

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052555.D
 Acq On : 29 Nov 2018 10:52
 Operator : MD\SY
 Sample : J6064-01DL 400X
 Misc : 4.96g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOILD

Quant Time: Nov 30 00:16:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1348068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2033562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1743189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	676814	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	673602	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
35) Dibromofluoromethane	7.59	113	611238	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	10.09	98	2484278	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	764765	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	

Target Compounds

						Qvalue
13) Acrolein	3.60	56	60	33.515	ug/l #	14
15) Acrylonitrile	5.06	53	2467	0.530	ug/l #	38
16) Acetone	3.81	43	4023	1.039	ug/l #	76
18) Methyl Acetate	4.60	43	91877	8.273	ug/l #	52
25) 2-Butanone	6.83	43	1118	0.204	ug/l #	50
30) Chloroform	7.32	83	14689	0.564	ug/l #	18
31) Cyclohexane	7.65	56	234701	8.990	ug/l #	95
36) 1,1-Dichloropropene	7.67	75	93302	4.859	ug/l #	52
38) Carbon Tetrachloride	7.66	117	119065	6.849	ug/l #	16
39) Methylcyclohexane	9.08	83	523599	22.433	ug/l	99
40) Benzene	8.04	78	205254	3.586	ug/l	100
41) Methacrylonitrile	7.21	41	4704	0.734	ug/l #	32
43) Isopropyl Acetate	8.15	43	21462	1.082	ug/l #	51
45) 1,2-Dichloropropane	9.08	63	5059	0.332	ug/l #	1
47) Bromodichloromethane	9.39	83	26334	1.438	ug/l #	27
48) Methyl methacrylate	9.14	41	14568	1.409	ug/l #	33
51) 4-Methyl-2-Pentanone	10.09	43	16553	1.488	ug/l #	1
52) Toluene	10.16	92	1344601	39.544	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	14841	0.842	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	40258	3.366	ug/l #	16
56) Ethyl methacrylate	10.44	69	5750	3.021	ug/l #	1
59) 2-Hexanone	10.72	43	27201	3.642	ug/l #	29
67) Ethyl Benzene	11.51	91	843158	13.395	ug/l	100
68) m/p-Xylenes	11.62	106	1968049	83.987	ug/l	100
69) o-Xylene	11.95	106	768582	33.776	ug/l	100
70) Styrene	11.95	104	37018	1.021	ug/l #	1
71) Bromoform	12.40	173	4473	0.541	ug/l #	1
73) Isopropylbenzene	12.25	105	94108	1.772	ug/l	99
74) N-amyl acetate	12.05	43	11665	0.870	ug/l #	53
76) 1,2,3-Trichloropropane	12.65	75	13932	1.335	ug/l #	100
78) n-propylbenzene	12.59	91	398679	6.609	ug/l	100
79) 2-Chlorotoluene	12.66	91	189585	5.277	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	779902	18.416	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	369509	118.234	ug/l #	11

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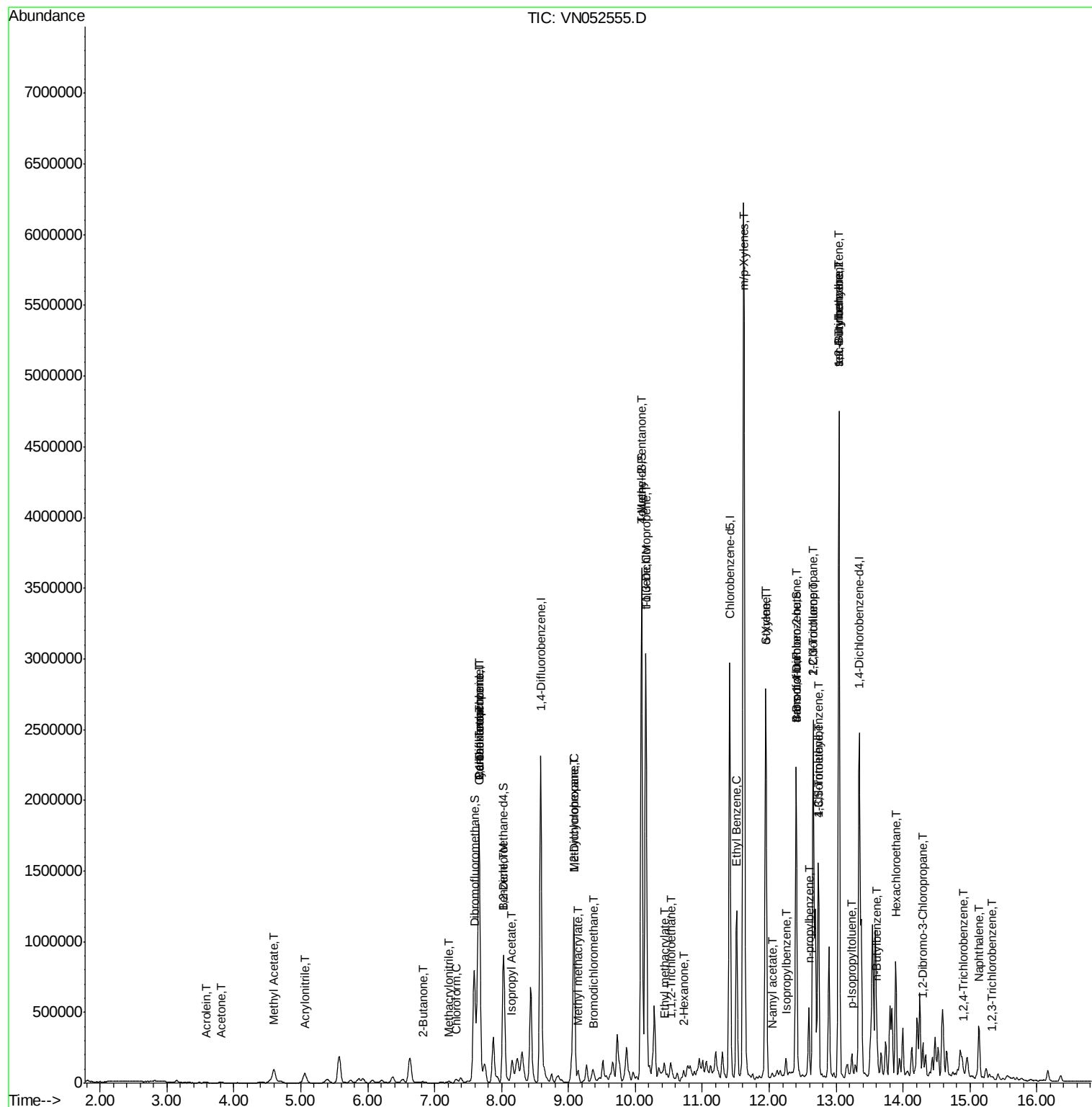
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82) 4-Chlorotoluene	12.73	91	79576	2.198	ug/l #	41
83) tert-Butylbenzene	13.04	119	332490	8.807	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	2710808	63.872	ug/l	100
85) sec-Butylbenzene	13.04	105	2710808	52.716	ug/l #	57
86) p-Isopropyltoluene	13.24	119	82209	1.877	ug/l	97
89) n-Butylbenzene	13.62	91	95417	2.620	ug/l #	66
90) Hexachloroethane	13.89	117	42561	5.739	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.29	75	1064	0.616	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	1281	2.930	ug/l #	80
95) Naphthalene	15.13	128	317183	15.022	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1117	2.823	ug/l #	3

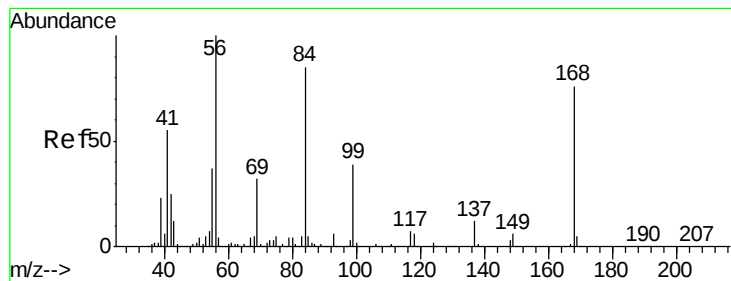
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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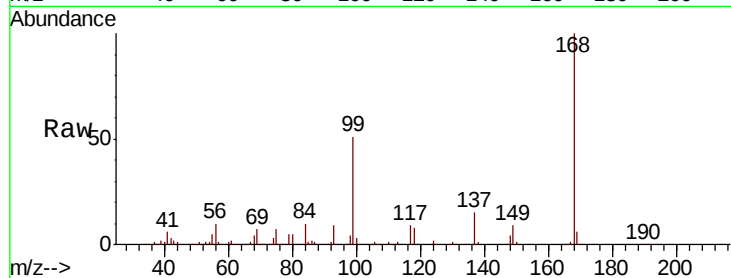


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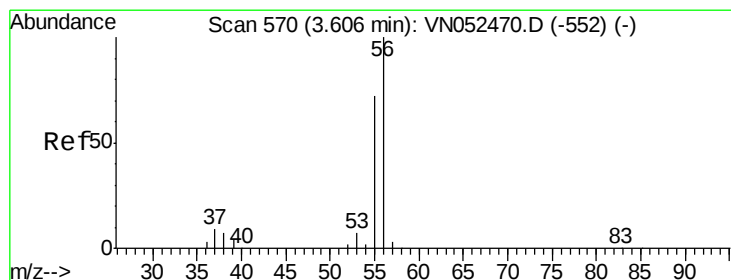
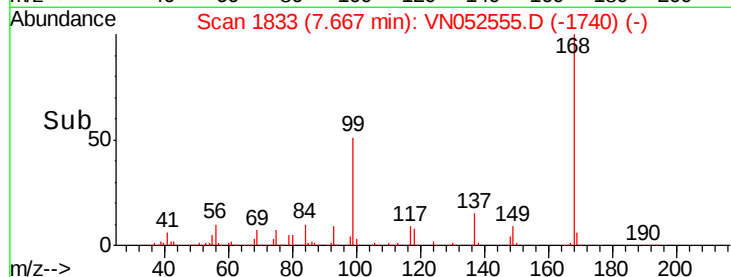
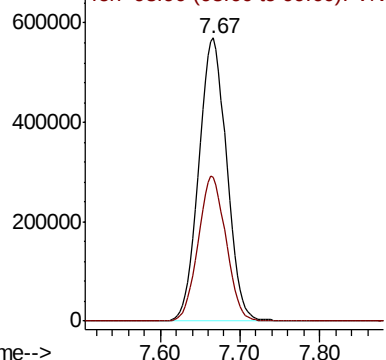
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN052555.D
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Instrument :
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 ClientSampleId :
 OILY-SOILD

Tot Ion:168 Resp: 1348068
 Ion Ratio Lower Upper
 168 100
 99 50.6 41.7 62.5



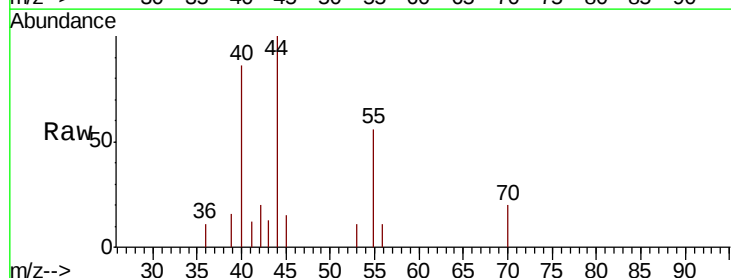
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN



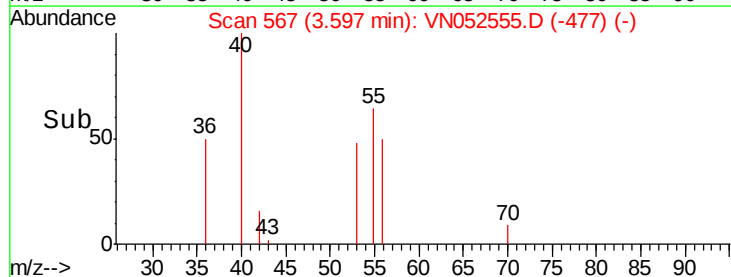
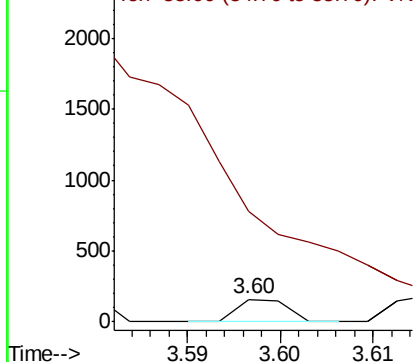
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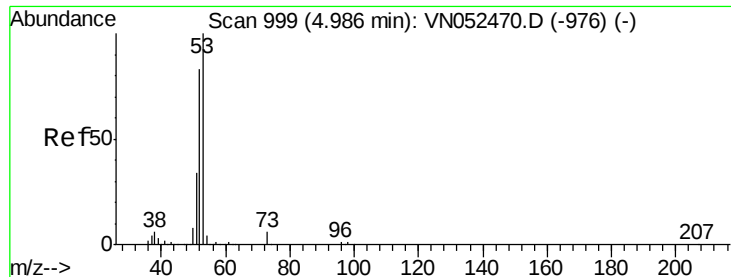
Acrolein
 Concen: 33.515 ug/l
 RT: 3.60 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

Tgt Ion: 56 Resp: 60
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO





#15

Acrylonitrile

Concen: 0.530 ug/l

RT: 5.06 min Scan# 1022

Delta R.T. 0.07 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Instrument :

MSVOA_N

ClientSampled :

OILY-SOILDL

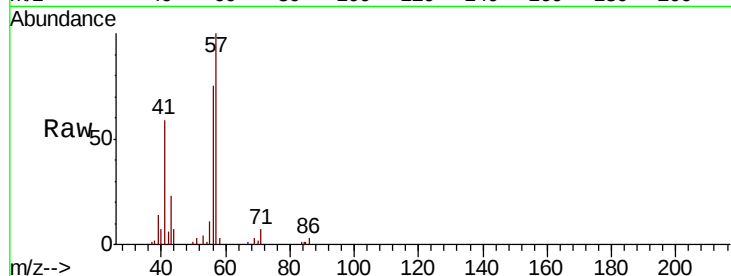
Tot Ion: 53 Resp: 2467

Ion Ratio Lower Upper

53 100

52 5.7 66.2 99.2#

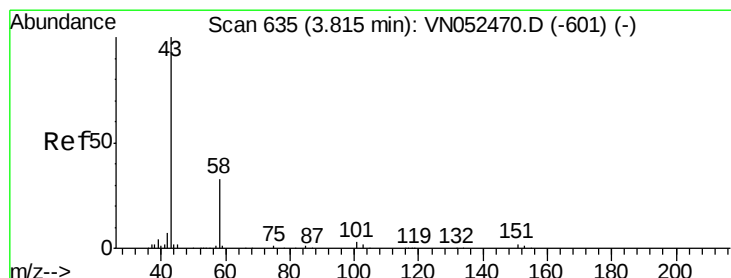
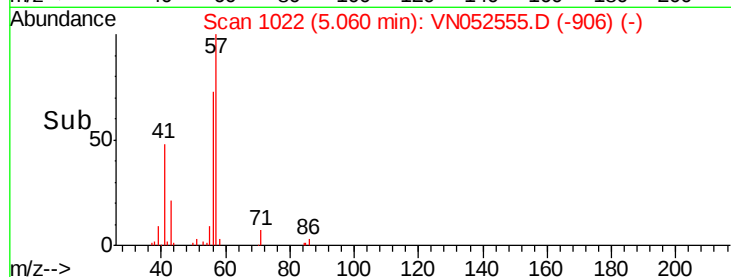
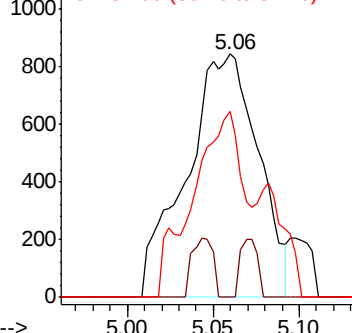
51 31.2 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 1.039 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052555.D

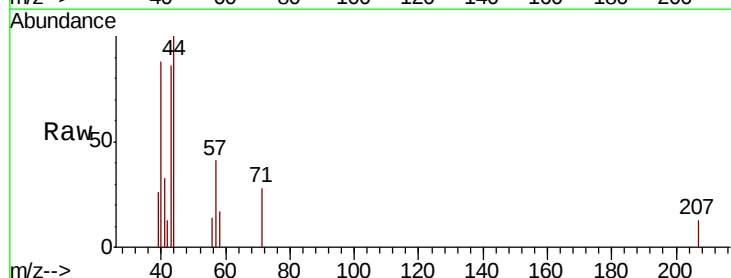
Acq: 29 Nov 2018 10:52

Tgt Ion: 43 Resp: 4023

Ion Ratio Lower Upper

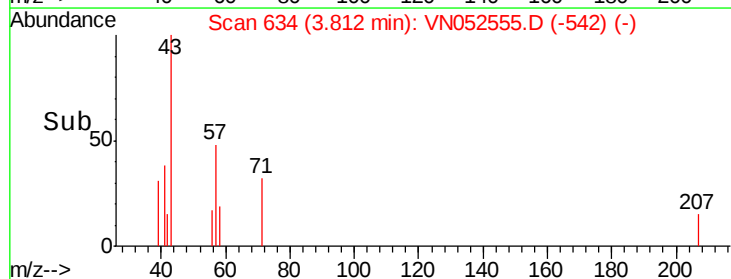
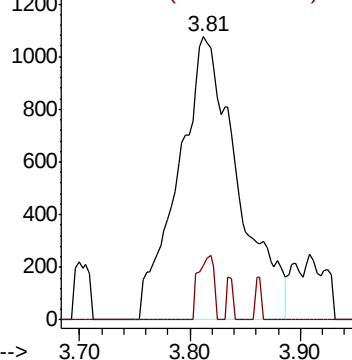
43 100

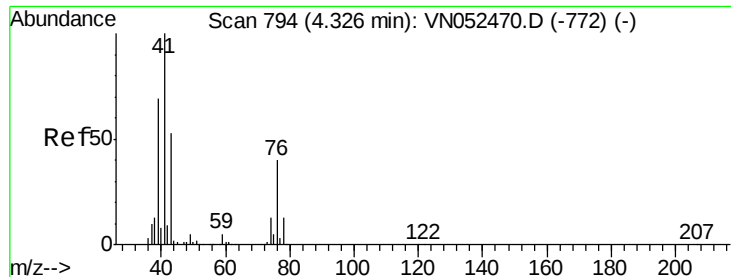
58 19.3 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

