

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031519\
 Data File : VN054324.D
 Acq On : 15 Mar 2019 21:55
 Operator : JC/SP
 Sample : K1906-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Mar 16 03:25:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1257984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2188355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2345692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1024789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	700815	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	7.59	113	681184	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	10.09	98	2729711	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.40	95	1064652	58.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.74%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.41	74	4582	0.571	ug/l #	13
10) Methyl Iodide	3.95	142	170	1.506	ug/l #	65
11) Tert butyl alcohol	4.83	59	318	0.347	ug/l #	70
13) Acrolein	3.62	56	515	0.593	ug/l #	58
16) Acetone	3.83	43	31871	8.332	ug/l	98
18) Methyl Acetate	4.33	43	4198	0.542	ug/l	90
20) Methylene Chloride	4.54	84	756311	60.214	ug/l	98
25) 2-Butanone	6.86	43	4089	0.911	ug/l #	81
29) Tetrahydrofuran	7.22	42	1543	0.535	ug/l #	63
30) Chloroform	7.37	83	8623	0.385	ug/l	98
31) Cyclohexane	7.66	56	19542	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	75328	3.738	ug/l #	49
38) Carbon Tetrachloride	7.67	117	105282	4.982	ug/l #	17
43) Isopropyl Acetate	8.17	43	33526	1.649	ug/l	99
48) Methyl methacrylate	9.18	41	16491	1.599	ug/l #	11
49) 1,4-Dioxane	9.27	88	519	3.557	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	18345	1.706	ug/l #	36
52) Toluene	10.16	92	8580	0.235	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	30	1.987	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	157203	6.955	ug/l #	60
57) 1,3-Dichloropropane	10.77	76	30635	1.403	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.67	63	30	16.832	ug/l #	44
59) 2-Hexanone	10.77	43	398215	55.638	ug/l #	51
67) Ethyl Benzene	11.51	91	214459	2.512	ug/l	97
68) m/p-Xylenes	11.62	106	429441	12.869	ug/l	97
69) o-Xylene	11.95	106	203740	6.263	ug/l	99
70) Styrene	11.95	104	15552	0.305	ug/l #	1
71) Bromoform	12.40	173	6139	2.761	ug/l #	1
74) N-amyl acetate	11.88	43	43047	2.365	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	506579	33.615	ug/l #	100
78) n-propylbenzene	12.59	91	86787	0.976	ug/l	99
79) 2-Chlorotoluene	12.66	91	49082	0.918	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	304126	4.459	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	506579	114.911	ug/l #	11

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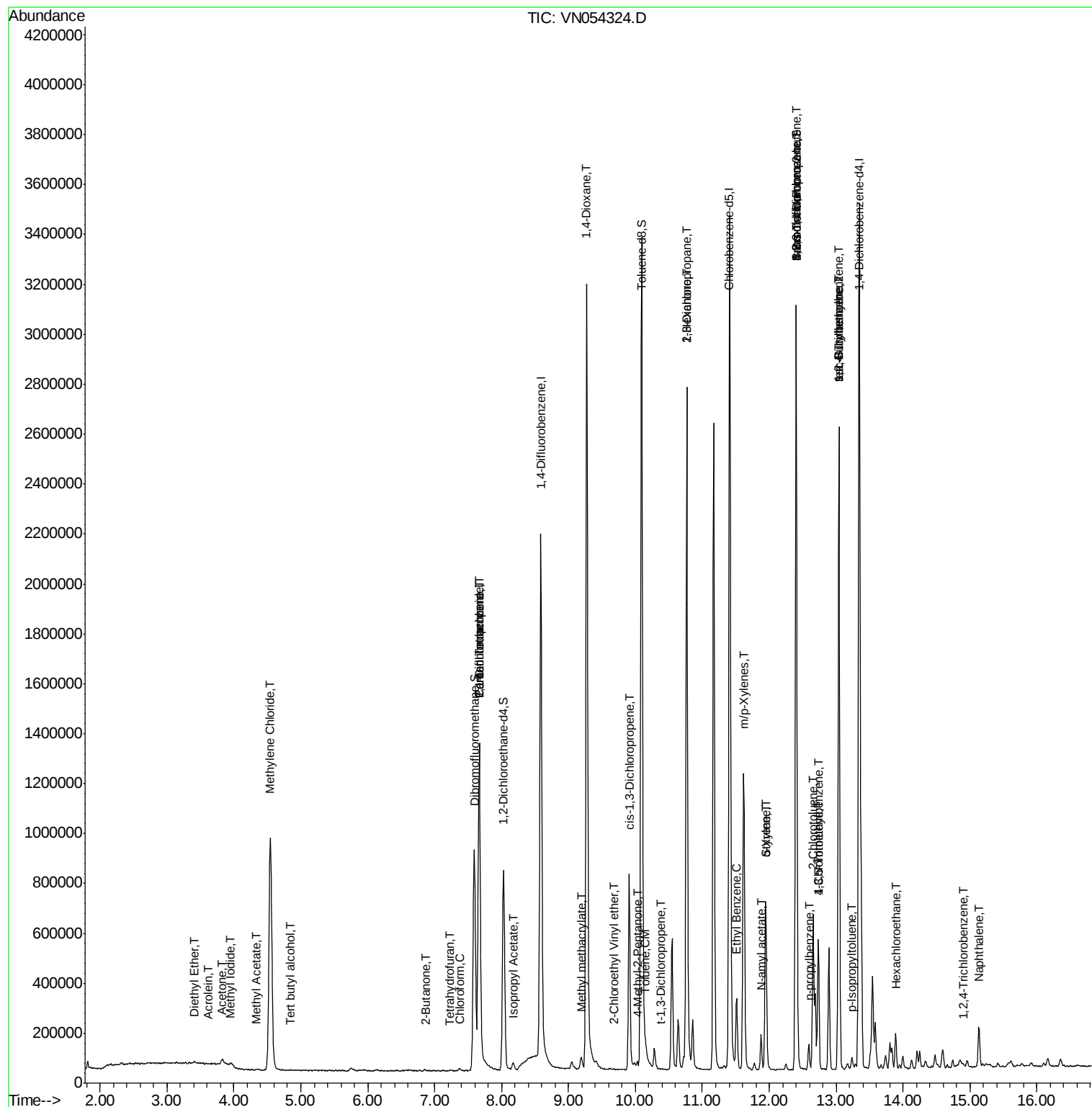
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.73	91	27568	0.516	ug/l #	39
83) tert-Butylbenzene	13.04	119	192337	3.064	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	1519069	22.705	ug/l	100
85) sec-Butylbenzene	13.04	105	1519069	18.660	ug/l #	55
86) p-Isopropyltoluene	13.24	119	27234	0.381	ug/l	94
90) Hexachloroethane	13.89	117	6911	0.584	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	1182	2.569	ug/l #	66
95) Naphthalene	15.13	128	152425	6.626	ug/l	100

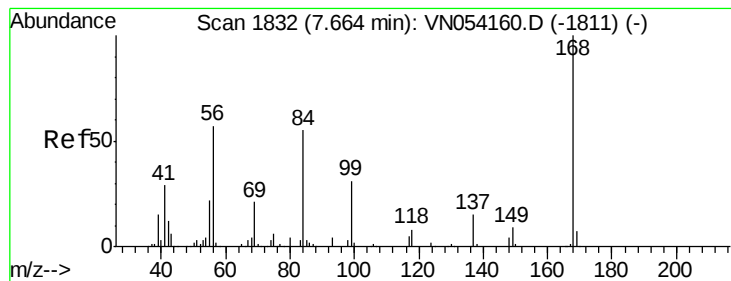
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

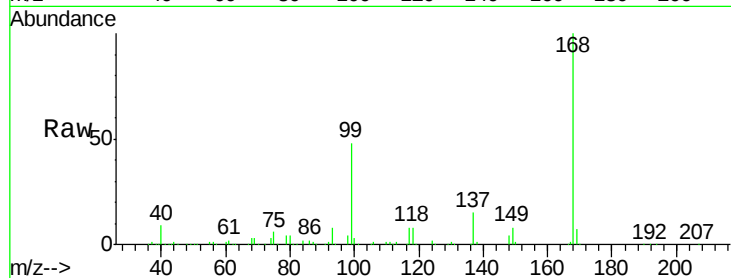
OILY-DEBRIS

Tot Ion:168 Resp: 1257984

Ion Ratio Lower Upper

168 100

99 47.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

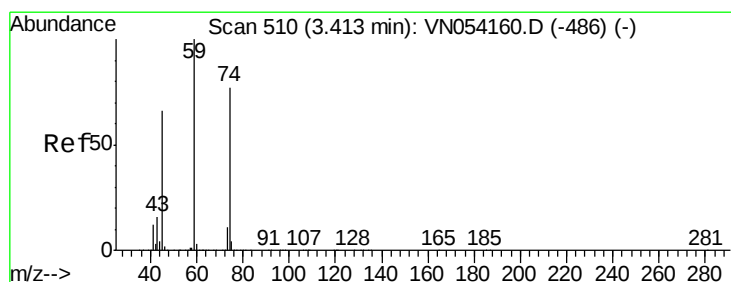
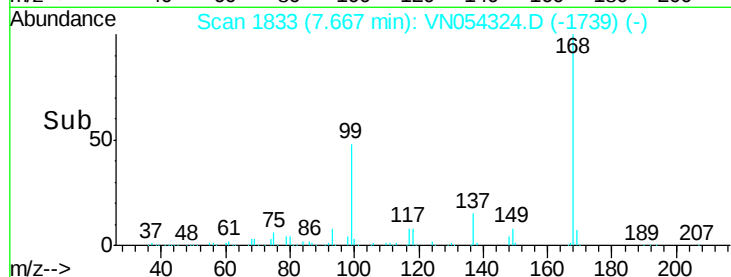
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.571 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN054324.D

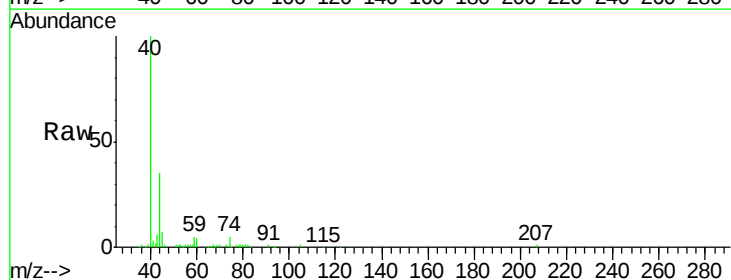
Acq: 15 Mar 2019 21:55

Tgt Ion: 74 Resp: 4582

Ion Ratio Lower Upper

74 100

45 5.9 43.1 129.4#



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

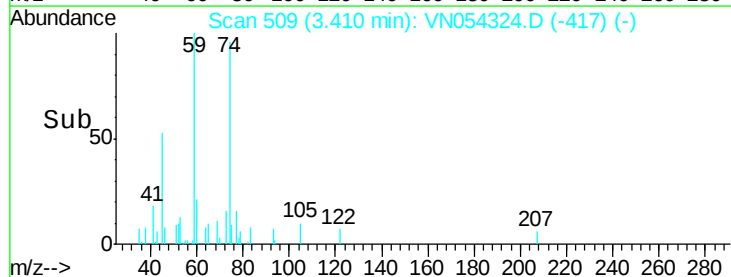
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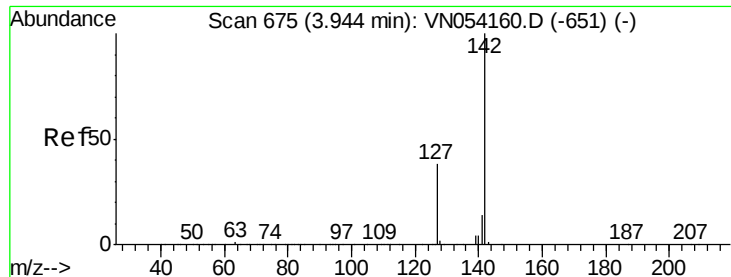
2000

1000

0

Time-->

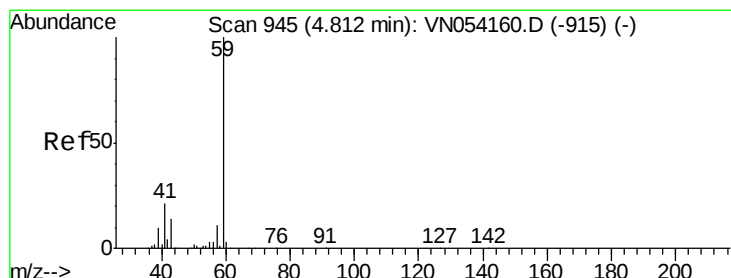
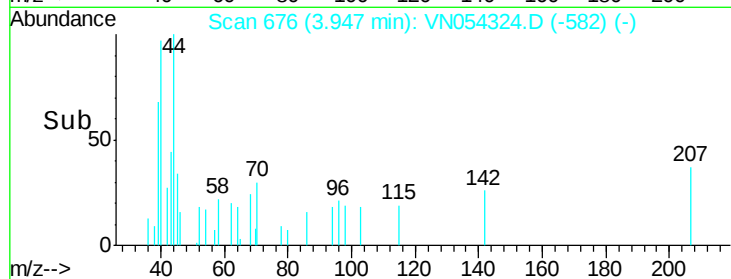
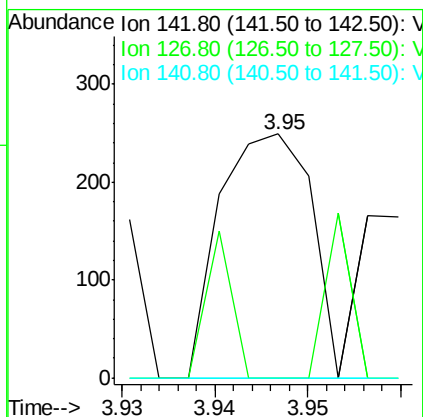
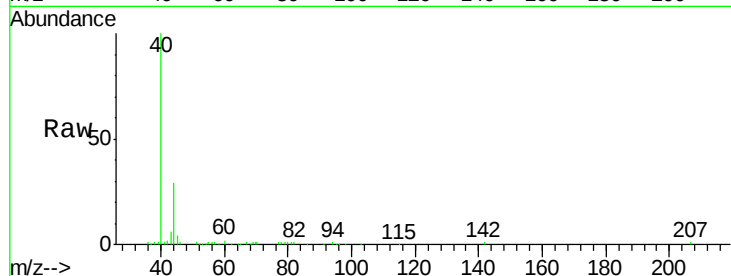




#10
Methvl Iodide
Concen: 1.506 ug/l
RT: 3.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

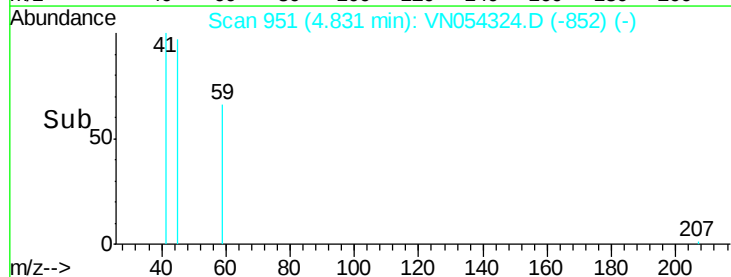
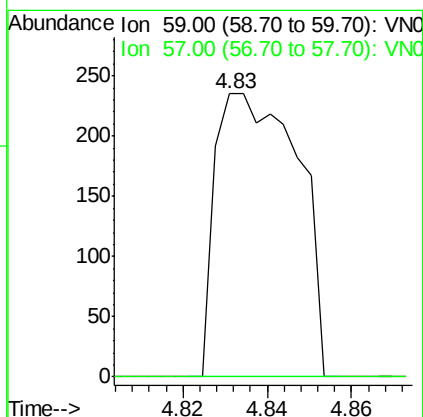
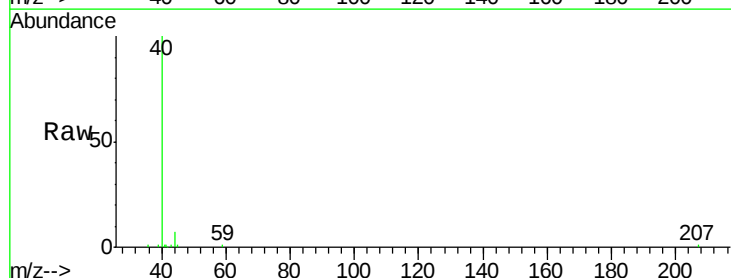
Instrument :
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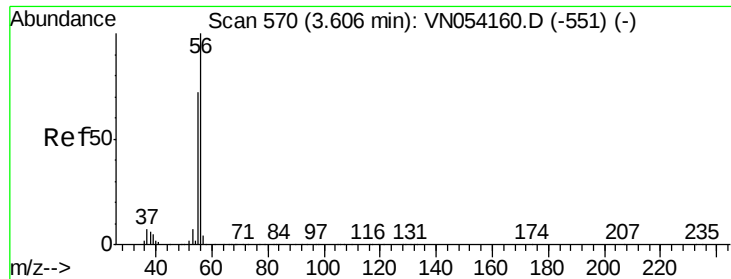
Tot Ion:142 Resp: 170
Ion Ratio Lower Upper
142 100
127 17.1 30.3 45.5#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.347 ug/l
RT: 4.83 min Scan# 951
Delta R.T. 0.02 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#

