

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022619\
 Data File : VN053967.D
 Acq On : 26 Feb 2019 20:38
 Operator : JC/SP
 Sample : K1608-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-1

Quant Time: Feb 27 02:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	572474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1061939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	465342	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	373853	55.71	ug/l	0.00
Spiked Amount			Recovery	=	111.42%	
35) Dibromofluoromethane	7.59	113	342813	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	10.09	98	1370603	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.40	95	498326	57.98	ug/l	0.00
Spiked Amount			Recovery	=	115.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	14369	33.776	ug/l	98
14) Allyl chloride	4.55	41	4886	0.493	ug/l #	26
16) Acetone	3.82	43	221335	118.188	ug/l	95
17) Carbon Disulfide	4.06	76	18520	1.016	ug/l	100
18) Methyl Acetate	4.33	43	6965	1.484	ug/l	93
20) Methylene Chloride	4.55	84	100114	15.073	ug/l	89
25) 2-Butanone	6.84	43	38438	14.588	ug/l	99
28) Bromochloromethane	7.37	49	1092	0.203	ug/l #	6
29) Tetrahydrofuran	7.22	42	1871	1.066	ug/l #	51
30) Chloroform	7.37	83	14921	1.312	ug/l	93
31) Cyclohexane	7.66	56	11008	0.621	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42347	4.249	ug/l #	47
37) Ethyl Acetate	6.84	43	38438	5.401	ug/l #	67
38) Carbon Tetrachloride	7.67	117	50391	4.861	ug/l #	16
40) Benzene	8.04	78	7147	0.233	ug/l	100
43) Isopropyl Acetate	8.18	43	33389	2.779	ug/l #	86
47) Bromodichloromethane	9.40	83	6261	0.620	ug/l	94
48) Methyl methacrylate	9.18	41	9343	1.690	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	42154	6.827	ug/l #	80
52) Toluene	10.16	92	589323	32.688	ug/l	96
53) t-1,3-Dichloropropene	10.16	75	6956	0.707	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	56425	4.867	ug/l #	67
55) 1,1,2-Trichloroethane	10.41	97	8943	1.328	ug/l #	18
56) Ethyl methacrylate	10.44	69	171	1.974	ug/l #	29
57) 1,3-Dichloropropane	10.76	76	9135	0.803	ug/l #	43
59) 2-Hexanone	10.76	43	145301	36.183	ug/l #	49
60) Dibromochloromethane	10.90	129	1733	0.232	ug/l	100
67) Ethyl Benzene	11.51	91	47514	1.265	ug/l	97
68) m/p-Xylenes	11.62	106	54961	3.876	ug/l	96
69) o-Xylene	11.95	106	31057	2.229	ug/l	97
71) Bromoform	12.40	173	4138	0.736	ug/l #	1
73) Isopropylbenzene	12.25	105	15072	0.416	ug/l	80
74) N-amyl acetate	12.09	43	7794	0.821	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.45	83	14569	1.608	ug/l #	39

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022619\
 Data File : VN053967.D
 Acq On : 26 Feb 2019 20:38
 Operator : JC/SP
 Sample : K1608-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-1

Quant Time: Feb 27 02:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

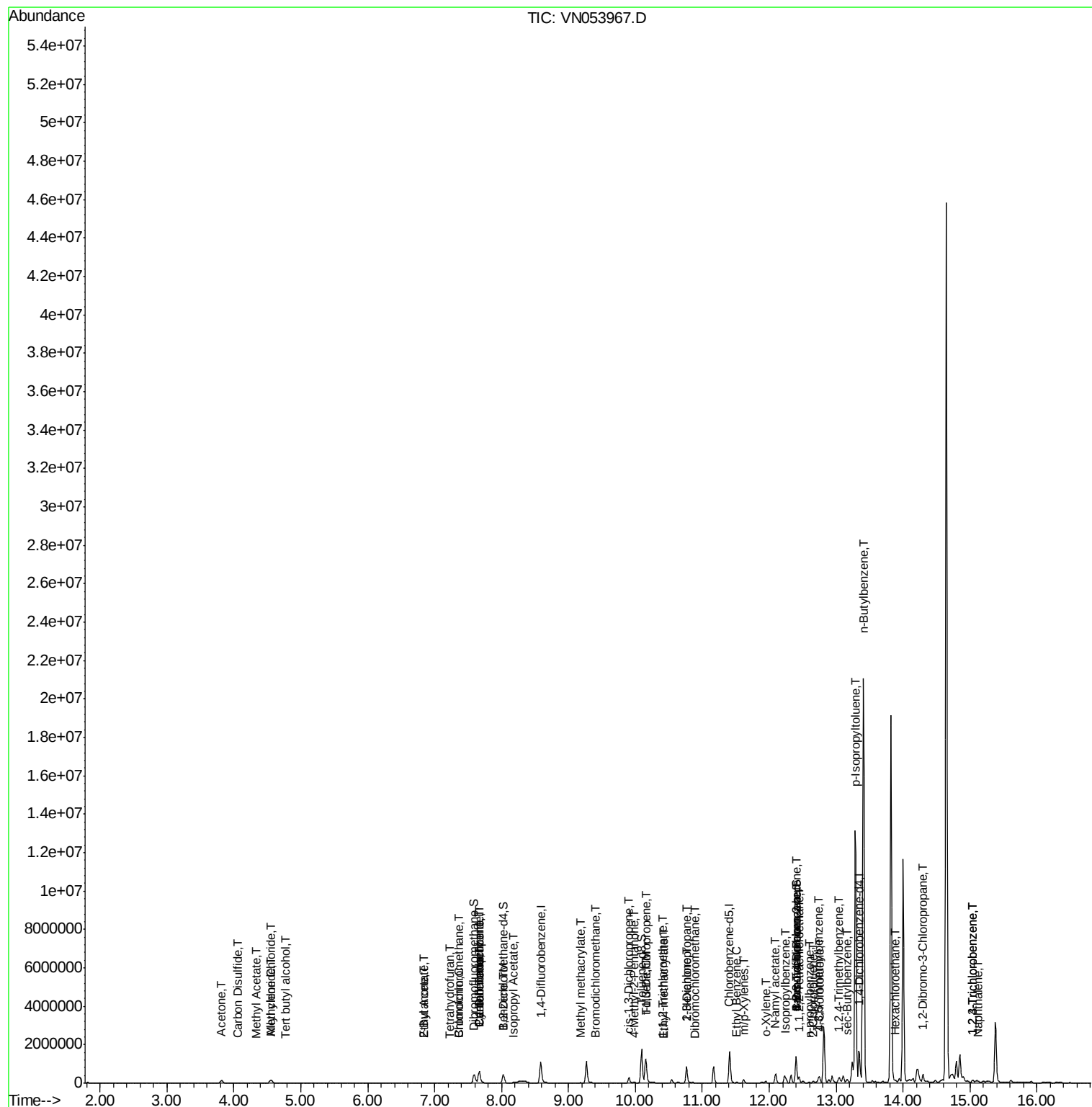
76) 1,2,3-Trichloropropane	12.40	75	243967	32.682	ug/l #	100
78) n-propylbenzene	12.59	91	15892	0.386	ug/l	97
79) 2-Chlorotoluene	12.66	91	9918	0.401	ug/l #	54
80) 1,3,5-Trimethylbenzene	12.73	105	31958	1.078	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	243967	103.295	ug/l #	15
82) 4-Chlorotoluene	12.75	91	13818	0.565	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.04	105	120061	4.055	ug/l	97
85) sec-Butylbenzene	13.17	105	9929	0.277	ug/l #	56
86) p-Isopropyltoluene	13.29	119	7718496	254.870	ug/l	98
89) n-Butylbenzene	13.41	91	382356	14.981	ug/l	82
90) Hexachloroethane	13.89	117	3777	0.644	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.30	75	398	0.311	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.05	180	29	2.226	ug/l #	1
95) Naphthalene	15.13	128	26802	4.573	ug/l	95
96) 1,2,3-Trichlorobenzene	15.05	180	29	1.561	ug/l #	1

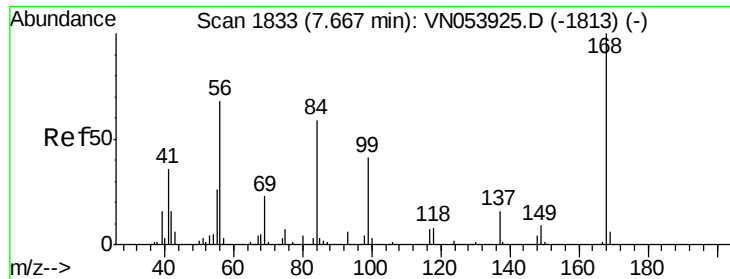
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022619\
Data File : VN053967.D
Acq On : 26 Feb 2019 20:38
Operator : JC/SP
Sample : K1608-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR-1

Quant Time: Feb 27 02:31:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

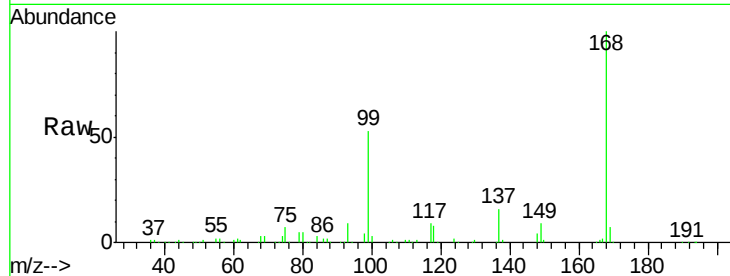
OIL-WATER-SEPARATOR-1

Tot Ion:168 Resp: 572474

Ion Ratio Lower Upper

168 100

99 53.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

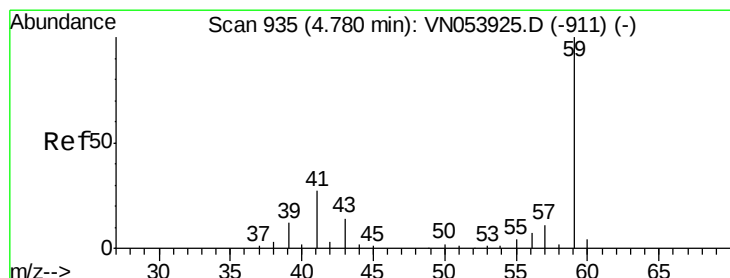
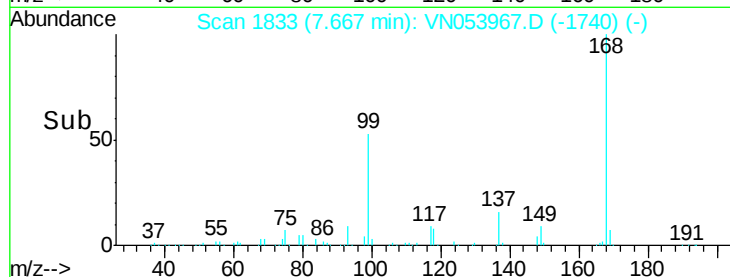
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 33.776 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN053967.D

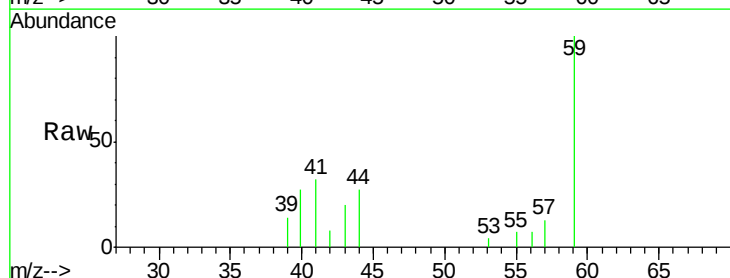
Acq: 26 Feb 2019 20:38

Tgt Ion: 59 Resp: 14369

Ion Ratio Lower Upper

59 100

57 10.7 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.78

4000

3000

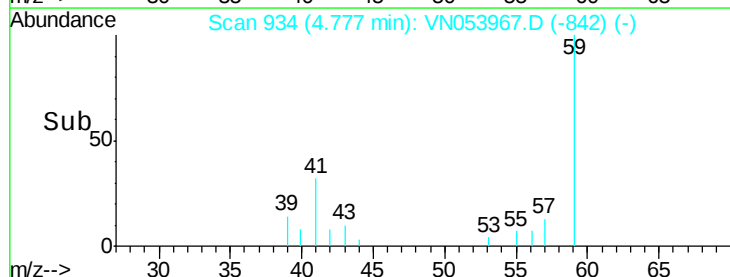
2000

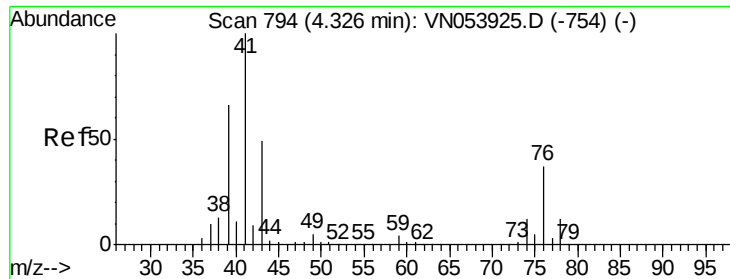
1000

0

Time-->

4.70 4.80 4.90

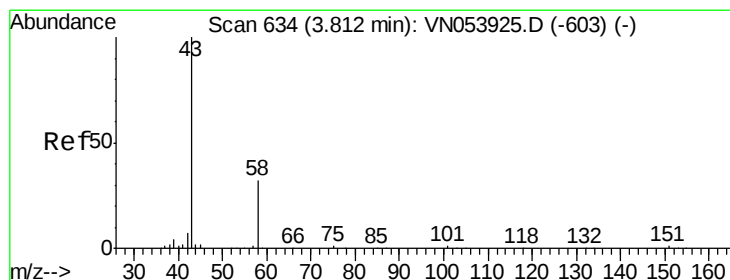
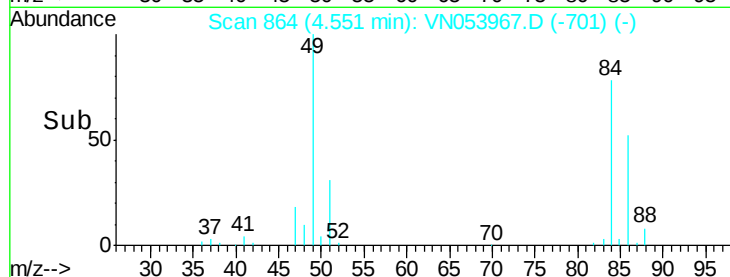
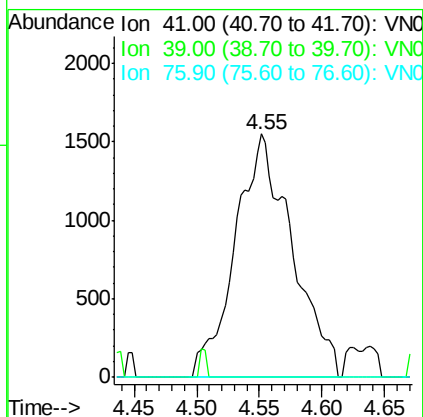
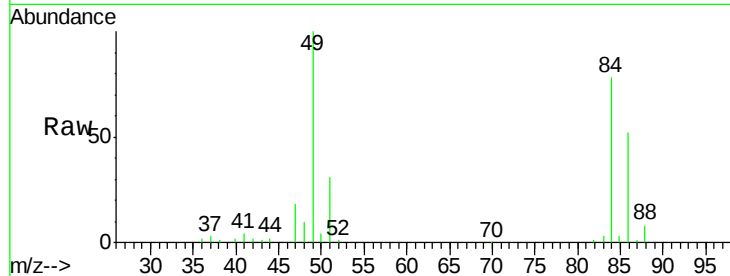