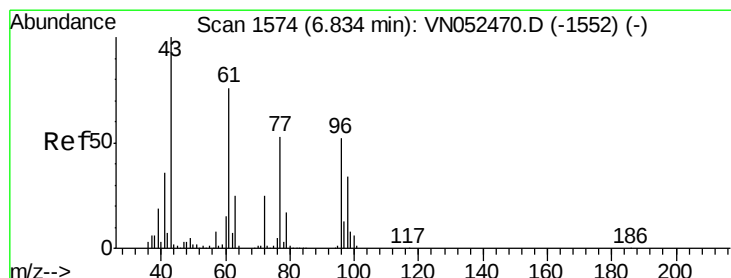
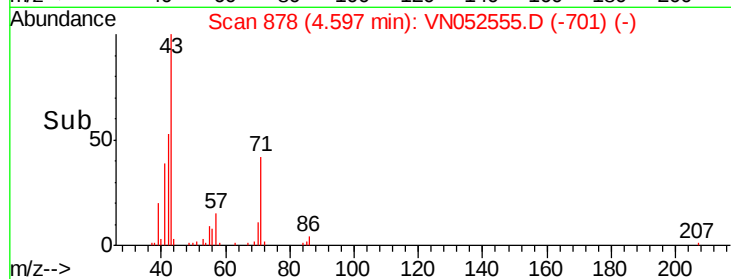
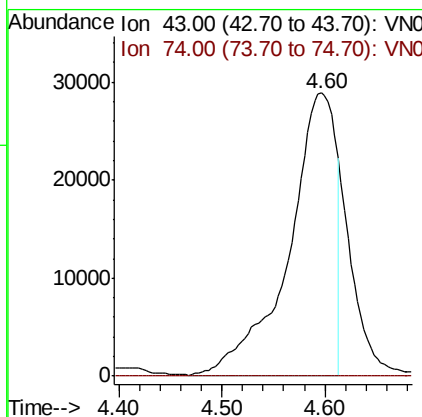
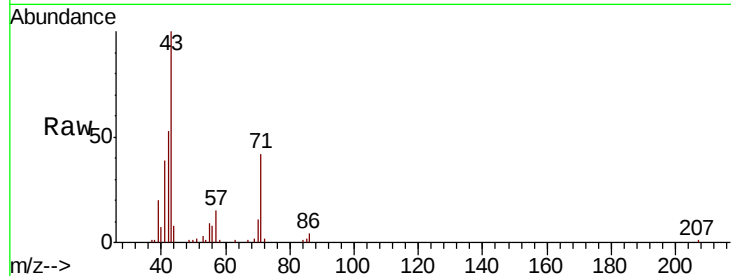




#18
Methvl Acetate
Concen: 8.273 ug/l
RT: 4.60 min Scan# 878
Delta R.T. 0.27 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

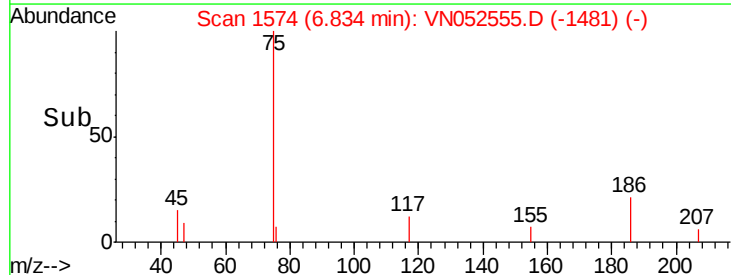
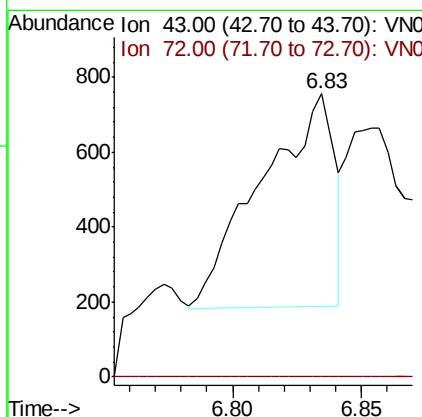
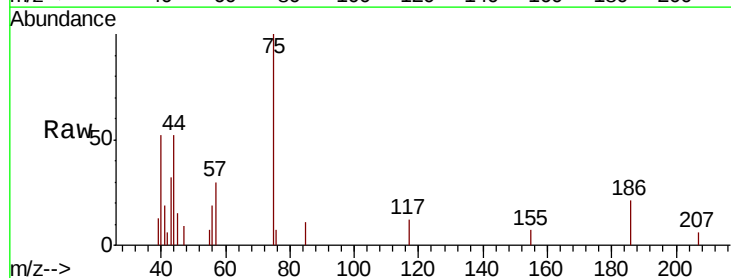
Instrument :
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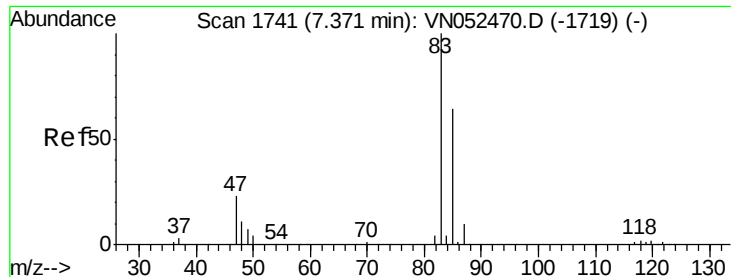
Tot Ion: 43 Resp: 91877
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#25
2-Butanone
Concen: 0.204 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#

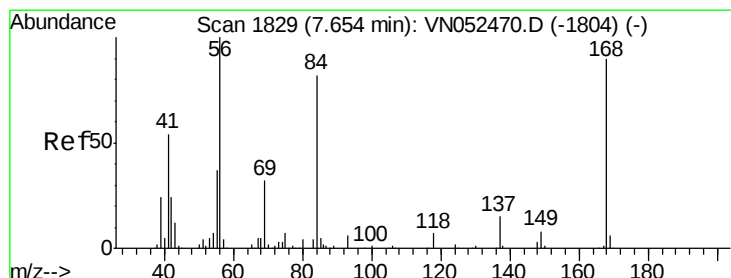
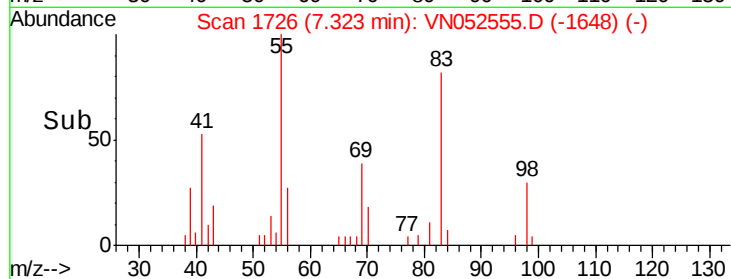
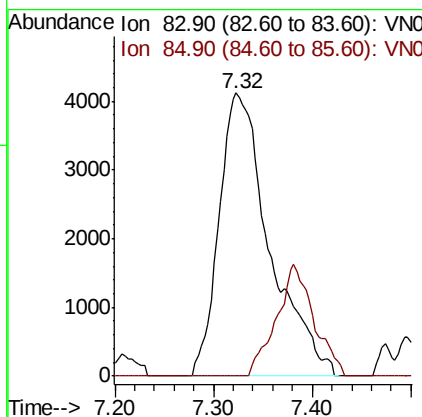
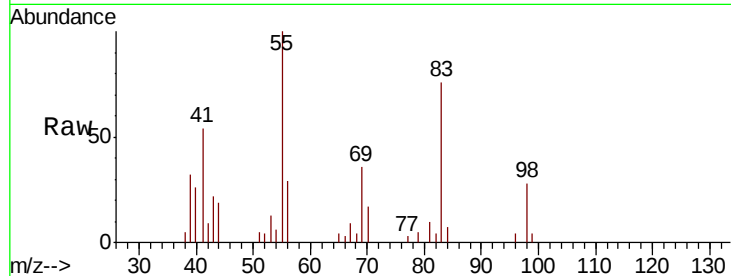




#30
Chloroform
Concen: 0.564 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.05 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

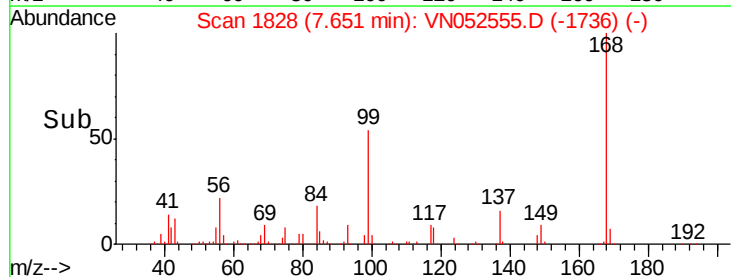
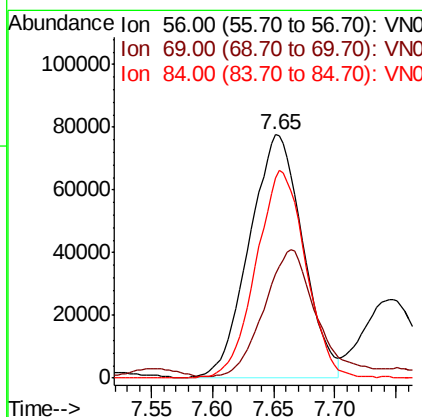
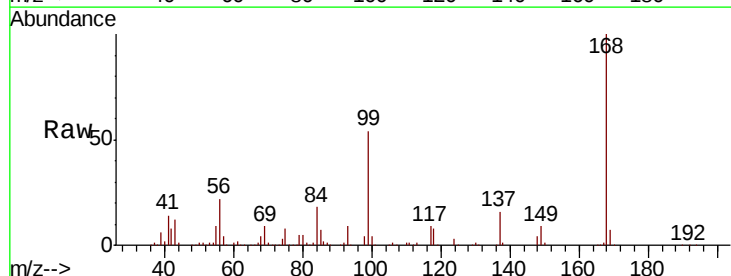
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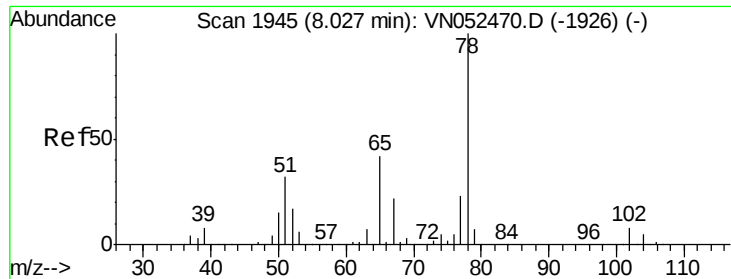
Tot Ion: 83 Resp: 14689
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.4#



#31
Cyclohexane
Concen: 8.990 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Tgt Ion: 56 Resp: 234701
Ion Ratio Lower Upper
56 100
69 41.2 25.8 38.6#
84 82.6 65.3 97.9

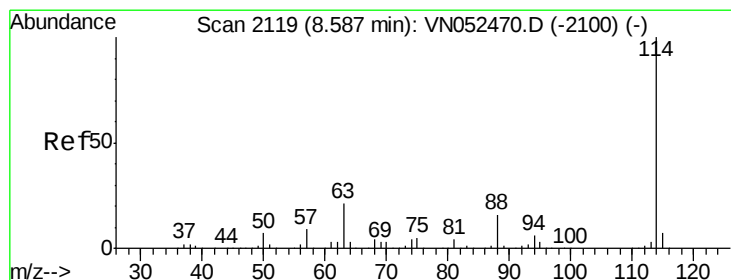
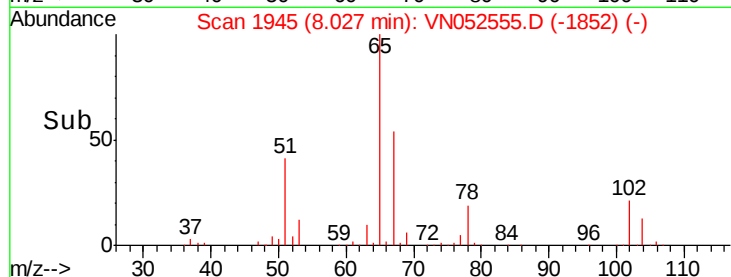
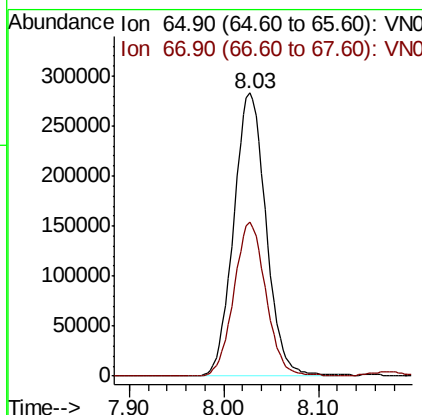
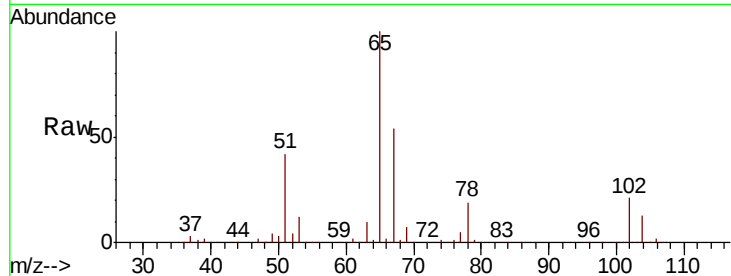




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

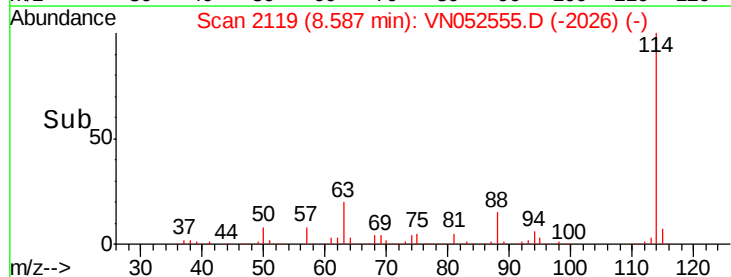
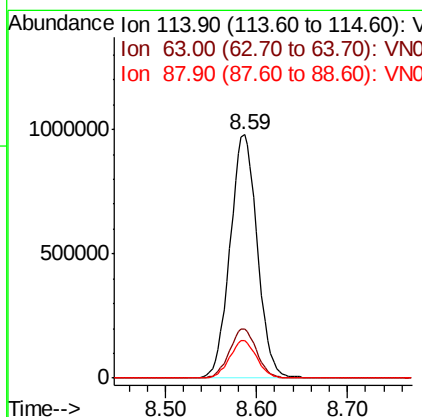
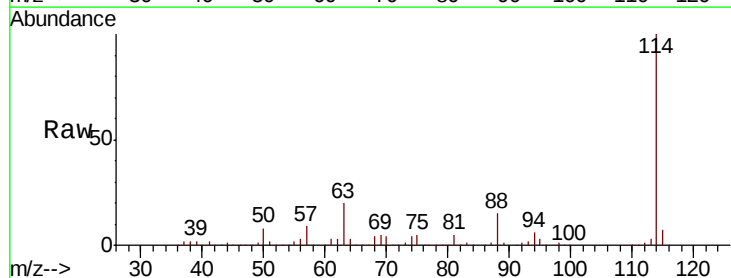
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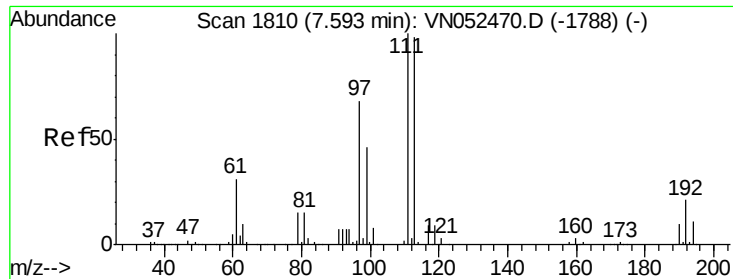
Tot Ion: 65 Resp: 673602
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

Tgt Ion: 114 Resp: 2033562
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 15.3 0.0 31.6

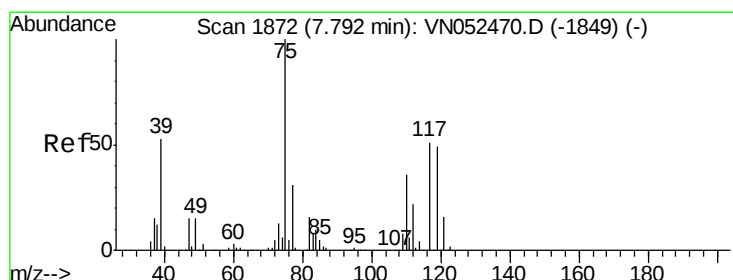
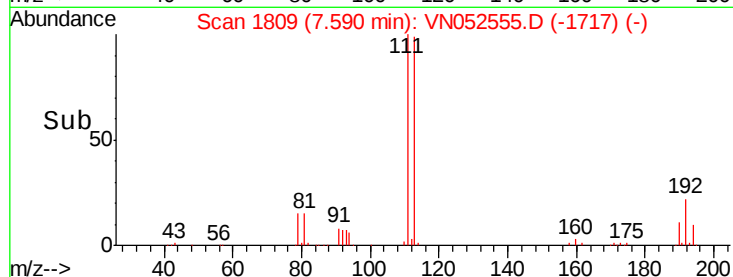
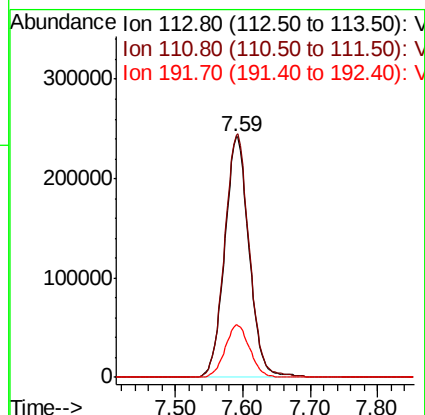
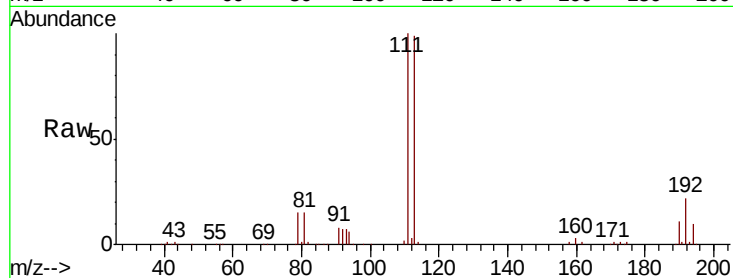