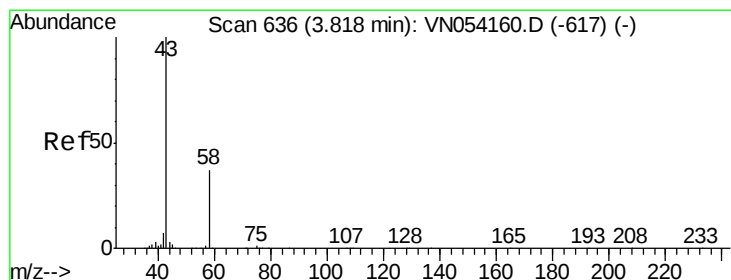
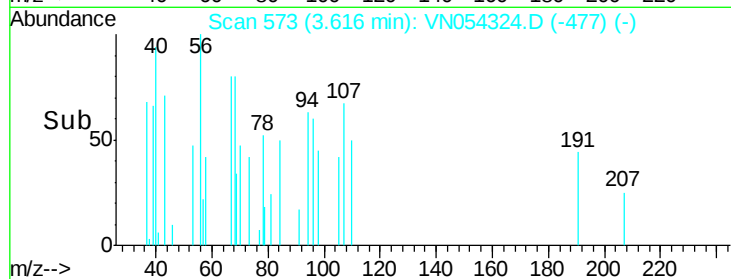
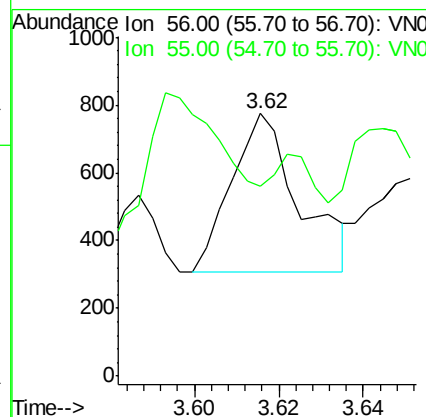
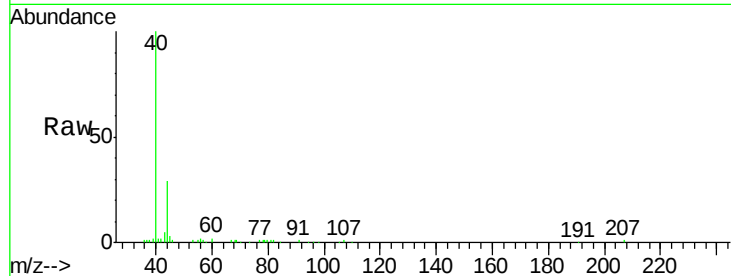




#13
Acrolein
Concen: 0.593 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

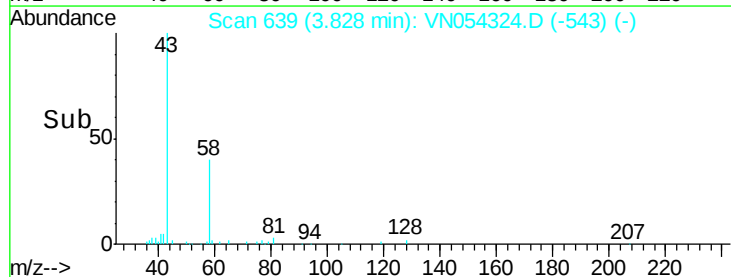
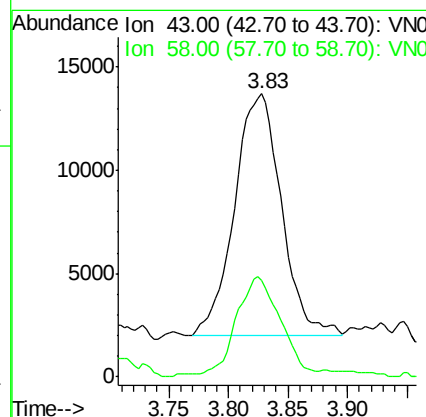
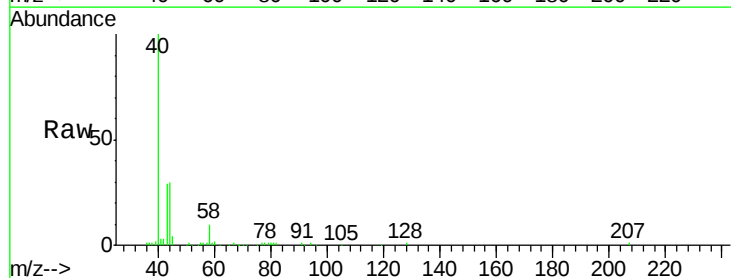
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

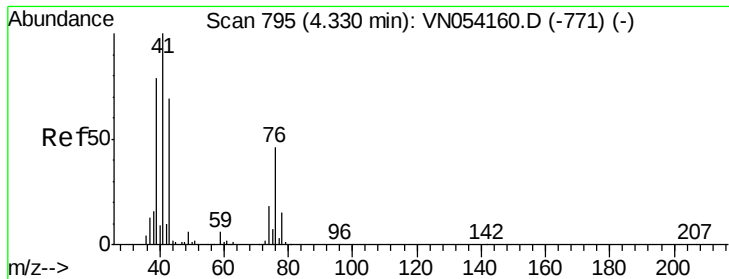
Tot Ion: 56 Resp: 515
Ion Ratio Lower Upper
56 100
55 36.5 56.7 85.1#



#16
Acetone
Concen: 8.332 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion: 43 Resp: 31871
Ion Ratio Lower Upper
43 100
58 38.8 29.9 44.9

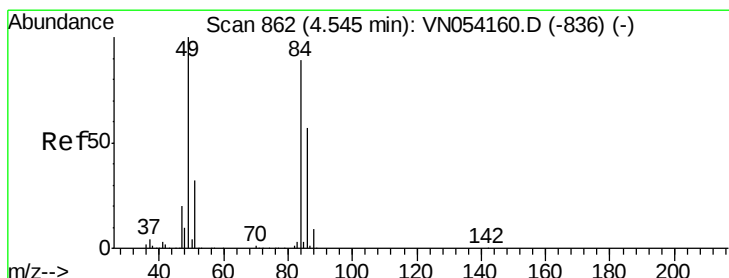
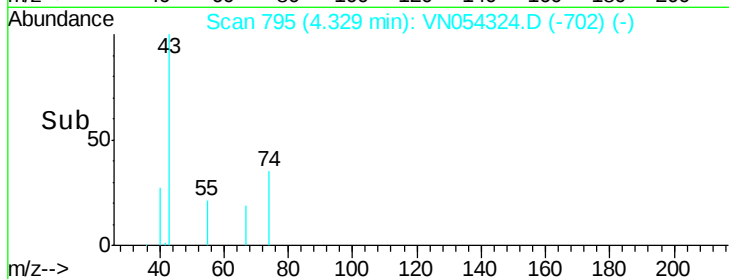
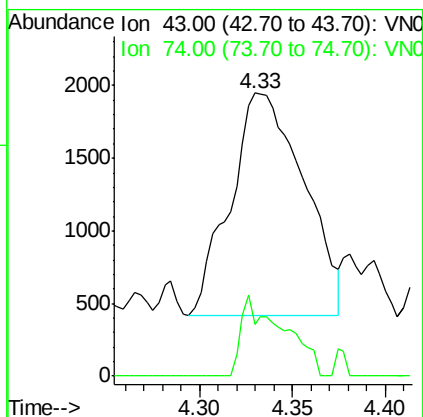
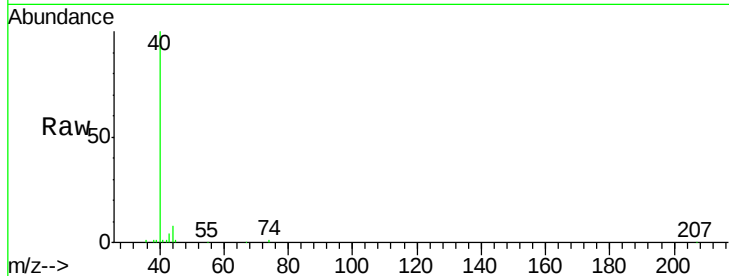




#18
Methyl Acetate
Concen: 0.542 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

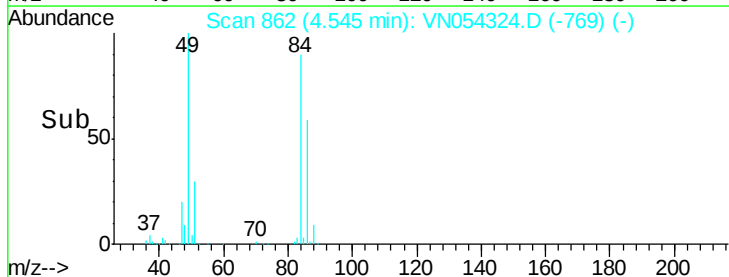
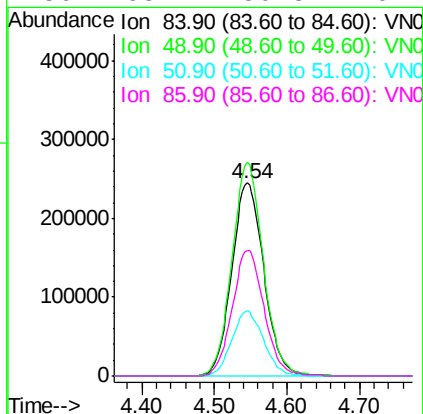
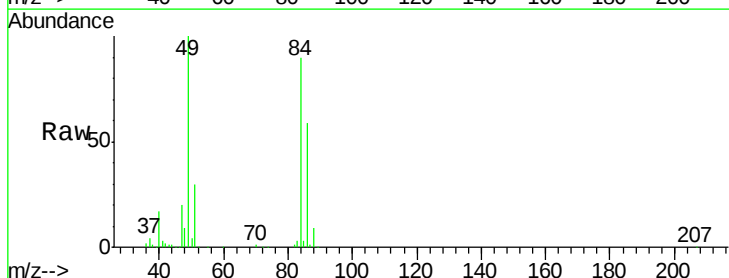
Instrument :
MSVOA_N
ClientSampled :
OILY-DEBRIS

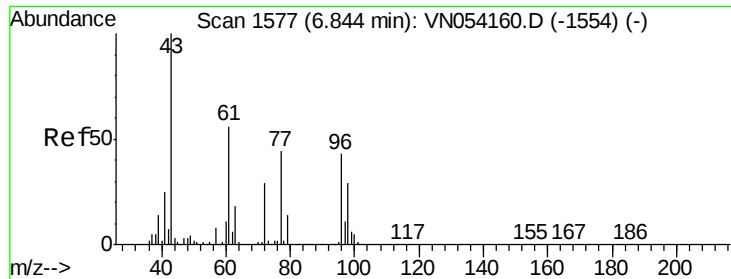
Tot Ion: 43 Resp: 4198
Ion Ratio Lower Upper
43 100
74 20.9 20.8 31.2



#20
Methylene Chloride
Concen: 60.214 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion: 84 Resp: 756311
Ion Ratio Lower Upper
84 100
49 110.7 89.7 134.5
51 33.6 28.2 42.4
86 65.1 50.8 76.2





#25

2-Butanone

Concen: 0.911 ug/l

RT: 6.86 min Scan# 1583

Delta R.T. 0.02 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

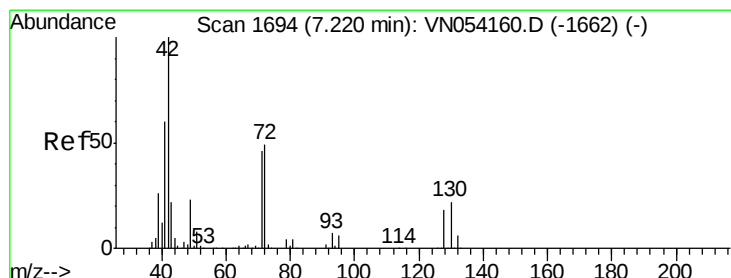
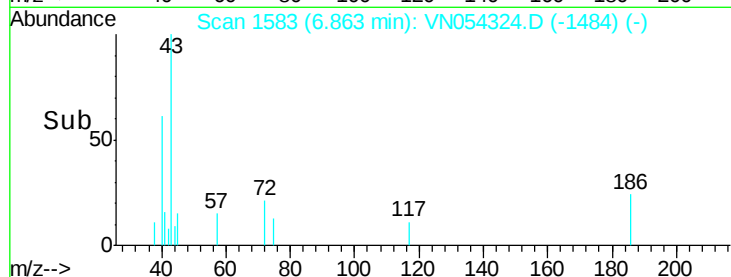
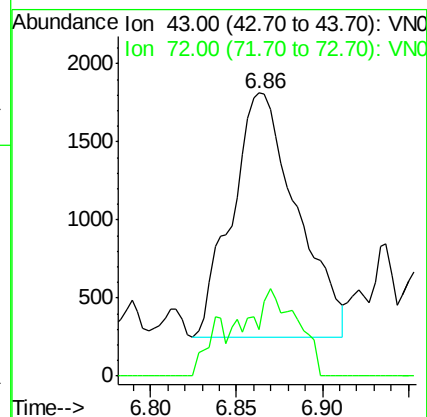
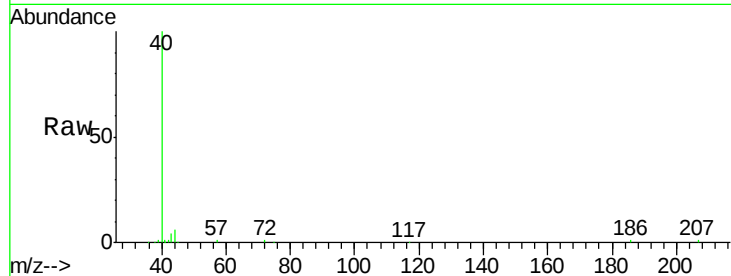
OILY-DEBRIS

Tot Ion: 43 Resp: 4089

Ion Ratio Lower Upper

43 100

72 18.9 23.0 34.6#



#29

Tetrahydrofuran

Concen: 0.535 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

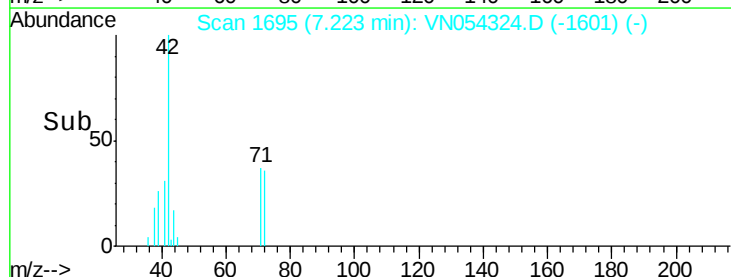
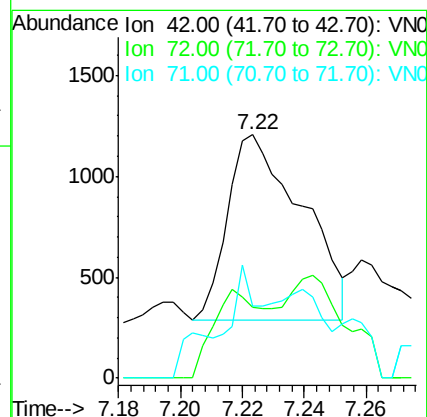
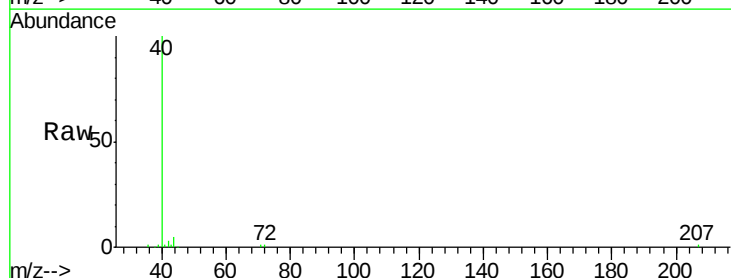
Tgt Ion: 42 Resp: 1543

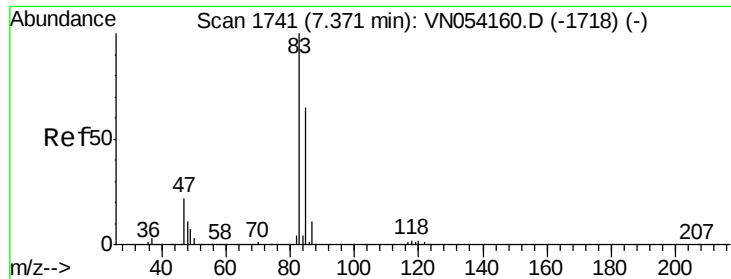
Ion Ratio Lower Upper

42 100

72 33.3 37.8 56.6#

71 9.9 36.2 54.2#

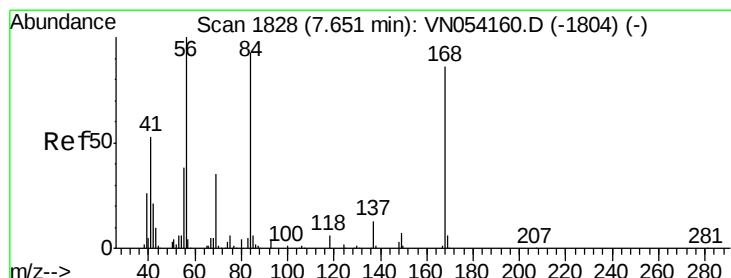
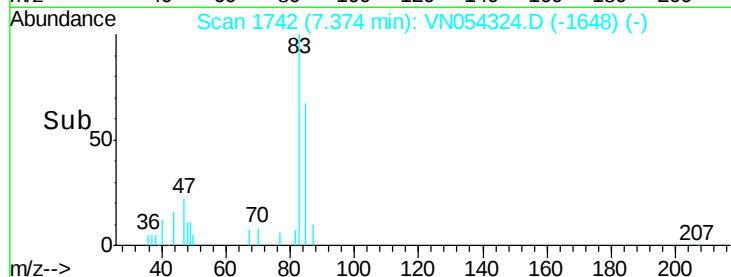
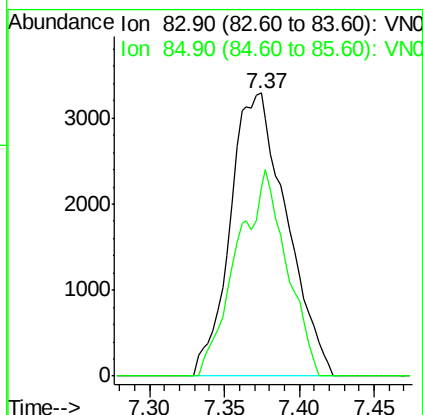
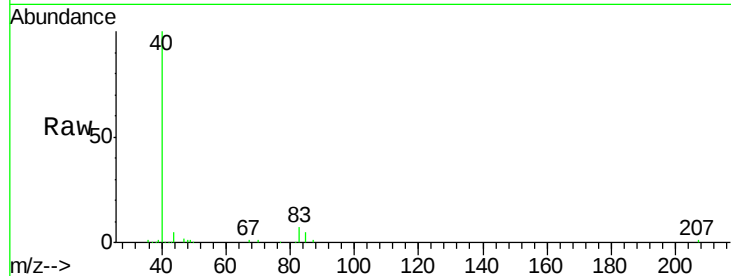