#14
Allvl chloride
Concen: 0.493 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

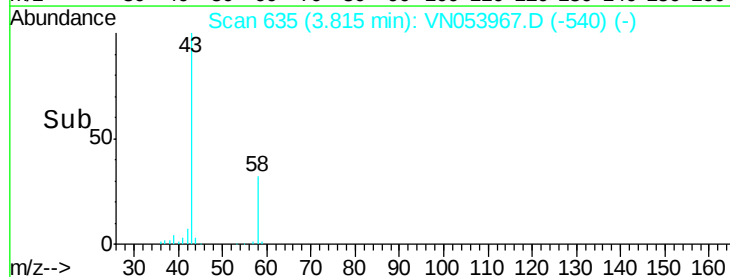
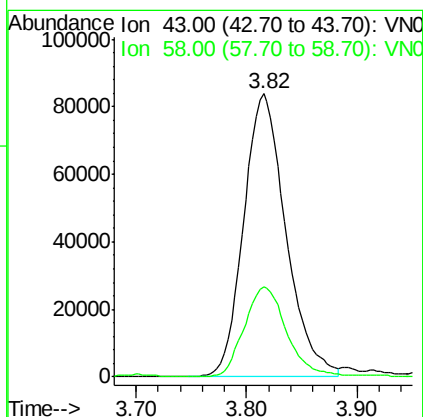
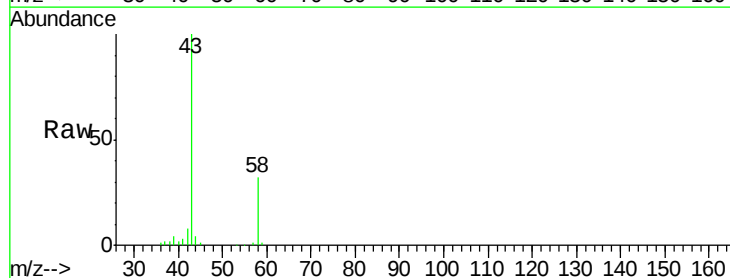
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR-1

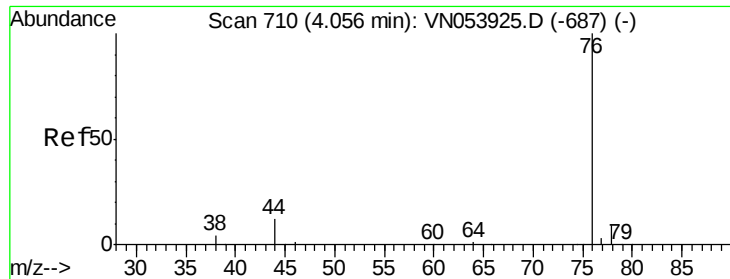
Tot Ion: 41 Resp: 4886
Ion Ratio Lower Upper
41 100
39 0.0 48.8 73.2#
76 0.0 30.9 46.3#



#16
Acetone
Concen: 118.188 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

Tgt Ion: 43 Resp: 221335
Ion Ratio Lower Upper
43 100
58 31.7 27.6 41.4

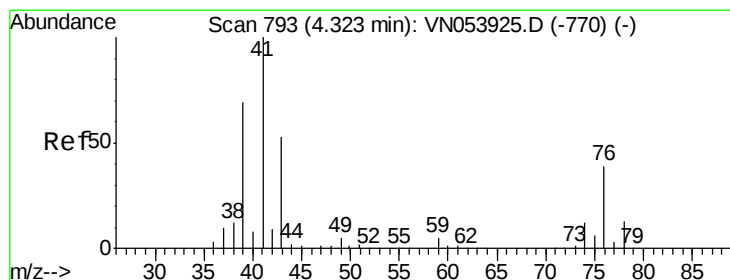
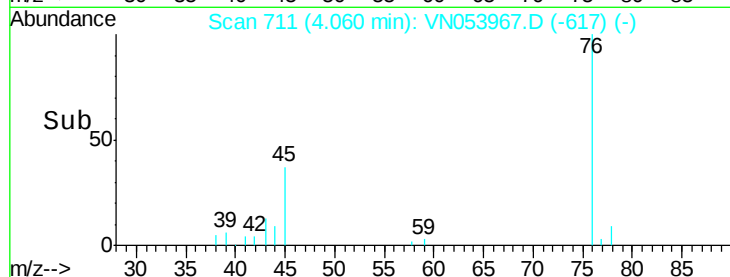
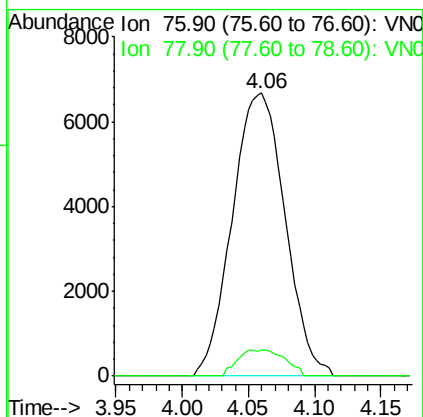
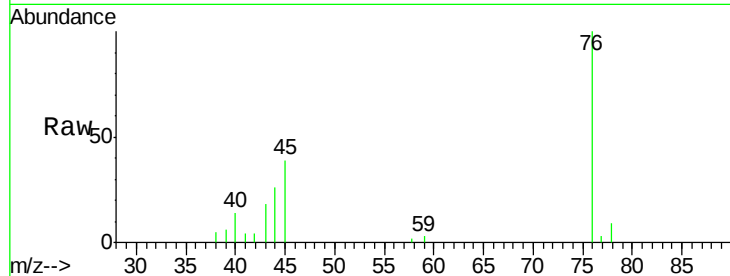




#17
Carbon Disulfide
Concen: 1.016 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

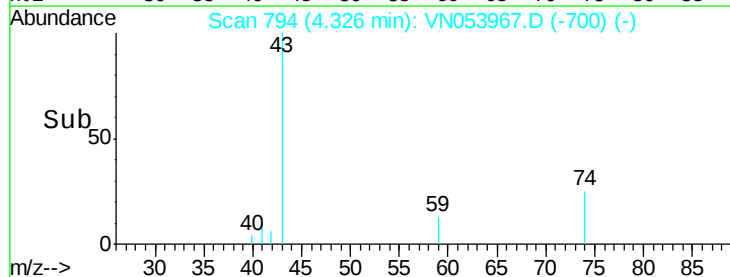
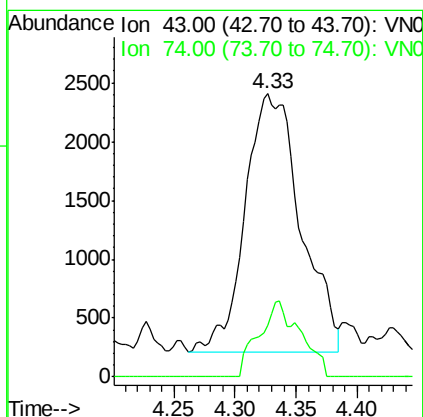
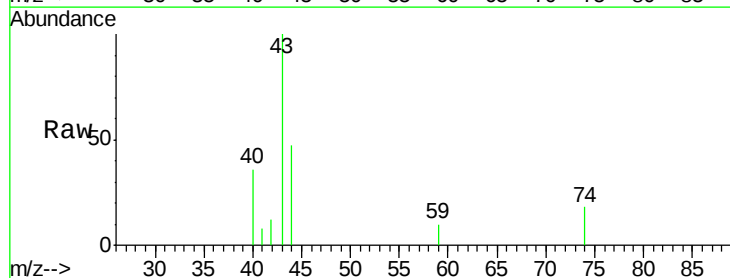
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR-1

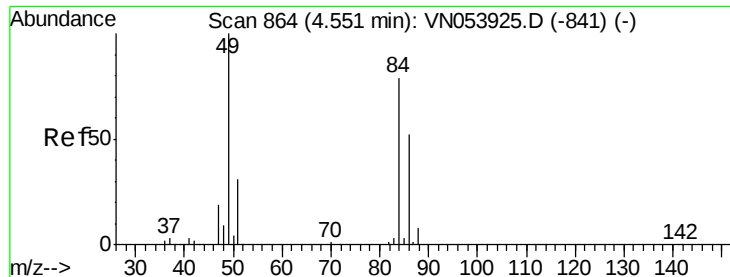
Tot Ion: 76 Resp: 18520
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 1.484 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

Tgt Ion: 43 Resp: 6965
Ion Ratio Lower Upper
43 100
74 21.9 20.5 30.7

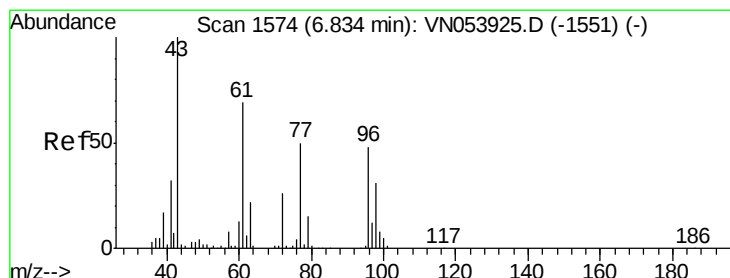
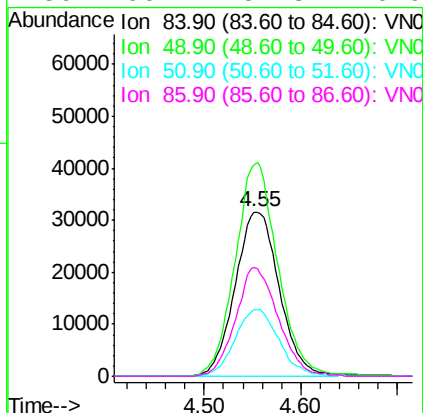
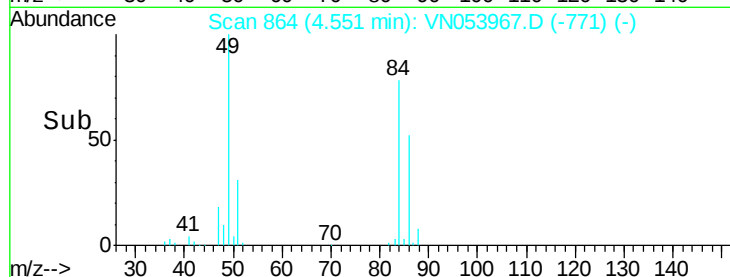
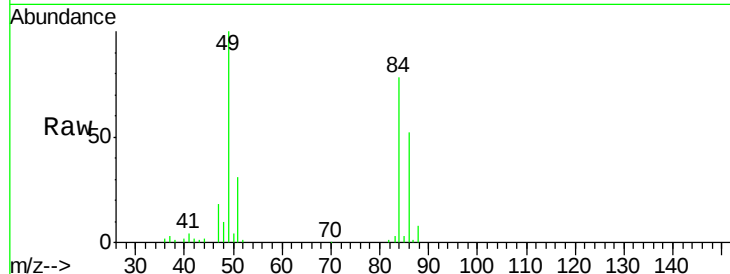




#20
Methvlene Chloride
Concen: 15.073 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

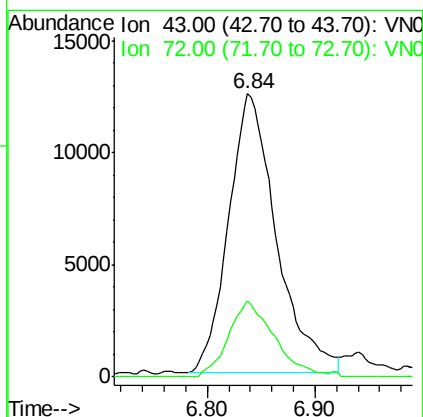
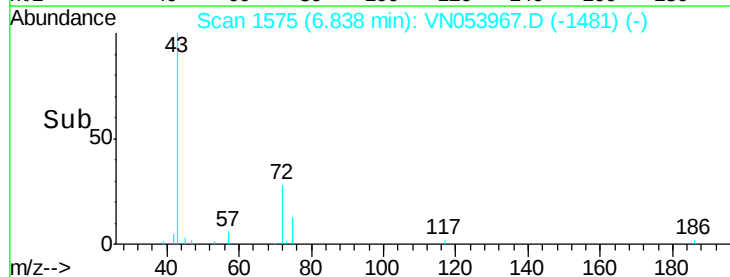
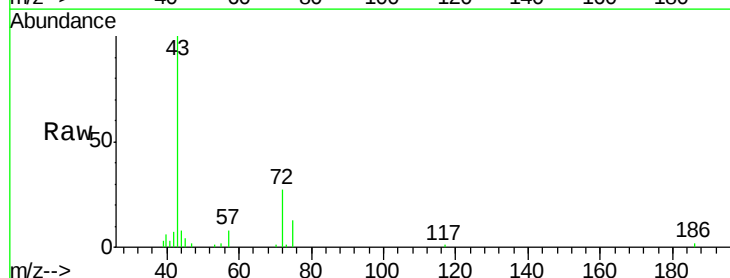
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR-1

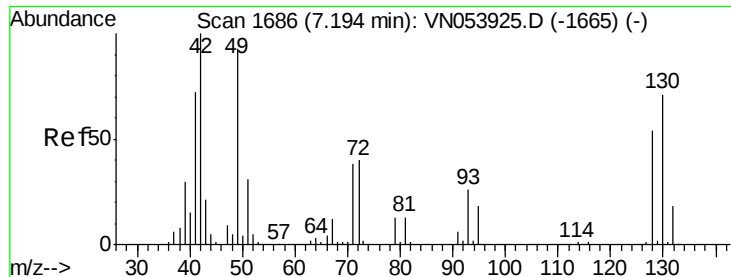
Tot Ion: 84 Resp: 100114
Ion Ratio Lower Upper
84 100
49 129.0 89.7 134.5
51 40.4 27.8 41.8
86 66.7 51.3 76.9



#25
2-Butanone
Concen: 14.588 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

Tgt Ion: 43 Resp: 38438
Ion Ratio Lower Upper
43 100
72 27.1 22.1 33.1





#28

Bromochloromethane

Concen: 0.203 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.18 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