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

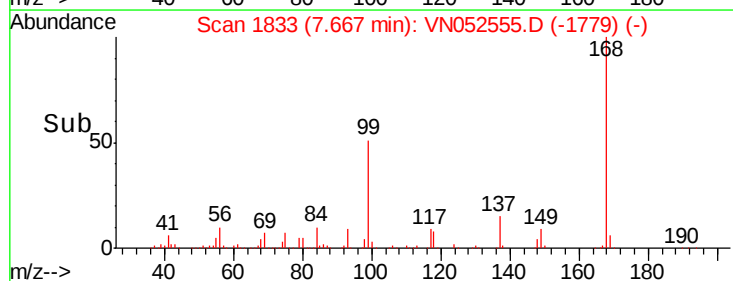
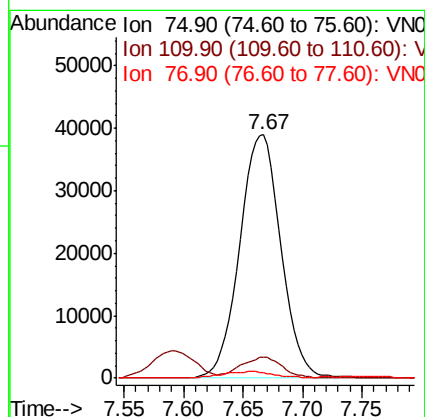
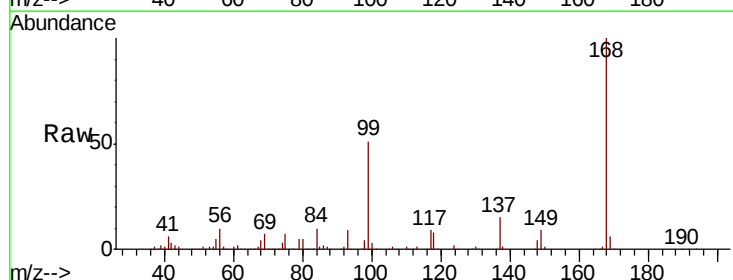
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 ClientSampleId :
 OILY-SOILD

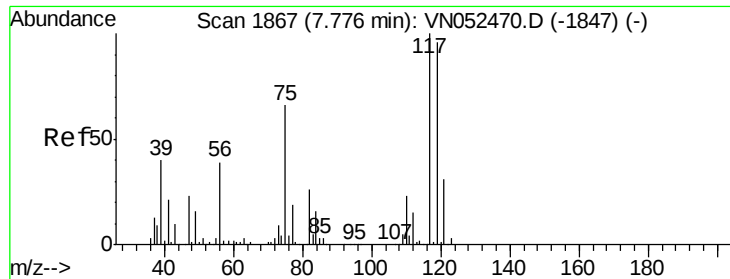
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	22.0	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.5	52.6#
77	3.3	24.5	36.7#

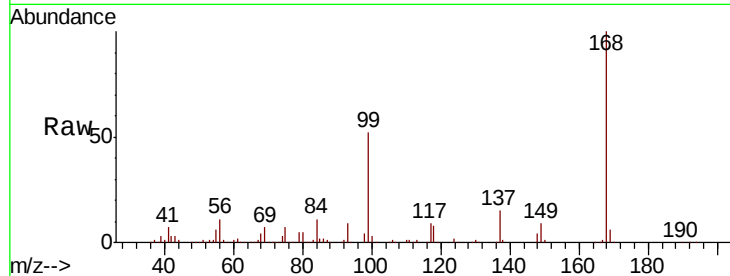




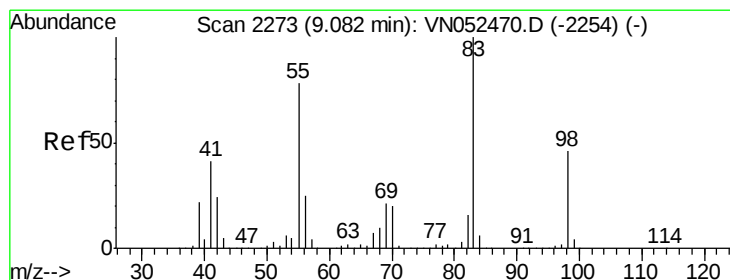
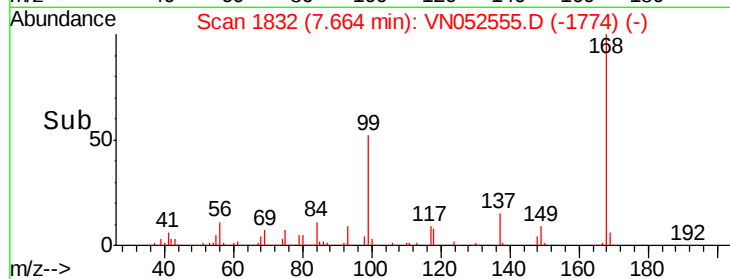
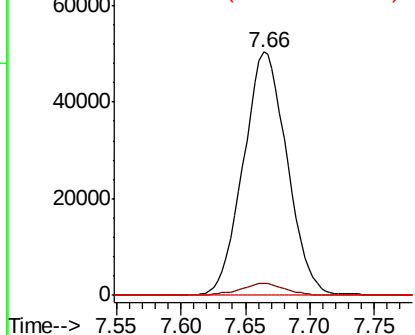
#38
Carbon Tetrachloride
Concen: 6.849 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Instrument :
MSVOA_N
ClientSampleId :
OILY-SOILDL

Tot Ion:117 Resp: 119065
Ion Ratio Lower Upper
117 100
119 5.0 76.8 115.2#
121 0.0 24.9 37.3#

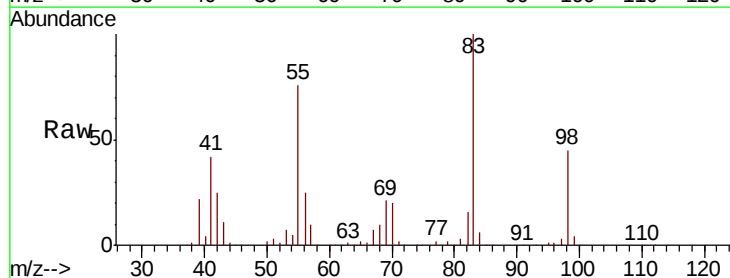


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

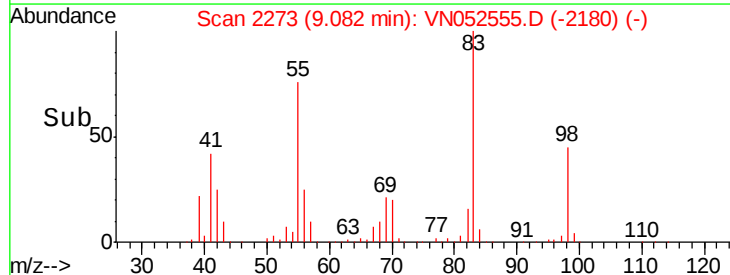
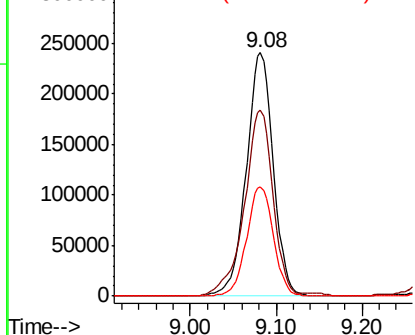


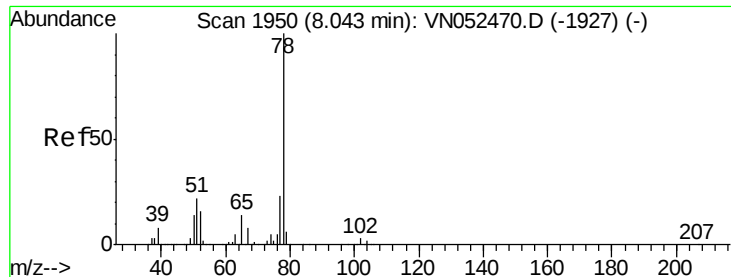
#39
Methylcyclohexane
Concen: 22.433 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Tgt Ion: 83 Resp: 523599
Ion Ratio Lower Upper
83 100
55 76.5 62.2 93.2
98 44.9 36.4 54.6



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





#40

Benzene

Concen: 3.586 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

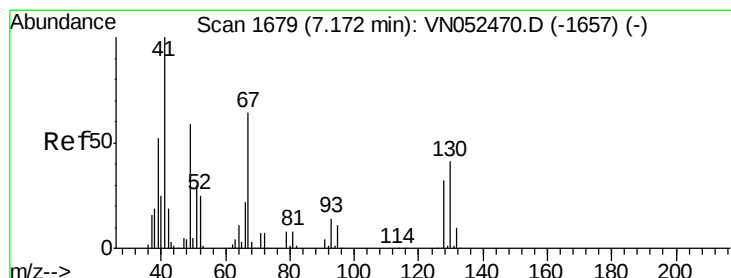
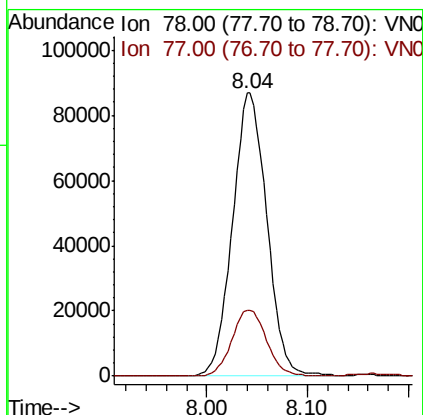
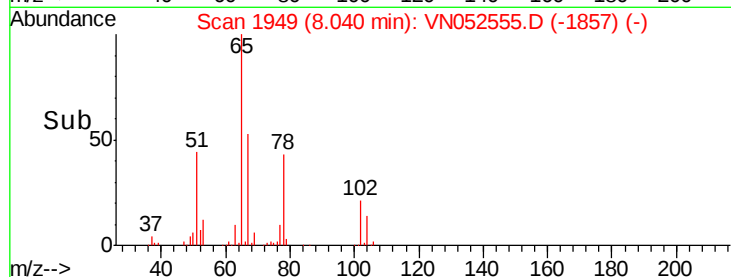
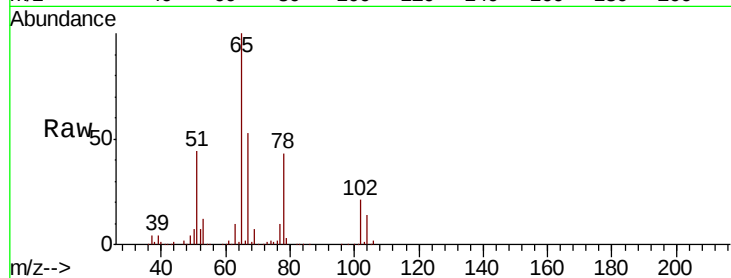
OILY-SOILDL

Tot Ion: 78 Resp: 205254

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2



#41

Methacrylonitrile

Concen: 0.734 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Tgt Ion: 41 Resp: 4704

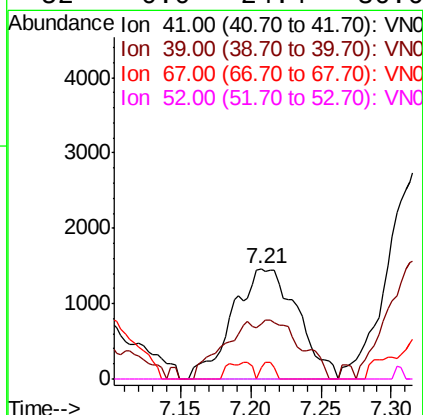
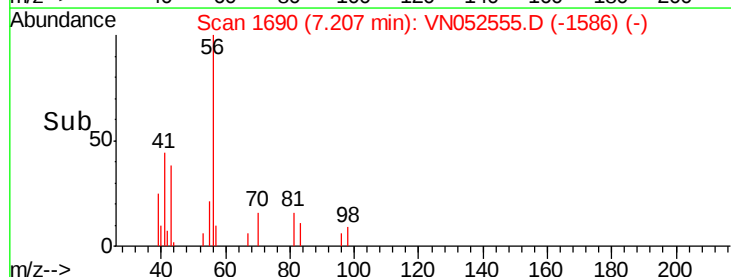
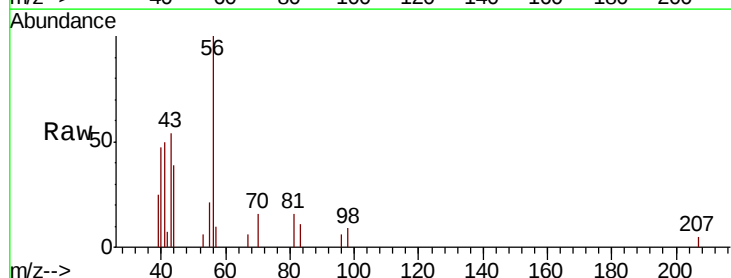
Ion Ratio Lower Upper

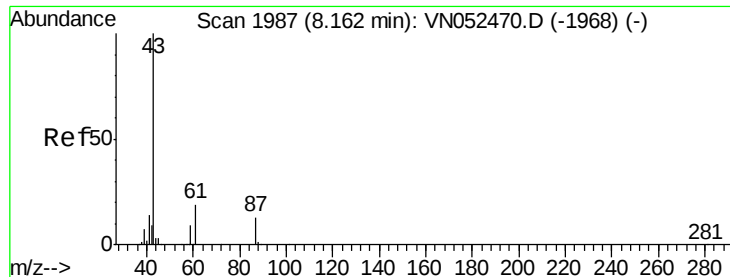
41 100

39 27.6 50.9 76.3#

67 0.0 63.6 95.4#

52 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 1.082 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Instrument :

MSVOA_N

ClientSampled :

OILY-SOILDL

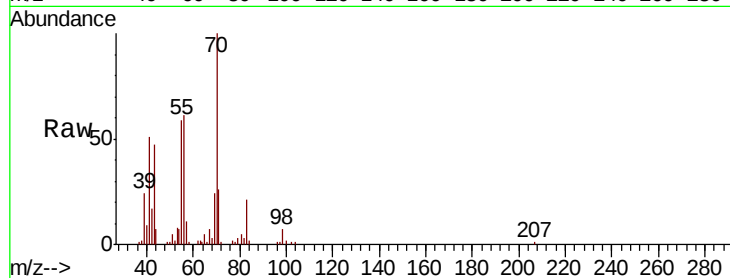
Tot Ion: 43 Resp: 21462

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

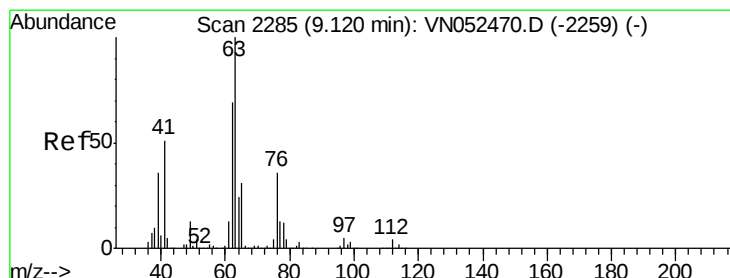
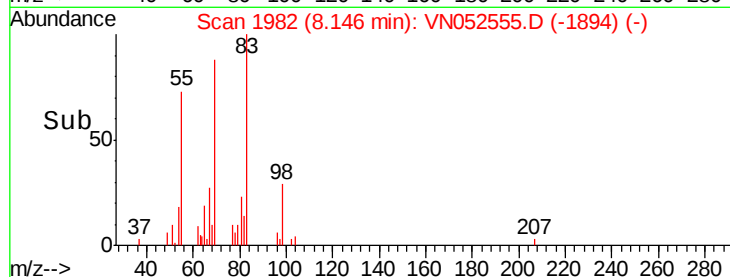
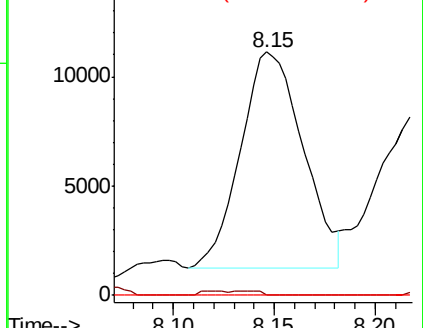
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.332 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.04 min

Lab File: VN052555.D

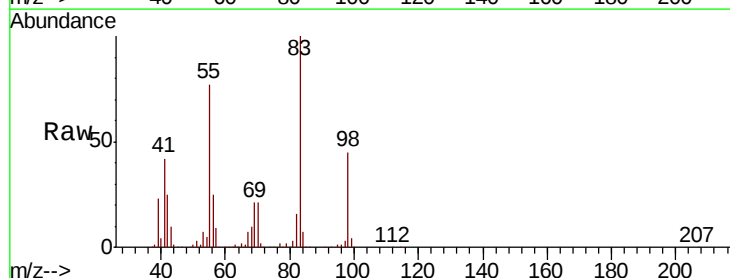
Acq: 29 Nov 2018 10:52

Tgt Ion: 63 Resp: 5059

Ion Ratio Lower Upper

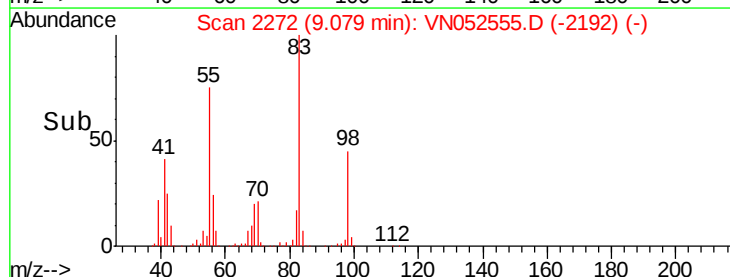
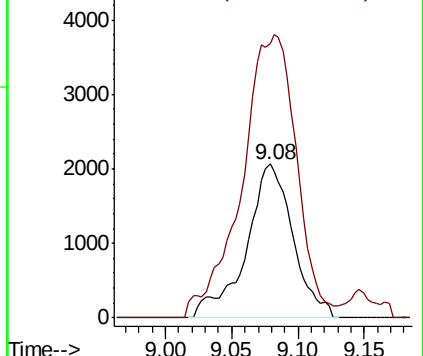
63 100

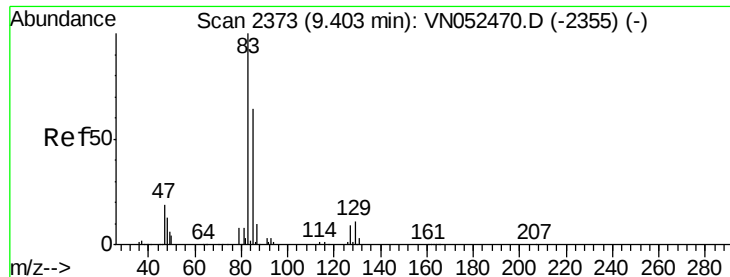
65 170.4 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN052470.D (-2259) (-)