#30
Chloroform
Concen: 0.385 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

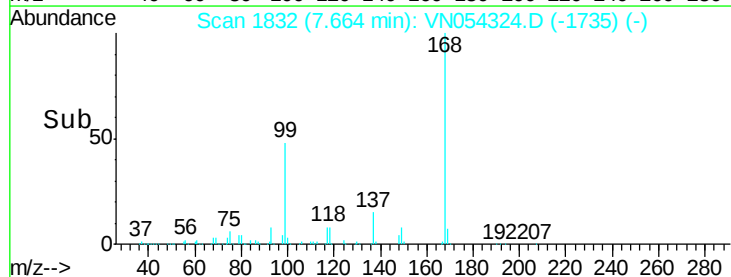
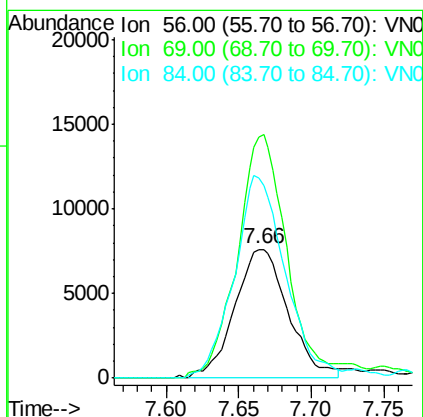
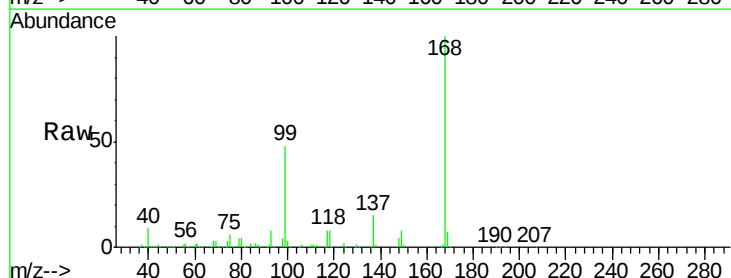
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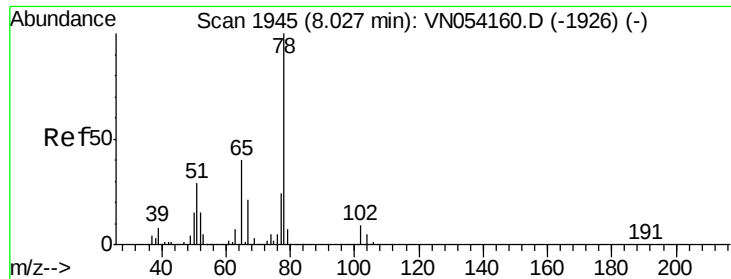
Tot Ion: 83 Resp: 8623
Ion Ratio Lower Upper
83 100
85 66.7 52.2 78.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion: 56 Resp: 19542
Ion Ratio Lower Upper
56 100
69 184.0 27.8 41.6#
84 152.5 74.6 111.8#

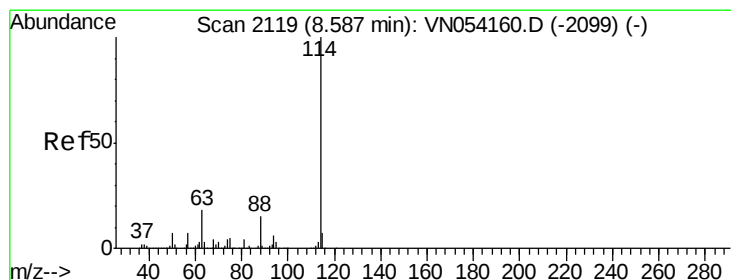
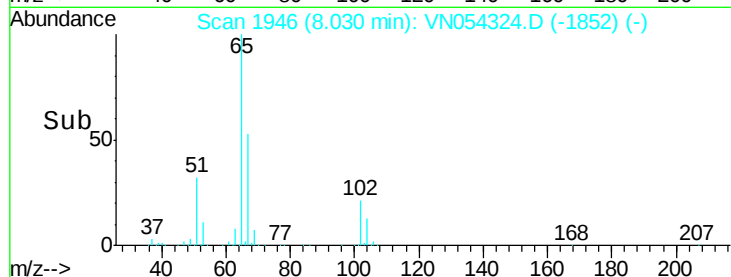
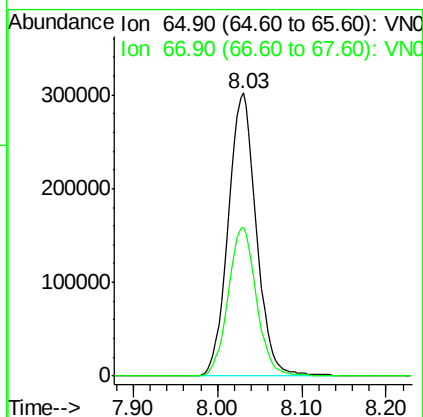
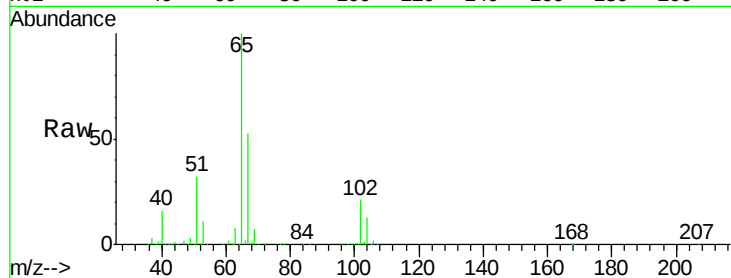




#33
 1,2-Dichloroethane-d4
 Concen: 52.457 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

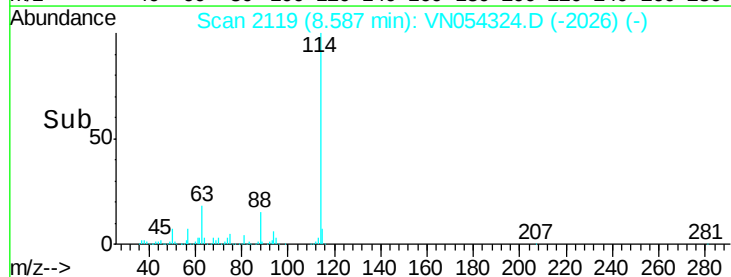
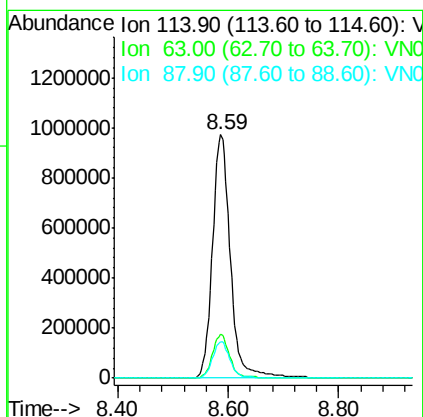
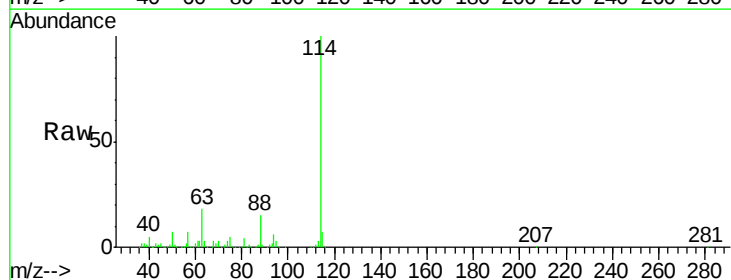
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

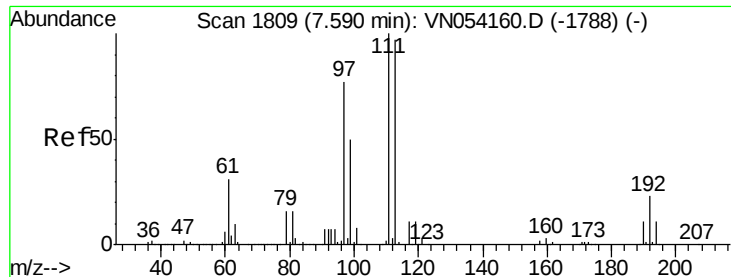
Tot Ion: 65 Resp: 700815
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

Tgt Ion: 114 Resp: 2188355
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 15.0 0.0 30.2

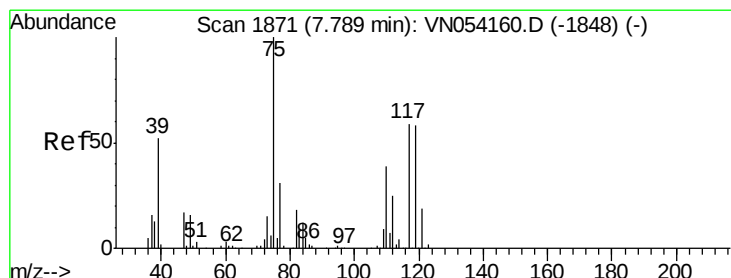
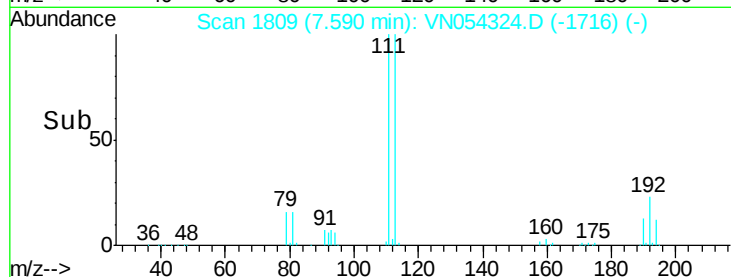
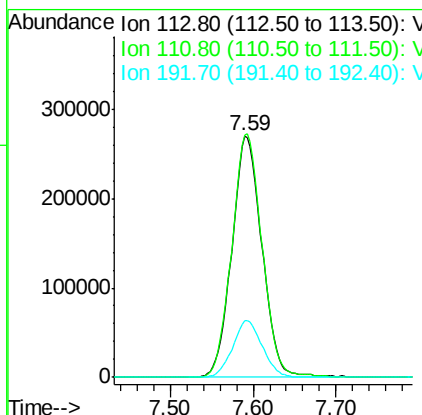
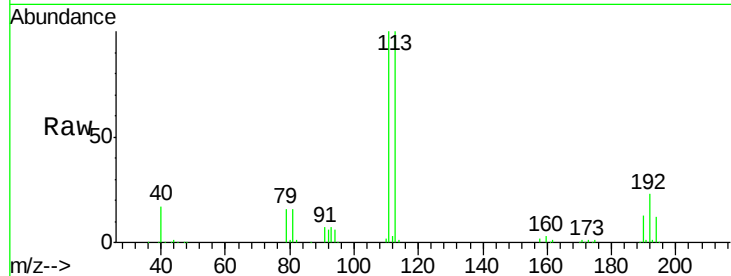




#35
 Dibromofluoromethane
 Concen: 48.263 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

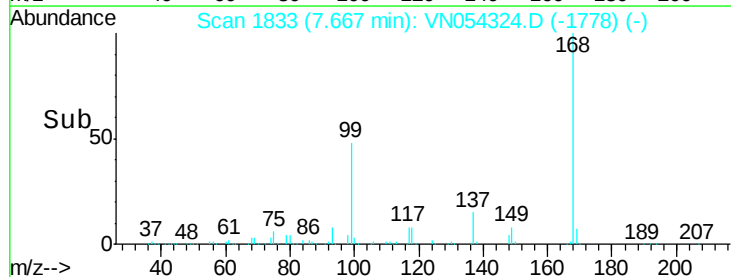
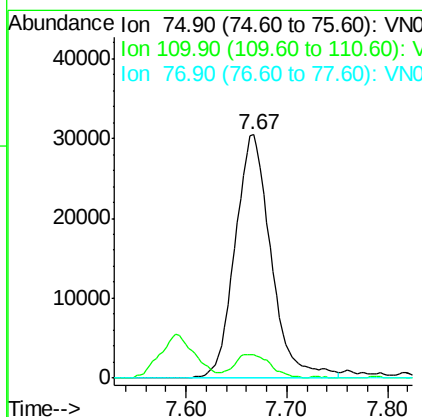
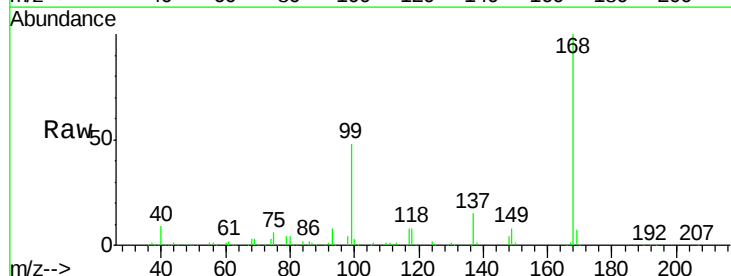
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

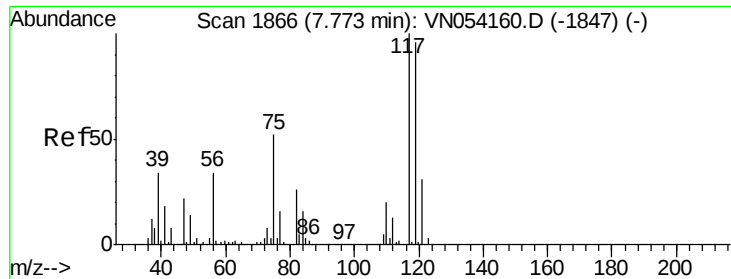
Tot Ion:113 Resp: 681184
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.4
 192 23.5 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 3.738 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

Tgt Ion: 75 Resp: 75328
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.1 57.5#
 77 0.0 25.0 37.4#

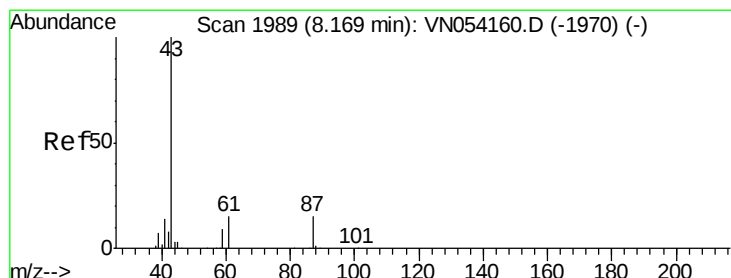
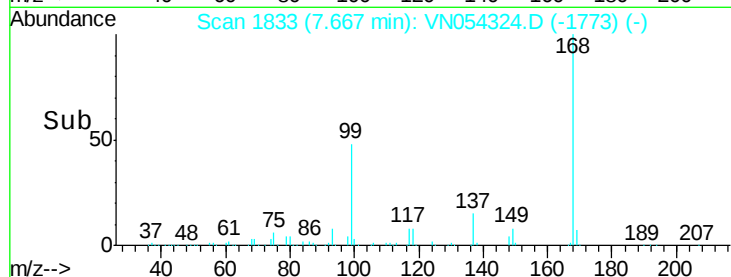
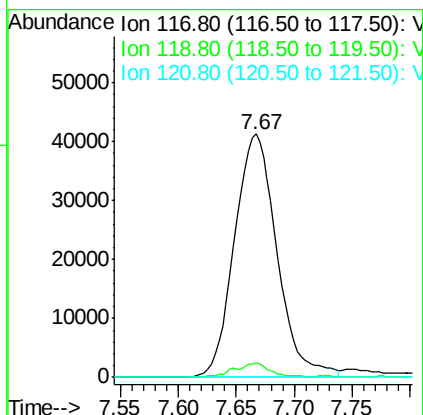
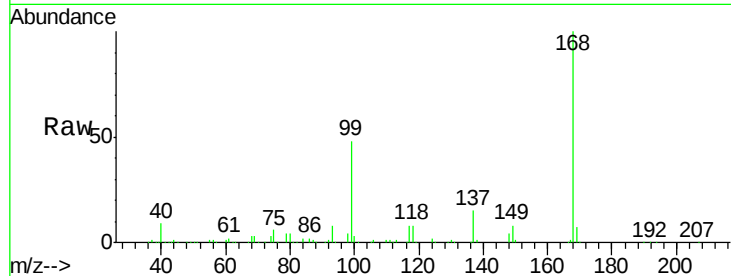




