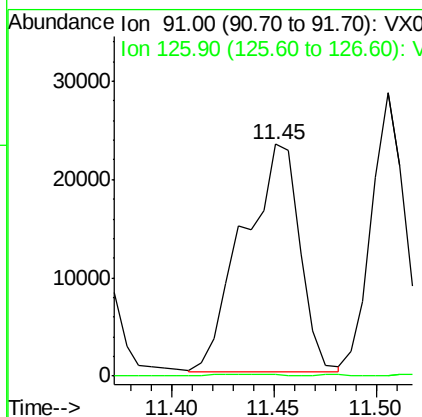
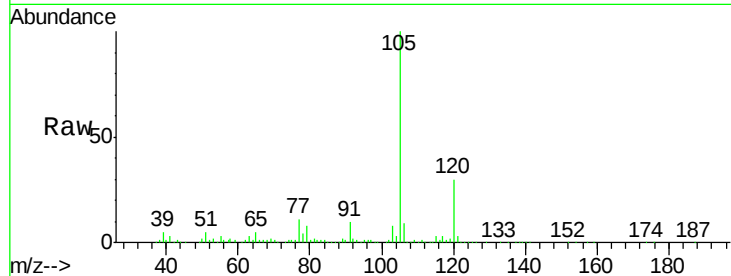




#79
 2-Chlorotoluene
 Concen: 4.839 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. 0.03 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

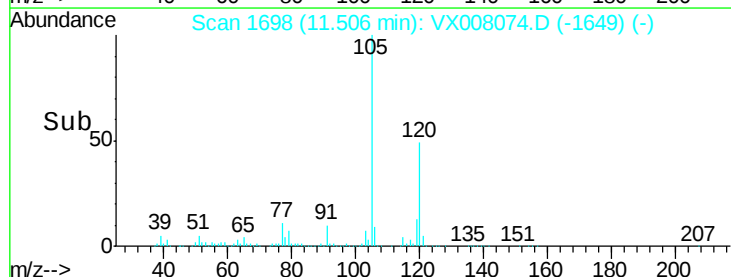
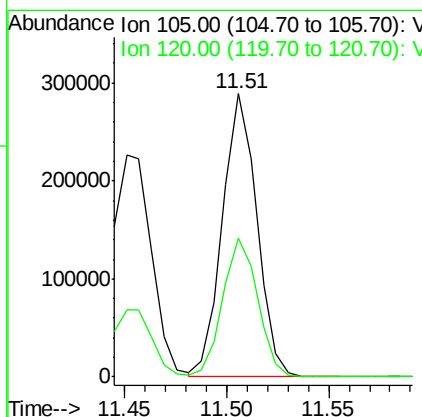
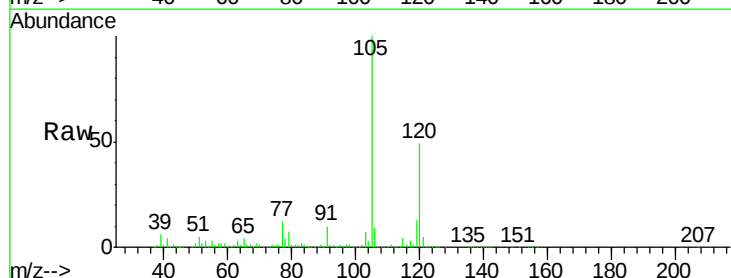
Instrument :
 MSVOA_X
 ClientSampled :
 OILY-SOILME

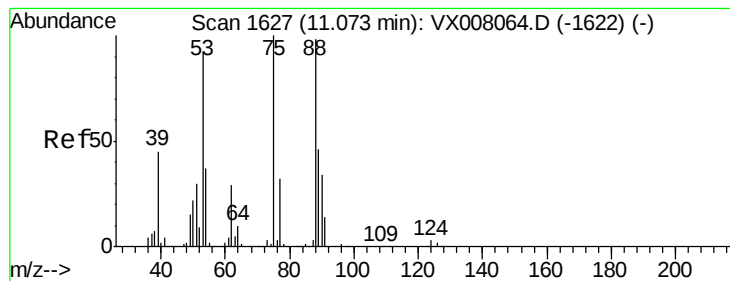
Tot Ion: 91 Resp: 44851
 Ion Ratio Lower Upper
 91 100
 126 0.9 17.5 52.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 29.499 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