#47

Bromodichloromethane

Concen: 1.438 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.01 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

OILY-SOILD

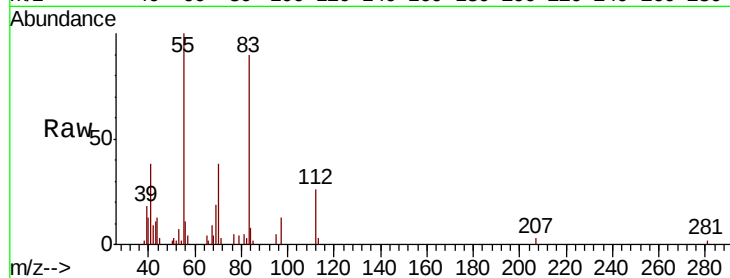
Tot Ion: 83 Resp: 26334

Ion Ratio Lower Upper

83 100

85 2.2 51.3 76.9#

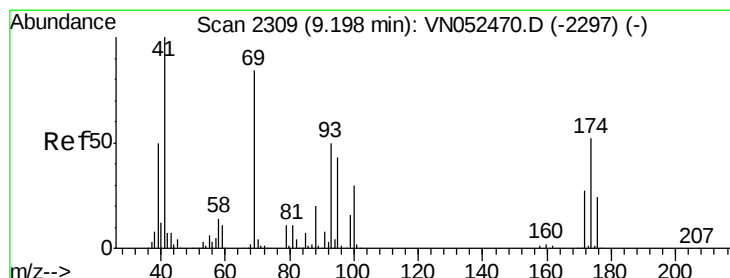
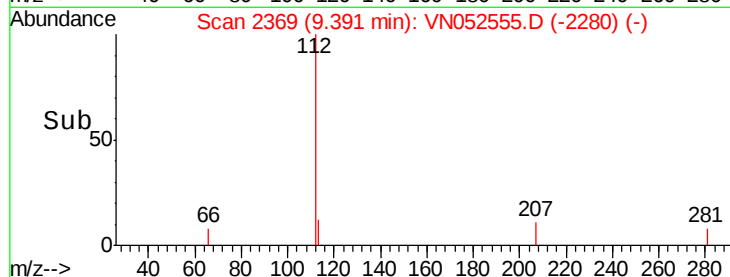
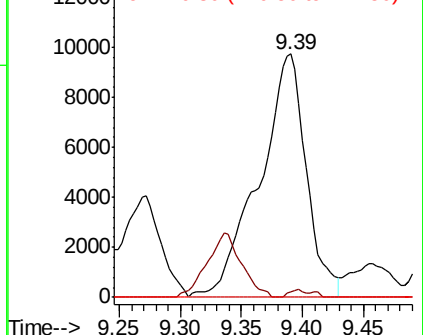
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 1.409 ug/l

RT: 9.14 min Scan# 2292

Delta R.T. -0.05 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

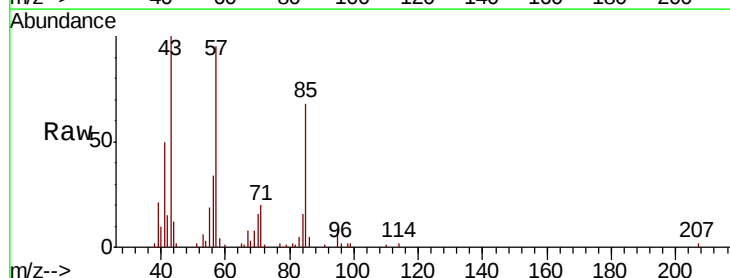
Tgt Ion: 41 Resp: 14568

Ion Ratio Lower Upper

41 100

69 0.0 70.0 105.0#

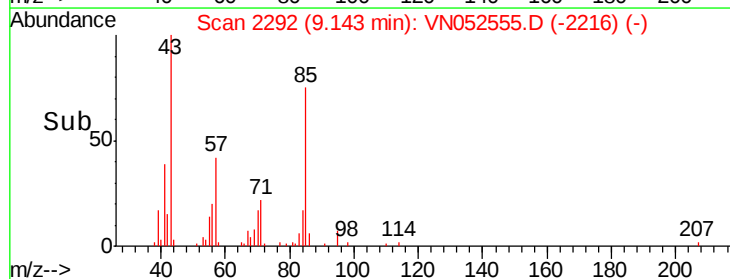
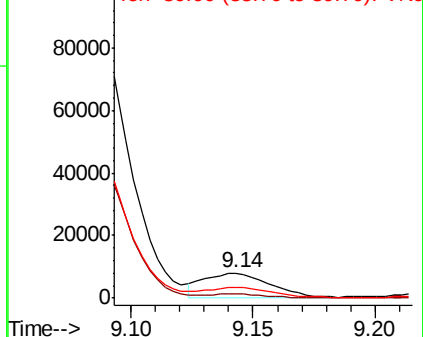
39 37.8 42.6 64.0#

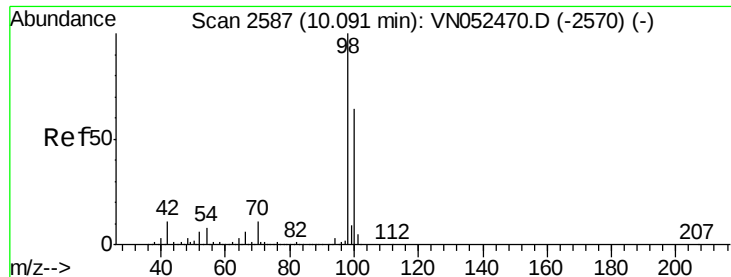


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

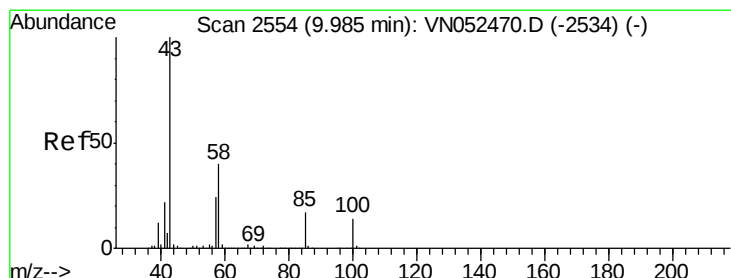
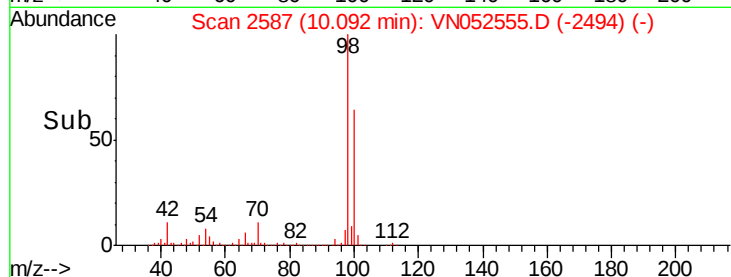
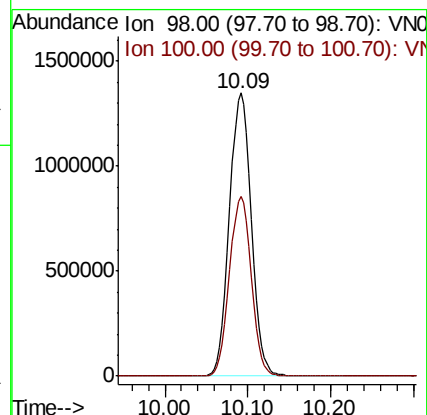
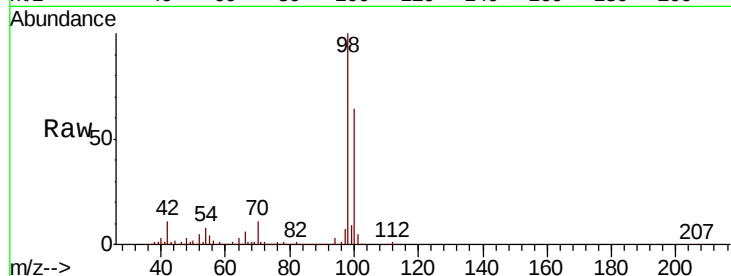
OILY-SOILDL

Tot Ion: 98 Resp: 2484278

Ion Ratio Lower Upper

98 100

100 63.3 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.488 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN052555.D

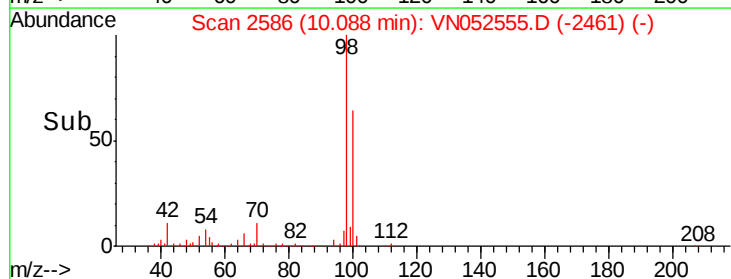
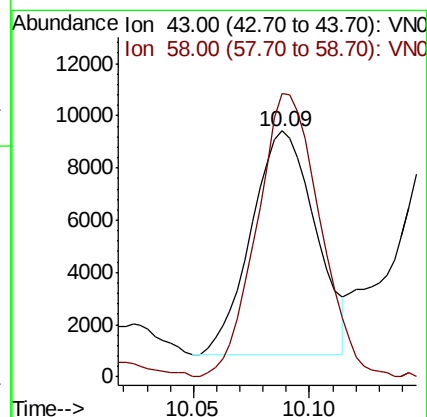
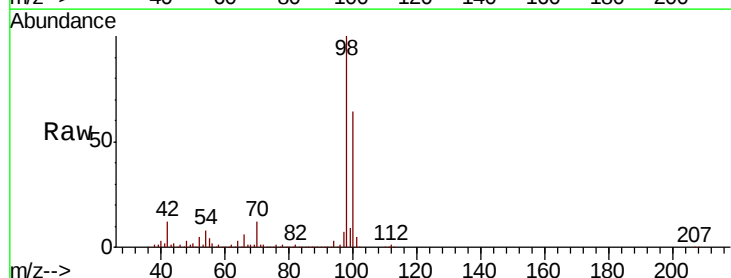
Acq: 29 Nov 2018 10:52

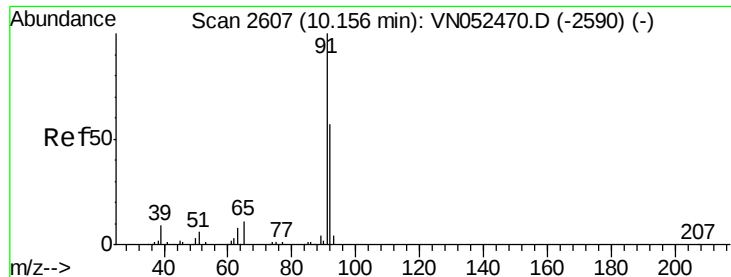
Tgt Ion: 43 Resp: 16553

Ion Ratio Lower Upper

43 100

58 124.0 31.5 47.3#





#52

Toluene

Concen: 39.544 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Instrument :

MSVOA_N

ClientSampled :

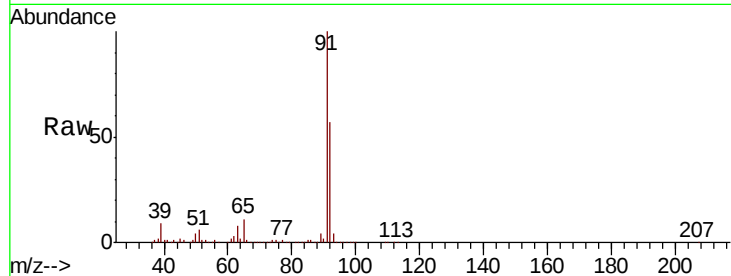
OILY-SOILDL

Tot Ion: 92 Resp: 1344601

Ion Ratio Lower Upper

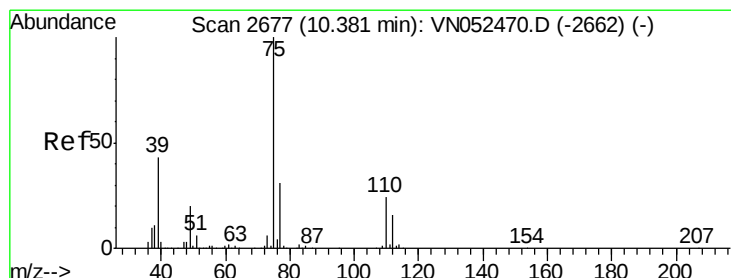
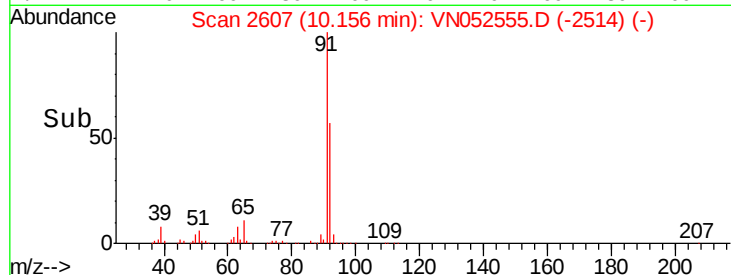
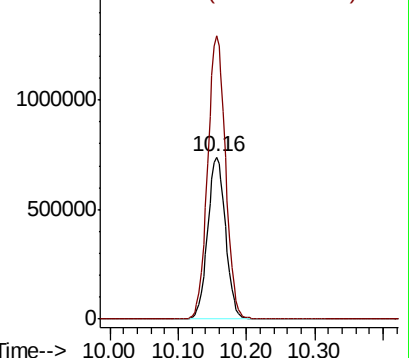
92 100

91 174.3 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN052470.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN052470.D (-2590) (-)



#53

t-1,3-Dichloropropene

Concen: 0.842 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN052555.D

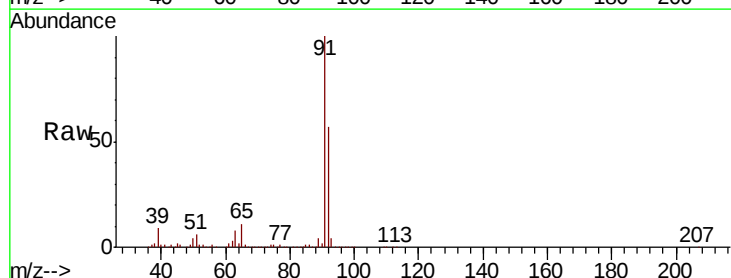
Acq: 29 Nov 2018 10:52

Tgt Ion: 75 Resp: 14841

Ion Ratio Lower Upper

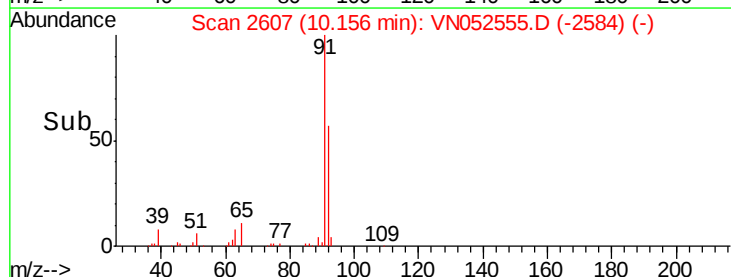
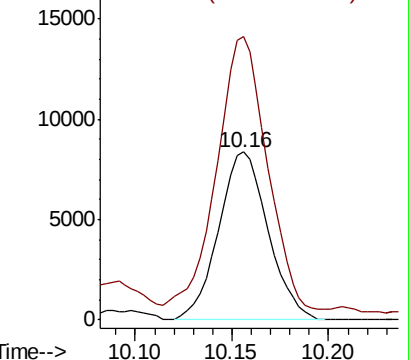
75 100

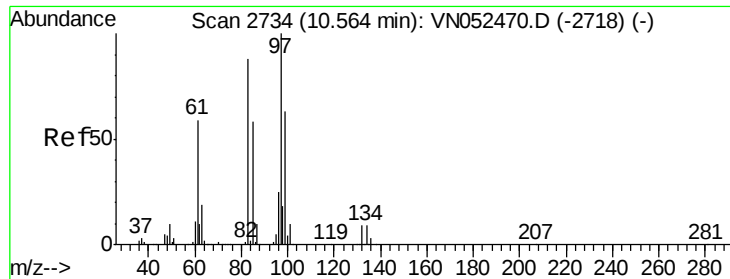
77 162.3 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-2662) (-)

Ion 76.90 (76.60 to 77.60): VN052470.D (-2662) (-)

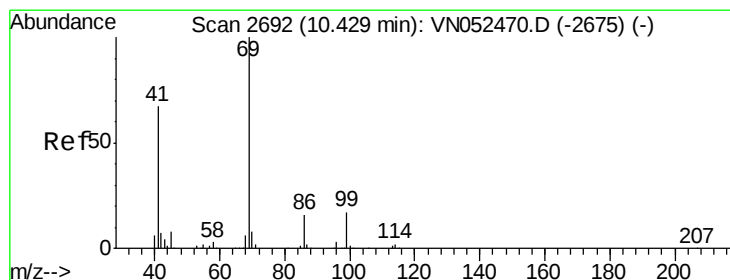
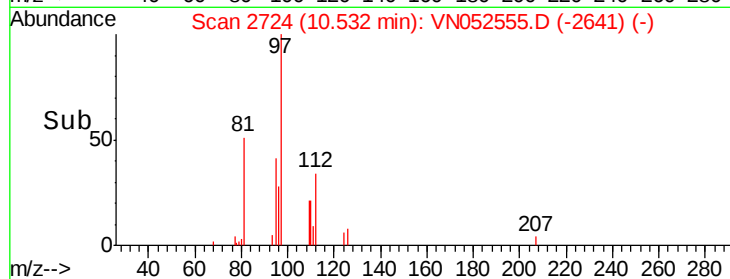
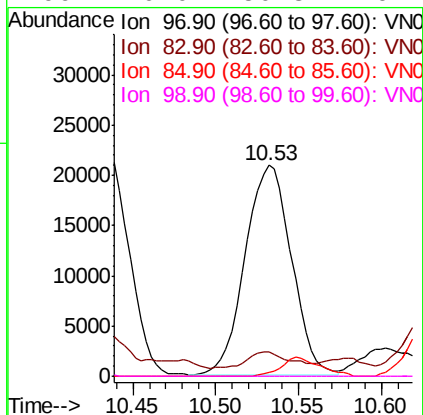
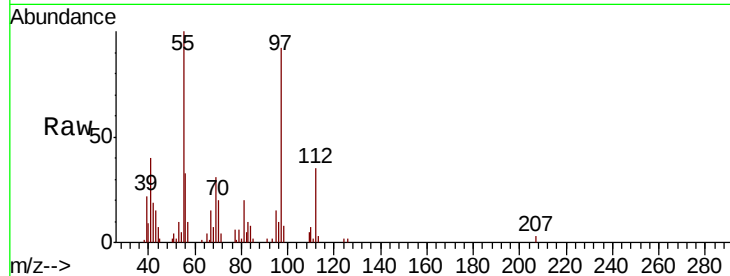