#38
Carbon Tetrachloride
Concen: 4.982 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

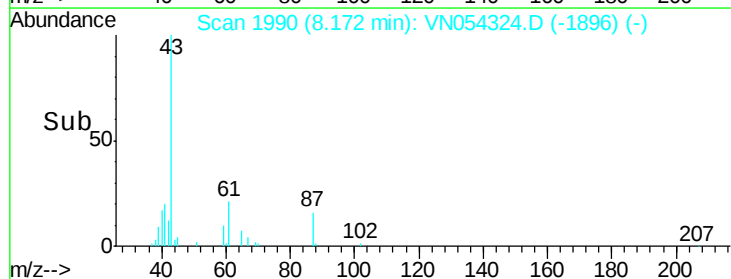
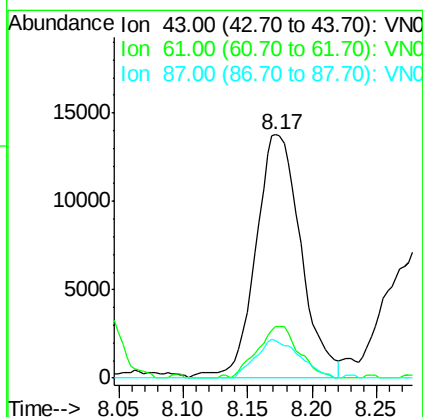
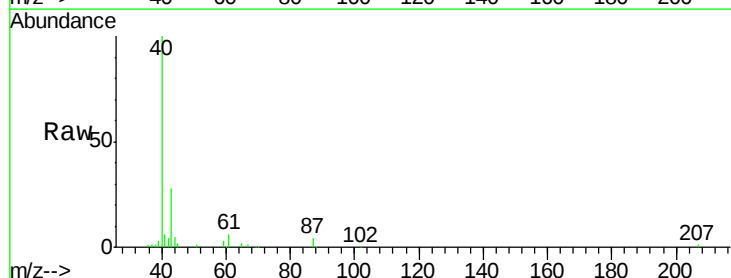
Instrument :
MSVOA_N
ClientSampled :
OILY-DEBRIS

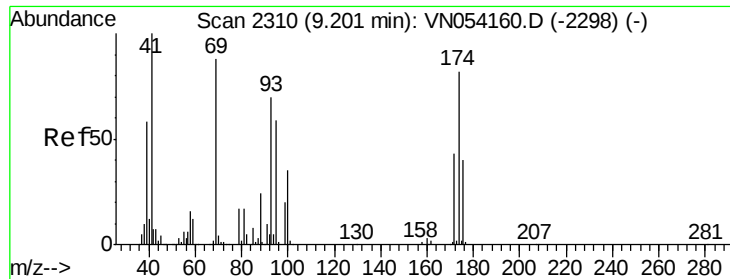
Tot Ion:117 Resp: 105282
Ion Ratio Lower Upper
117 100
119 5.8 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 1.649 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion: 43 Resp: 33526
Ion Ratio Lower Upper
43 100
61 19.5 15.8 23.8
87 15.4 12.0 18.0

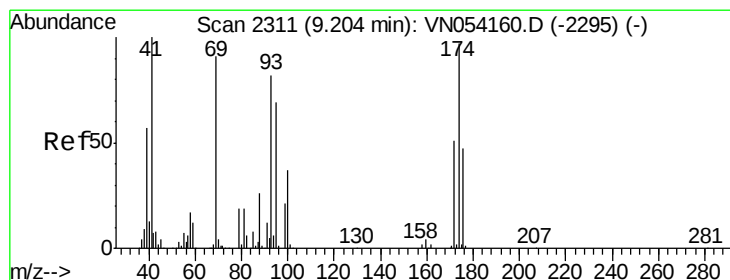
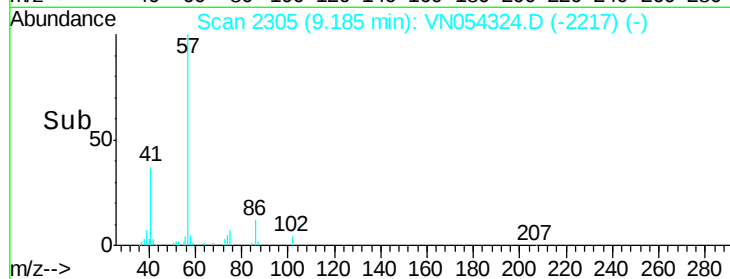
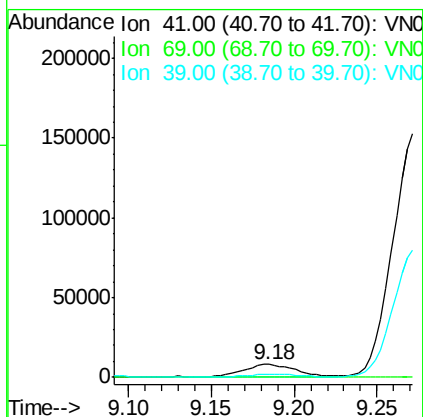
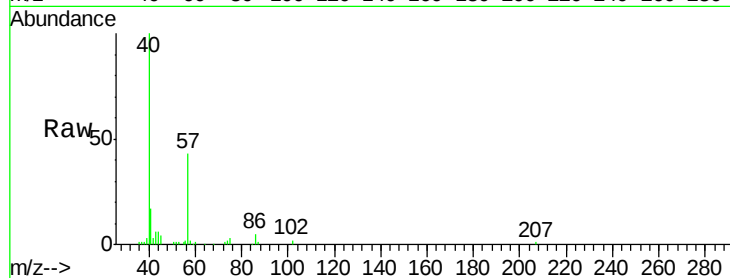




#48
Methvl methacrylate
Concen: 1.599 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

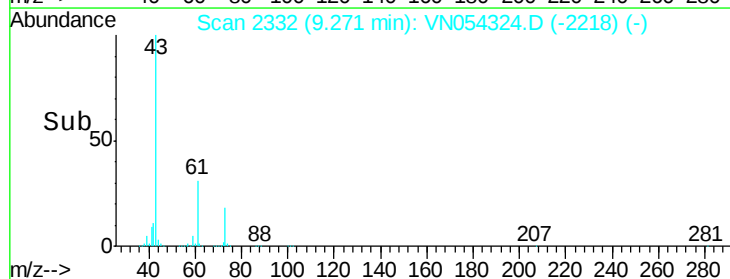
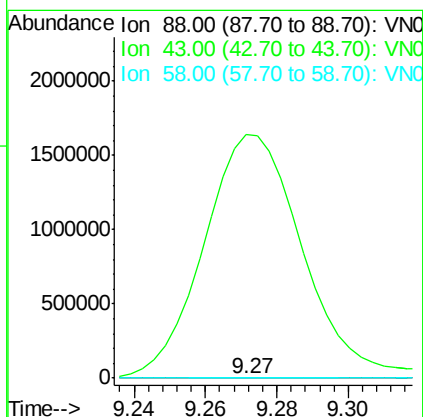
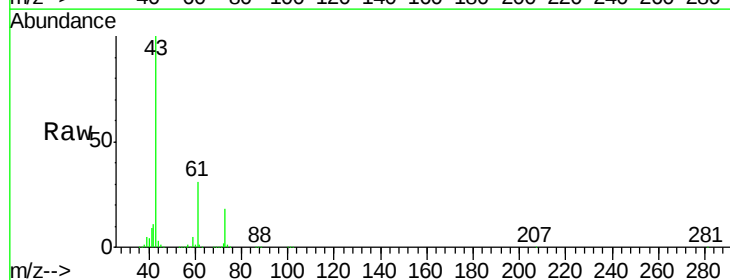
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

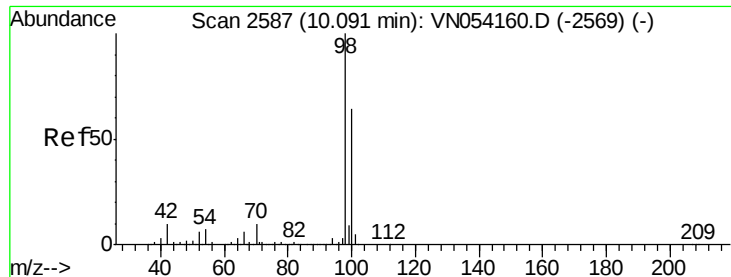
Tot Ion: 41 Resp: 16491
Ion Ratio Lower Upper
41 100
69 0.5 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 3.557 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion: 88 Resp: 519
Ion Ratio Lower Upper
88 100
43 634377.3 24.1 36.1#
58 2736.8 50.8 76.2#





#50

Toluene-d8

Concen: 52.369 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

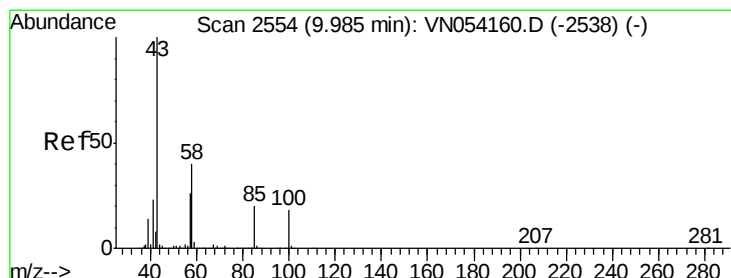
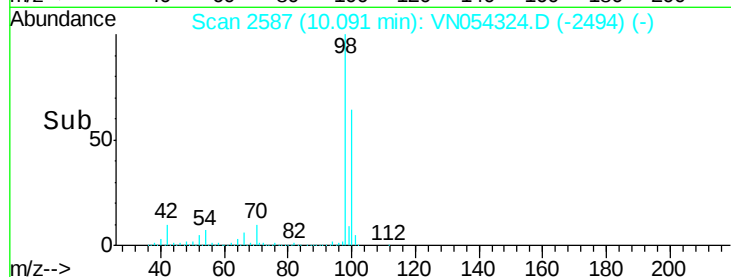
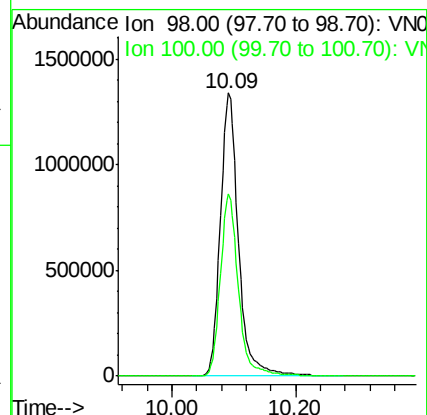
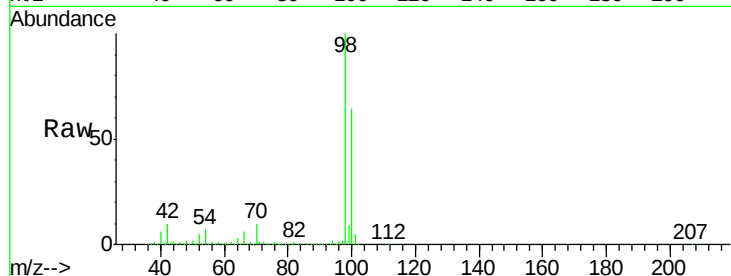
OILY-DEBRIS

Tot Ion: 98 Resp: 2729711

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.706 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054324.D

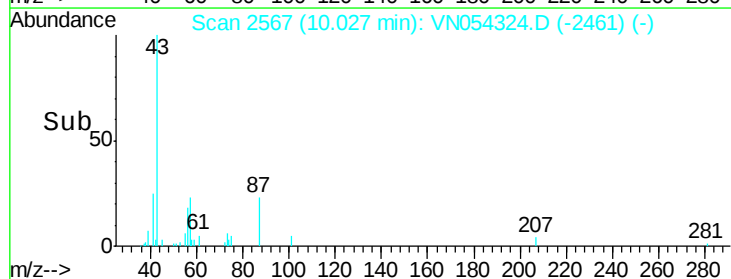
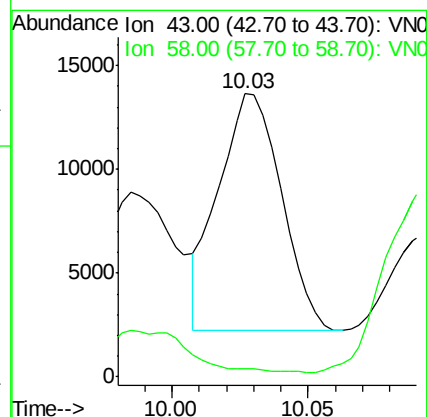
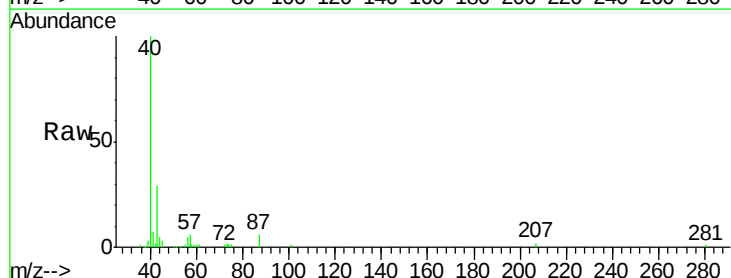
Acq: 15 Mar 2019 21:55

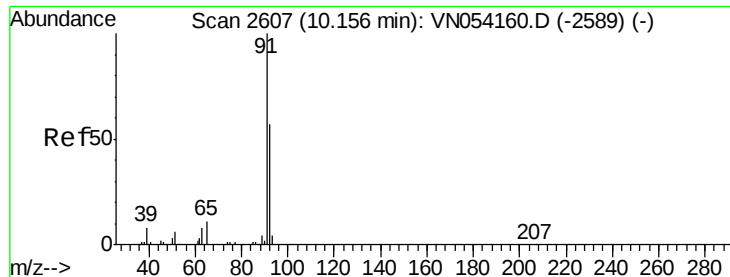
Tgt Ion: 43 Resp: 18345

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#





#52

Toluene

Concen: 0.235 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

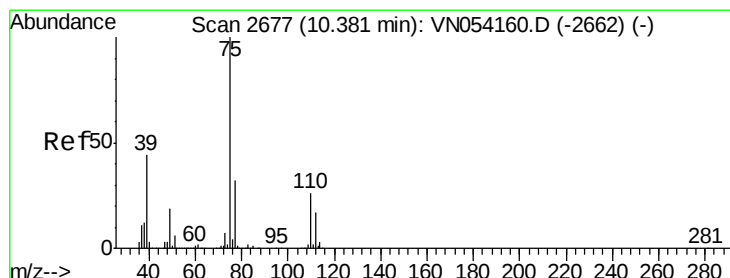
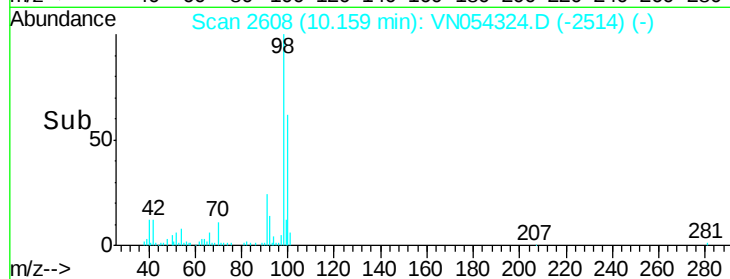
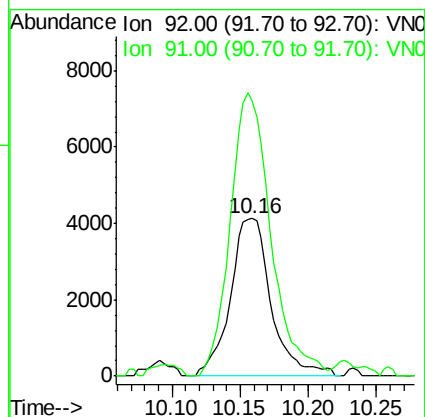
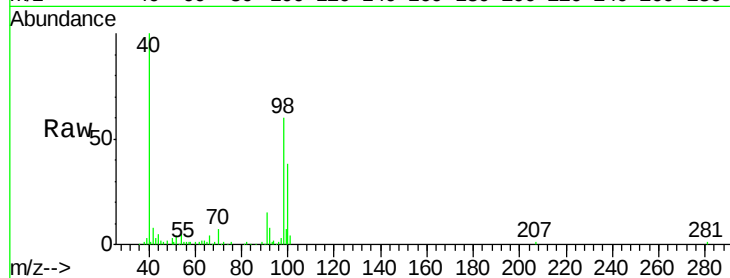
OILY-DEBRIS

Tot Ion: 92 Resp: 8580

Ion Ratio Lower Upper

92 100

91 179.4 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 1.987 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN054324.D