Tgt Ion: 105 Resp: 336294
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 65.092 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILME

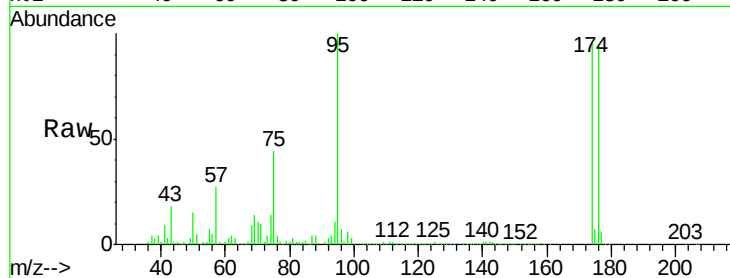
Tot Ion: 75 Resp: 85809

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

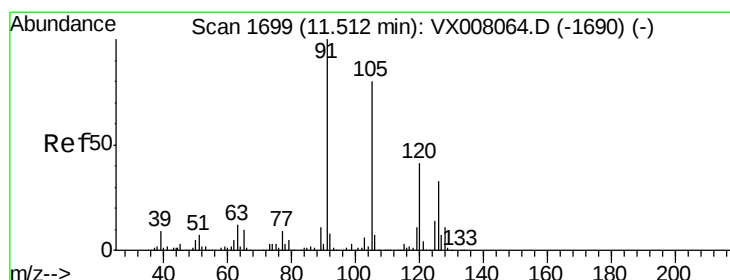
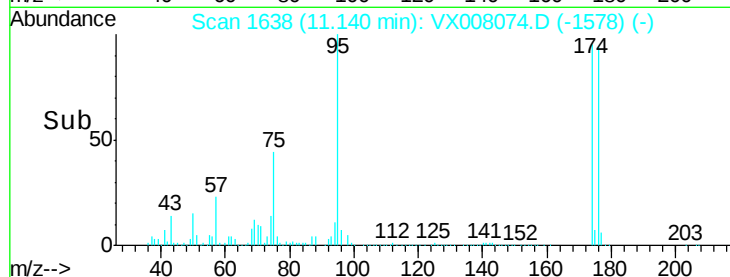
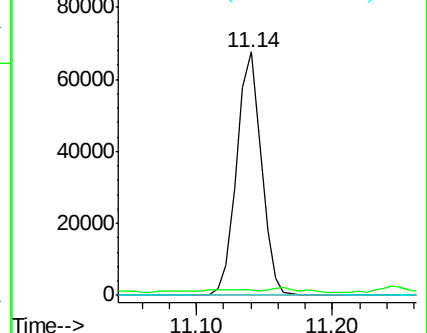
89 0.0 36.3 54.5#



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: 3.150 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008074.D

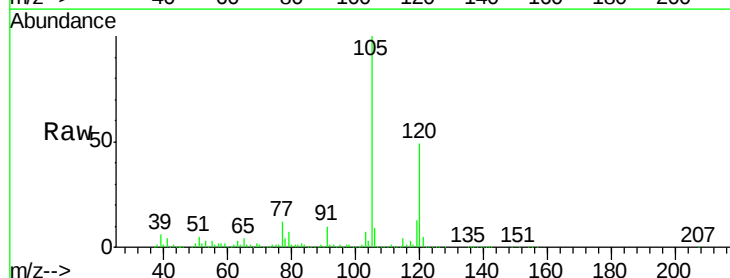
Acq: 14 Mar 2019 16:46

Tgt Ion: 91 Resp: 33445

Ion Ratio Lower Upper

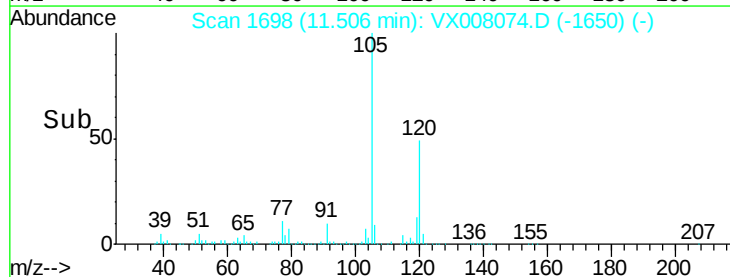
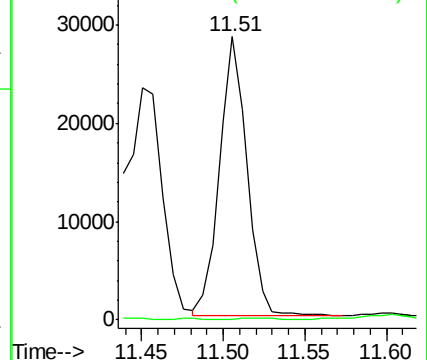
91 100