#55
 1,1,2-Trichloroethane
 Concen: 3.366 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

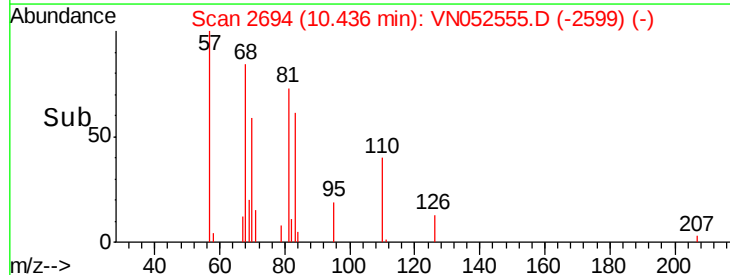
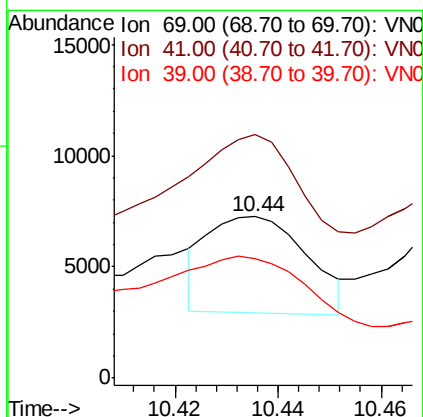
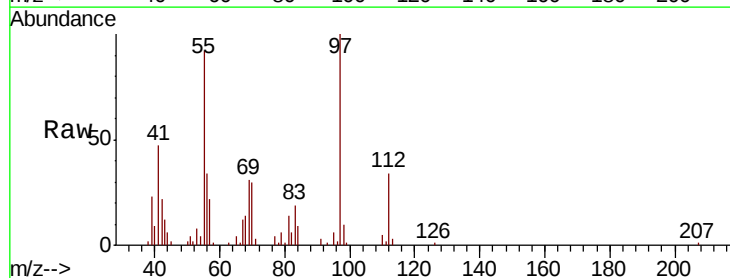
Instrument :
 MSVOA_N
 ClientSampled :
 OILY-SOILDL

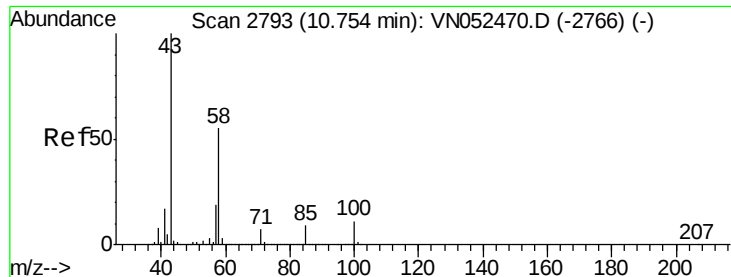
Tot Ion: 97 Resp: 40258
 Ion Ratio Lower Upper
 97 100
 83 3.9 70.7 106.1#
 85 1.9 46.1 69.1#
 99 0.0 50.8 76.2#



#56
 Ethyl methacrylate
 Concen: 3.021 ug/l
 RT: 10.44 min Scan# 2694
 Delta R.T. 0.01 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

Tgt Ion: 69 Resp: 5750
 Ion Ratio Lower Upper
 69 100
 41 0.0 52.6 79.0#
 39 122.3 25.9 38.9#

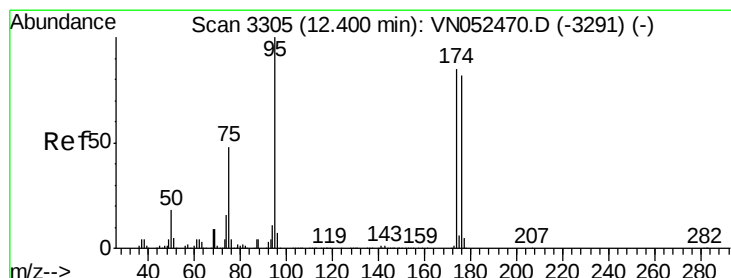
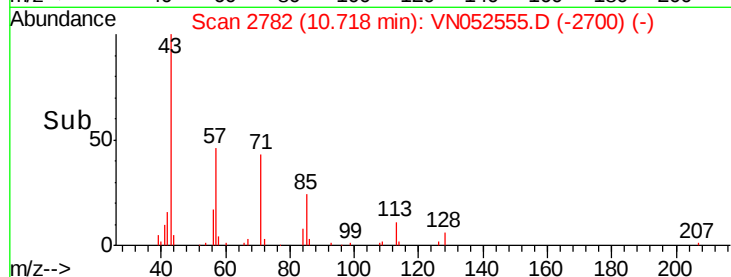
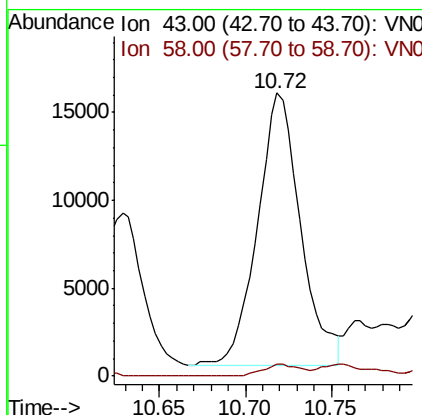
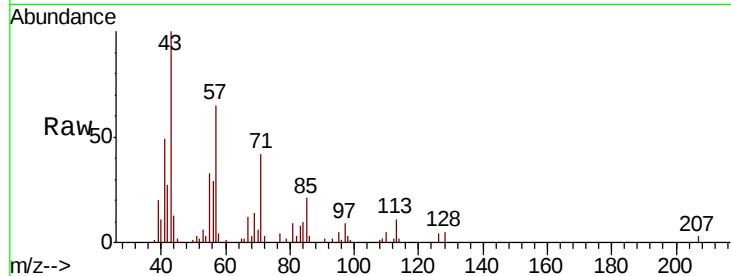




#59
2-Hexanone
Concen: 3.642 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

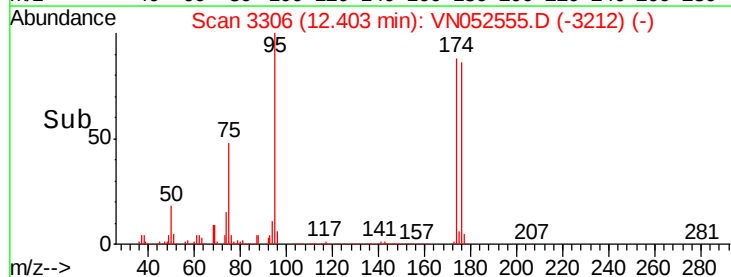
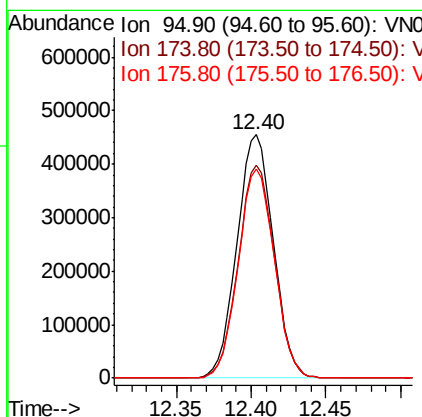
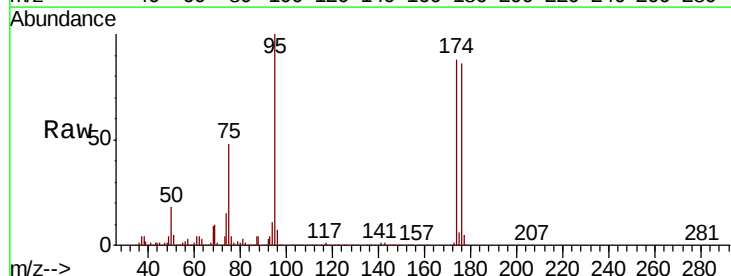
Instrument :
MSVOA_N
ClientSampled :
OILY-SOILDL

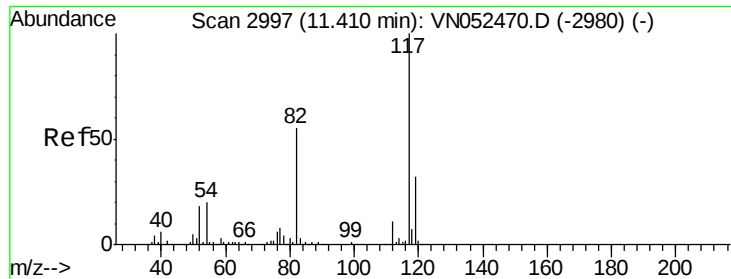
Tot Ion: 43 Resp: 27201
Ion Ratio Lower Upper
43 100
58 3.8 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Tgt Ion: 95 Resp: 764765
Ion Ratio Lower Upper
95 100
174 88.0 0.0 173.0
176 86.1 0.0 166.2

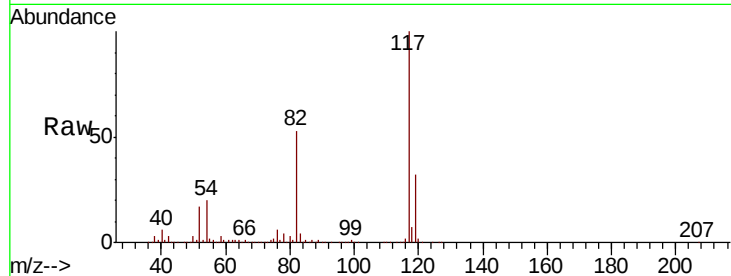




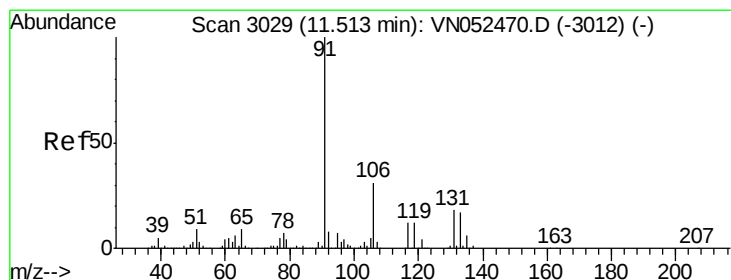
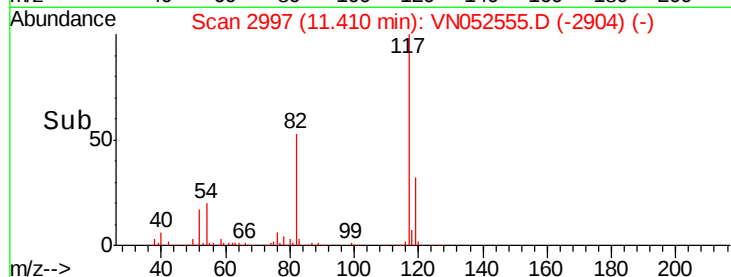
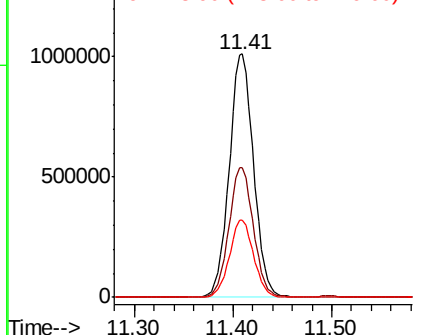
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Instrument :
MSVOA_N
ClientSampled :
OILY-SOILDL

Tot Ion:117 Resp: 1743189
Ion Ratio Lower Upper
117 100
82 53.1 43.6 65.4
119 31.8 25.4 38.2

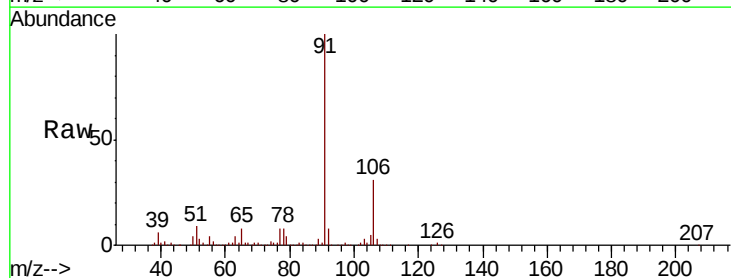


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

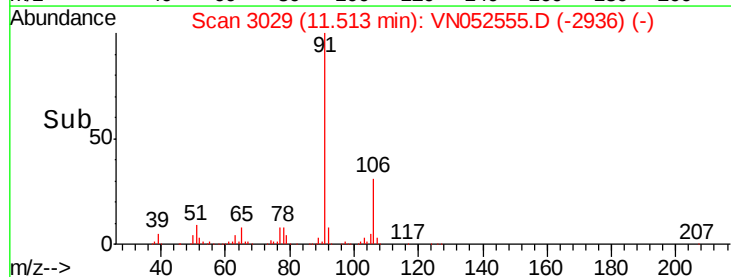
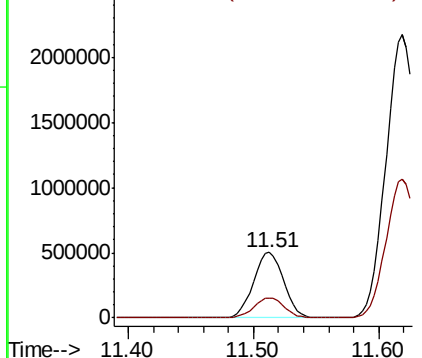


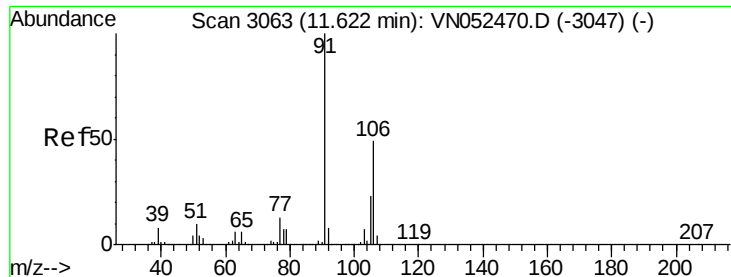
#67
Ethyl Benzene
Concen: 13.395 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Tgt Ion: 91 Resp: 843158
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

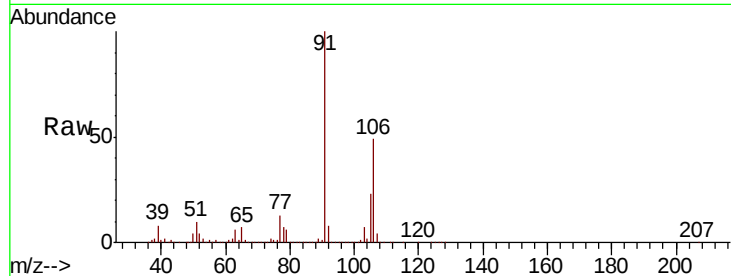




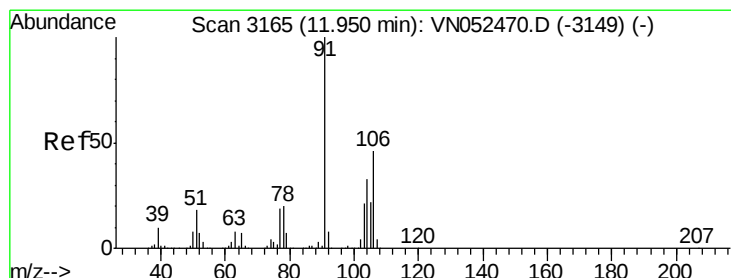
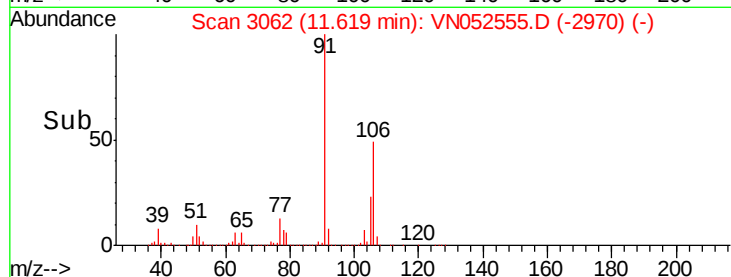
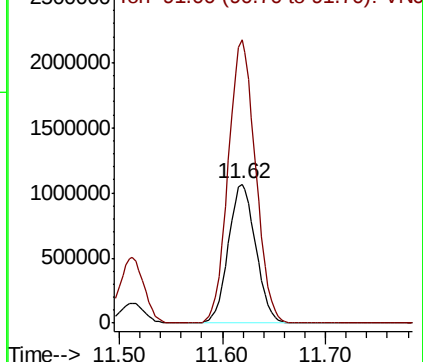
#68
m/p-Xylenes
Concen: 83.987 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Instrument :
MSVOA_N
ClientSampled :
OILY-SOILDL

Tot Ion:106 Resp: 1968049
Ion Ratio Lower Upper
106 100
91 203.6 163.2 244.8

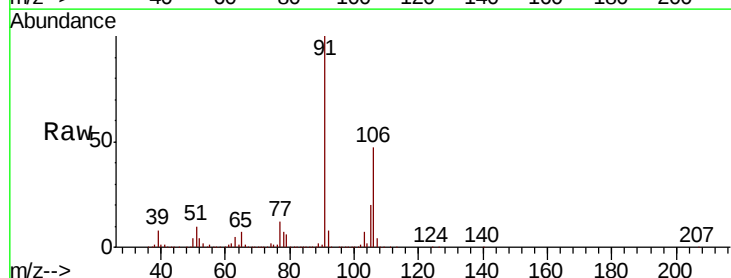


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

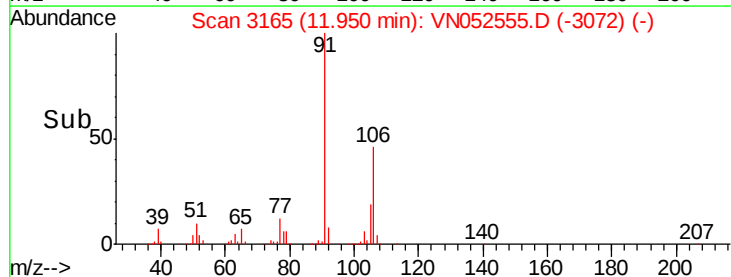
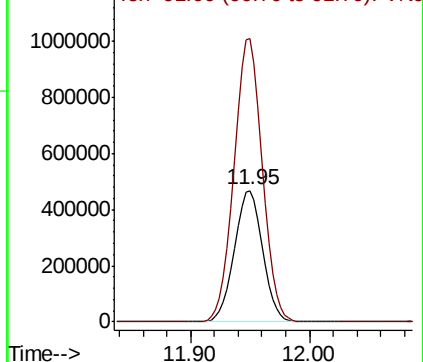