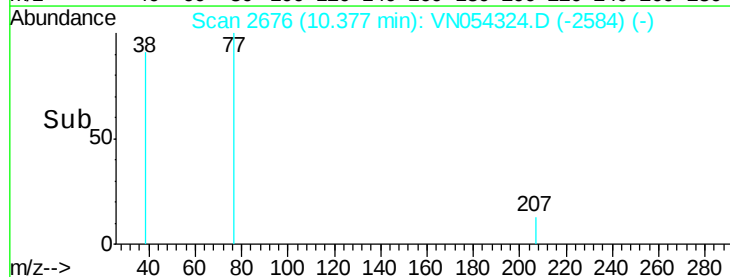
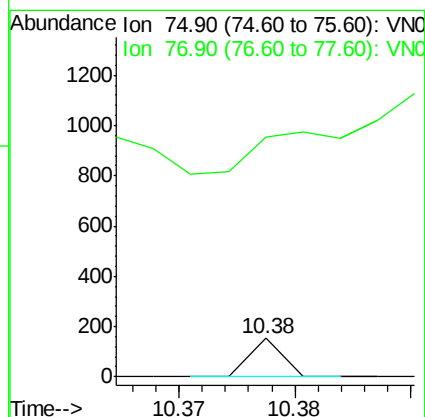
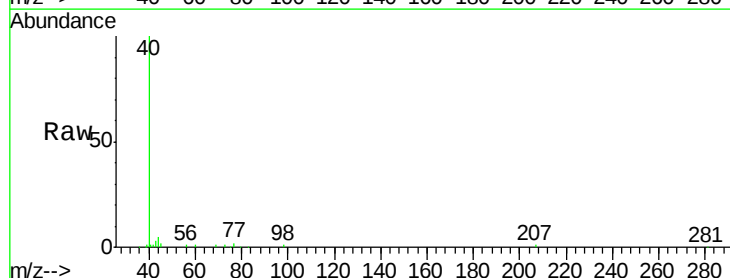
Acq: 15 Mar 2019 21:55

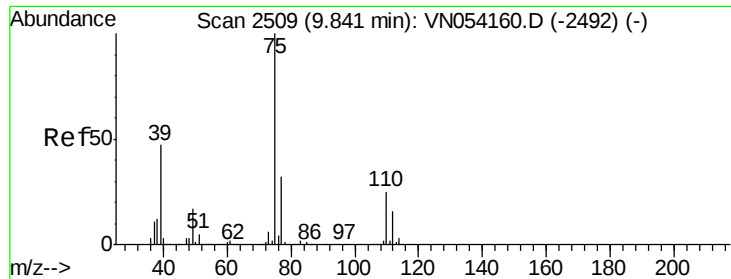
Tgt Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

77 94.1 25.8 38.8#





#54

cis-1,3-Dichloropropene

Concen: 6.955 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS

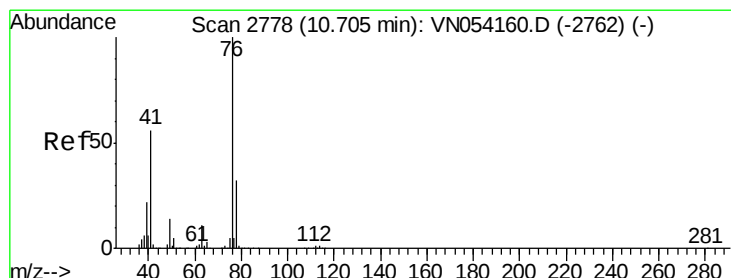
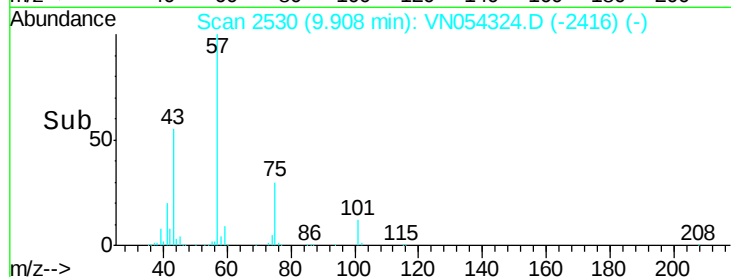
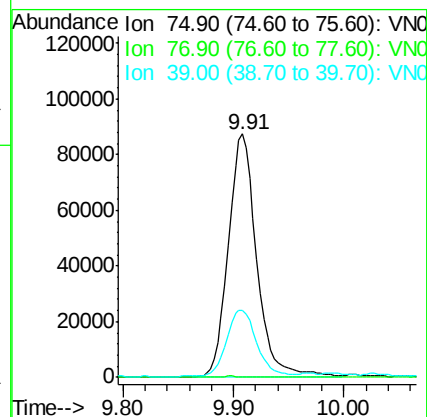
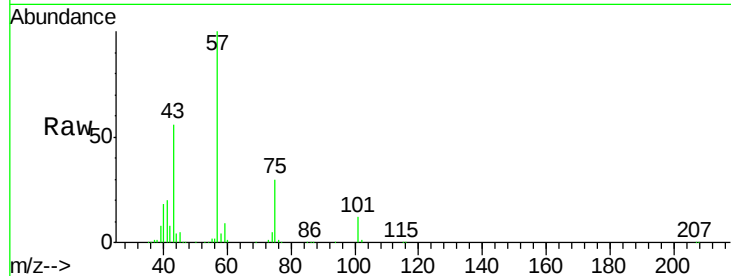
Tot Ion: 75 Resp: 157203

Ion Ratio Lower Upper

75 100

77 0.4 25.4 38.0#

39 26.8 37.2 55.8#



#57

1,3-Dichloropropane

Concen: 1.403 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN054324.D

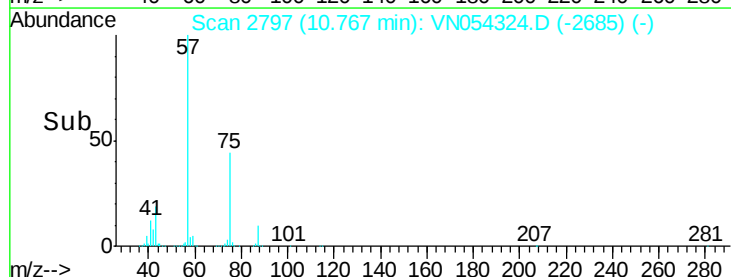
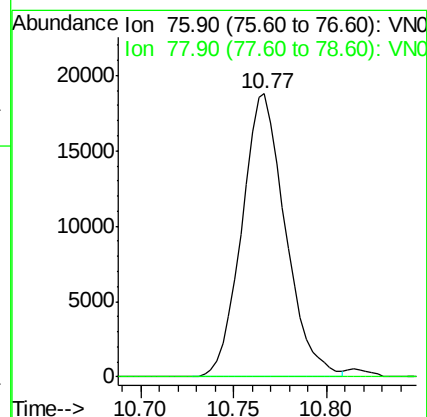
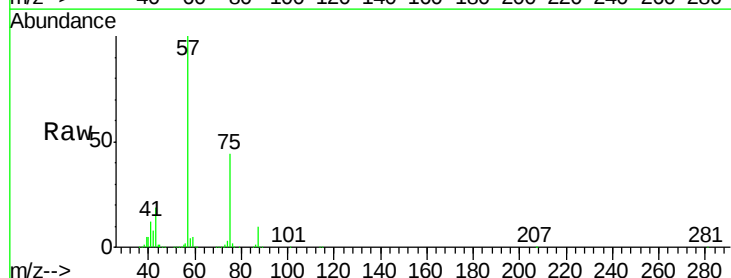
Acq: 15 Mar 2019 21:55

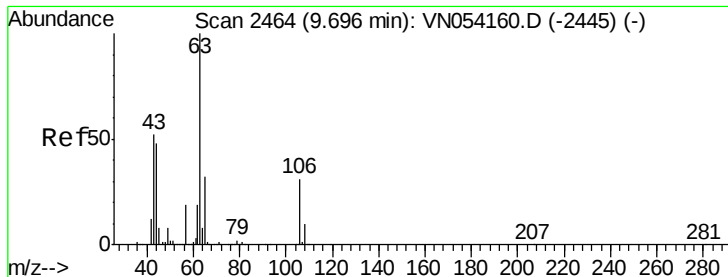
Tgt Ion: 76 Resp: 30635

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#





#58

2-Chloroethyl Vinyl ether

Concen: 16.832 ug/l

RT: 9.67 min Scan# 2457

Delta R.T. -0.02 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

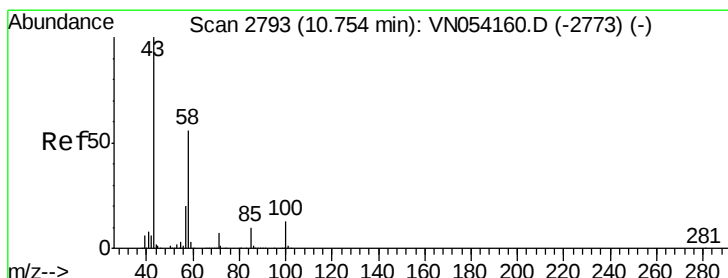
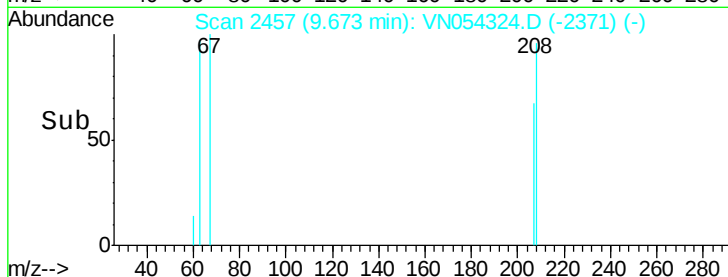
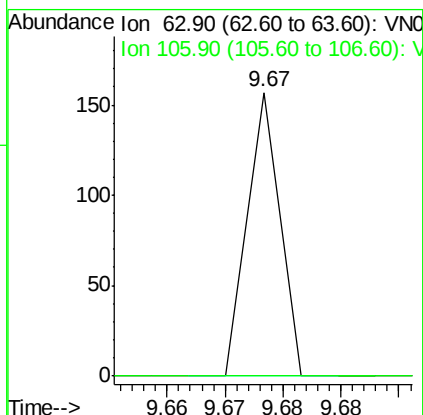
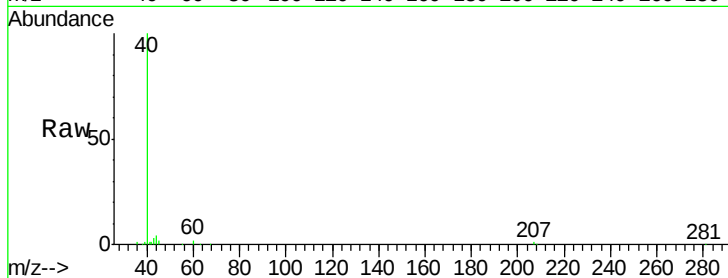
OILY-DEBRIS

Tot Ion: 63 Resp: 30

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#



#59

2-Hexanone

Concen: 55.638 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054324.D

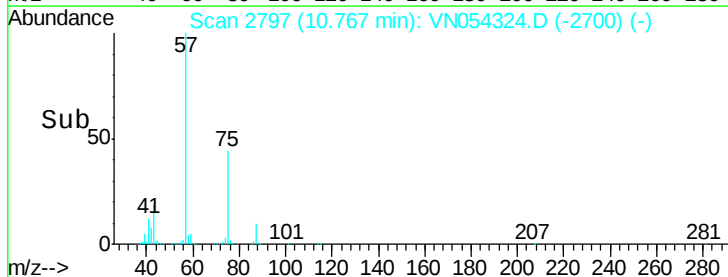
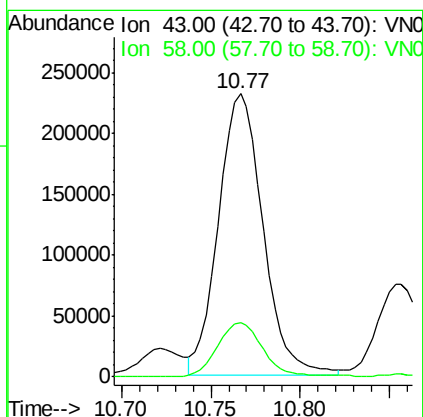
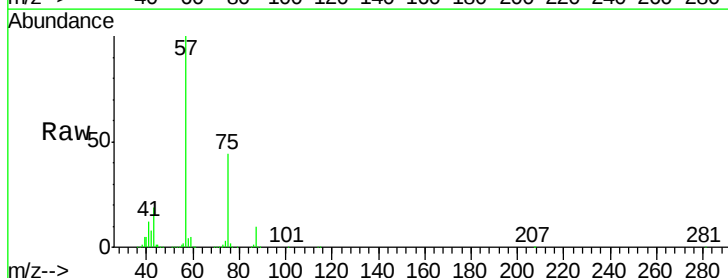
Acq: 15 Mar 2019 21:55

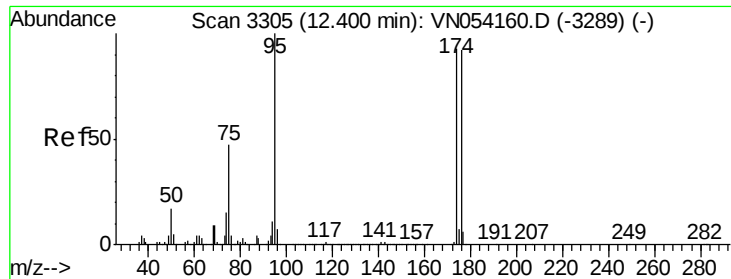
Tgt Ion: 43 Resp: 398215

Ion Ratio Lower Upper

43 100

58 20.1 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 58.374 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS

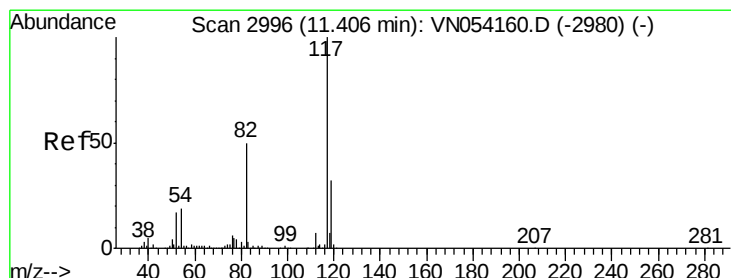
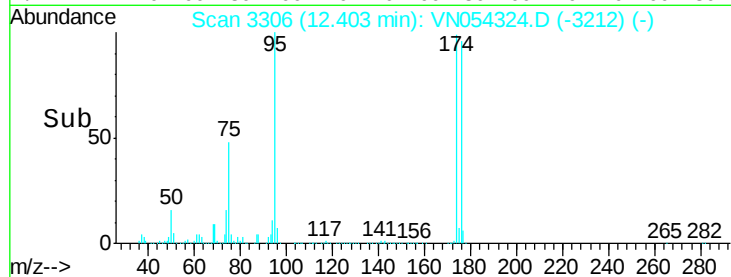
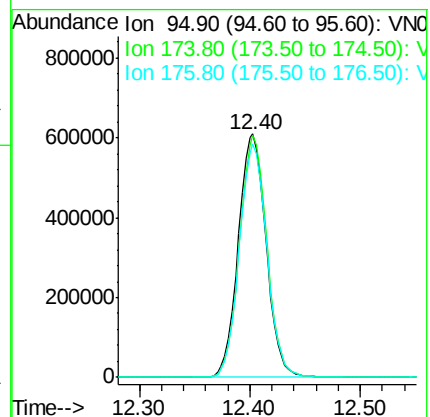
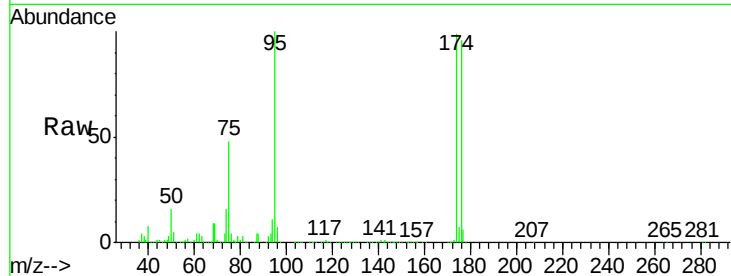
Tot Ion: 95 Resp: 1064652

Ion Ratio Lower Upper

95 100

174 97.9 0.0 191.0

176 95.0 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

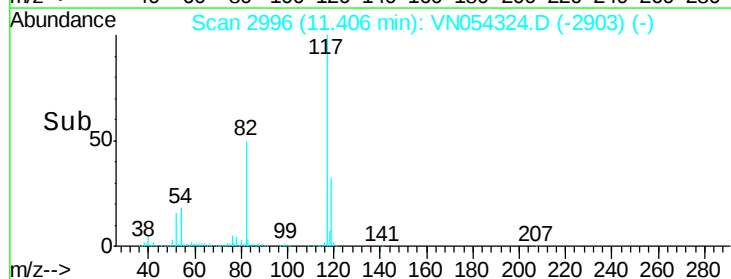
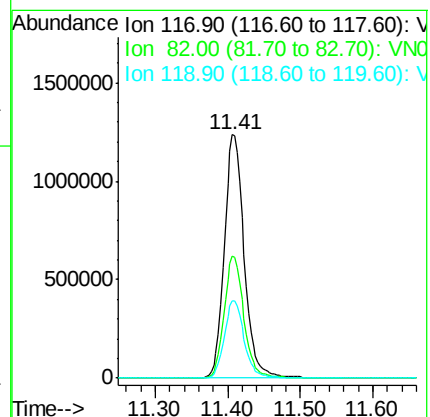
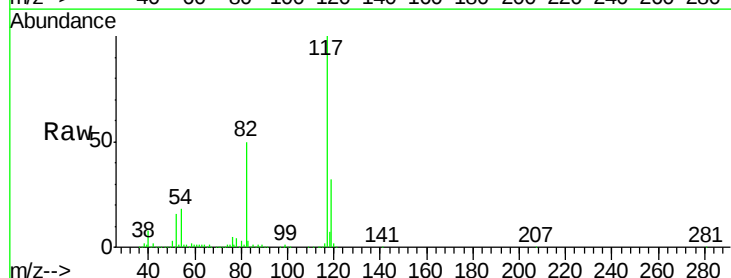
Tgt Ion: 117 Resp: 2345692