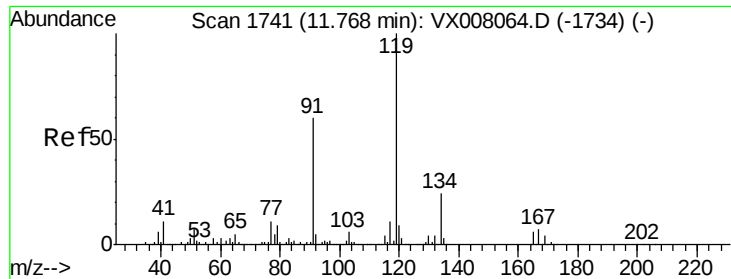
126 1.1 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 2.678 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILME

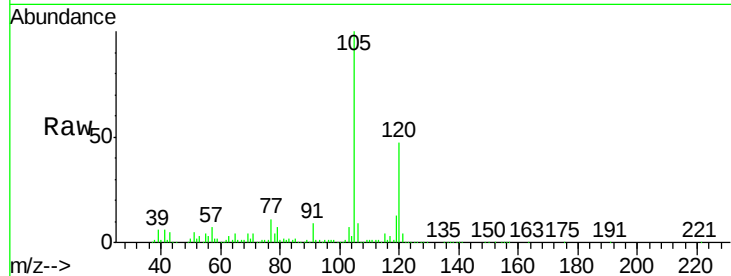
Tot Ion:119 Resp: 30594

Ion Ratio Lower Upper

119 100

91 74.5 27.1 81.3

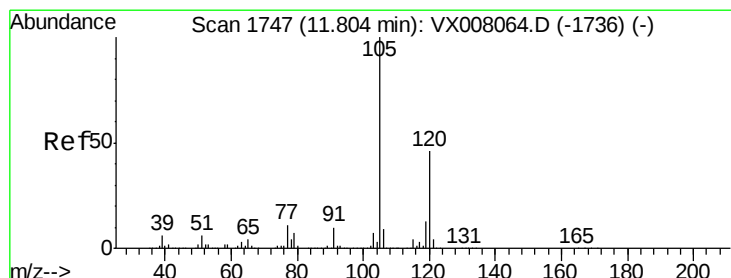
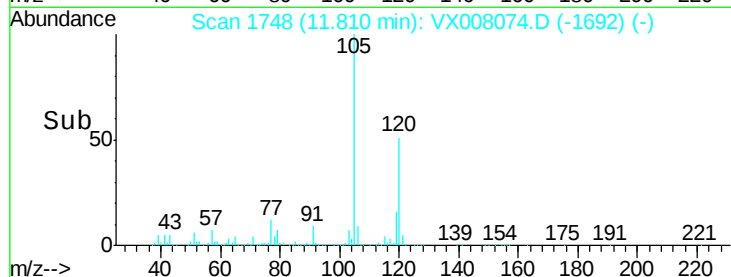
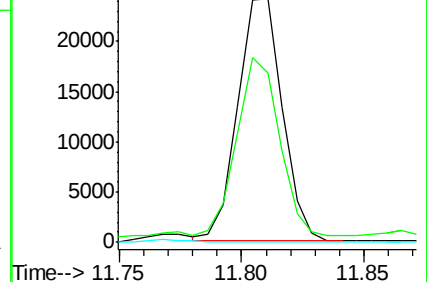
134 0.0 11.4 34.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.022 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008074.D