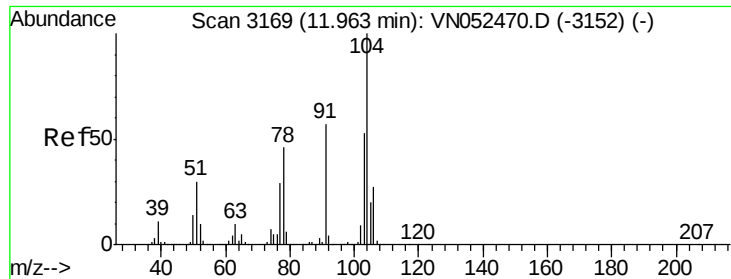
#69
o-Xylene
Concen: 33.776 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Tgt Ion:106 Resp: 768582
Ion Ratio Lower Upper
106 100
91 215.9 107.7 323.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

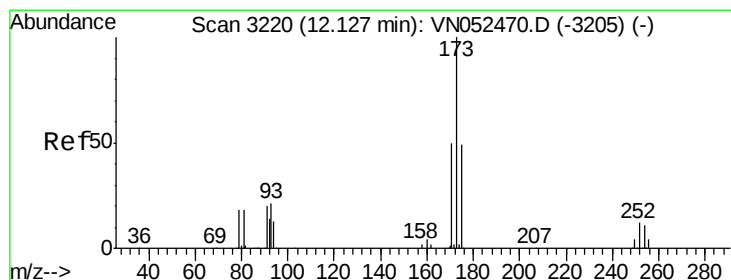
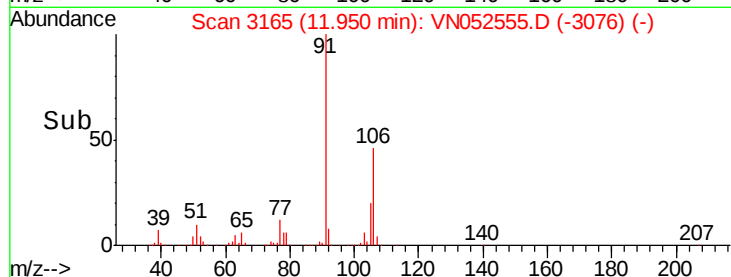
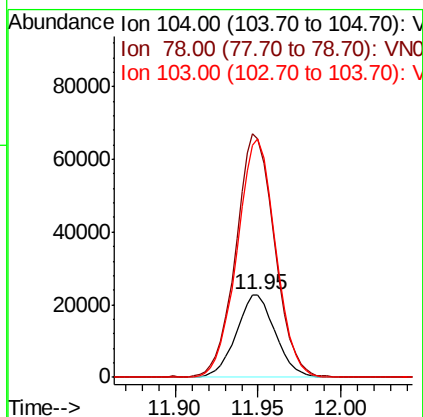
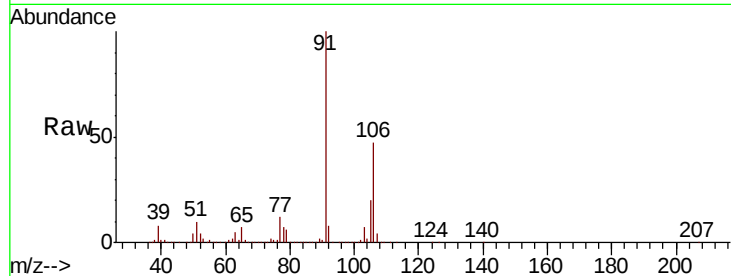




#70
Stvrene
Concen: 1.021 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

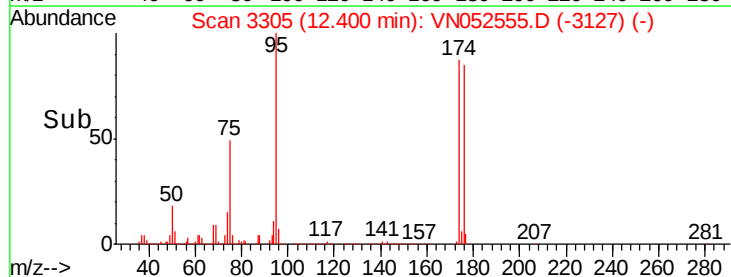
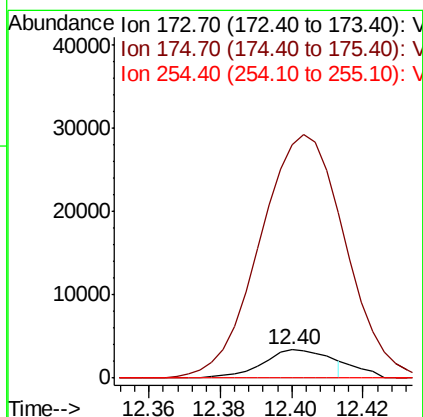
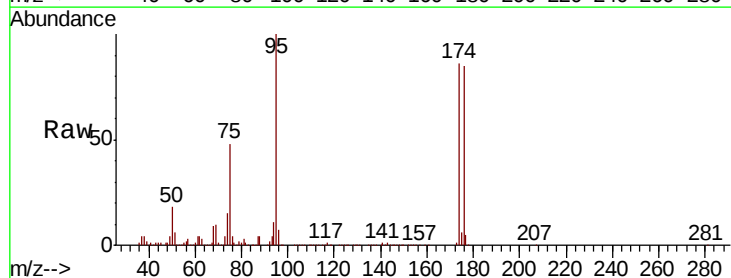
Instrument :
MSVOA_N
ClientSampled :
OILY-SOILDL

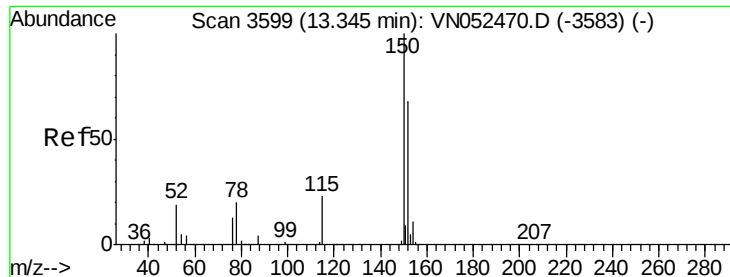
Tot Ion:104 Resp: 37018
Ion Ratio Lower Upper
104 100
78 294.5 39.4 59.2#
103 285.2 44.9 67.3#



#71
Bromoform
Concen: 0.541 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Tgt Ion:173 Resp: 4473
Ion Ratio Lower Upper
173 100
175 930.2 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Instrument :

MSVOA_N

ClientSampled :

OILY-SOILDL

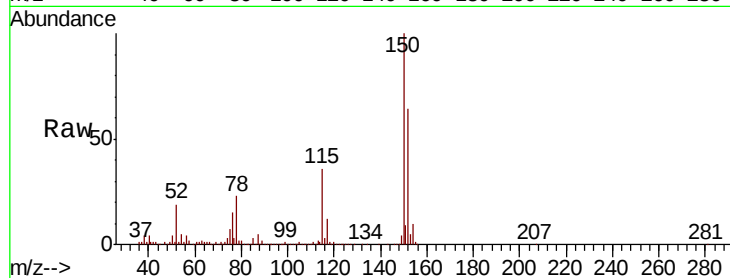
Tot Ion:152 Resp: 676814

Ion Ratio Lower Upper

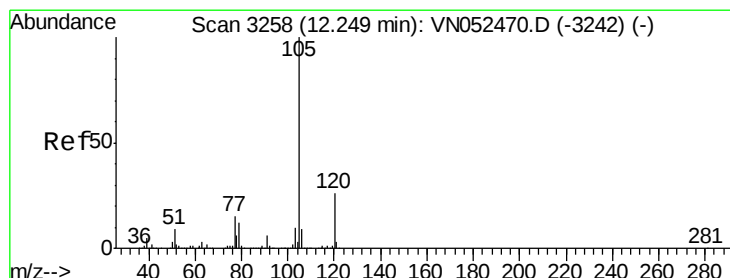
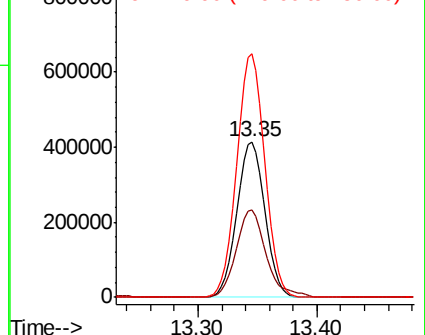
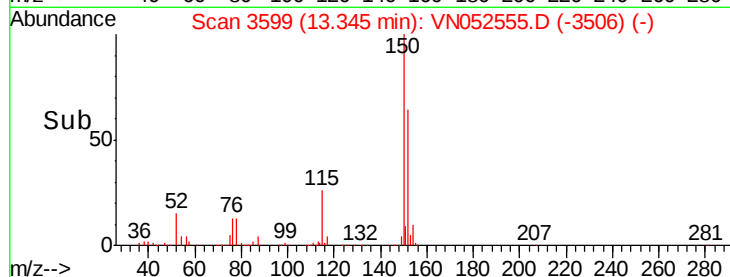
152 100

115 59.6 28.4 85.2

150 156.2 0.0 346.0



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: 1.772 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052555.D

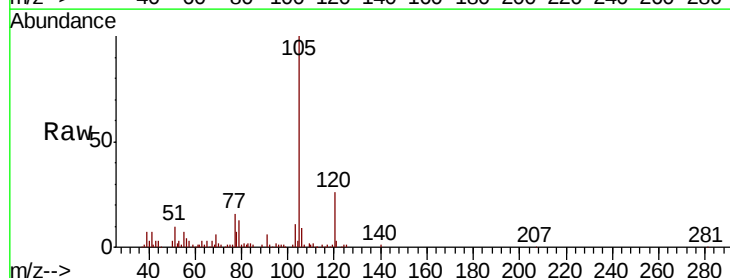
Acq: 29 Nov 2018 10:52

Tgt Ion:105 Resp: 94108

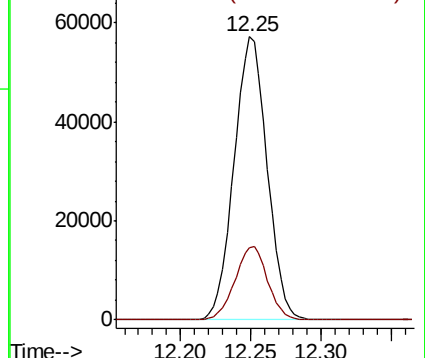
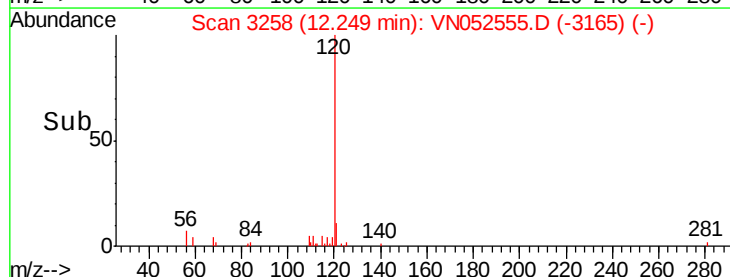
Ion Ratio Lower Upper

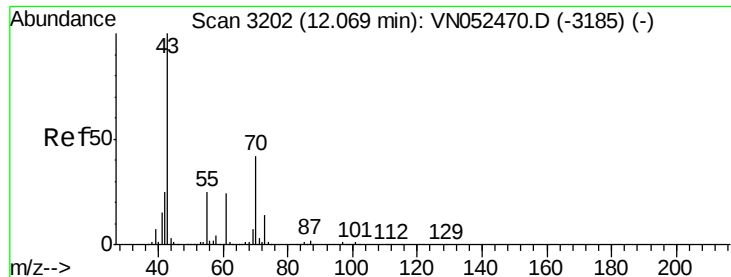
105 100

120 25.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.870 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Instrument :

MSVOA_N

ClientSampled :

OILY-SOILDL

Tot Ion: 43 Resp: 11665

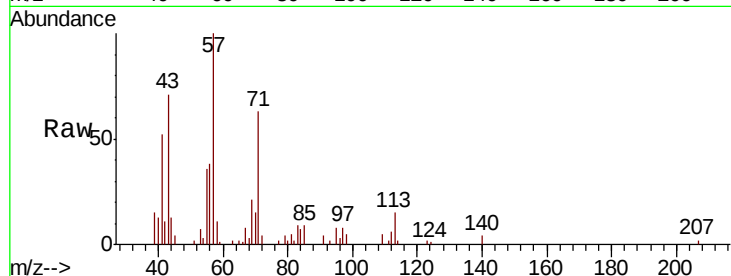
Ion Ratio Lower Upper

43 100

70 14.4 33.8 50.8#

55 0.0 20.0 30.0#

61 0.0 19.7 29.5#

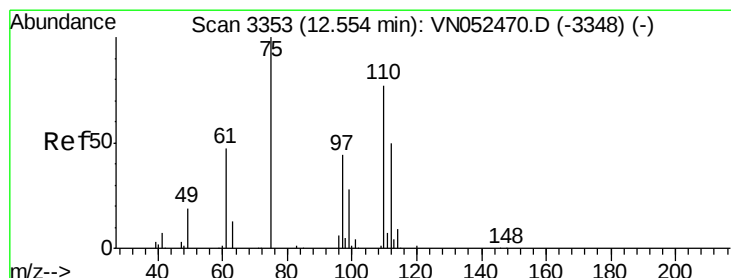
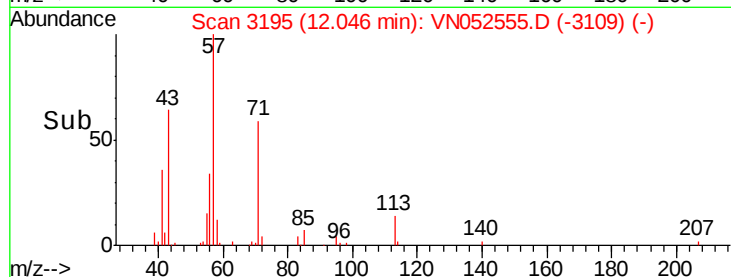
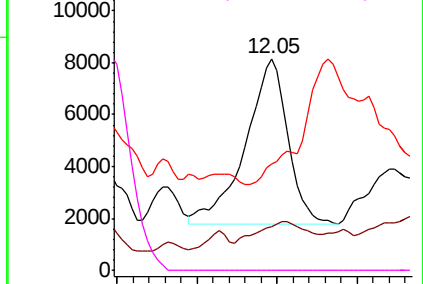


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 1.335 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. 0.10 min

Lab File: VN052555.D

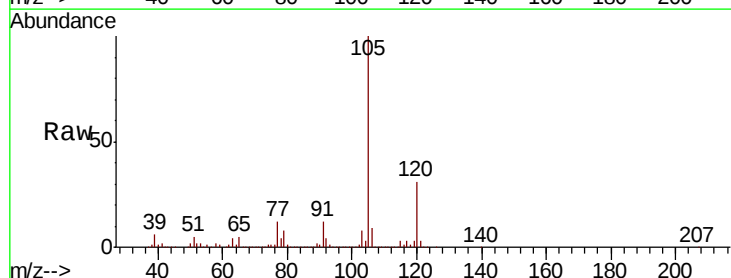
Acq: 29 Nov 2018 10:52

Tgt Ion: 75 Resp: 13932

Ion Ratio Lower Upper

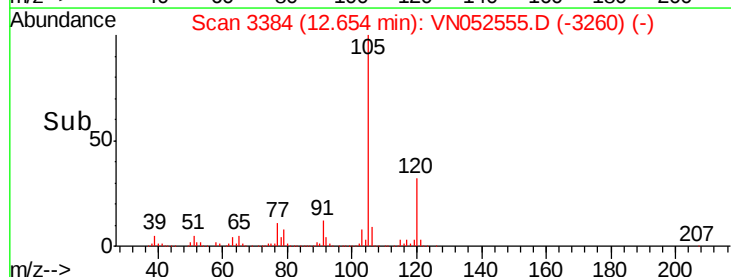
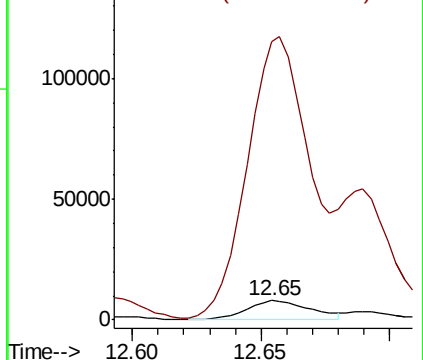
75 100

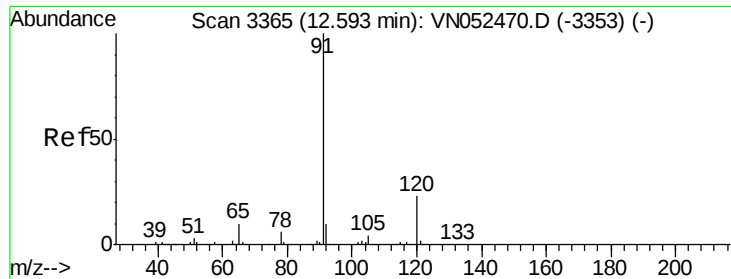
77 1385.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