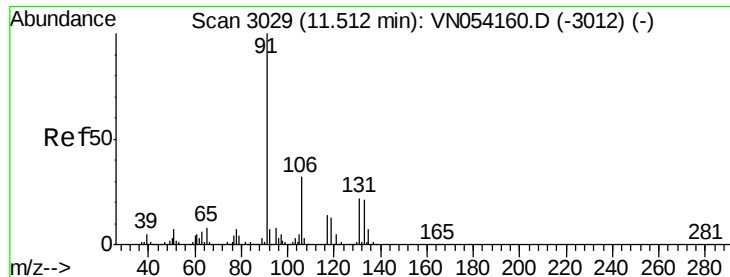
Ion Ratio Lower Upper

117 100

82 50.2 40.0 60.0

119 31.9 25.8 38.6





#67

Ethyl Benzene

Concen: 2.512 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

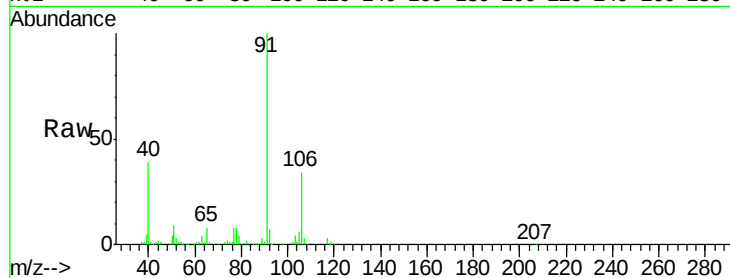
OILY-DEBRIS

Tot Ion: 91 Resp: 214459

Ion Ratio Lower Upper

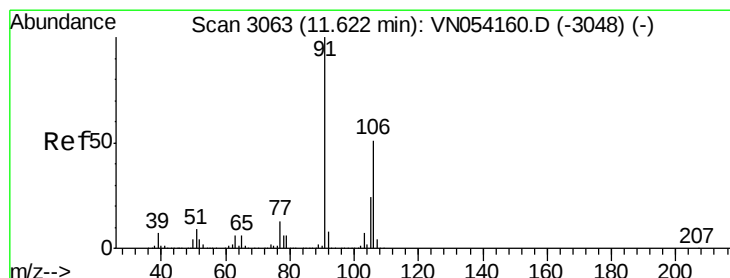
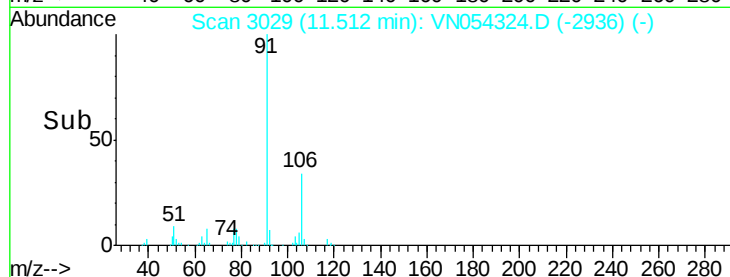
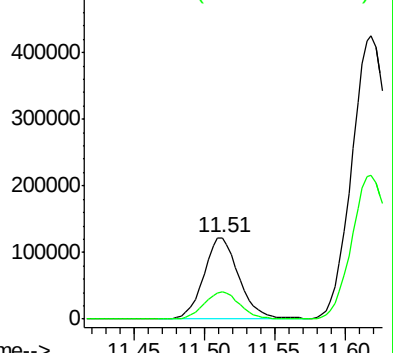
91 100

106 33.7 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 12.869 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054324.D

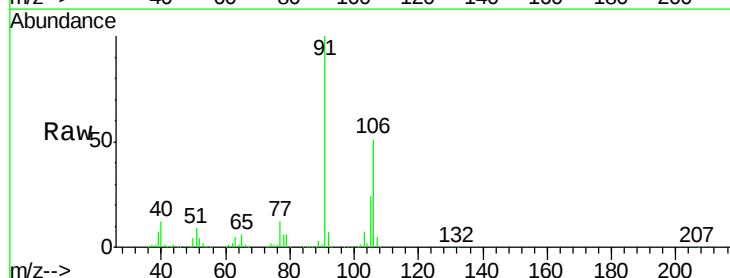
Acq: 15 Mar 2019 21:55

Tgt Ion: 106 Resp: 429441

Ion Ratio Lower Upper

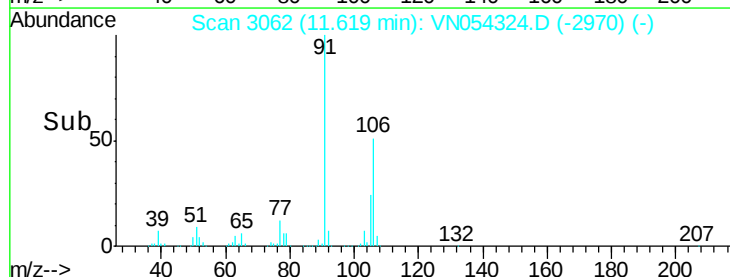
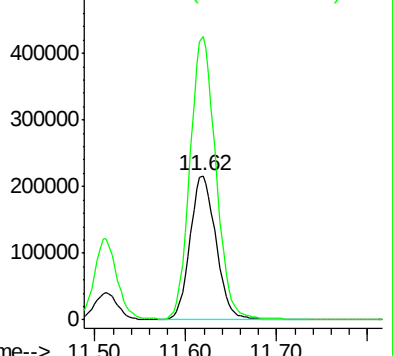
106 100

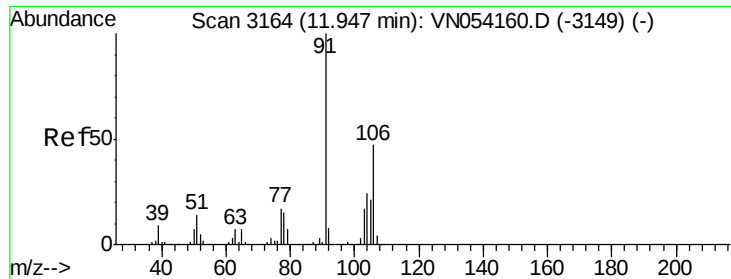
91 195.5 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

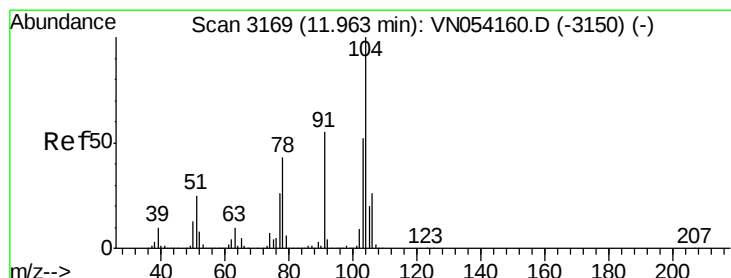
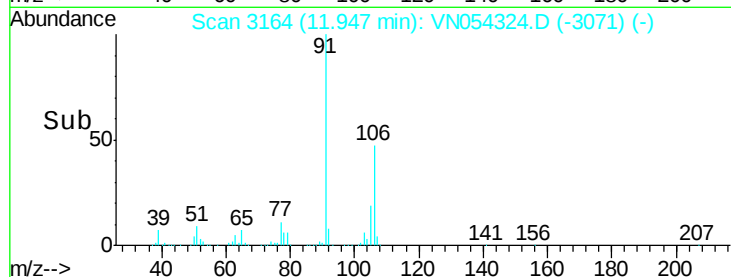
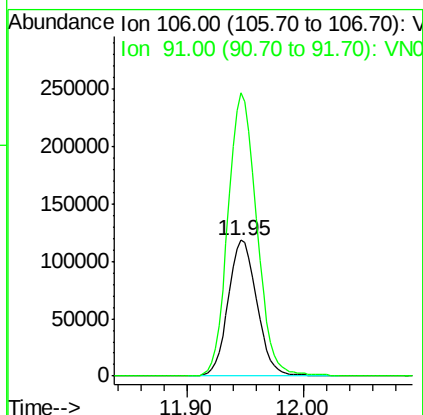
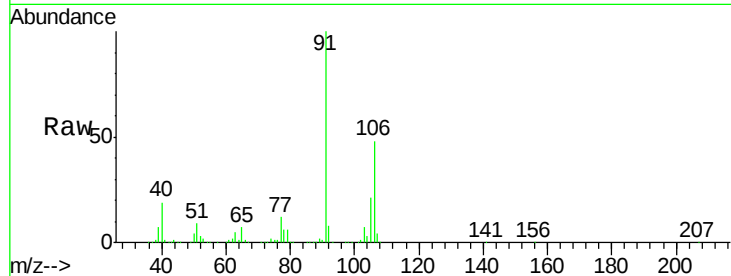




#69
o-Xylene
Concen: 6.263 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

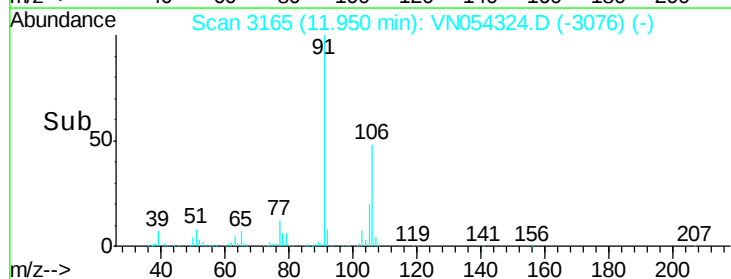
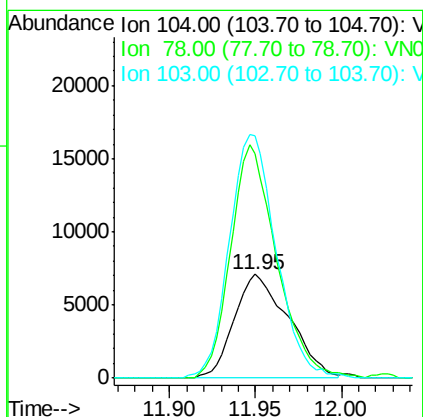
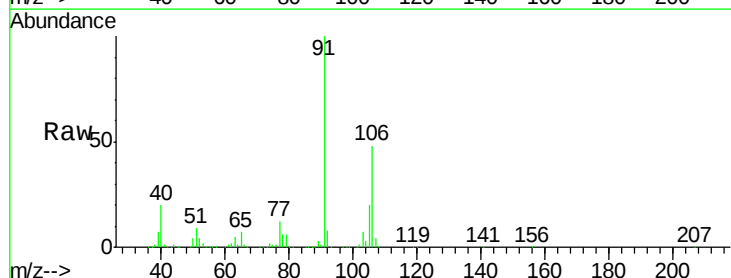
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

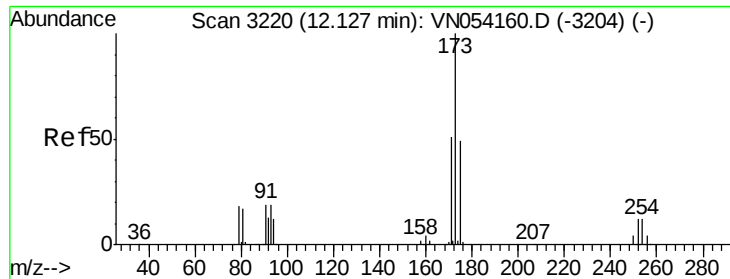
Tot Ion:106 Resp: 203740
Ion Ratio Lower Upper
106 100
91 209.1 105.7 317.1



#70
Styrene
Concen: 0.305 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion:104 Resp: 15552
Ion Ratio Lower Upper
104 100
78 190.8 38.2 57.2#
103 202.5 44.4 66.6#





#71

Bromoform

Concen: 2.761 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS

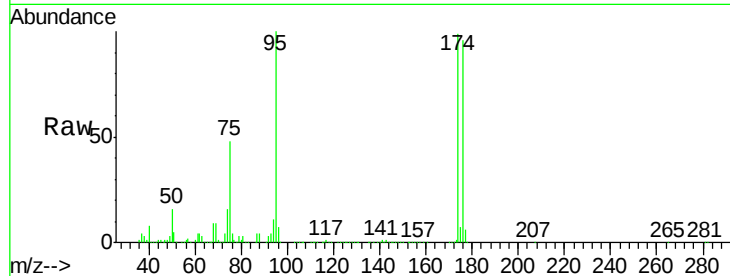
Tot Ion:173 Resp: 6139

Ion Ratio Lower Upper

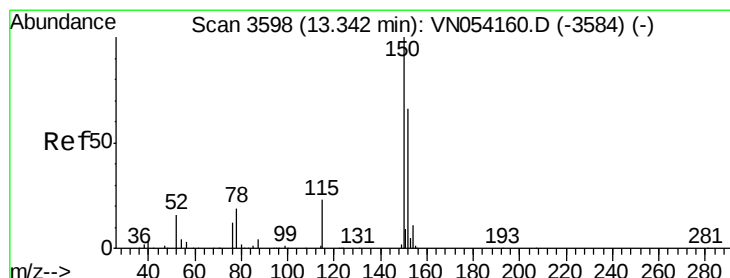
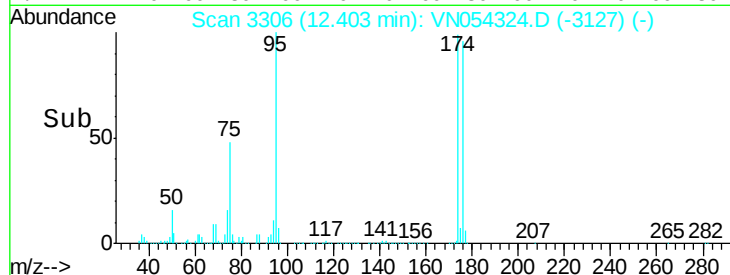
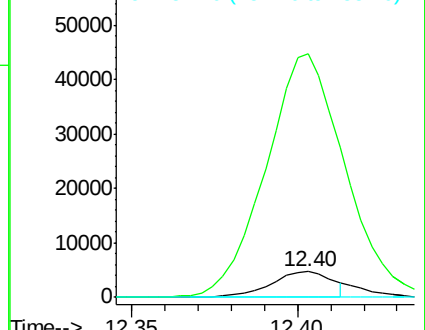
173 100

175 1027.9 24.4 73.2#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

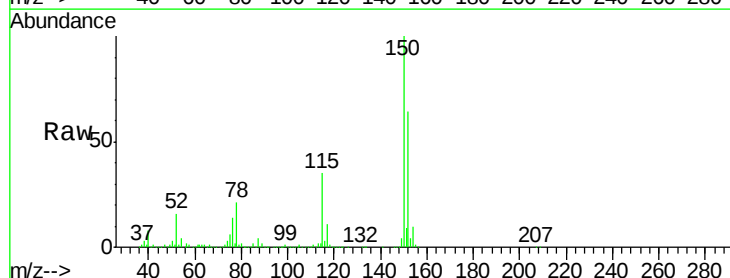
Tgt Ion:152 Resp: 1024789

Ion Ratio Lower Upper

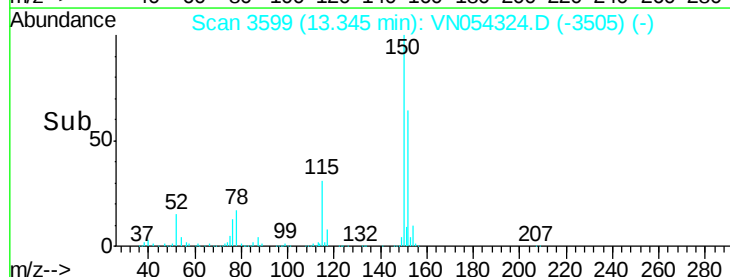
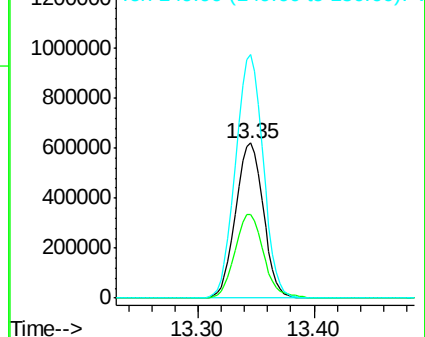
152 100

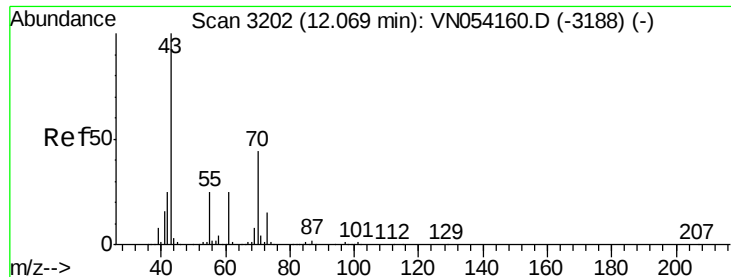
115 55.7 27.2 81.6

150 156.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.365 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS