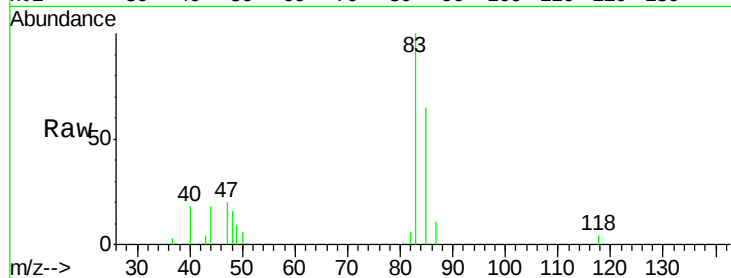
Tot Ion: 49 Resp: 1092

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

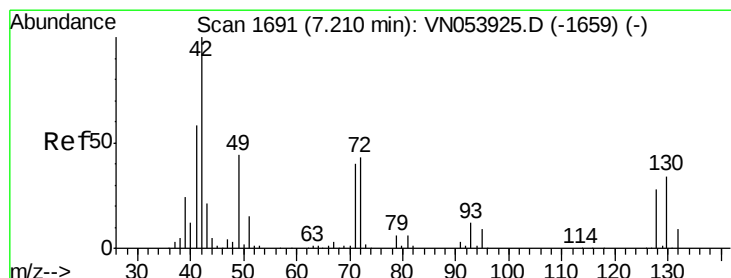
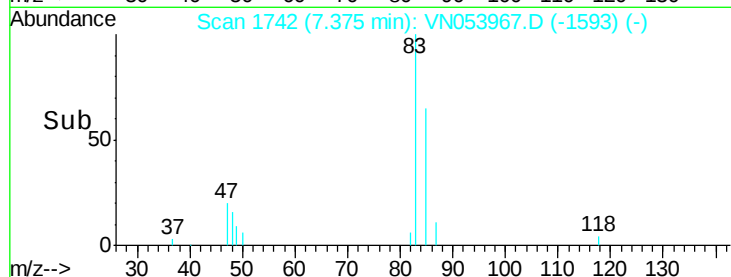
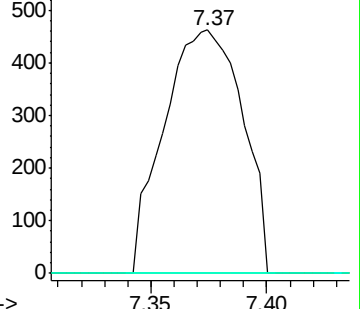
130 0.0 72.9 109.3#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.066 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

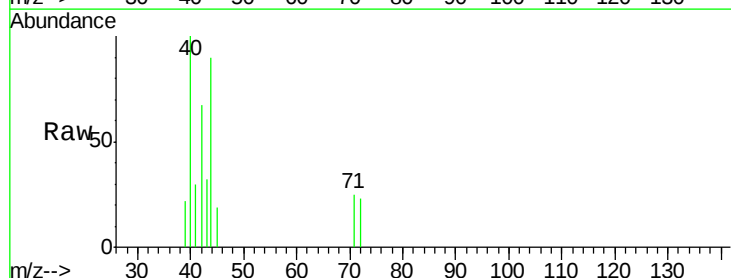
Tgt Ion: 42 Resp: 1871

Ion Ratio Lower Upper

42 100

72 16.4 36.9 55.3#

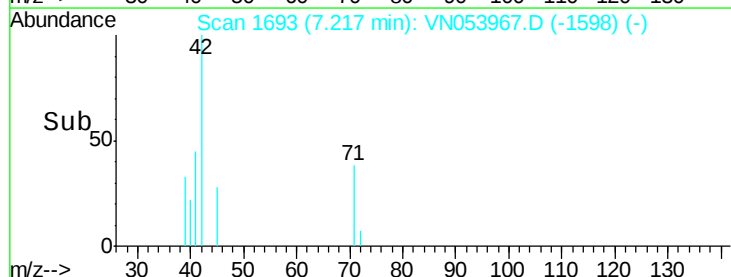
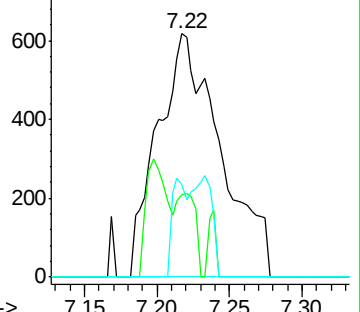
71 9.2 34.6 52.0#

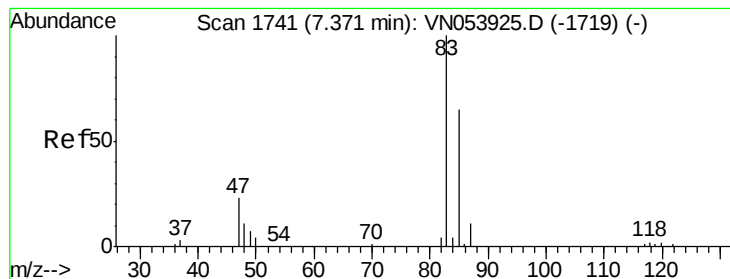


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#30

Chloroform

Concen: 1.312 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

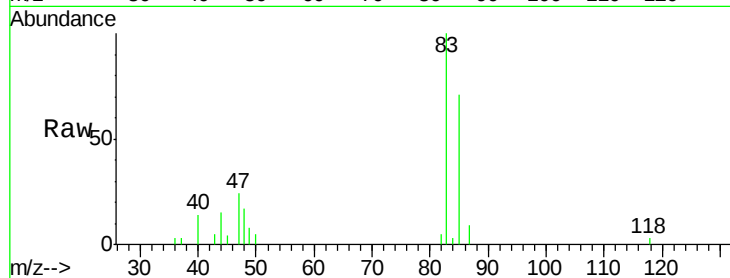
OIL-WATER-SEPARATOR-1

Tot Ion: 83 Resp: 14921

Ion Ratio Lower Upper

83 100

85 71.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.37

6000

5000

4000

3000

2000

1000

0

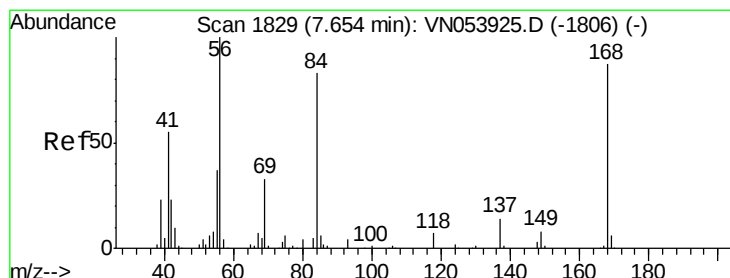
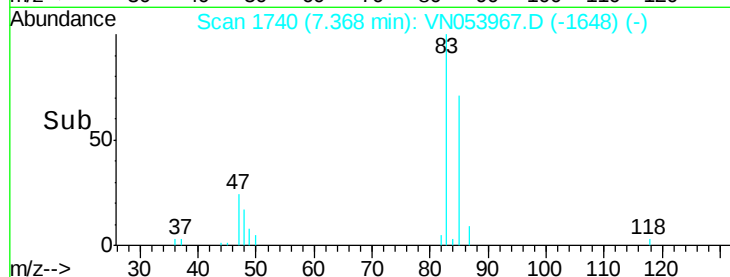
Time-->

7.30

7.35

7.40

7.45



#31

Cyclohexane

Concen: 0.621 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

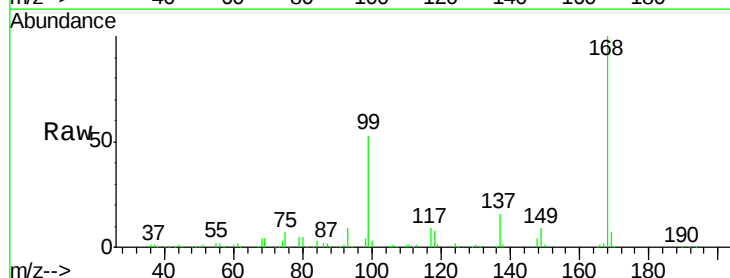
Tgt Ion: 56 Resp: 11008

Ion Ratio Lower Upper

56 100

69 169.2 26.0 39.0#

84 138.0 69.1 103.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

10000

8000

6000

4000

2000

0

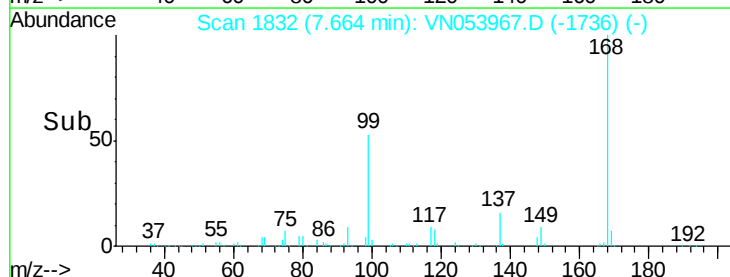
Time-->

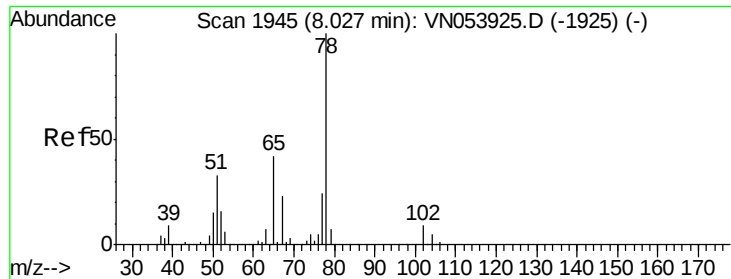
7.60

7.65

7.70

7.75

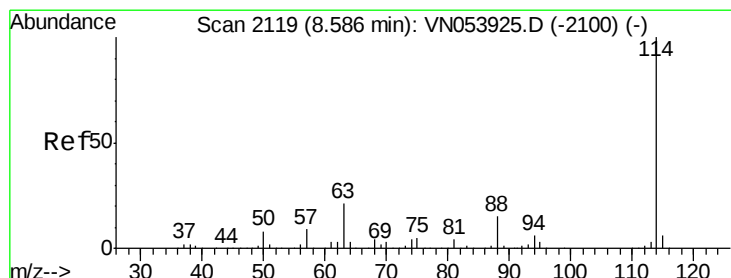
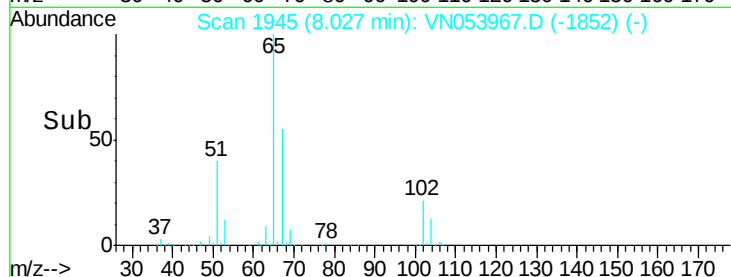
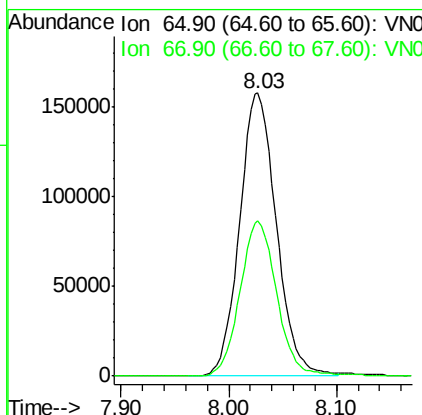
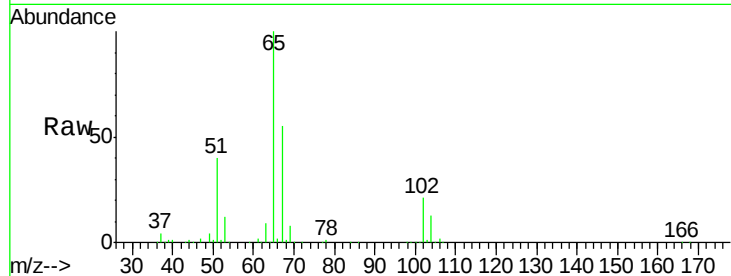




#33
 1,2-Dichloroethane-d4
 Concen: 55.710 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053967.D
 Acq: 26 Feb 2019 20:38

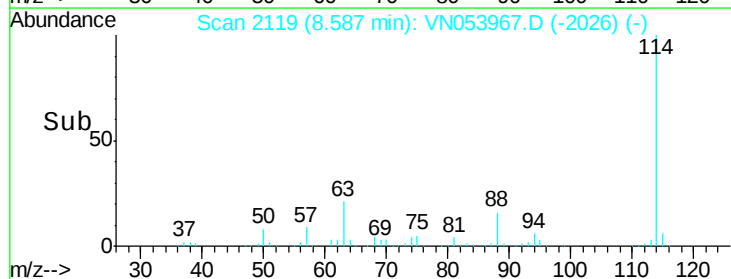
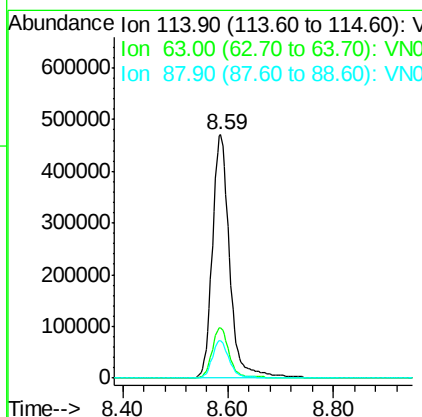
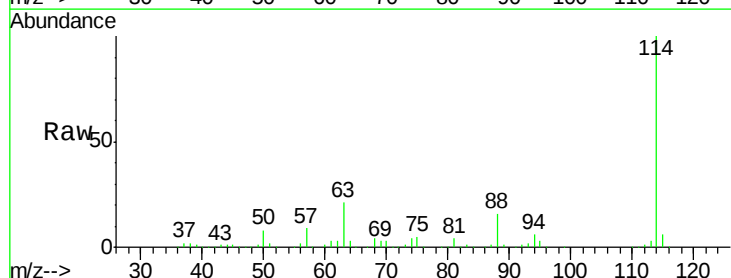
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-1

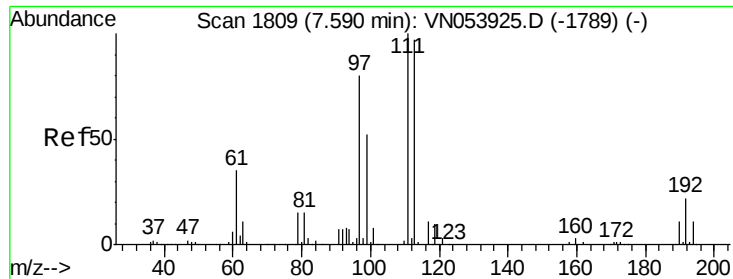
Tot Ion: 65 Resp: 373853
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053967.D
 Acq: 26 Feb 2019 20:38