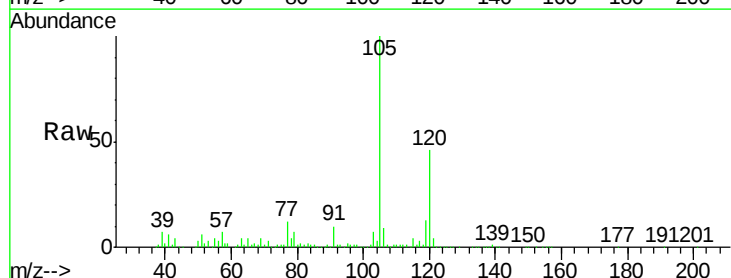
Acq: 14 Mar 2019 16:46

Tgt Ion:105 Resp: 235439

Ion Ratio Lower Upper

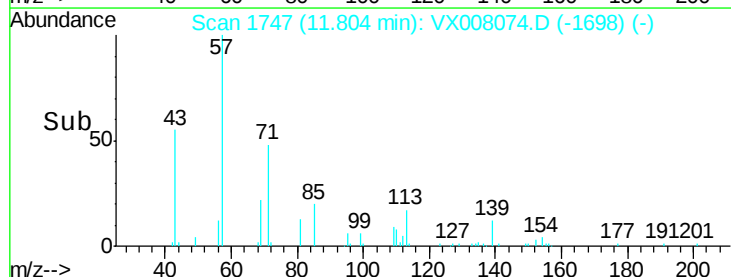
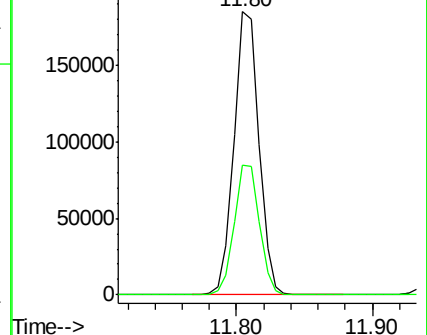
105 100

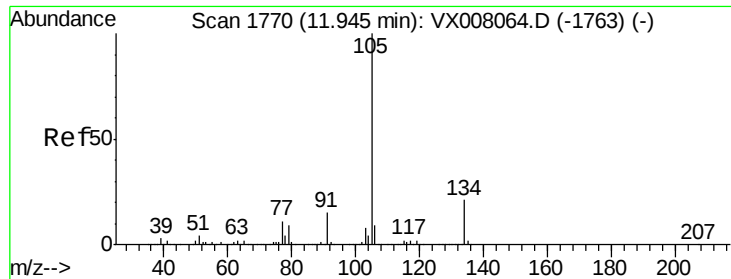
120 46.5 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

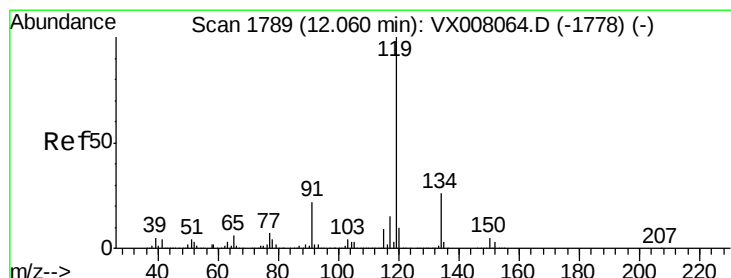
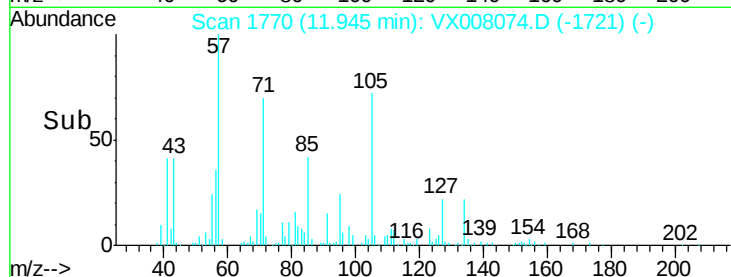
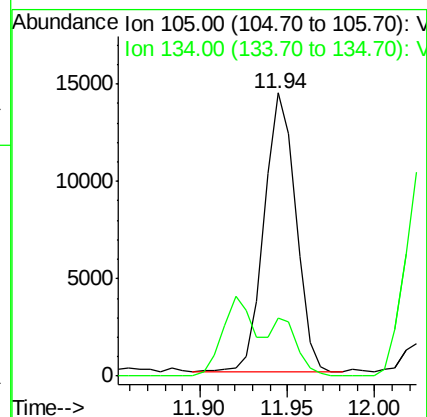
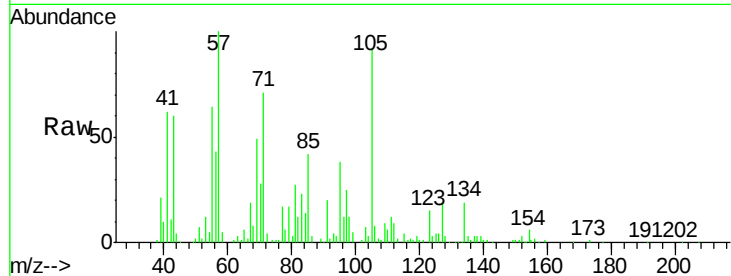