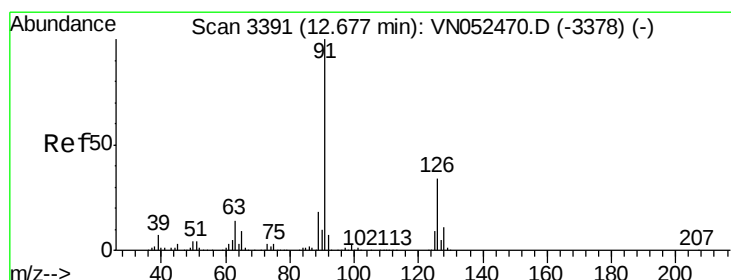
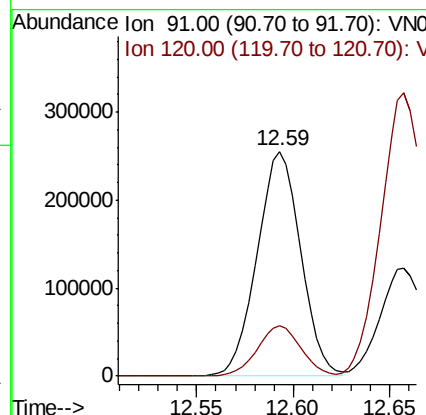
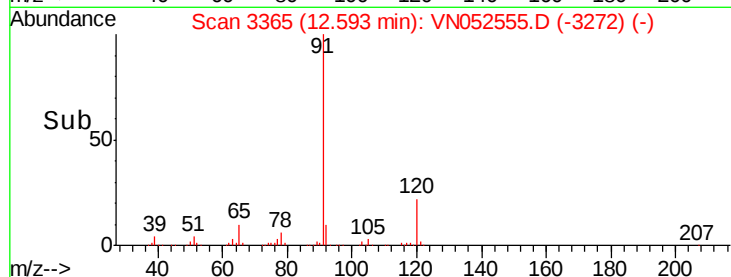
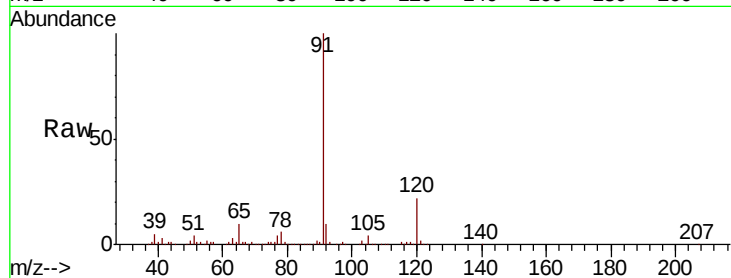




#78
n-propylbenzene
Concen: 6.609 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

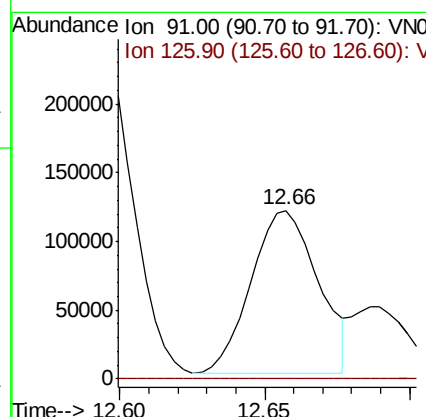
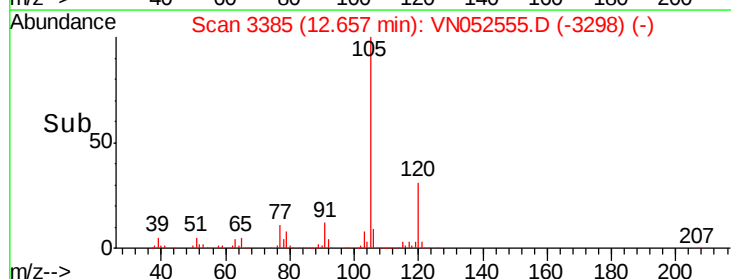
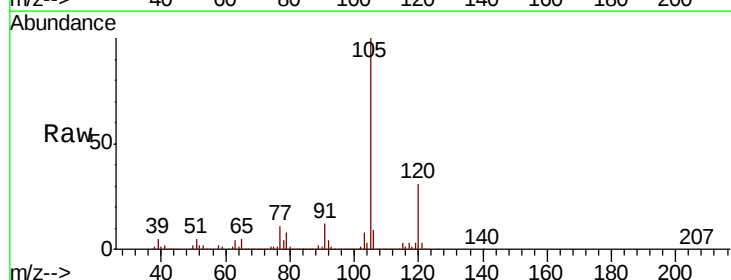
Instrument :
MSVOA_N
ClientSampleId :
OILY-SOILDL

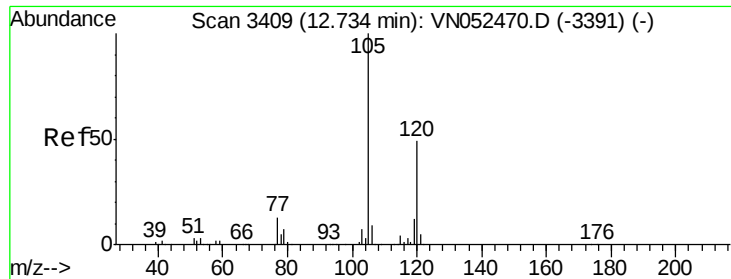
Tot Ion: 91 Resp: 398679
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9



#79
2-Chlorotoluene
Concen: 5.277 ug/l
RT: 12.66 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Tgt Ion: 91 Resp: 189585
Ion Ratio Lower Upper
91 100
126 0.4 17.2 51.6#

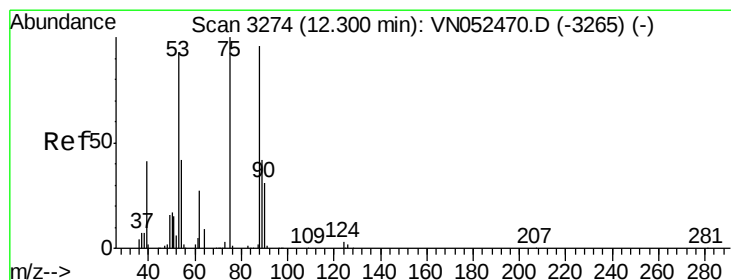
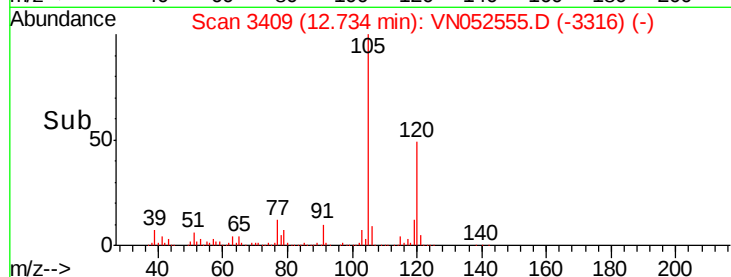
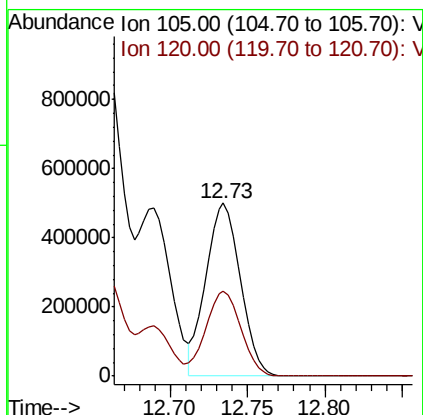
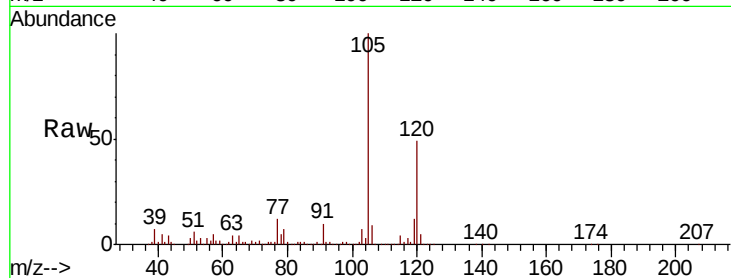




#80
 1,3,5-Trimethylbenzene
 Concen: 18.416 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

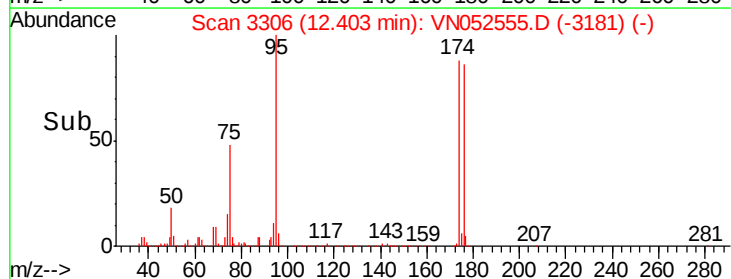
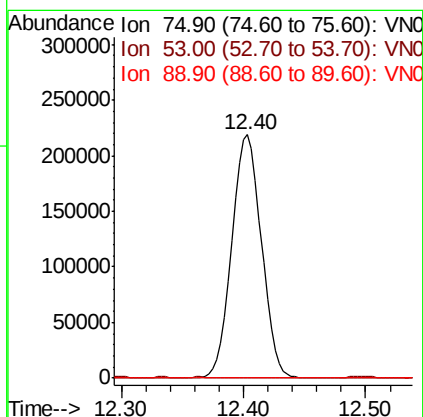
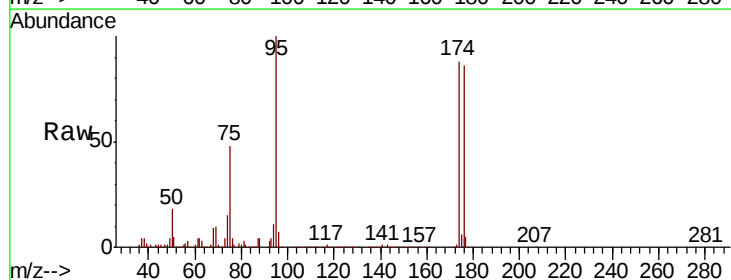
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOILDL

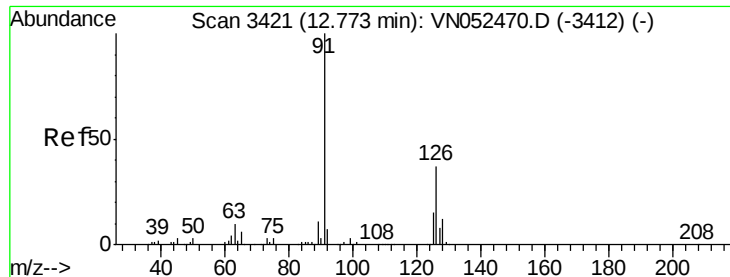
Tot Ion:105 Resp: 779902
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.234 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

Tgt Ion: 75 Resp: 369509
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.4 116.0#
 89 0.0 35.4 53.2#

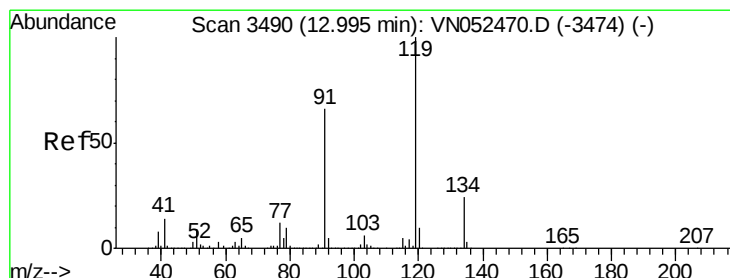
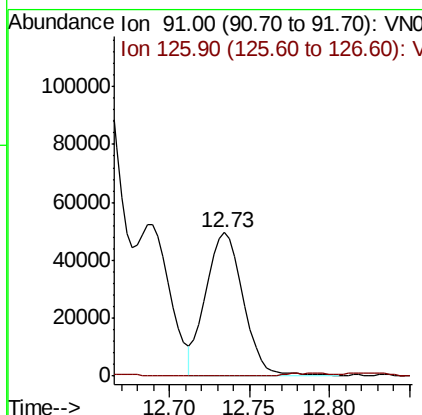
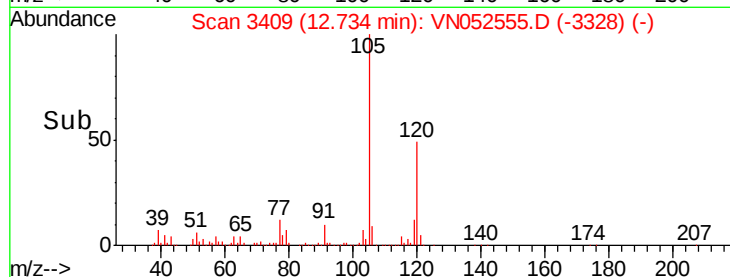
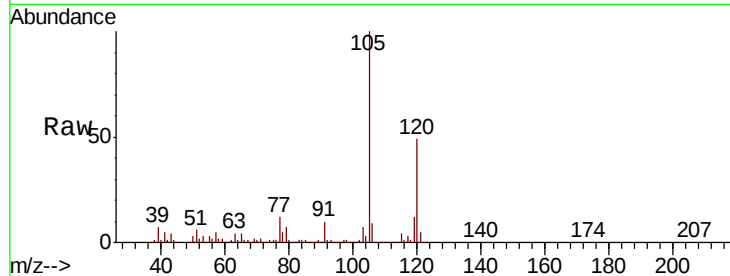




#82
4-Chlorotoluene
Concen: 2.198 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.04 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

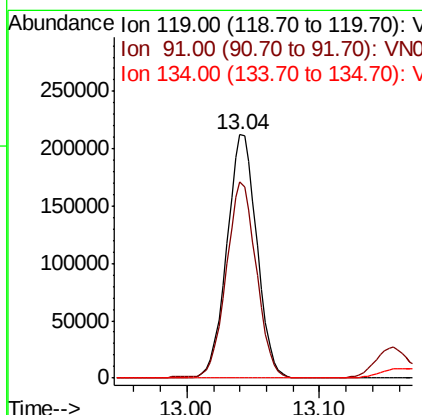
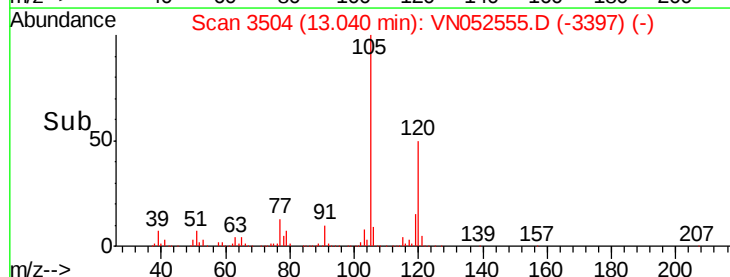
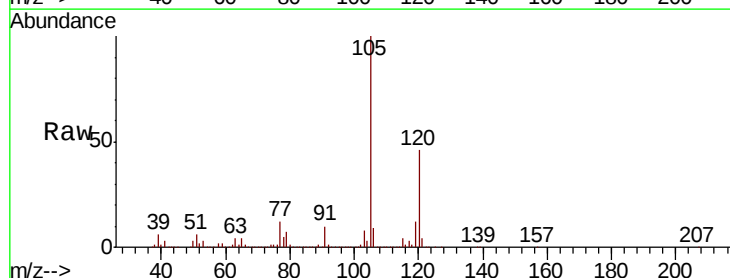
Instrument :
MSVOA_N
ClientSampled :
OILY-SOILDL

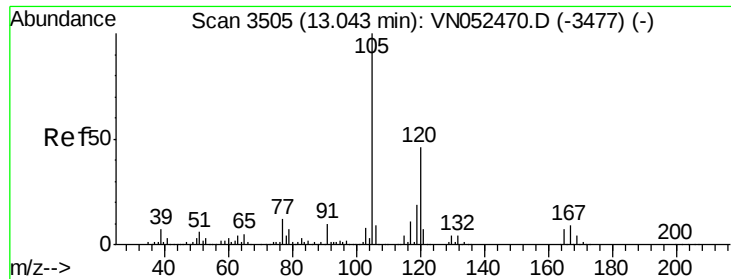
Tot Ion: 91 Resp: 79576
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#83
tert-Butylbenzene
Concen: 8.807 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN052555.D
Acq: 29 Nov 2018 10:52

Tgt Ion: 119 Resp: 332490
Ion Ratio Lower Upper
119 100
91 81.2 32.3 96.9
134 0.0 13.0 38.9#

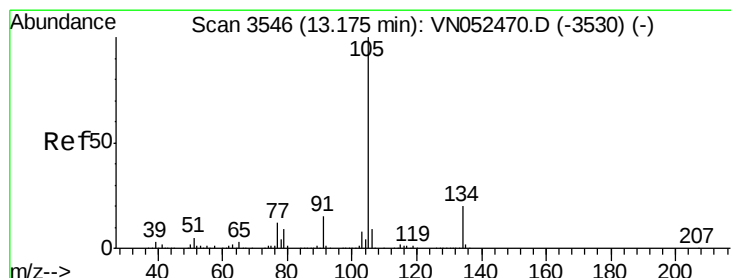
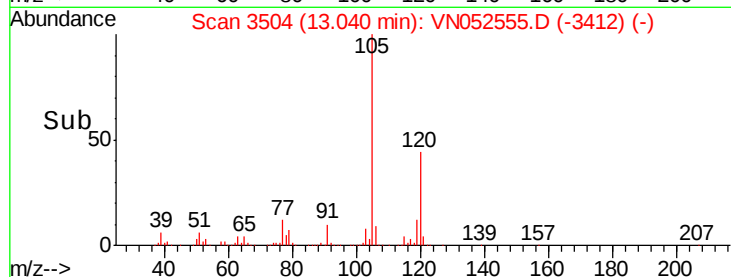
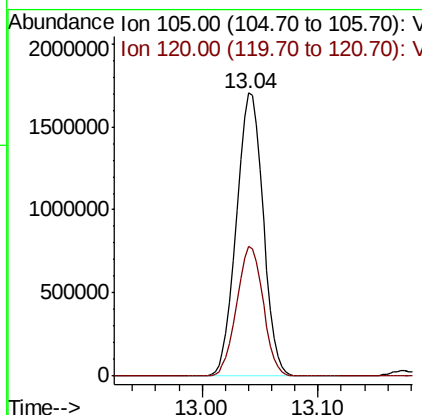
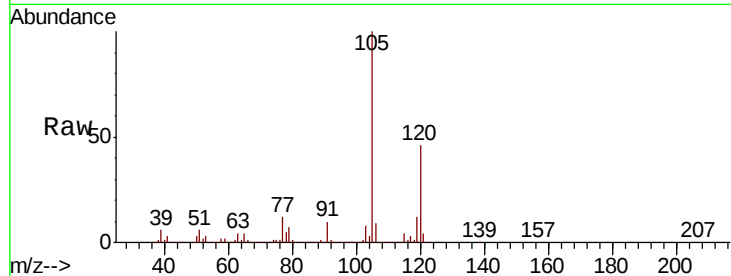




#84
 1,2,4-Trimethylbenzene
 Concen: 63.872 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