Tgt Ion: 114 Resp: 1071703
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.4
 88 15.5 0.0 30.4

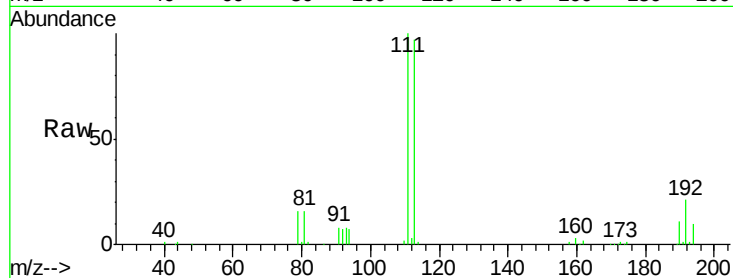




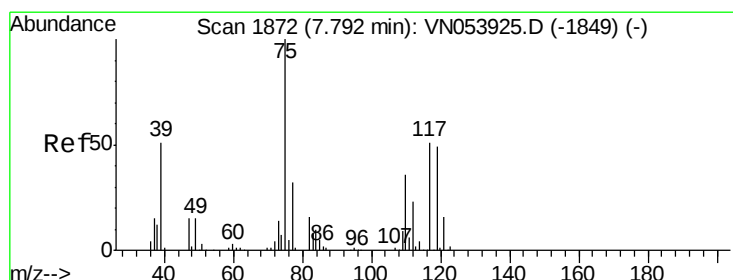
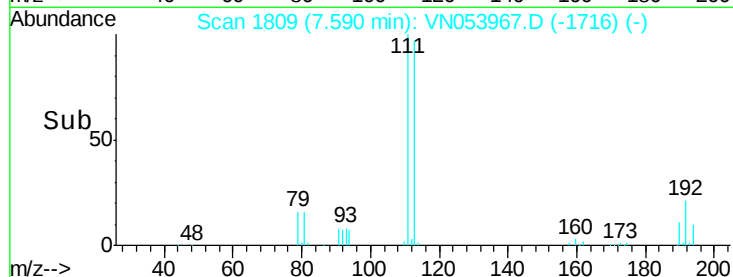
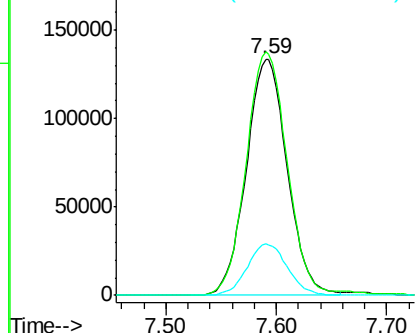
#35
 Dibromofluoromethane
 Concen: 49.466 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053967.D
 Acq: 26 Feb 2019 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-1

Tot Ion:113 Resp: 342813
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.1 121.7
 192 21.4 18.8 28.2

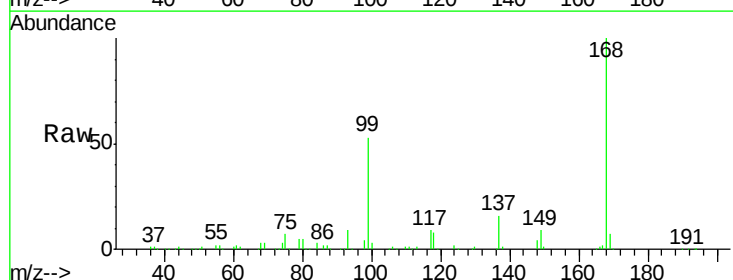


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

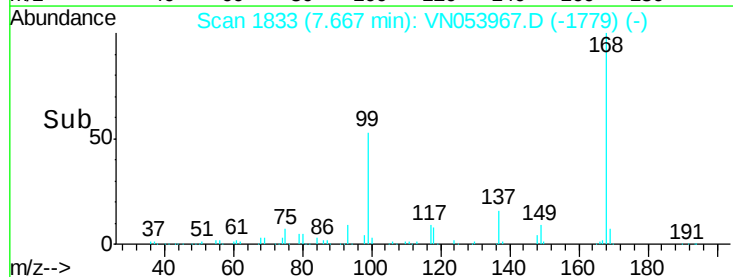
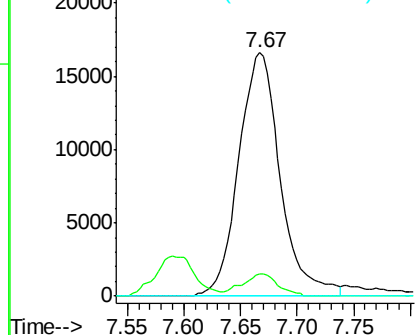


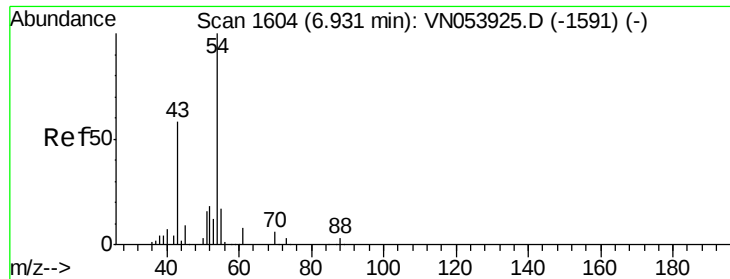
#36
 1,1-Dichloropropene
 Concen: 4.249 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053967.D
 Acq: 26 Feb 2019 20:38

Tgt Ion: 75 Resp: 42347
 Ion Ratio Lower Upper
 75 100
 110 7.9 19.0 57.0#
 77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

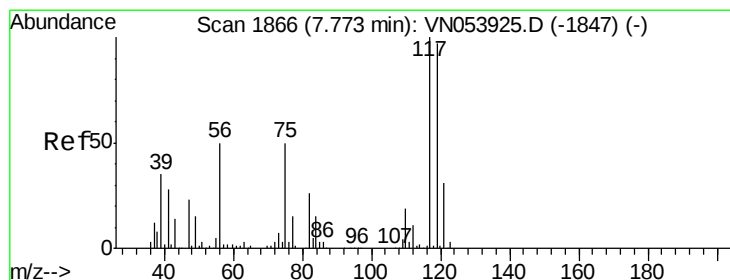
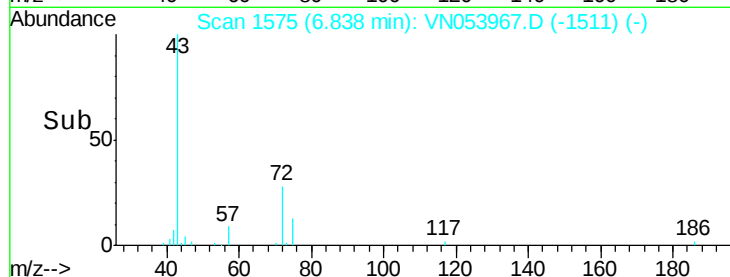
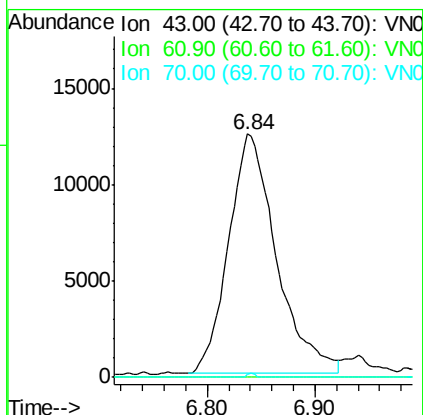
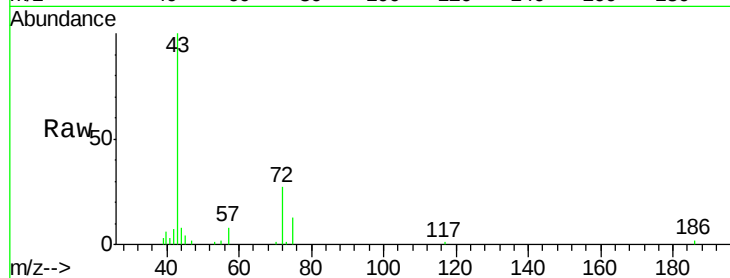




#37
Ethyl Acetate
Concen: 5.401 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.09 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

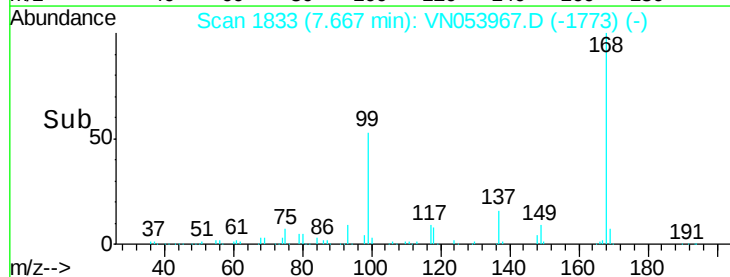
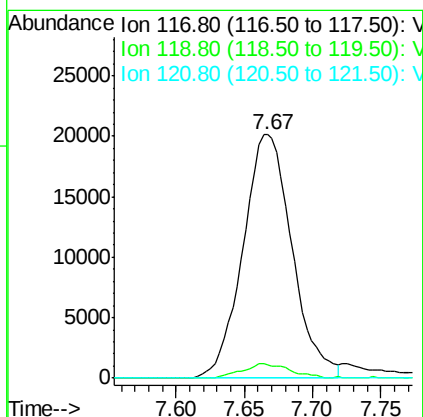
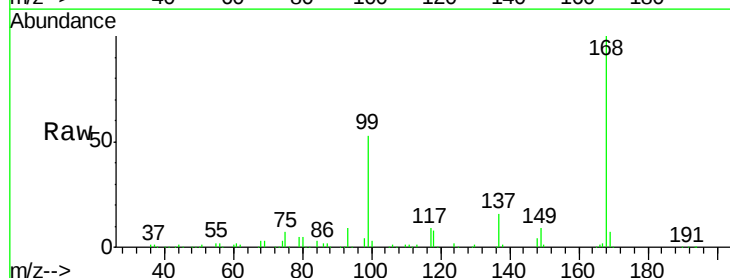
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-1

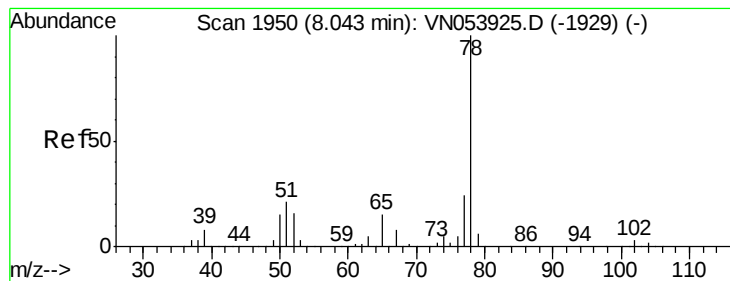
Tot Ion: 43 Resp: 38438
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.3 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 4.861 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

Tgt Ion: 117 Resp: 50391
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.6 36.8#





#40

Benzene

Concen: 0.233 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

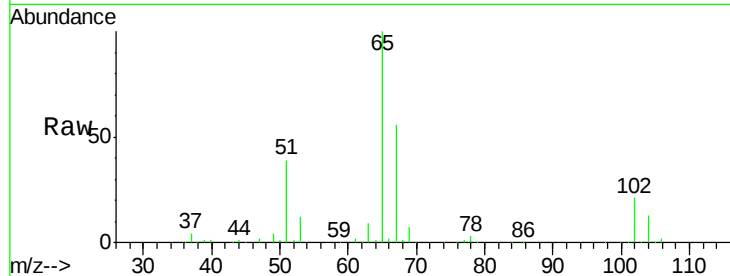
OIL-WATER-SEPARATOR-1

Tot Ion: 78 Resp: 7147

Ion Ratio Lower Upper

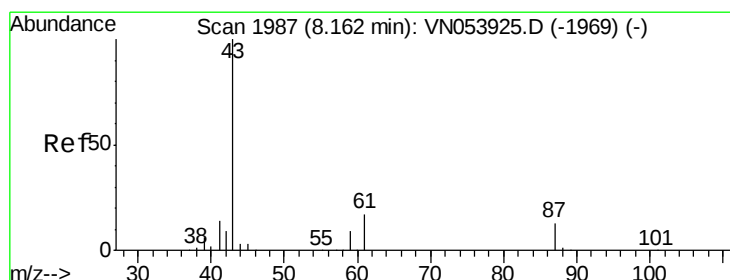
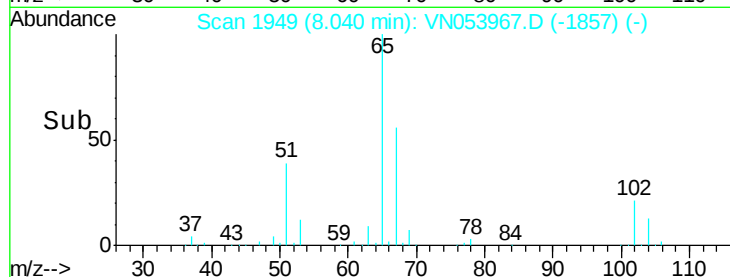
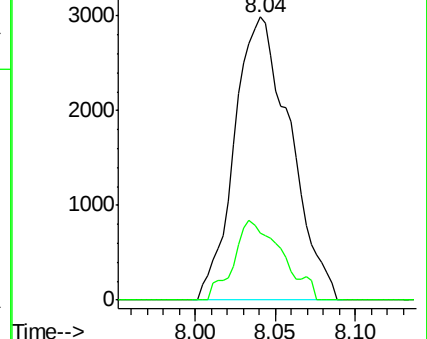
78 100

77 23.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 2.779 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

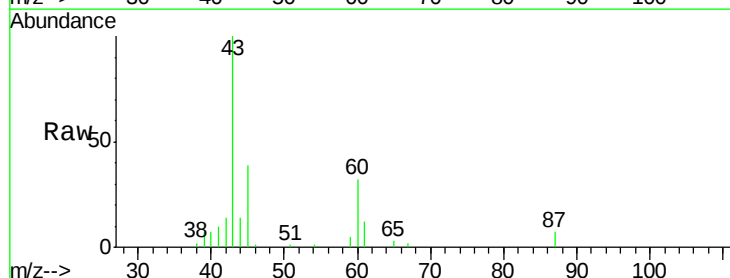
Tgt Ion: 43 Resp: 33389

Ion Ratio Lower Upper

43 100

61 15.0 17.4 26.0#

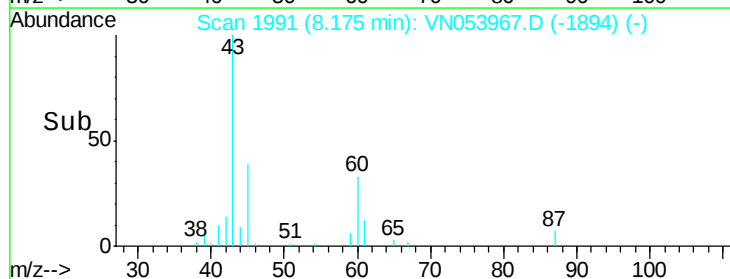
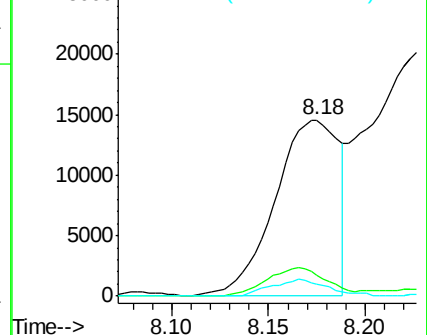
87 8.4 11.5 17.3#