#85
 sec-Butylbenzene
 Concen: 1.320 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

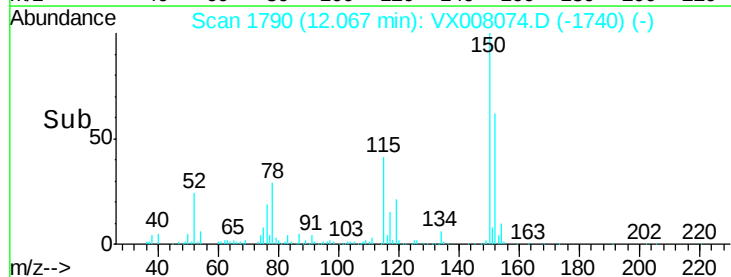
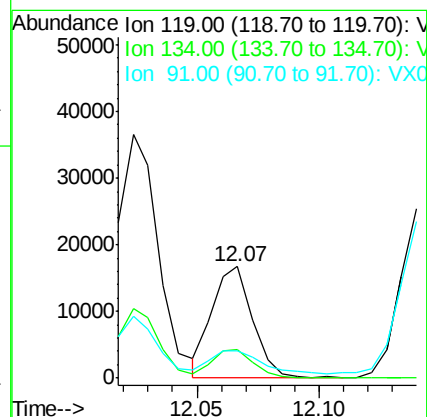
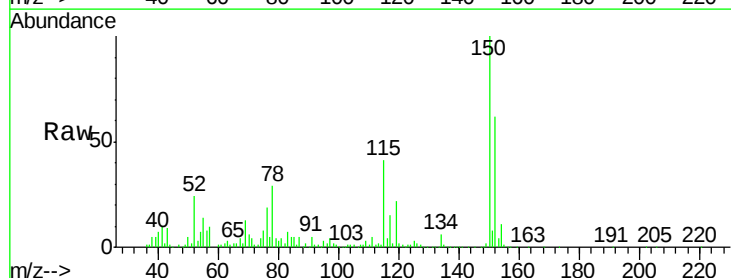
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOILME

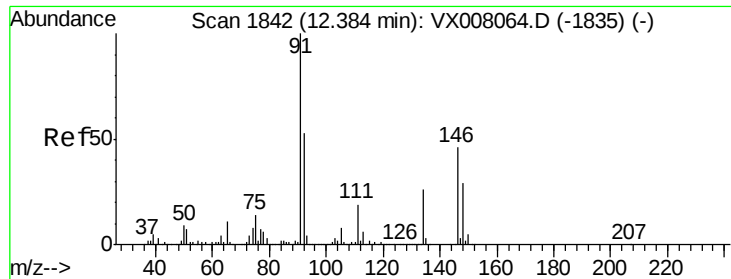
Tot Ion:105 Resp: 17966
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 1.537 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX008074.D
 Acq: 14 Mar 2019 16:46

Tgt Ion:119 Resp: 18918
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.9
 91 27.2 10.9 32.7