Tot Ion: 43 Resp: 43047

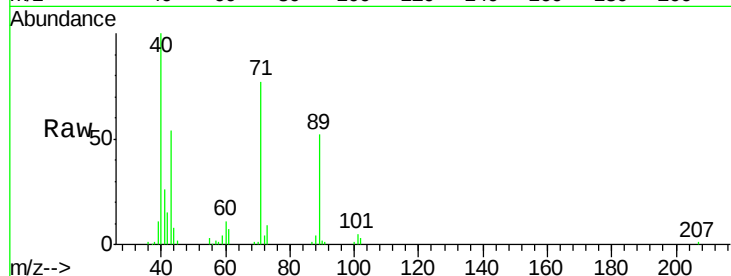
Ion Ratio Lower Upper

43 100

70 3.0 35.4 53.0#

55 4.9 19.8 29.6#

61 12.1 19.8 29.6#

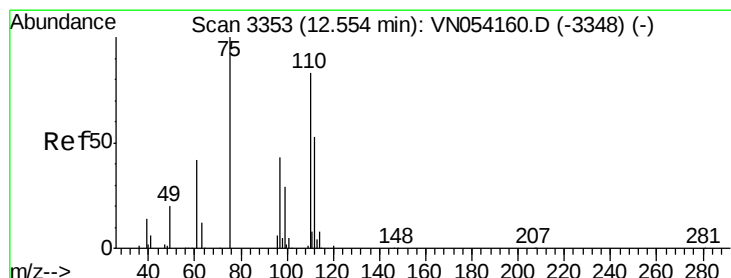
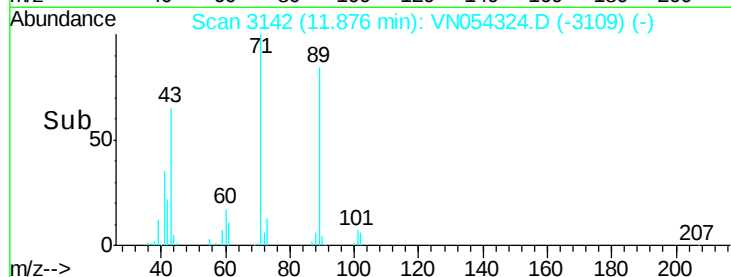
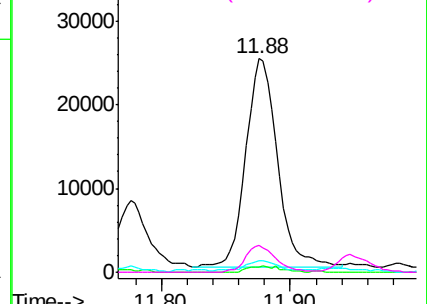


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 33.615 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054324.D

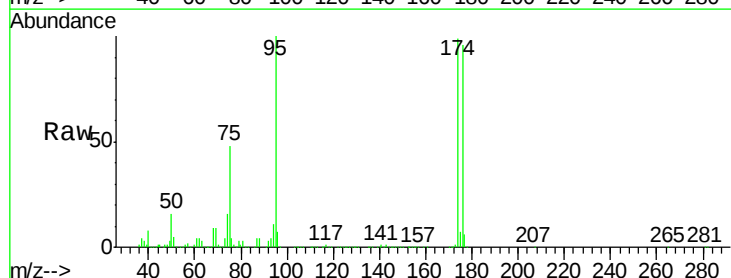
Acq: 15 Mar 2019 21:55

Tgt Ion: 75 Resp: 506579

Ion Ratio Lower Upper

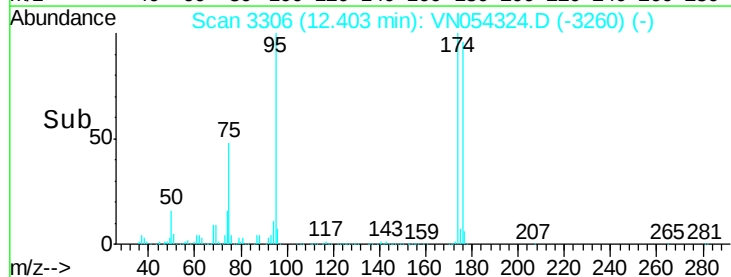
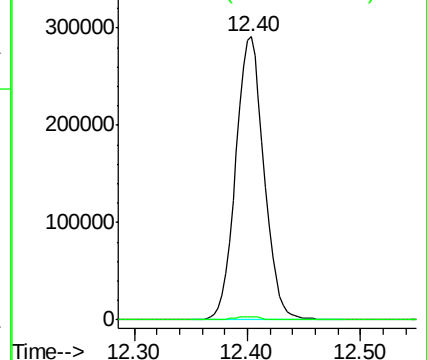
75 100

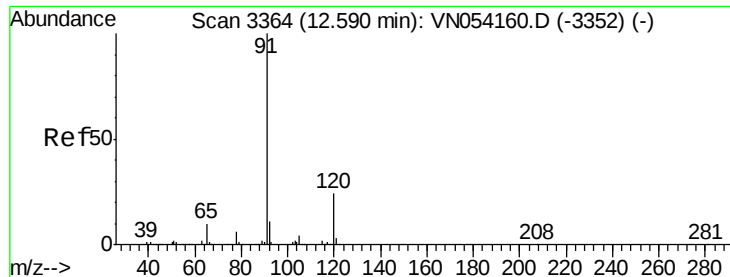
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#78

n-propylbenzene

Concen: 0.976 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

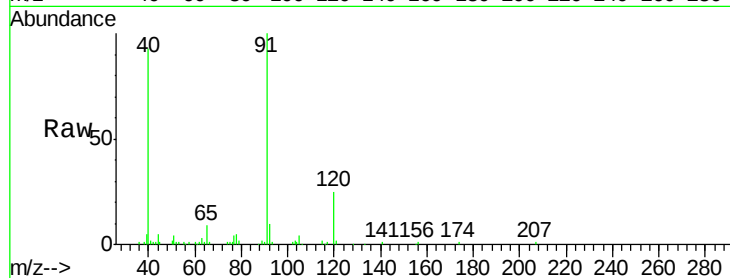
OILY-DEBRIS

Tot Ion: 91 Resp: 86787

Ion Ratio Lower Upper

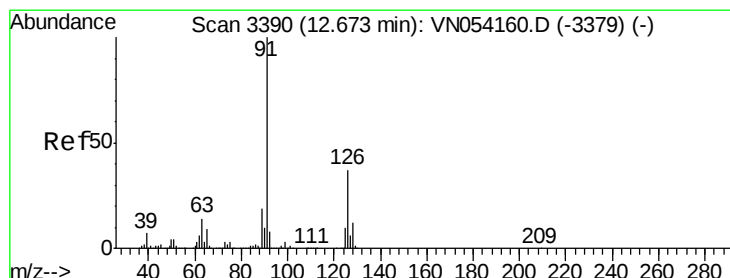
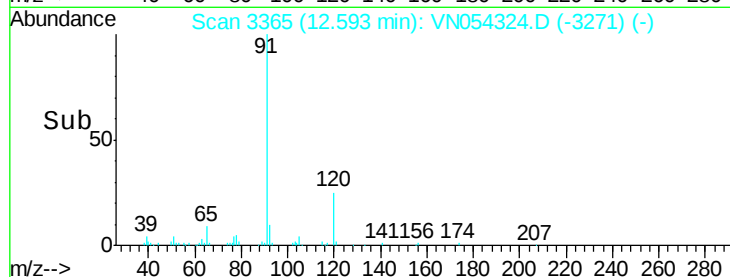
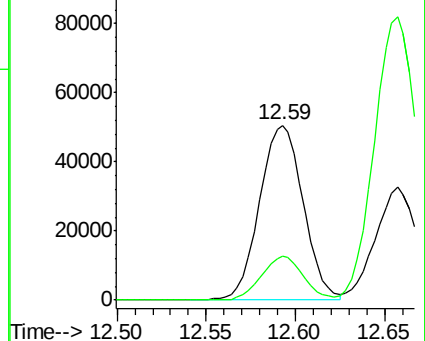
91 100

120 24.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.918 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN054324.D

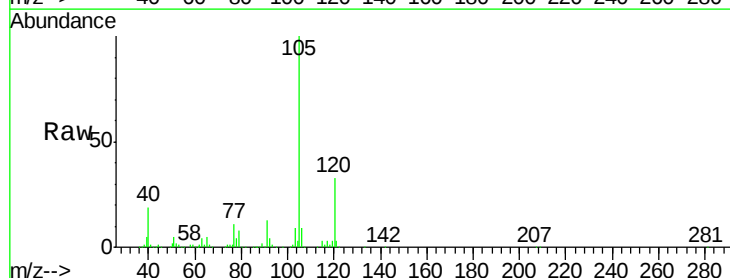
Acq: 15 Mar 2019 21:55

Tgt Ion: 91 Resp: 49082

Ion Ratio Lower Upper

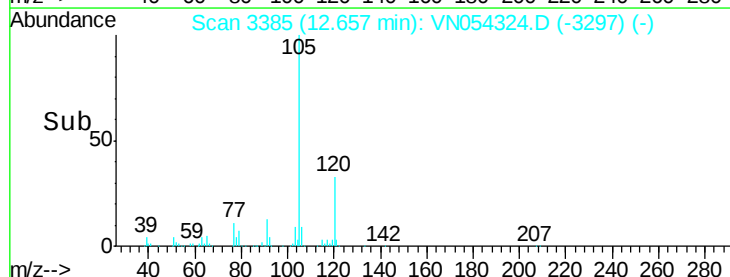
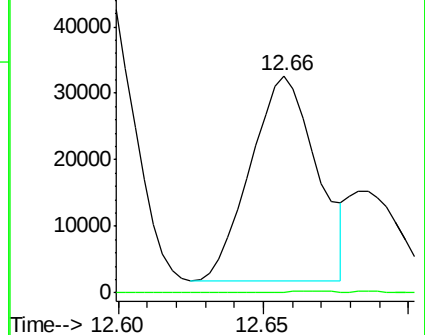
91 100

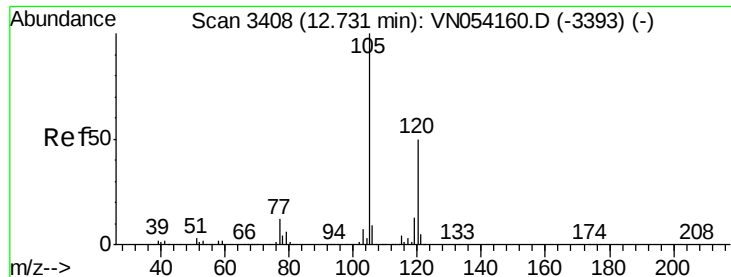
126 0.5 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

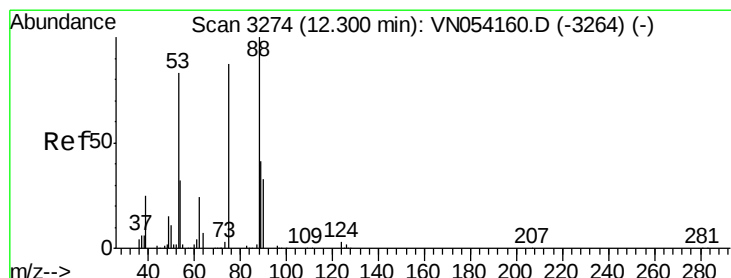
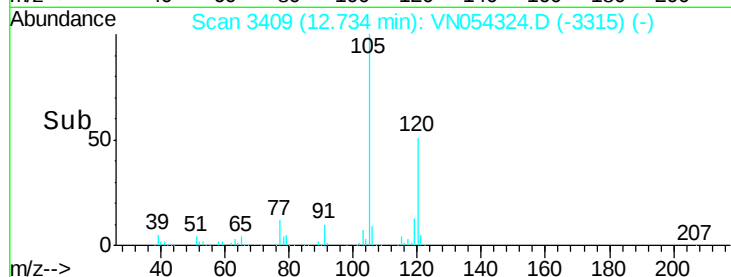
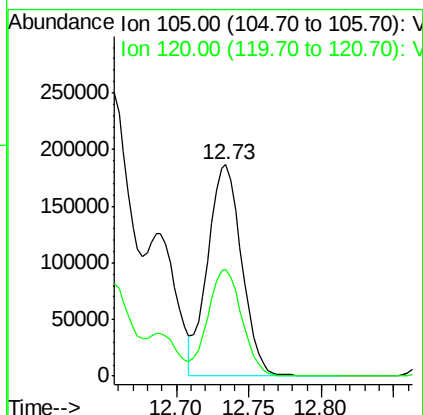
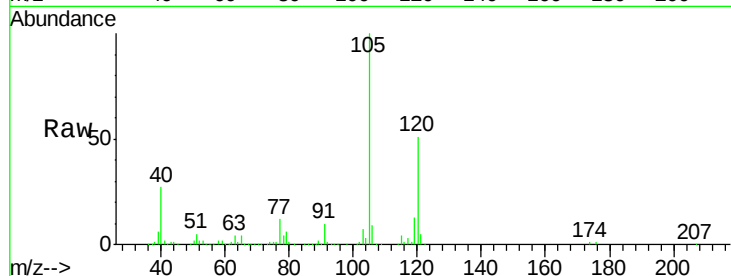




#80
 1,3,5-Trimethylbenzene
 Concen: 4.459 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

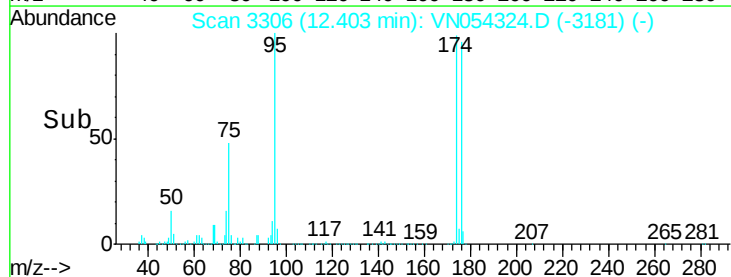
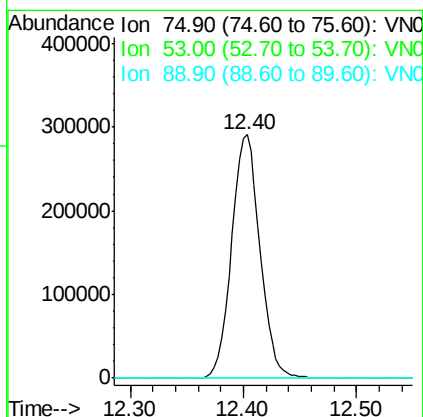
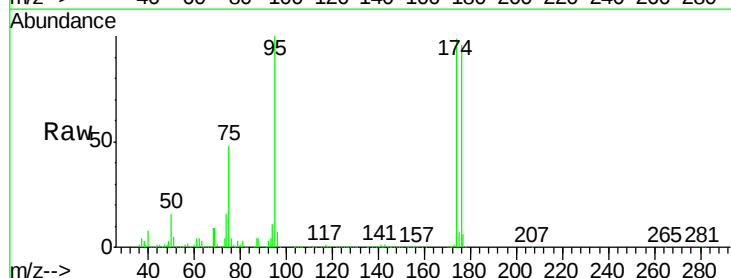
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

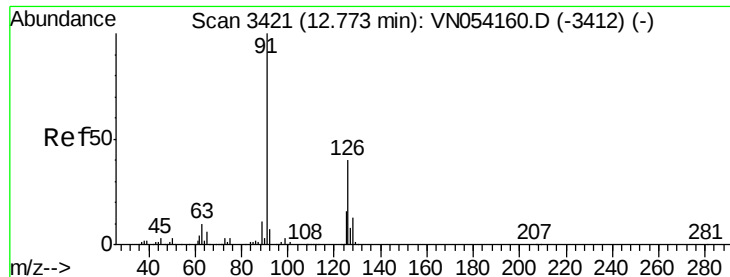
Tot Ion:105 Resp: 304126
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.911 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

Tgt Ion: 75 Resp: 506579
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#

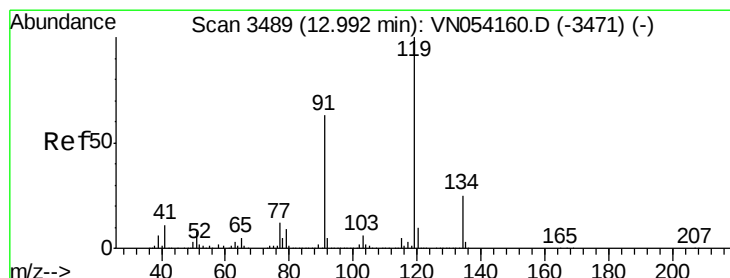
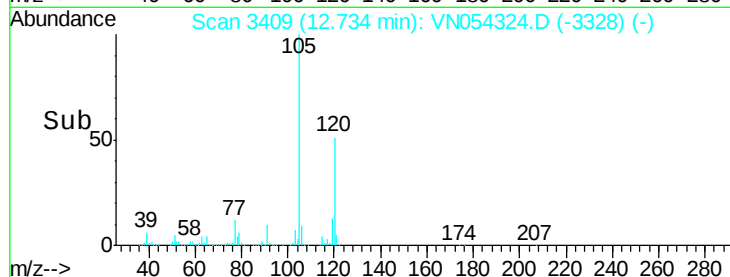
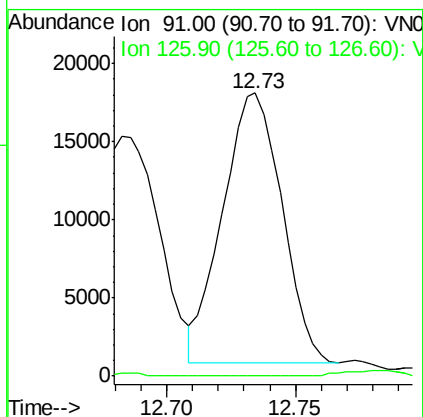
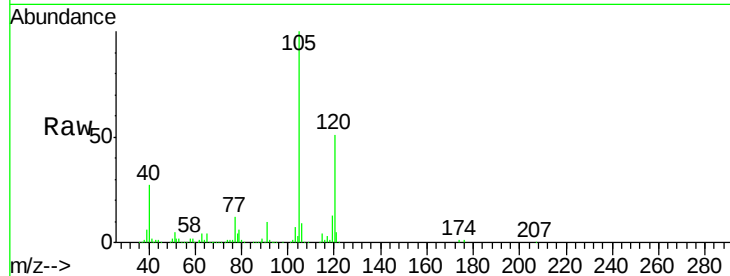