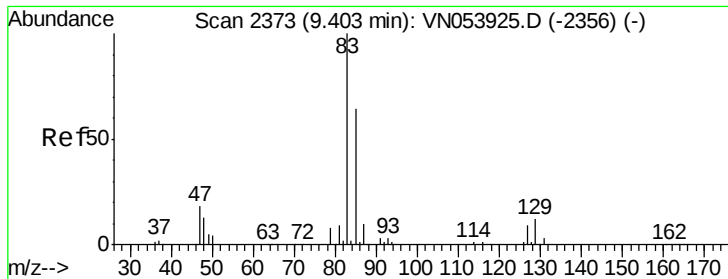


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#47

Bromodichloromethane

Concen: 0.620 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

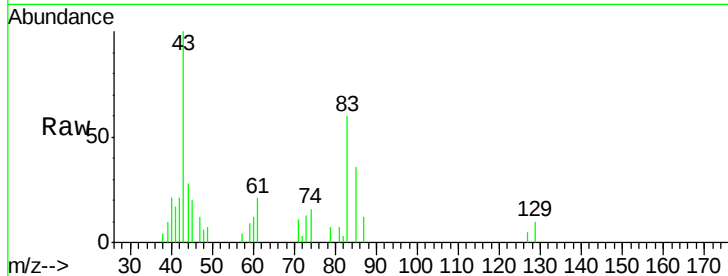
Tot Ion: 83 Resp: 6261

Ion Ratio Lower Upper

83 100

85 59.9 51.8 77.6

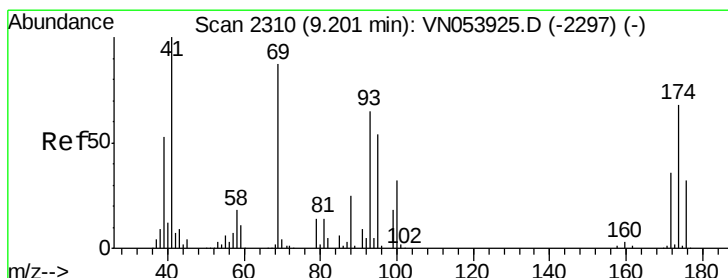
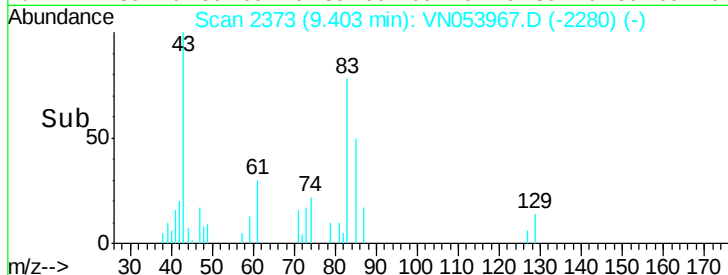
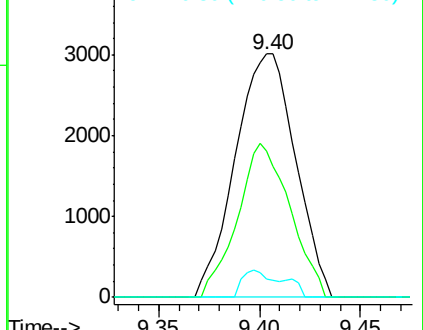
127 7.7 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053967.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053967.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053967.D (-2280) (-)



#48

Methyl methacrylate

Concen: 1.690 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

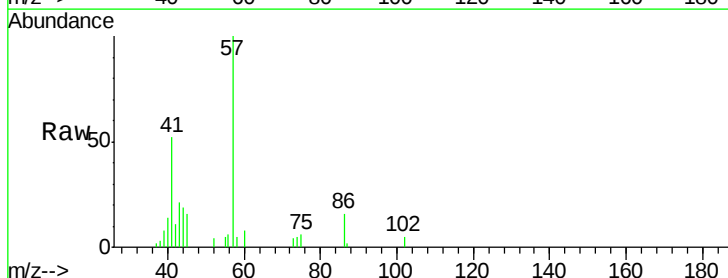
Tgt Ion: 41 Resp: 9343

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

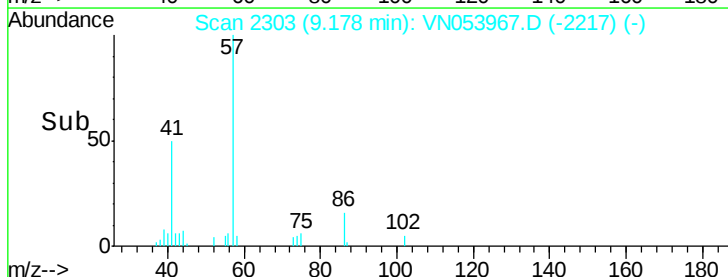
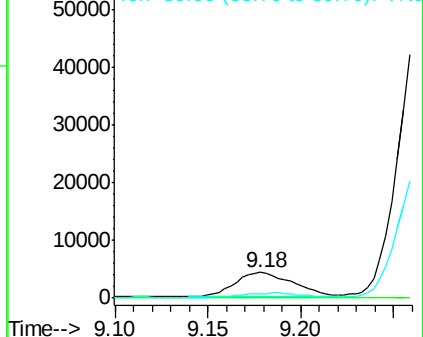
39 22.9 39.0 58.6#

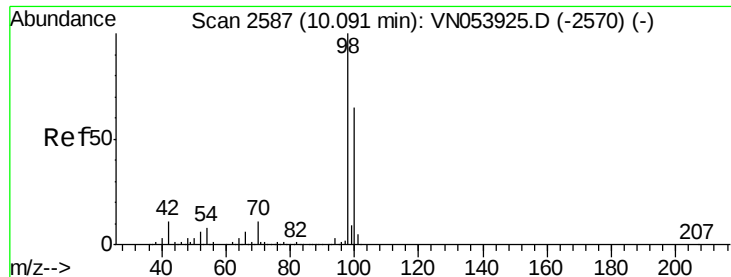


Abundance Ion 41.00 (40.70 to 41.70): VN053967.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN053967.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN053967.D (-2217) (-)





#50

Toluene-d8

Concen: 53.128 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

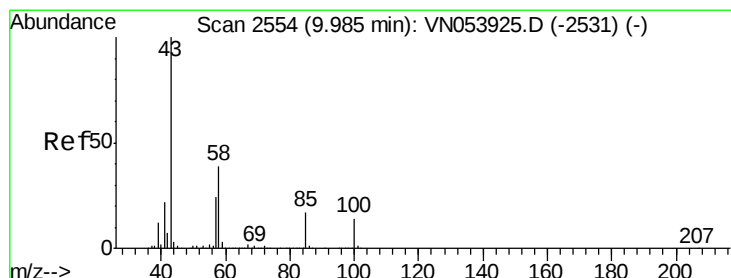
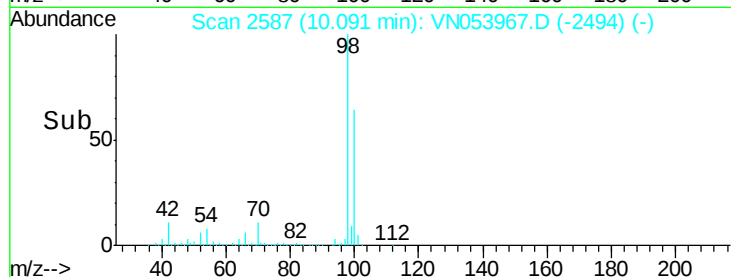
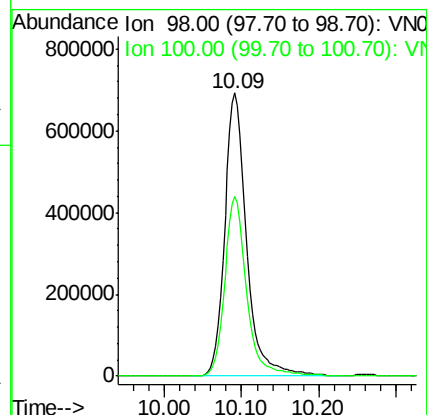
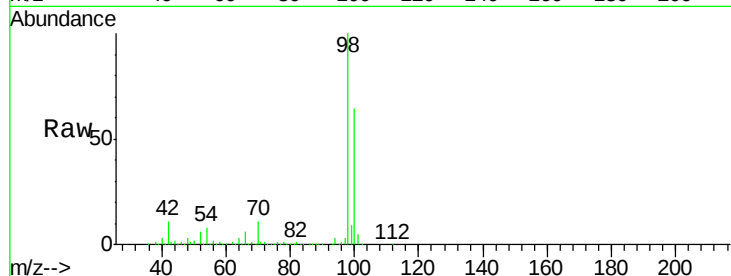
OIL-WATER-SEPARATOR-1

Tot Ion: 98 Resp: 1370603

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 6.827 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053967.D

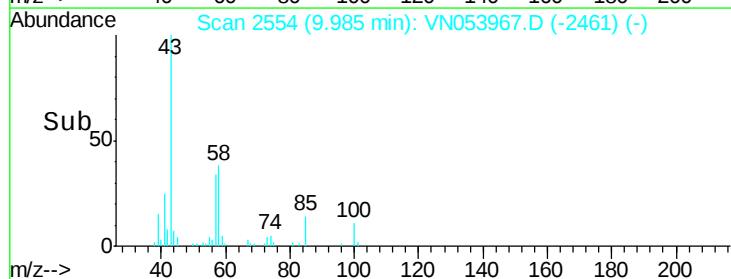
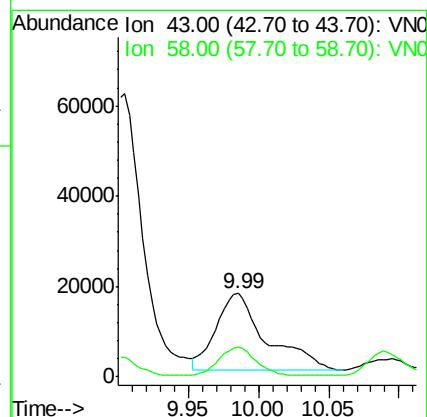
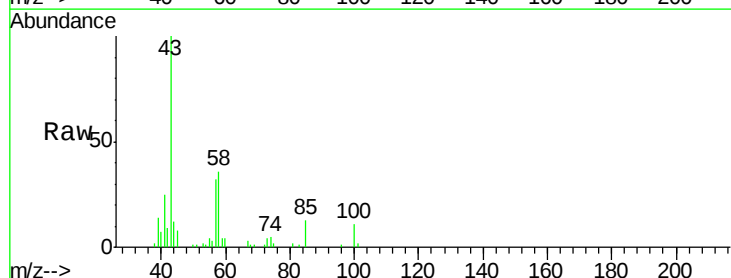
Acq: 26 Feb 2019 20:38

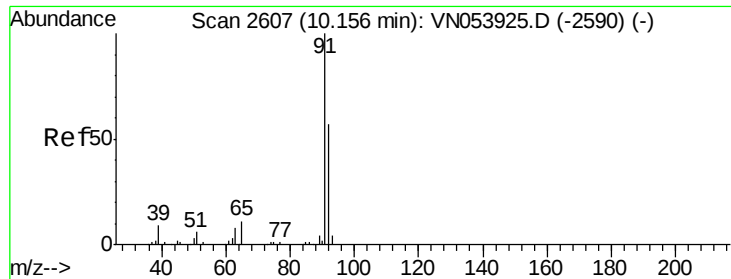
Tgt Ion: 43 Resp: 42154

Ion Ratio Lower Upper

43 100

58 28.1 32.7 49.1#





#52

Toluene

Concen: 32.688 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

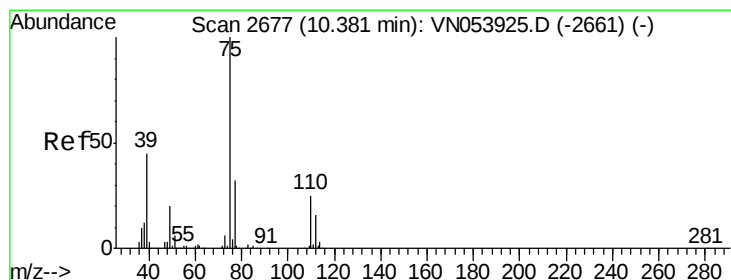
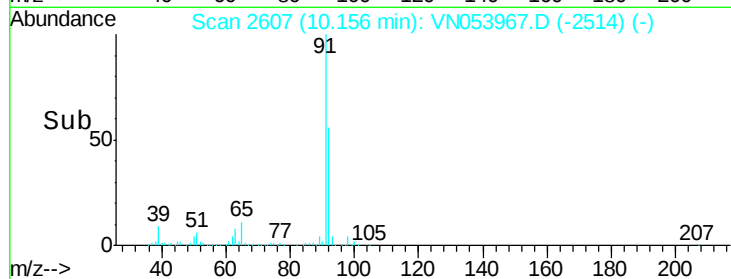
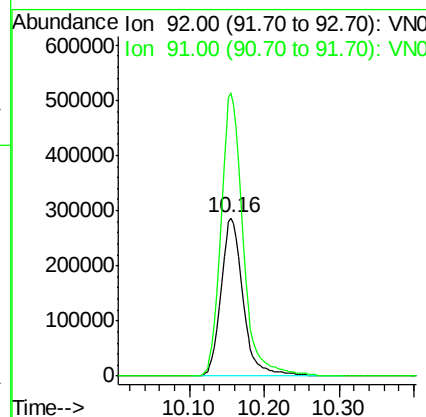
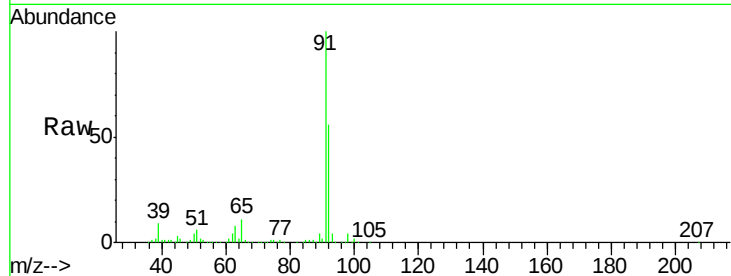
OIL-WATER-SEPERATOR-1