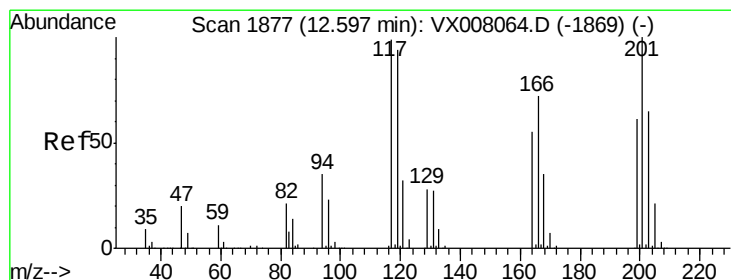
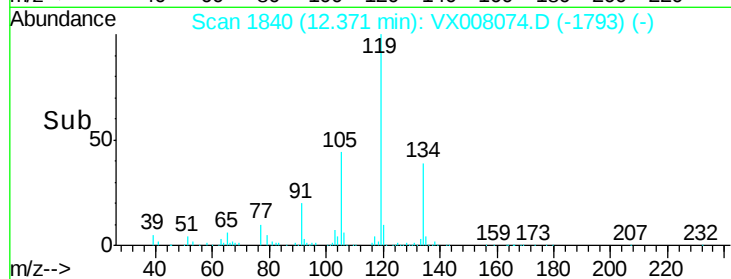
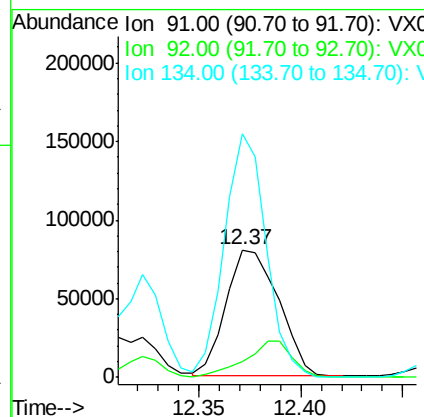
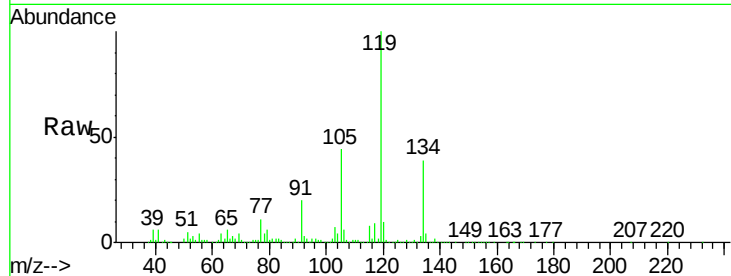




#89
n-Butylbenzene
Concen: 13.921 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

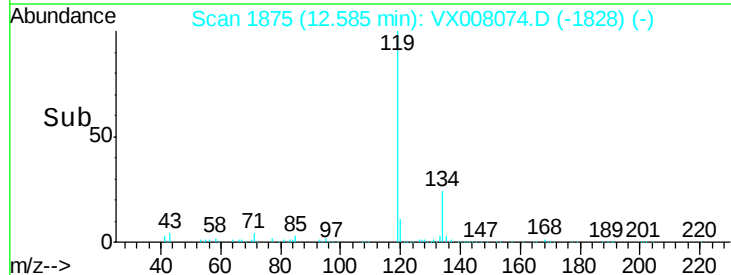
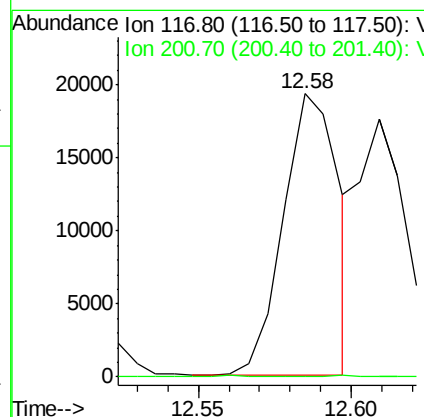
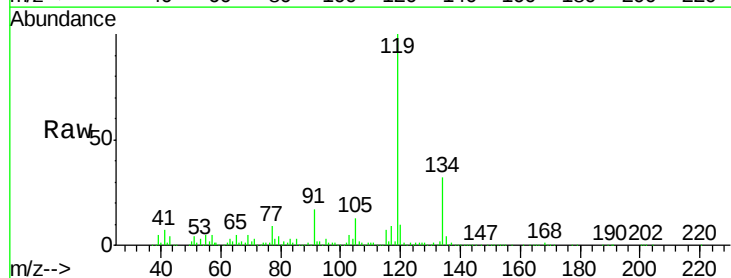
Instrument :
MSVOA_X
ClientSampled :
OILY-SOILME