#82
4-Chlorotoluene
Concen: 0.516 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.04 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

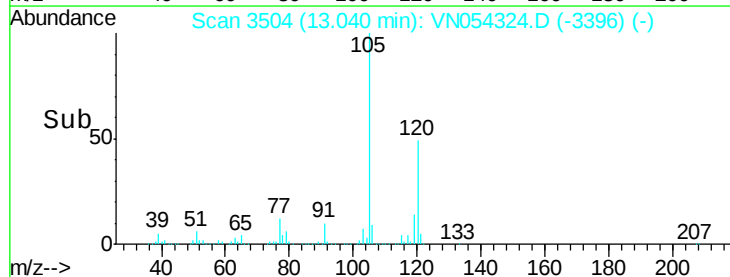
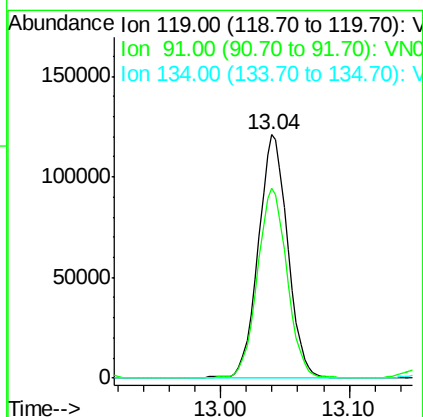
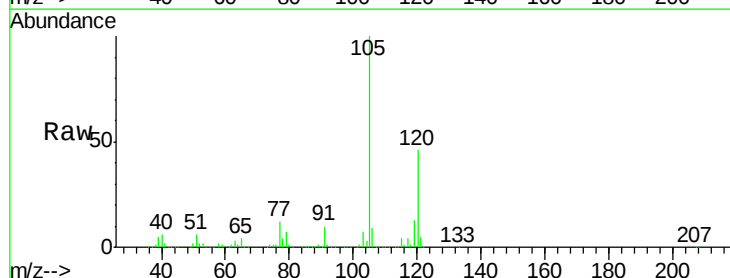
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

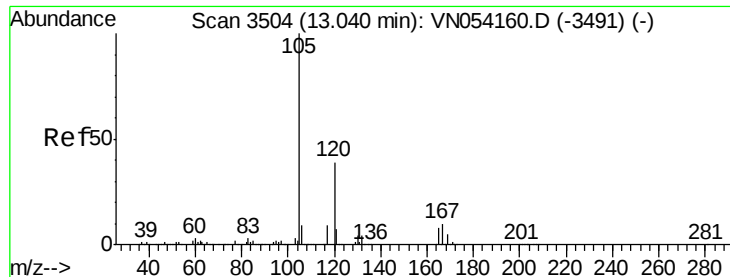
Tot Ion: 91 Resp: 27568
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#83
tert-Butylbenzene
Concen: 3.064 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion: 119 Resp: 192337
Ion Ratio Lower Upper
119 100
91 78.9 30.9 92.8
134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 22.705 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

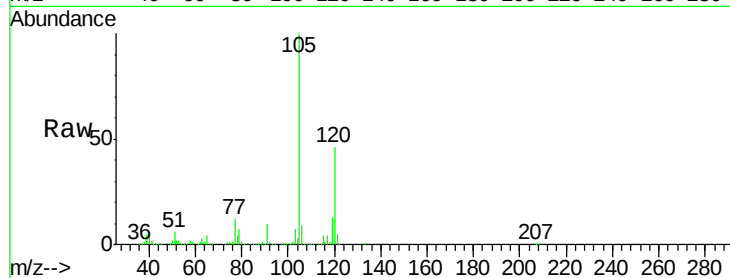
OILY-DEBRIS

Tot Ion:105 Resp: 1519069

Ion Ratio Lower Upper

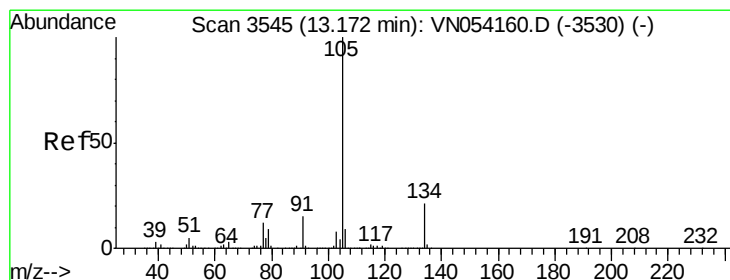
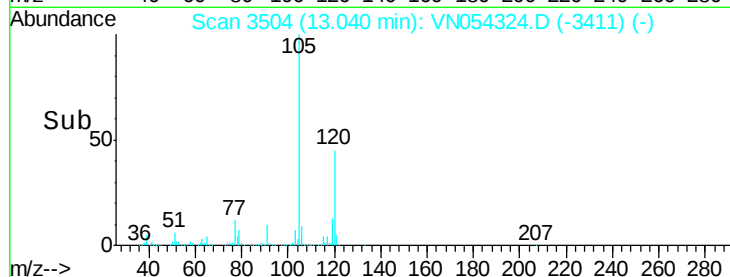
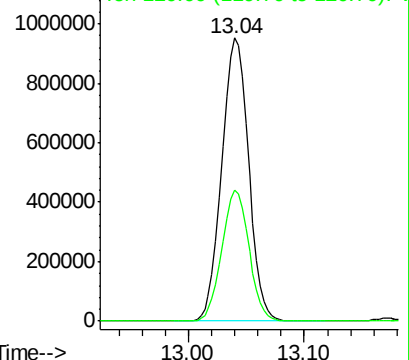
105 100

120 46.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 18.660 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054324.D

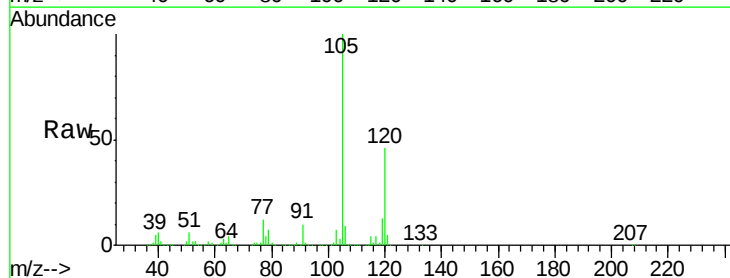
Acq: 15 Mar 2019 21:55

Tgt Ion:105 Resp: 1519069

Ion Ratio Lower Upper

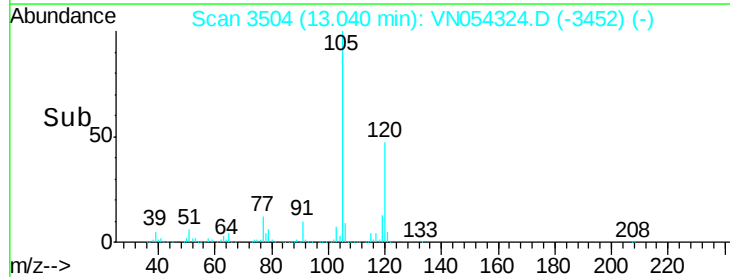
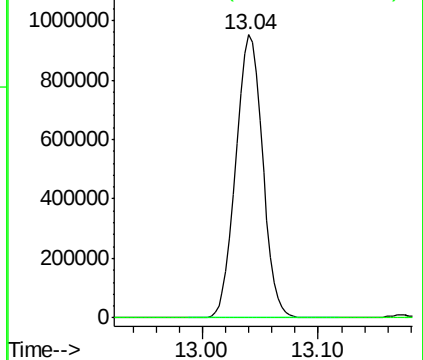
105 100

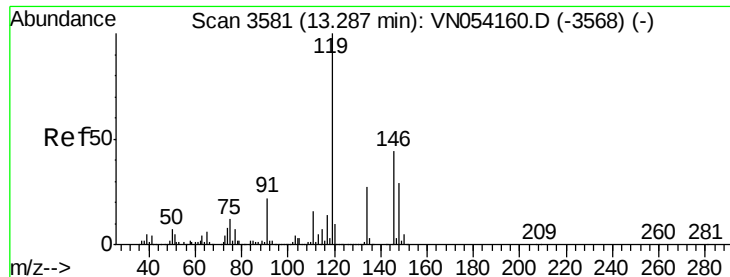
134 0.0 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

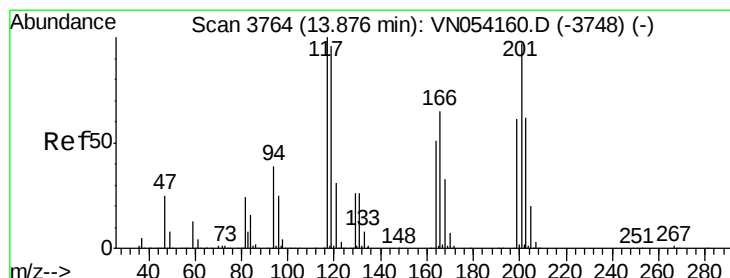
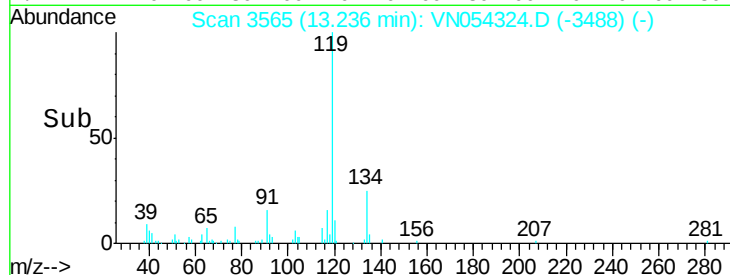
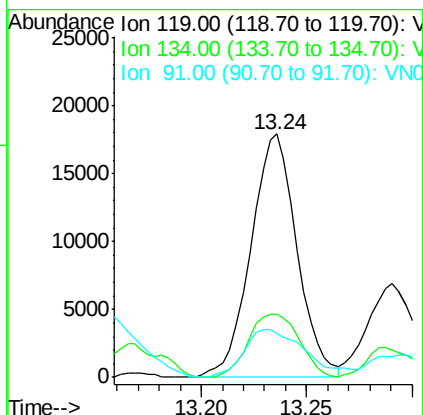
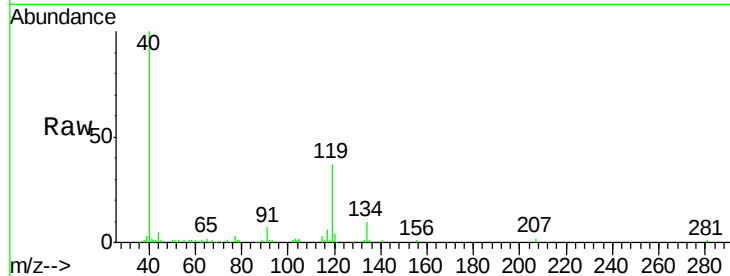




#86
p-Isopropyltoluene
Concen: 0.381 ug/l
RT: 13.24 min Scan# 3565
Delta R.T. -0.05 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

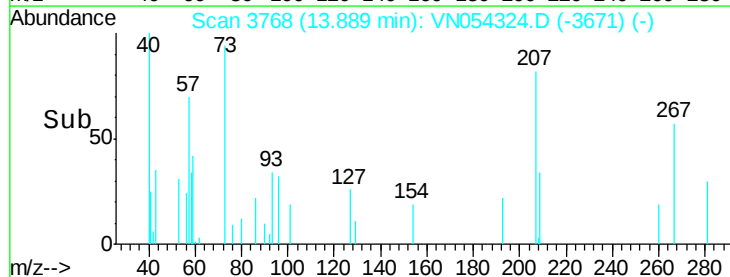
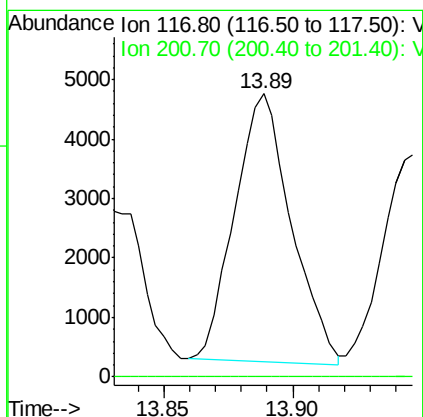
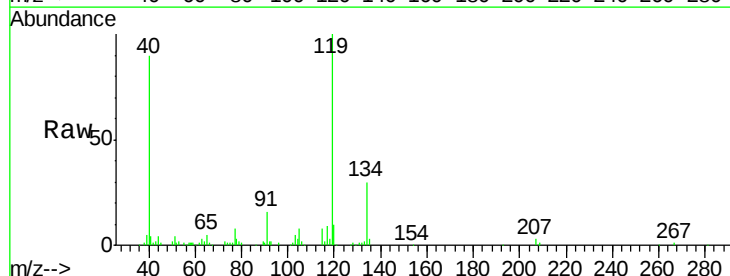
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

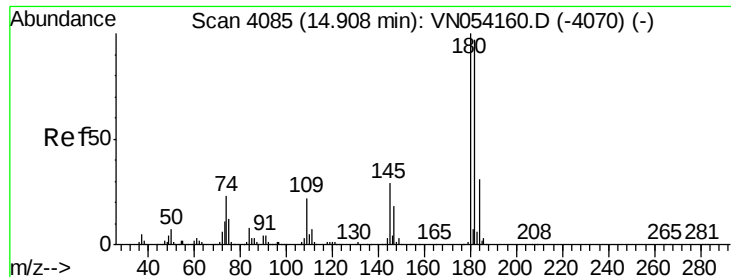
Tot Ion:119 Resp: 27234
Ion Ratio Lower Upper
119 100
134 28.7 13.6 40.8
91 26.7 11.1 33.3



#90
Hexachloroethane
Concen: 0.584 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion:117 Resp: 6911
Ion Ratio Lower Upper
117 100
201 0.0 48.1 144.4#

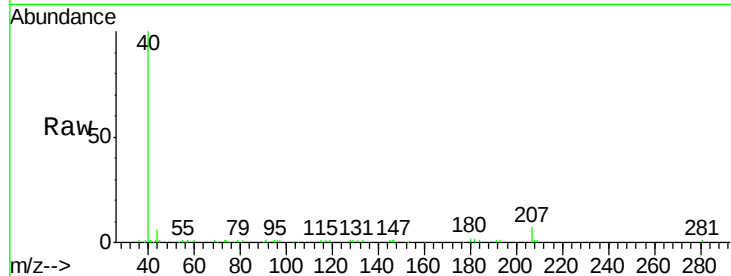




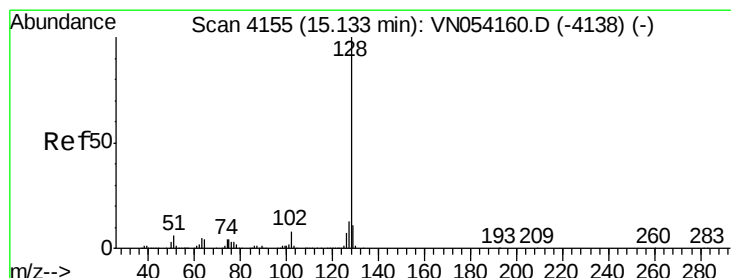
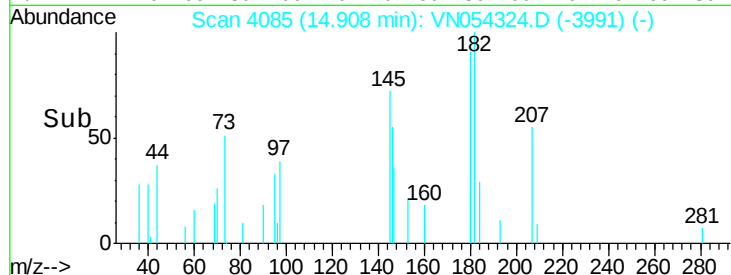
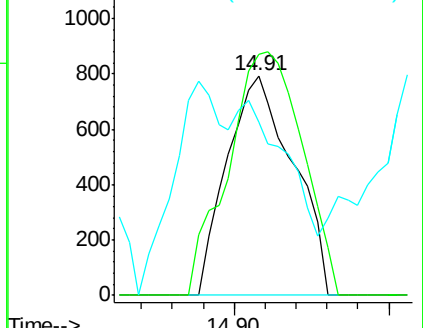
#93
 1,2,4-Trichlorobenzene
 Concen: 2.569 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

Tot Ion:180 Resp: 1182
 Ion Ratio Lower Upper
 180 100
 182 123.9 48.0 144.2
 145 0.0 14.2 42.8#

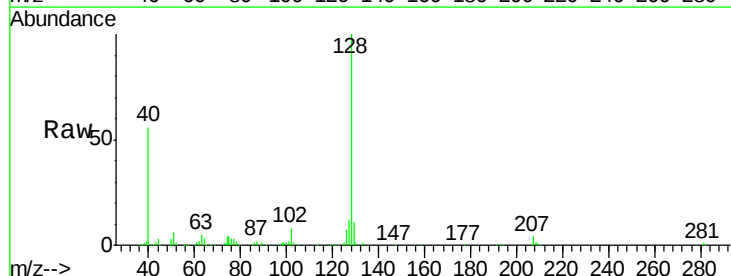


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 6.626 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

Tgt Ion:128 Resp: 152425
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.1 15.1
 129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