Tot Ion: 92 Resp: 589323

Ion Ratio Lower Upper

92 100

91 178.6 138.4 207.6



#53

t-1,3-Dichloropropene

Concen: 0.707 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN053967.D

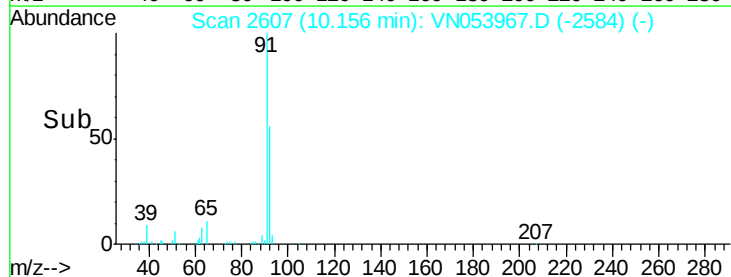
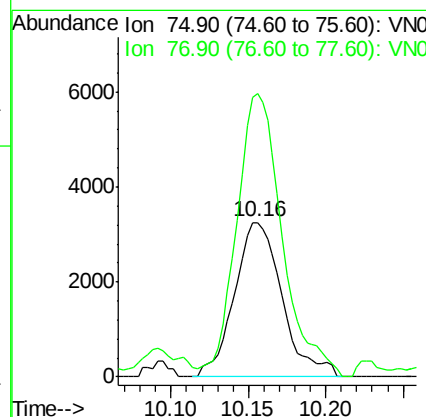
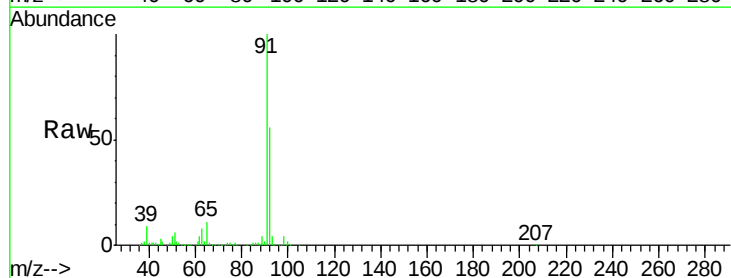
Acq: 26 Feb 2019 20:38

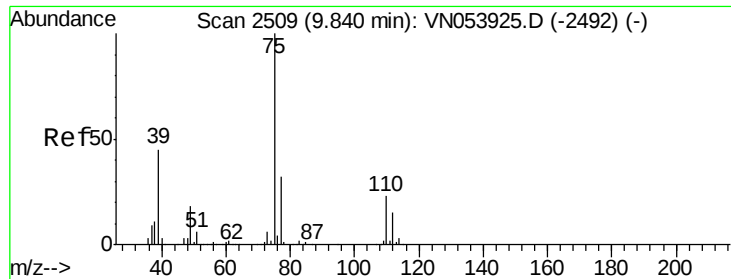
Tgt Ion: 75 Resp: 6956

Ion Ratio Lower Upper

75 100

77 183.6 25.0 37.6#





#54

cis-1,3-Dichloropropene

Concen: 4.867 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

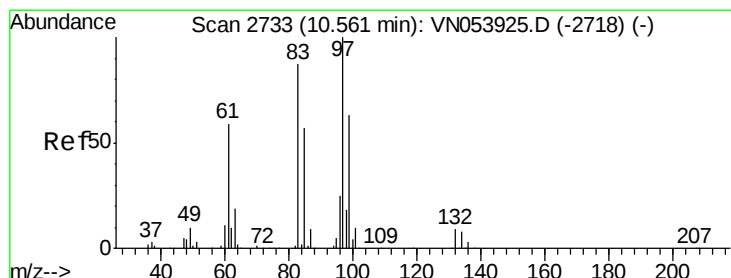
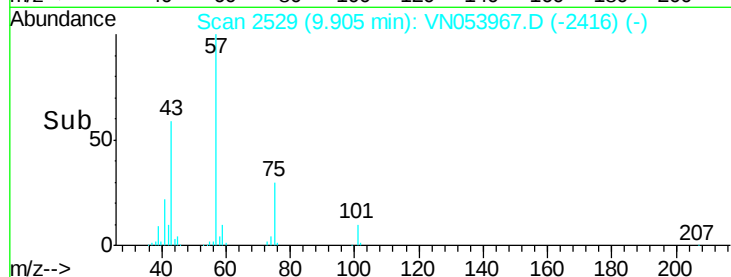
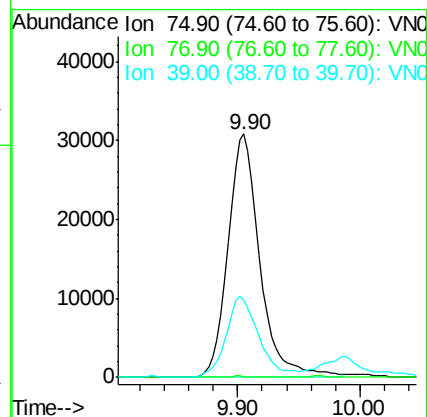
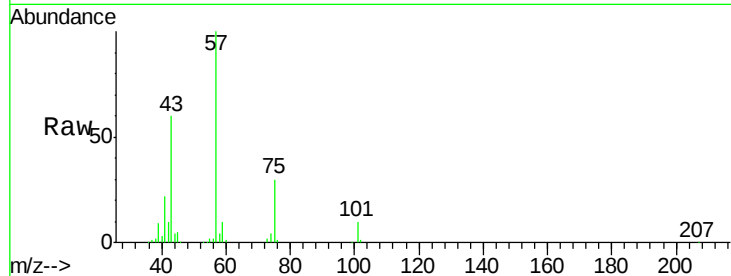
Tot Ion: 75 Resp: 56425

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

39 31.8 31.4 47.0



#55

1,1,2-Trichloroethane

Concen: 1.328 ug/l

RT: 10.41 min Scan# 2687

Delta R.T. -0.15 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Tgt Ion: 97 Resp: 8943

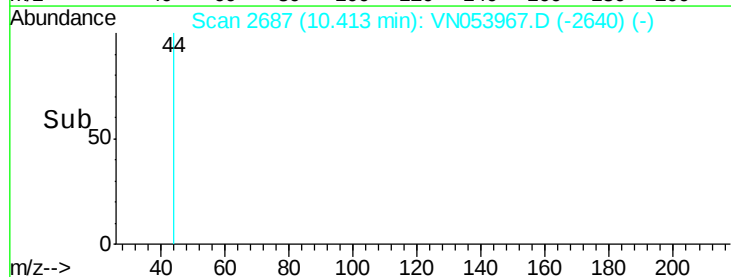
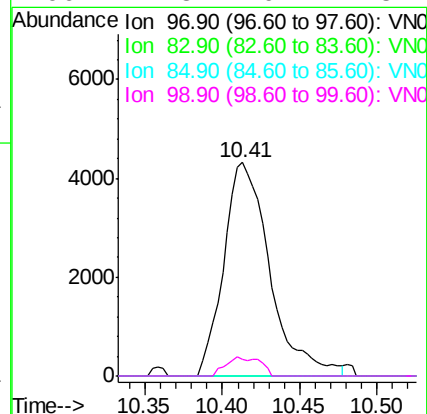
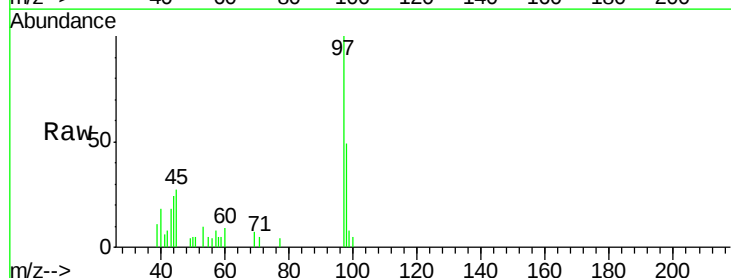
Ion Ratio Lower Upper

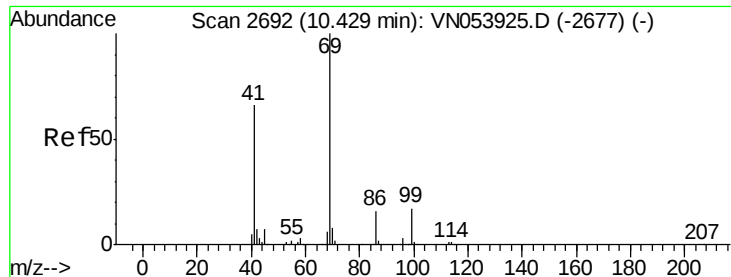
97 100

83 0.0 69.5 104.3#

85 0.0 45.9 68.9#

99 7.8 49.1 73.7#





#56

Ethyl methacrylate

Concen: 1.974 ug/l

RT: 10.44 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

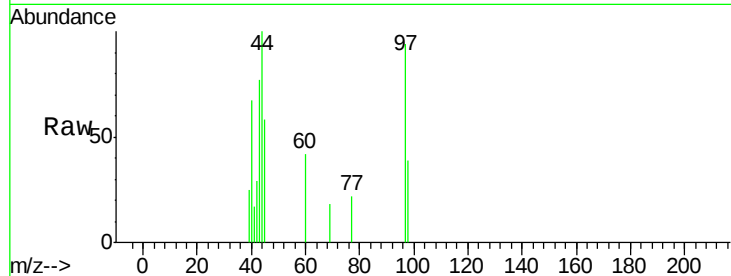
Tot Ion: 69 Resp: 171

Ion Ratio Lower Upper

69 100

41 0.0 47.5 71.3#

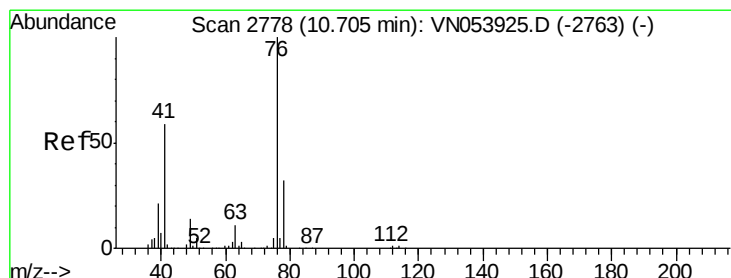
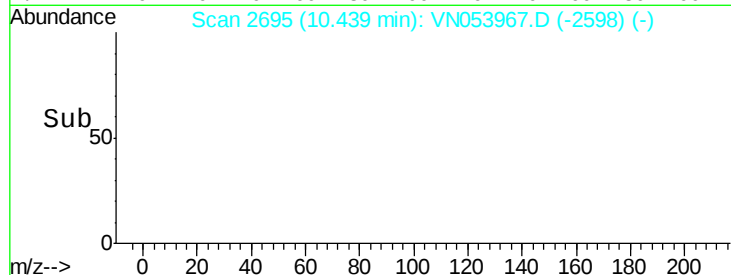
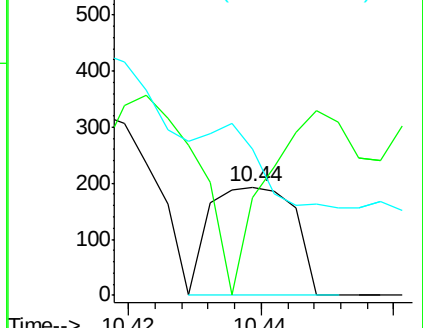
39 0.0 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.803 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053967.D

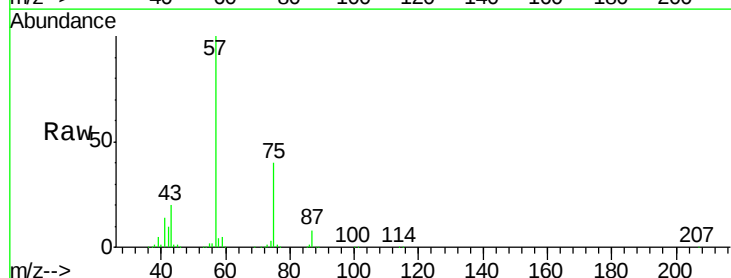
Acq: 26 Feb 2019 20:38

Tgt Ion: 76 Resp: 9135

Ion Ratio Lower Upper

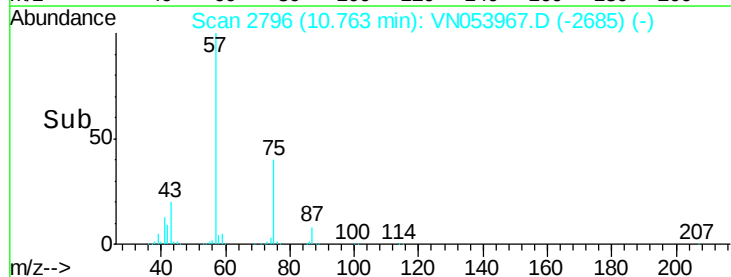
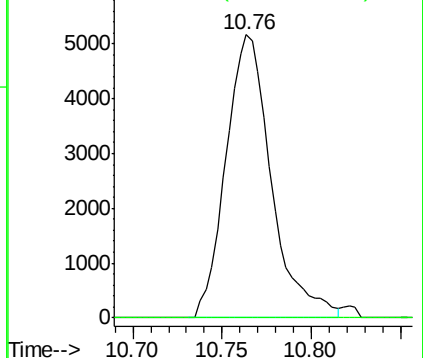
76 100

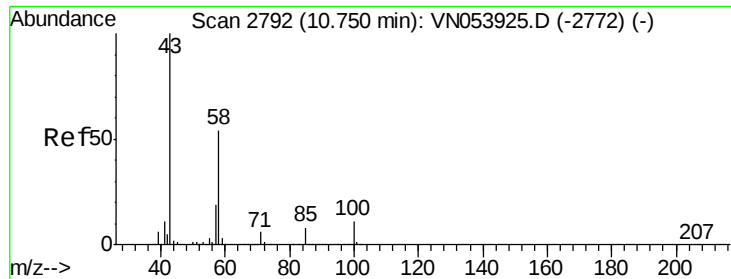
78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