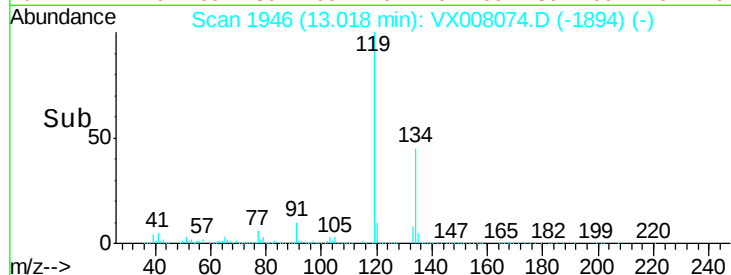
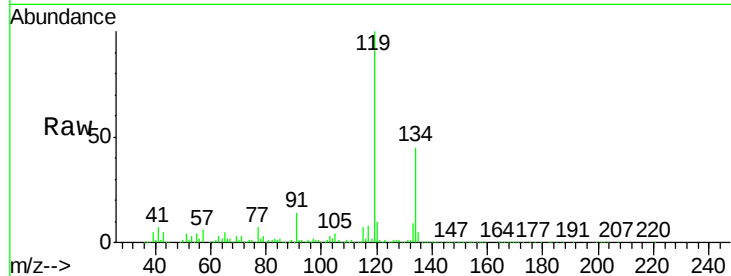
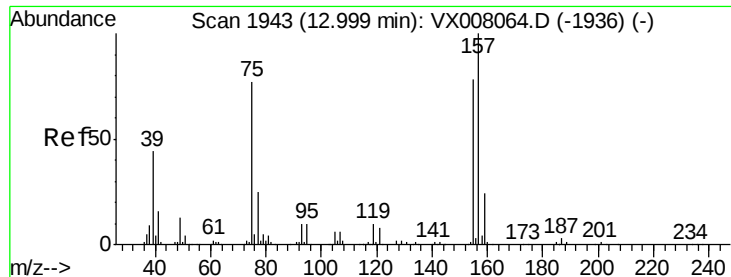
Tot Ion: 91 Resp: 143390
Ion Ratio Lower Upper
91 100
92 25.7 27.0 80.8#
134 153.1 13.7 41.0#



#90
Hexachloroethane
Concen: 12.412 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

Tgt Ion: 117 Resp: 24453
Ion Ratio Lower Upper
117 100
201 0.7 48.9 146.7#

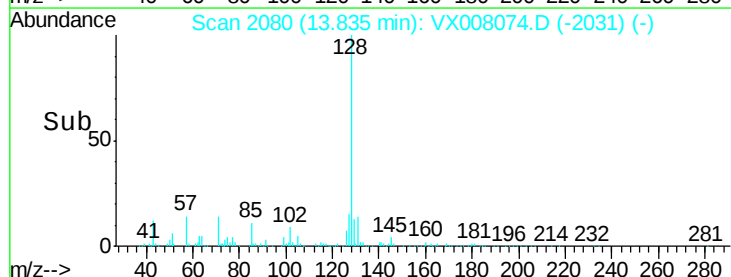
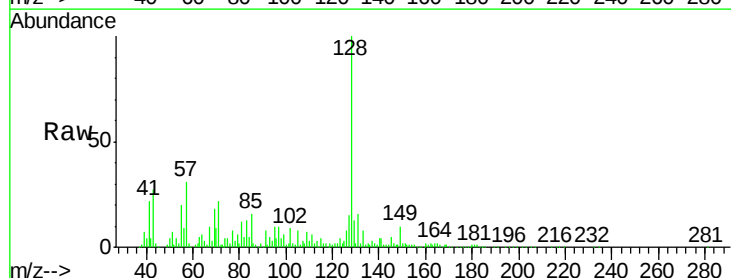
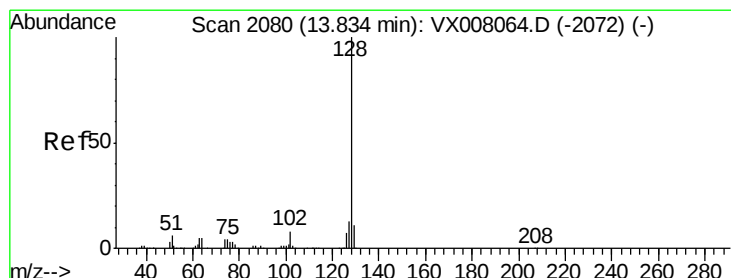
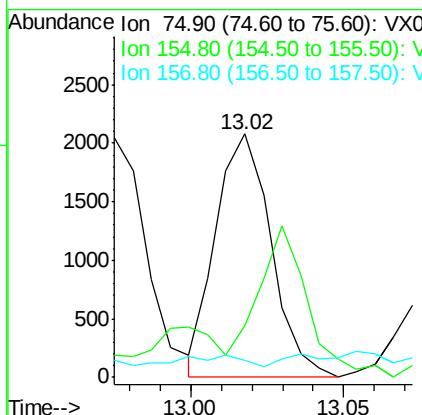