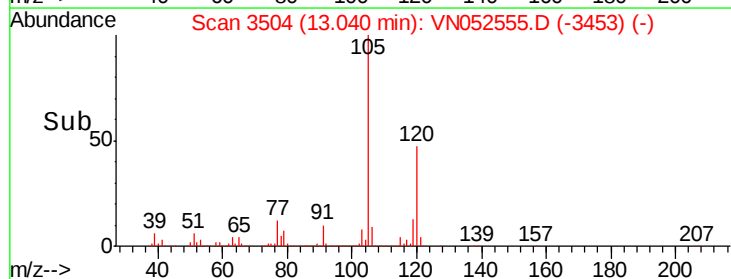
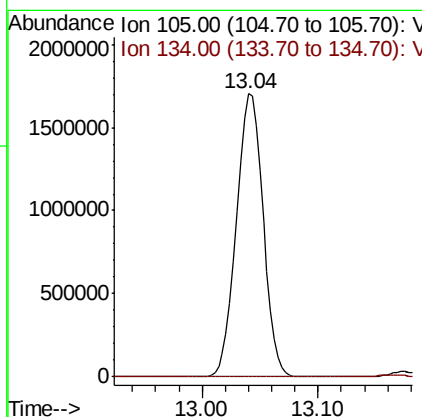
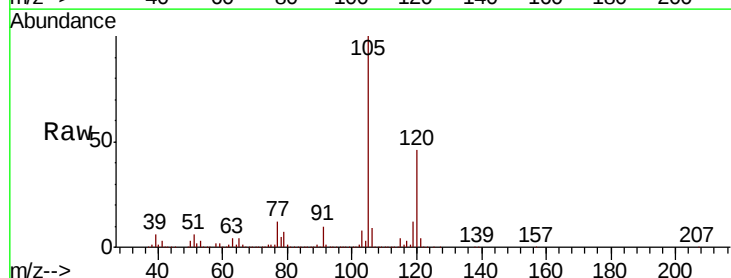
Instrument :
 MSVOA_N
 ClientSampled :
 OILY-SOILDL

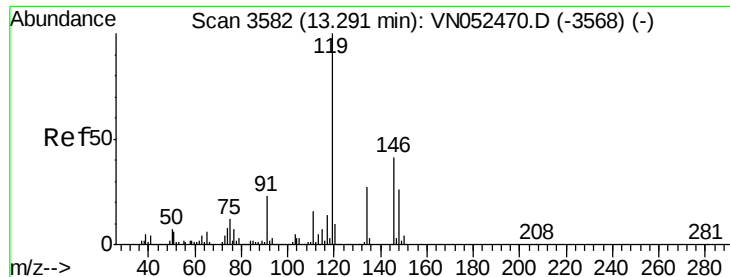
Tot Ion:105 Resp: 2710808
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 52.716 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

Tgt Ion:105 Resp: 2710808
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#

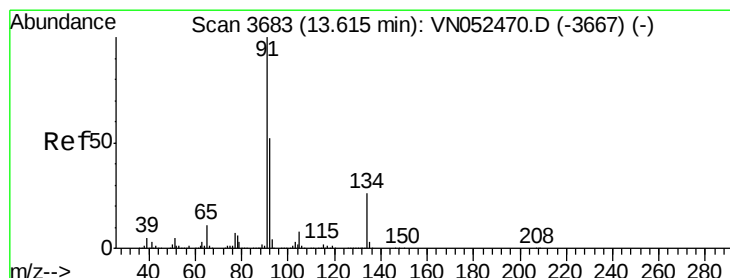
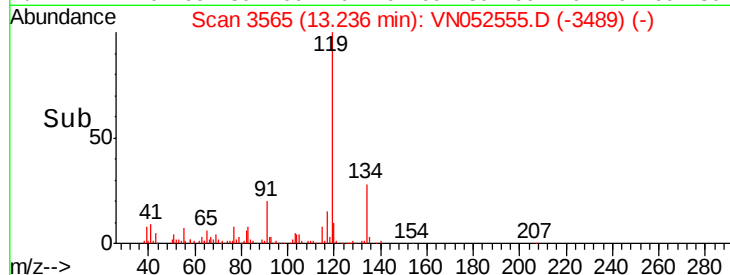
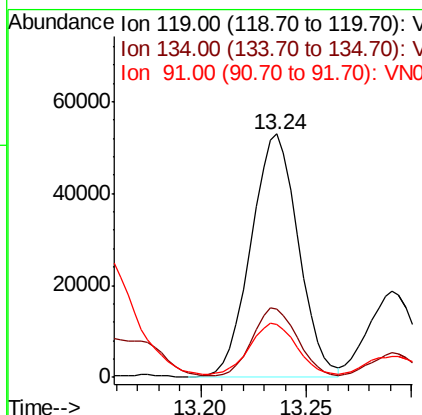
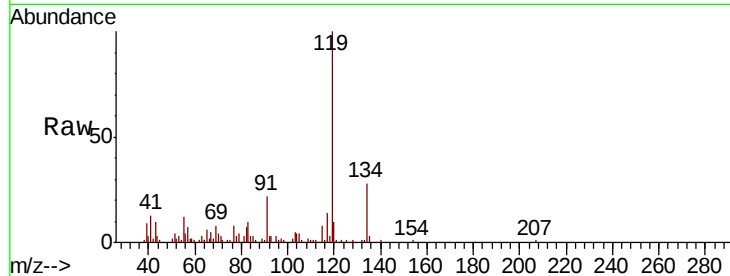




#86
 p-Isopropyltoluene
 Concen: 1.877 ug/l
 RT: 13.24 min Scan# 3565
 Delta R.T. -0.05 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

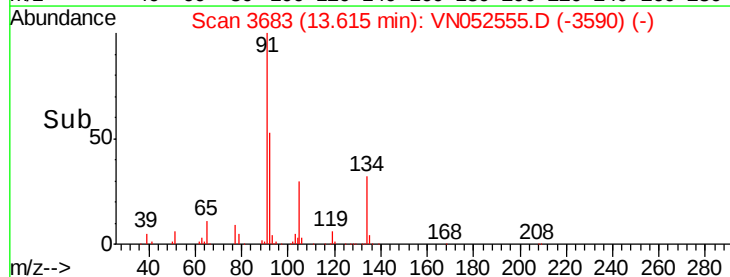
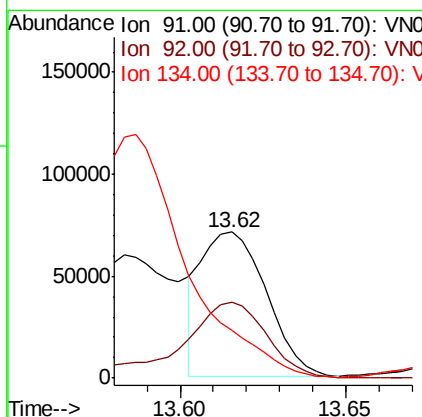
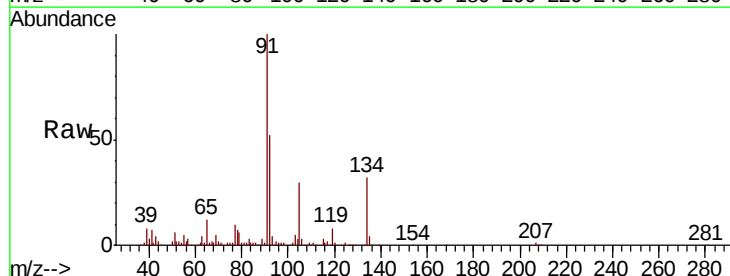
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOILDL

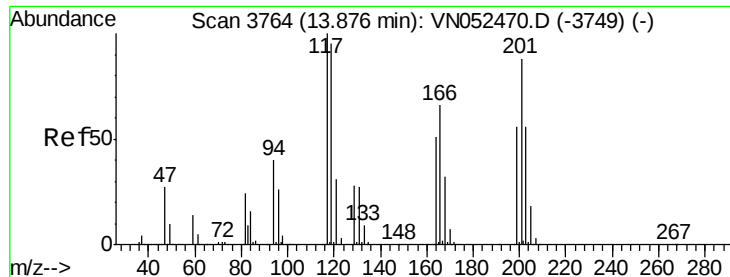
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.4	40.2
91	21.1	11.4	34.2



#89
 n-Butylbenzene
 Concen: 2.620 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	70.0	26.1	78.3
134	0.0	13.0	38.9#





#90

Hexachloroethane

Concen: 5.739 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

Instrument :

MSVOA_N

ClientSampled :

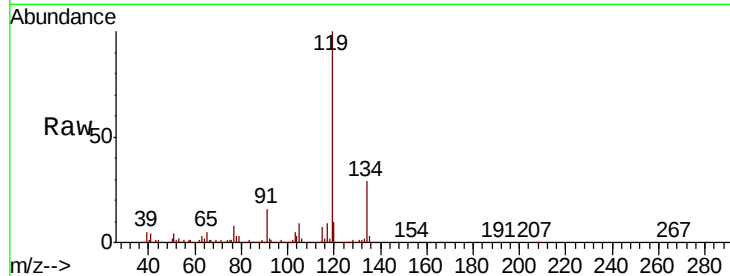
OILY-SOILDL

Tot Ion:117 Resp: 42561

Ion Ratio Lower Upper

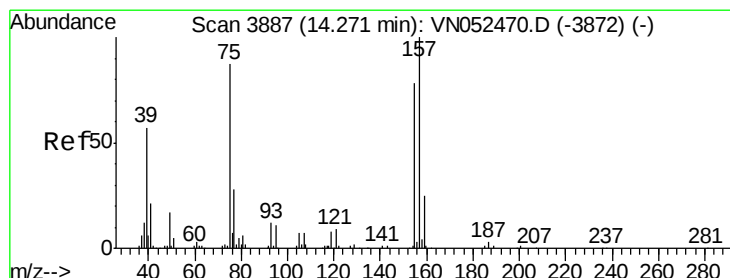
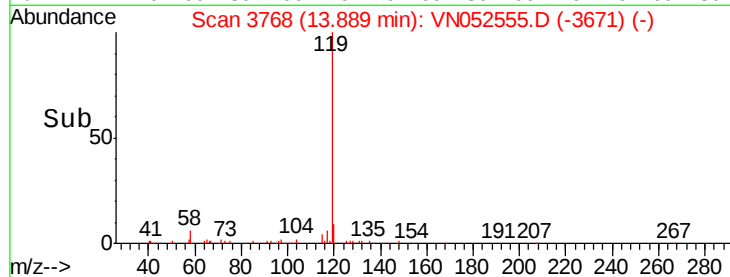
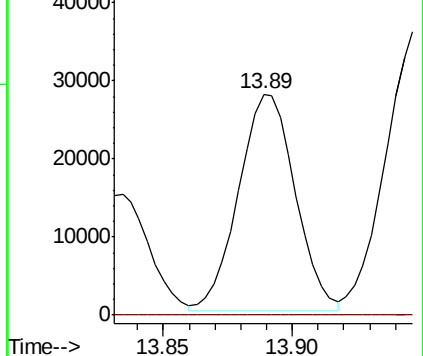
117 100

201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.616 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.02 min

Lab File: VN052555.D

Acq: 29 Nov 2018 10:52

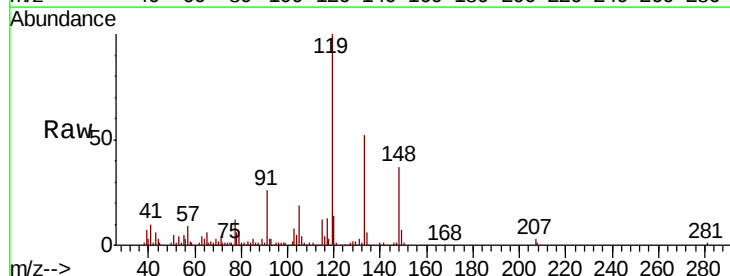
Tgt Ion: 75 Resp: 1064

Ion Ratio Lower Upper

75 100

155 0.0 45.3 135.9#

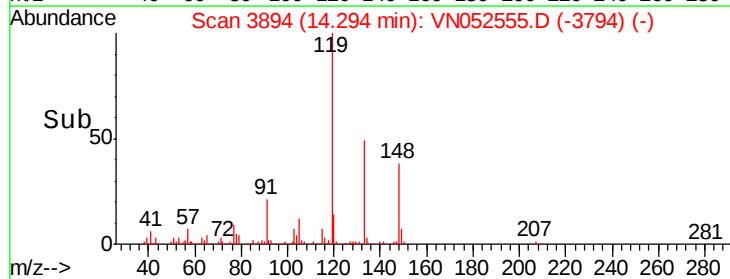
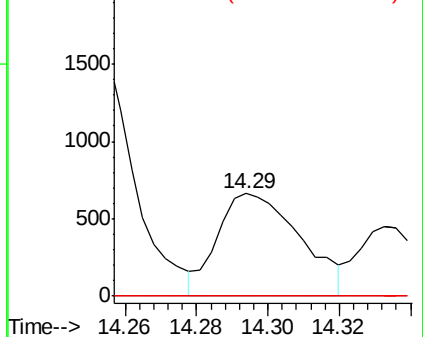
157 0.0 58.1 174.2#

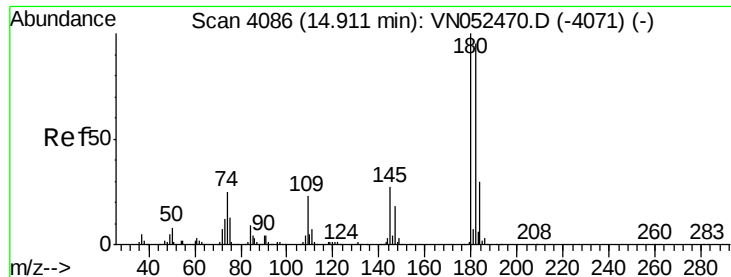


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

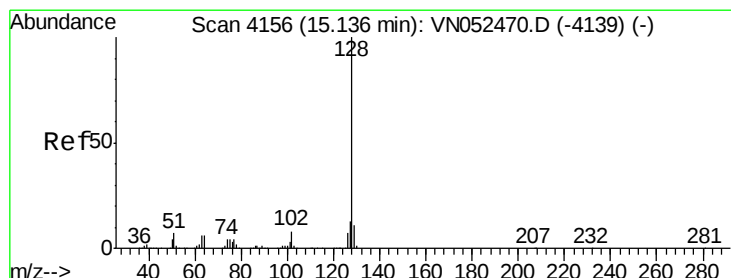
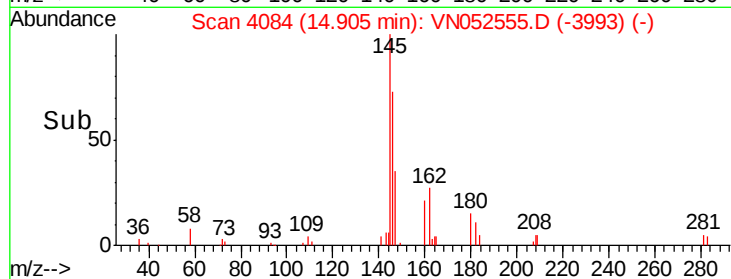
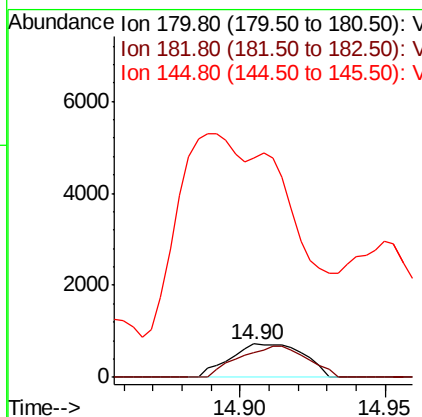
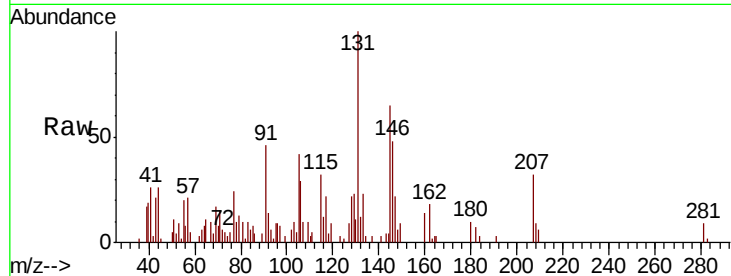




#93
 1,2,4-Trichlorobenzene
 Concen: 2.930 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.01 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

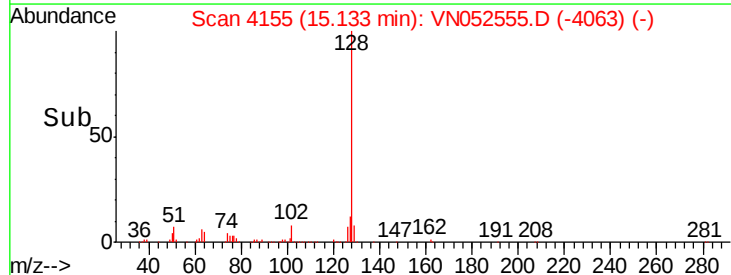
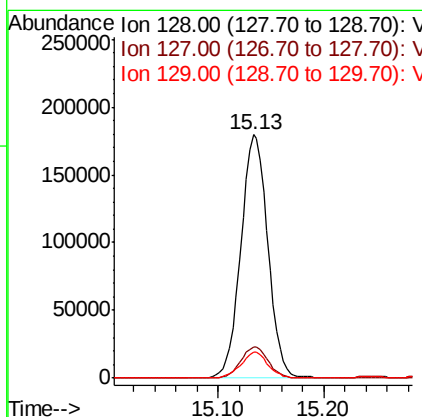
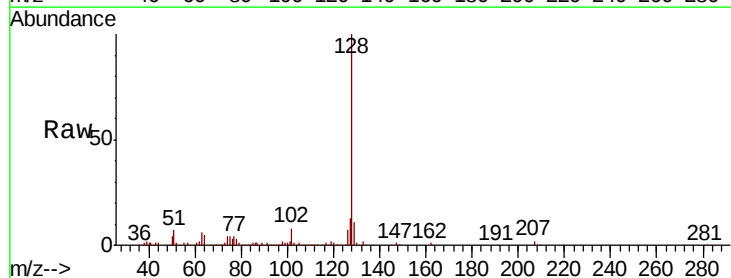
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOILDL

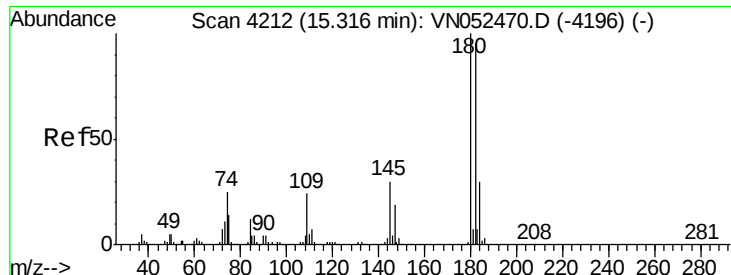
Tot Ion:180 Resp: 1281
 Ion Ratio Lower Upper
 180 100
 182 86.1 47.8 143.4
 145 0.0 14.1 42.3#



#95
 Naphthalene
 Concen: 15.022 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

Tgt Ion:128 Resp: 317183
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 10.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.823 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN052555.D
 Acq: 29 Nov 2018 10:52

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOILDL

Tot Ion:180 Resp: 1117
 Ion Ratio Lower Upper
 180 100
 182 128.8 47.8 143.3
 145 191.3 15.2 45.5#