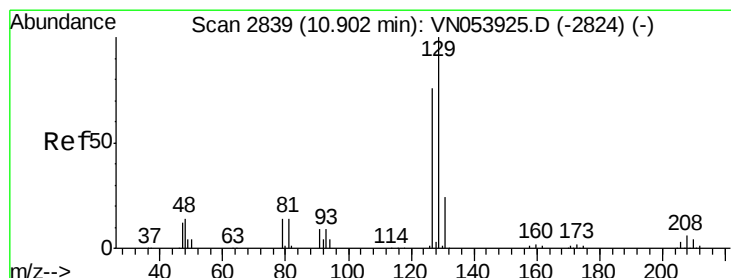
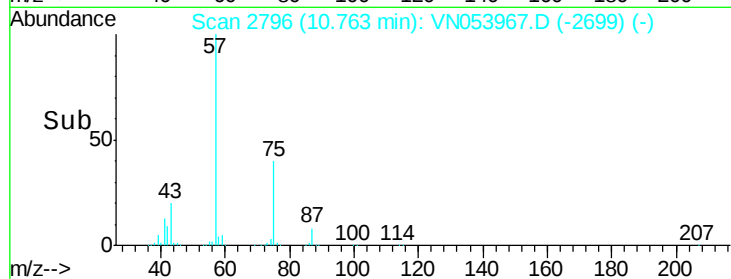
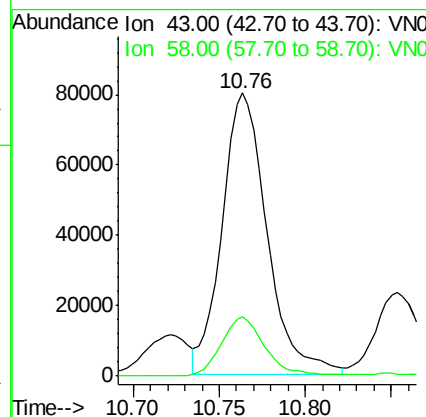
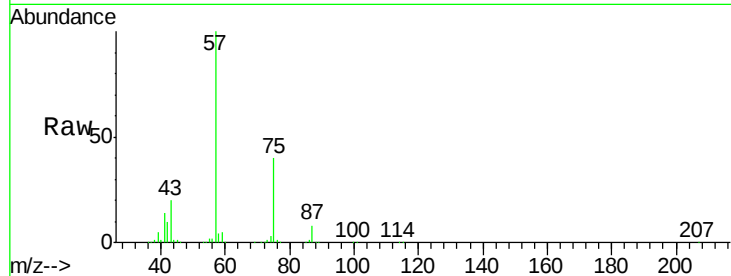




#59
2-Hexanone
Concen: 36.183 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

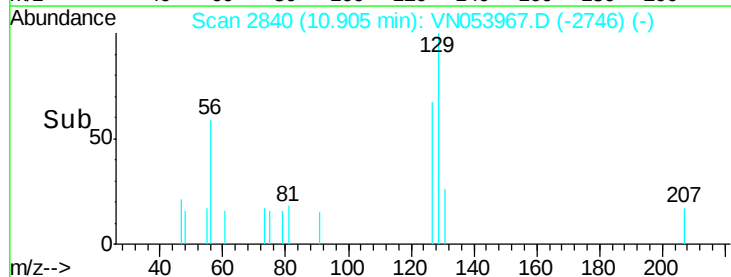
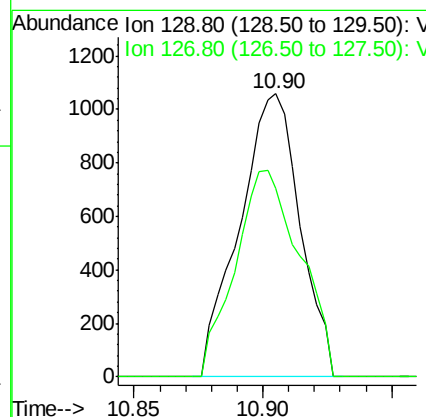
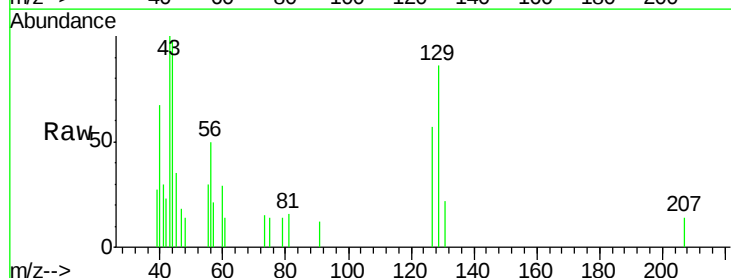
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-1

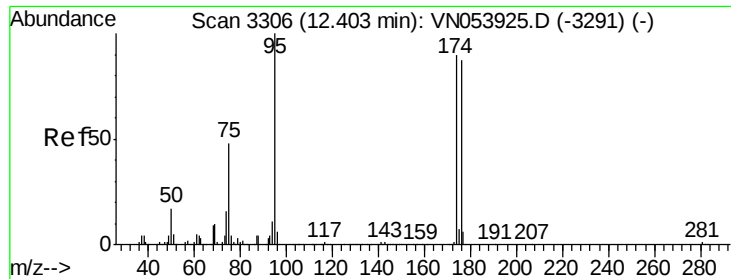
Tot Ion: 43 Resp: 145301
Ion Ratio Lower Upper
43 100
58 20.5 29.1 87.4#



#60
Dibromochloromethane
Concen: 0.232 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

Tgt Ion: 129 Resp: 1733
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3





#62

4-Bromofluorobenzene

Concen: 57.977 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR-1

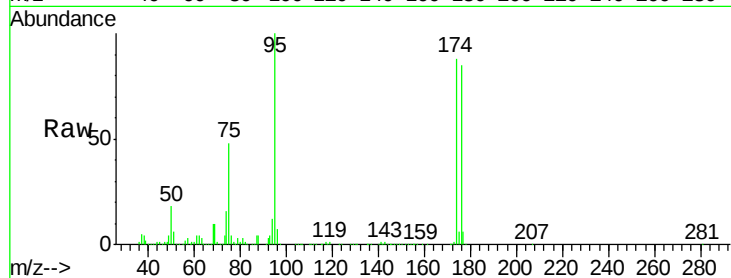
Tot Ion: 95 Resp: 498326

Ion Ratio Lower Upper

95 100

174 88.0 0.0 188.8

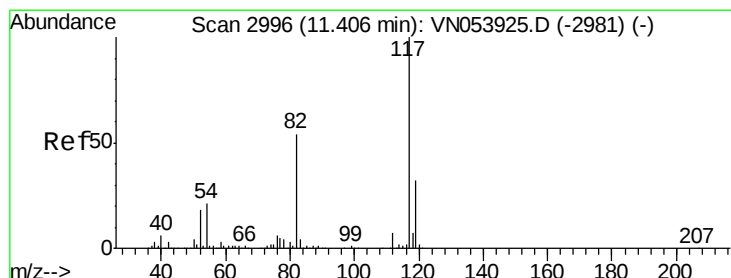
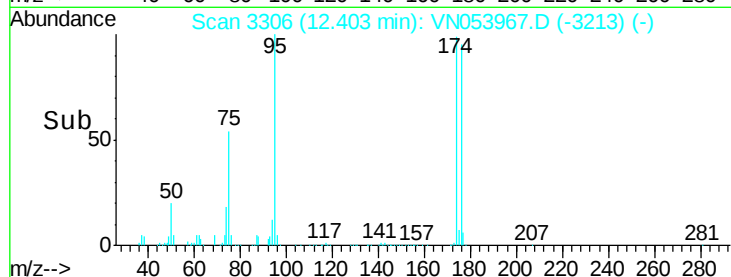
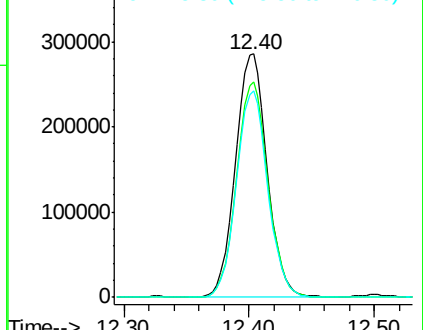
176 84.4 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

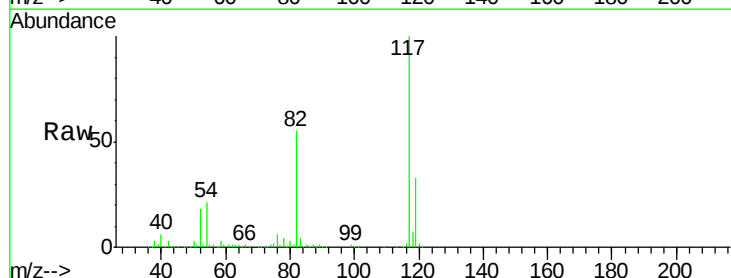
Tgt Ion: 117 Resp: 1061939

Ion Ratio Lower Upper

117 100

82 55.1 41.4 62.2

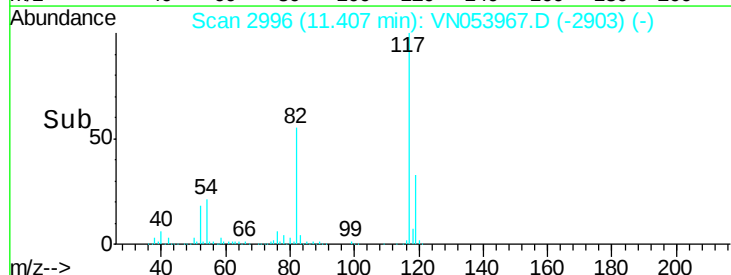
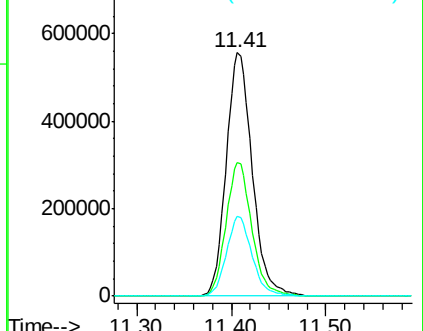
119 32.7 25.3 37.9

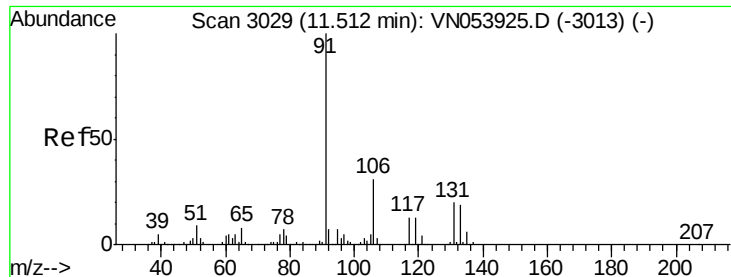


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

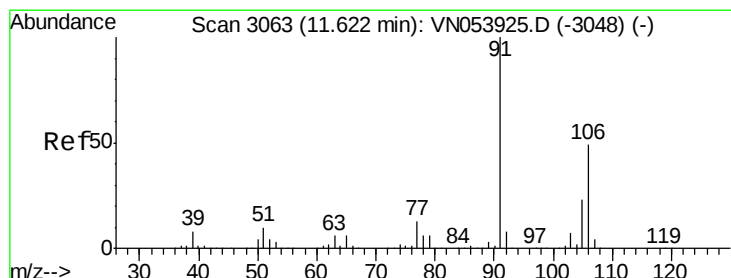
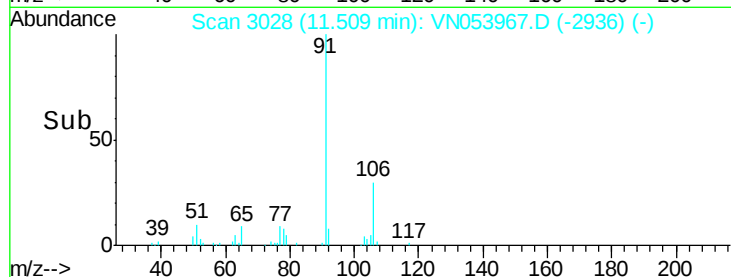
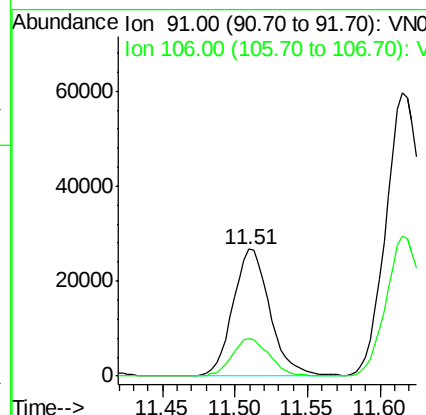
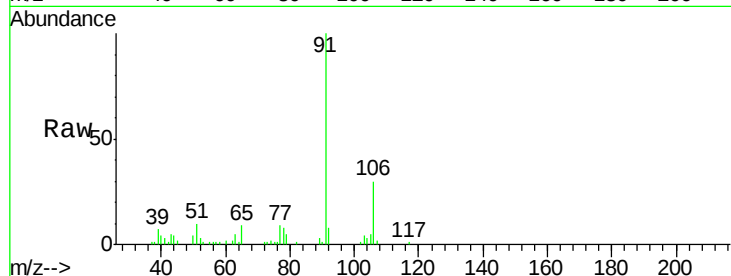




#67
Ethyl Benzene
Concen: 1.265 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

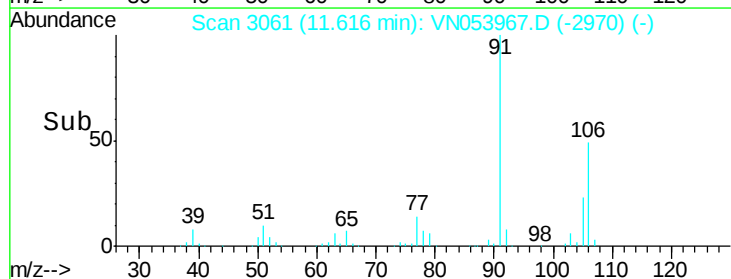
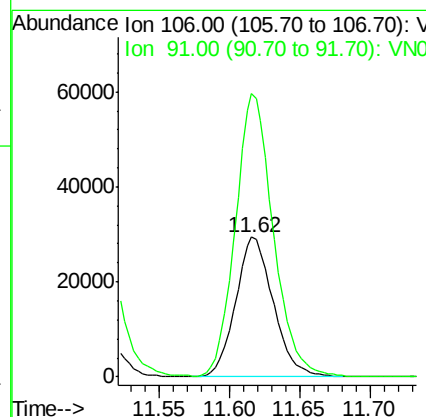
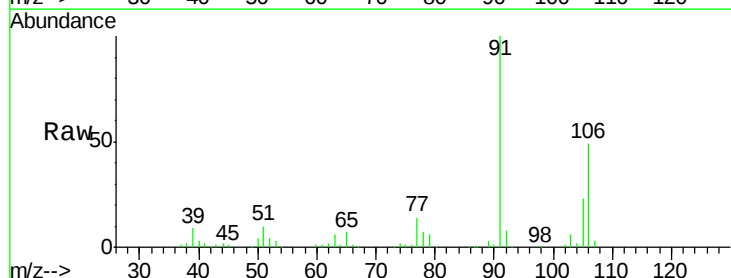
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-1