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.837 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

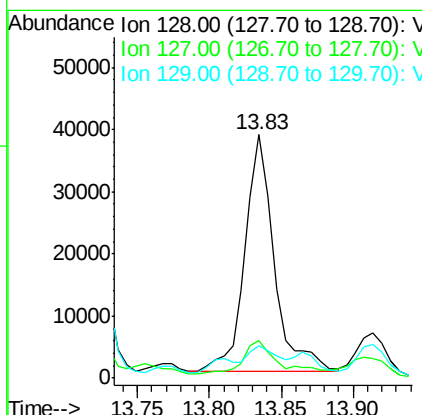
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOILME

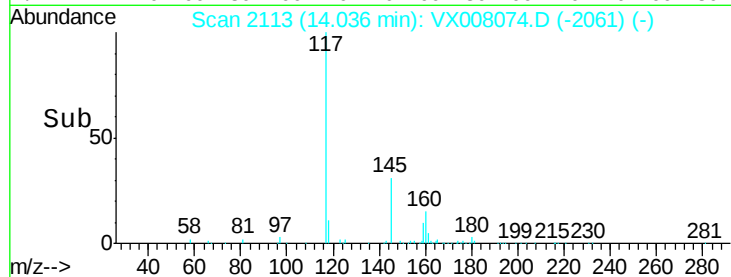
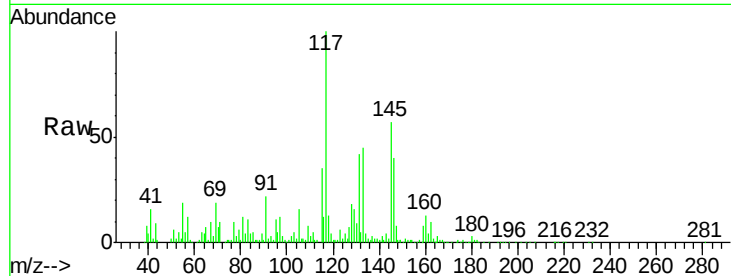
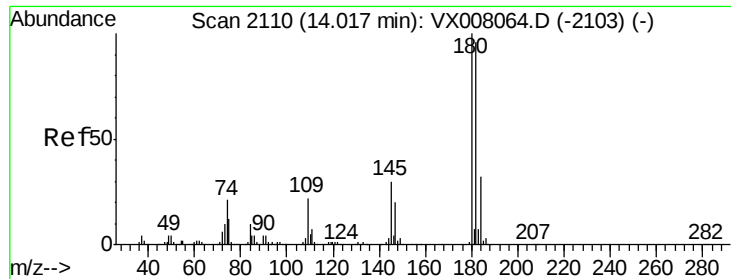
Tot Ion: 75 Resp: 2600
Ion Ratio Lower Upper
75 100
155 18.3 49.7 149.1#
157 6.2 63.8 191.4#



#95
Naphthalene
Concen: 4.083 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008074.D
Acq: 14 Mar 2019 16:46

Tgt Ion: 128 Resp: 54227
Ion Ratio Lower Upper
128 100
127 16.0 10.3 15.5#
129 5.4 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.412 ug/l

RT: 14.04 min Scan# 2113

Delta R.T. 0.02 min

Lab File: VX008074.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOILME

Tot Ion:180 Resp: 1916

Ion Ratio Lower Upper

180 100

182 24.8 47.5 142.5#

145 2361.4 14.8 44.3#