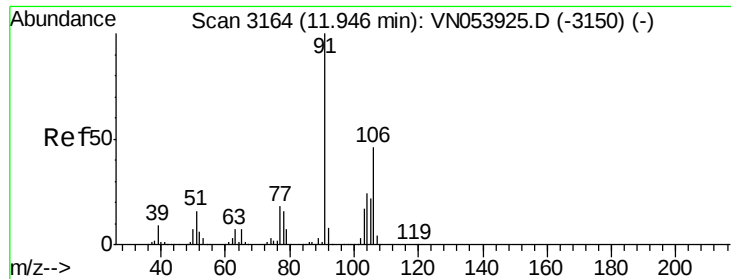
Tot Ion: 91 Resp: 47514
Ion Ratio Lower Upper
91 100
106 29.9 25.2 37.8



#68
m/p-Xylenes
Concen: 3.876 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

Tgt Ion: 106 Resp: 54961
Ion Ratio Lower Upper
106 100
91 204.4 158.9 238.3

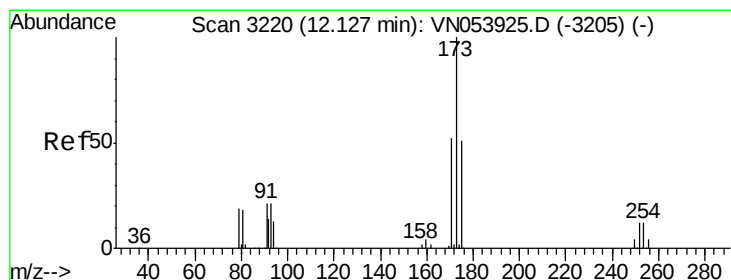
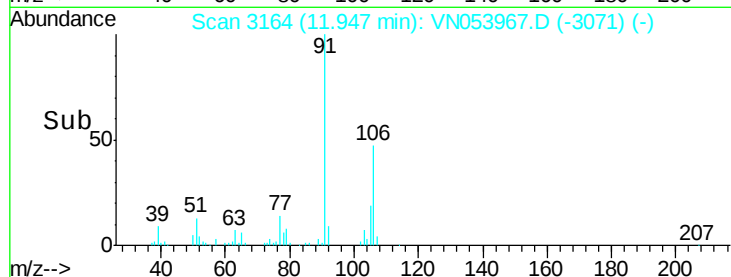
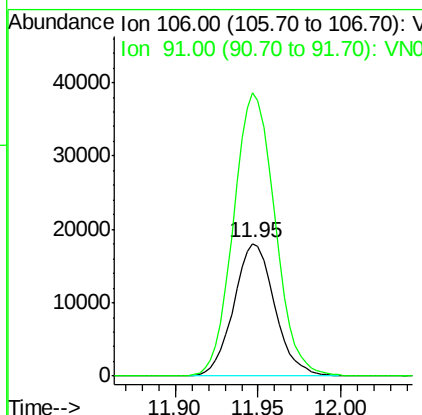
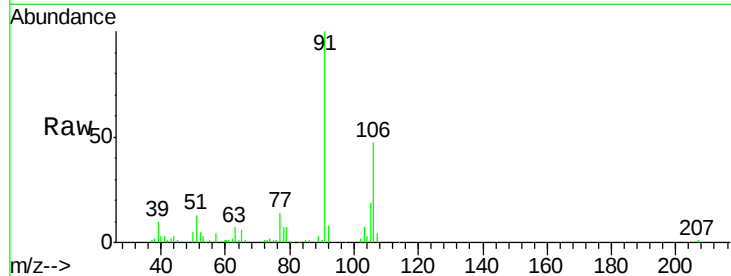




#69
o-Xylene
Concen: 2.229 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

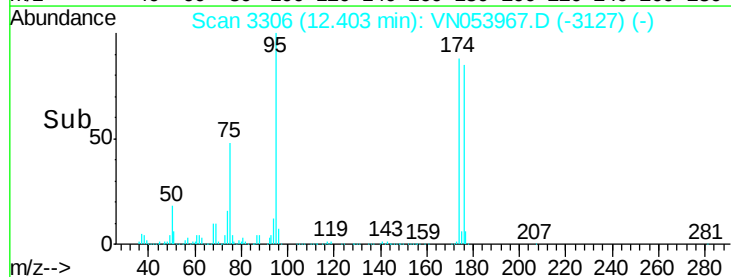
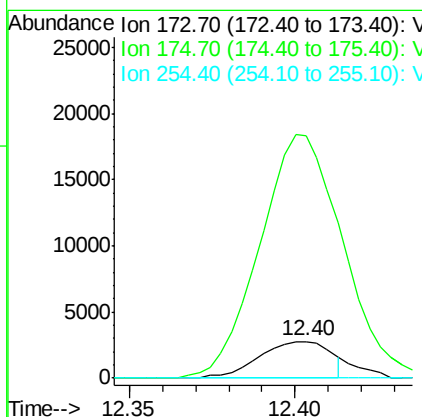
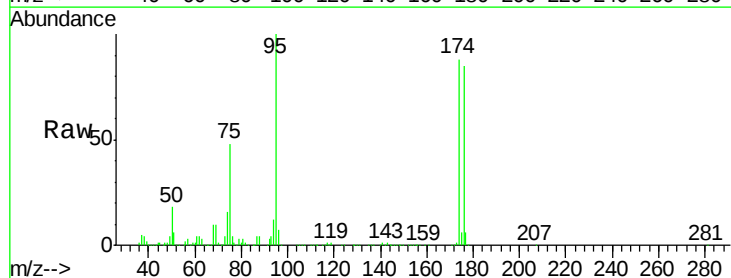
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-1

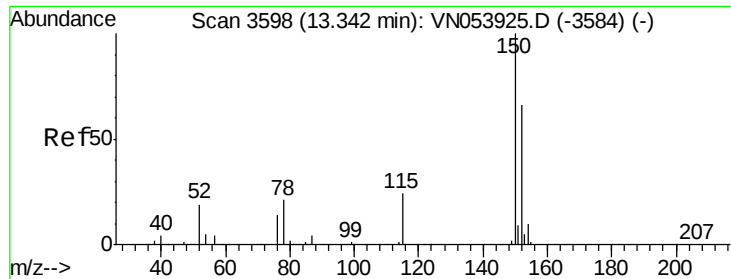
Tot Ion:106 Resp: 31057
Ion Ratio Lower Upper
106 100
91 217.0 106.0 318.0



#71
Bromoform
Concen: 0.736 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

Tgt Ion:173 Resp: 4138
Ion Ratio Lower Upper
173 100
175 662.4 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

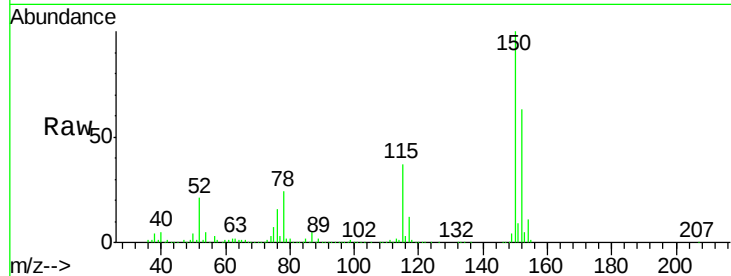
Tot Ion:152 Resp: 465342

Ion Ratio Lower Upper

152 100

115 56.2 27.2 81.6

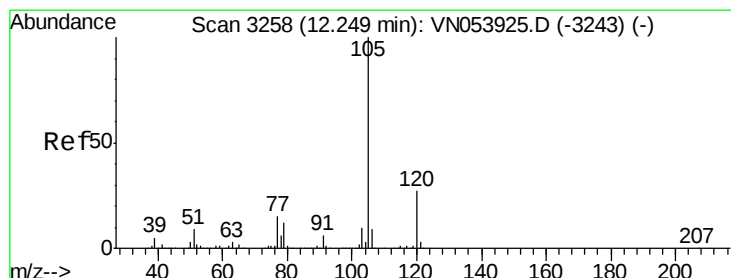
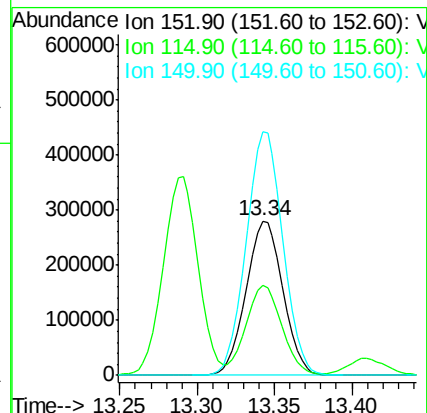
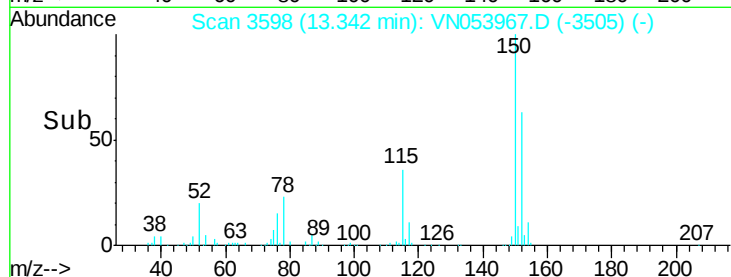
150 157.0 0.0 348.2



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



#73

Isopropylbenzene

Concen: 0.416 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN053967.D

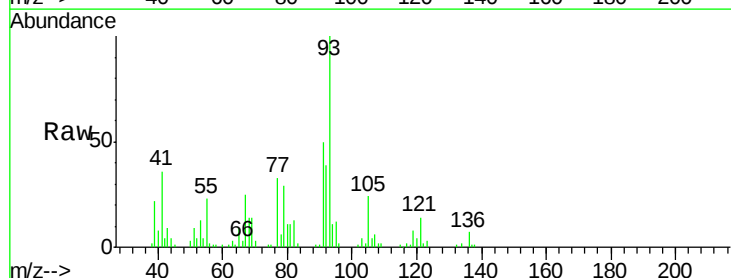
Acq: 26 Feb 2019 20:38

Tgt Ion:105 Resp: 15072

Ion Ratio Lower Upper

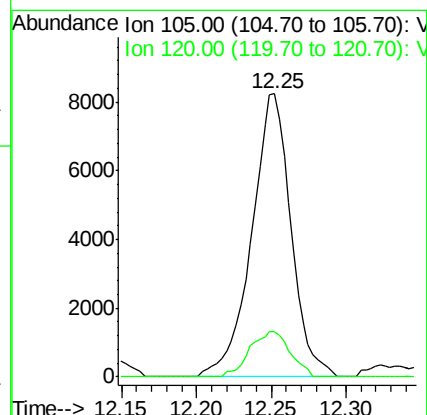
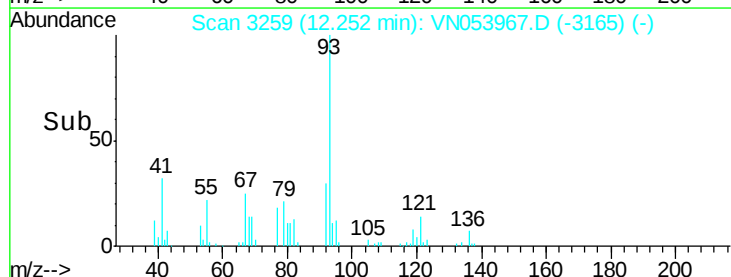
105 100

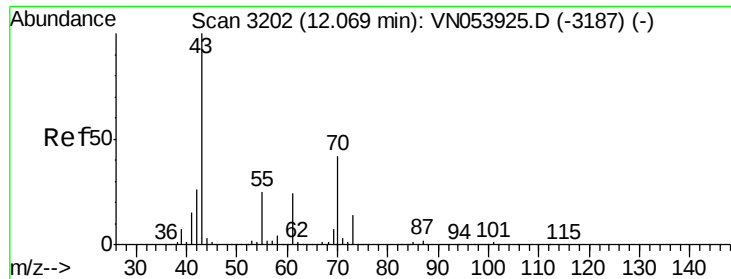
120 16.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 0.821 ug/l

RT: 12.09 min Scan# 3210

Delta R.T. 0.03 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

Tot Ion: 43 Resp: 7794

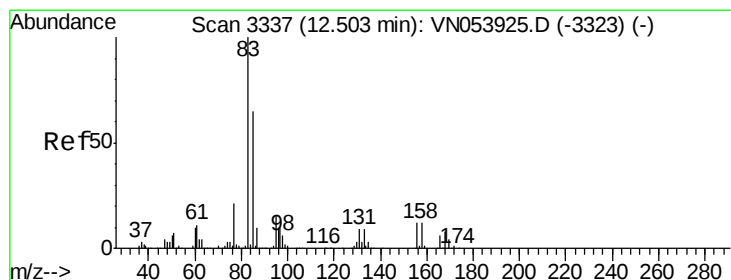
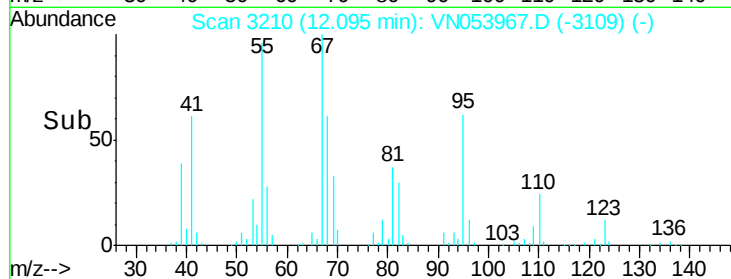
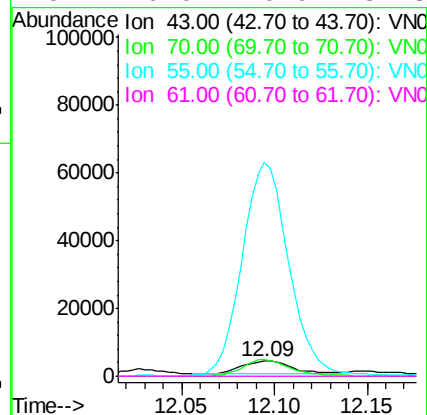
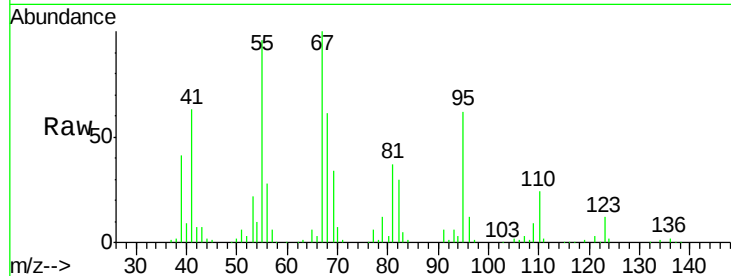
Ion Ratio Lower Upper

43 100

70 113.4 37.4 56.2#

55 1413.6 21.4 32.0#

61 0.0 20.9 31.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.608 ug/l

RT: 12.45 min Scan# 3320

Delta R.T. -0.05 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

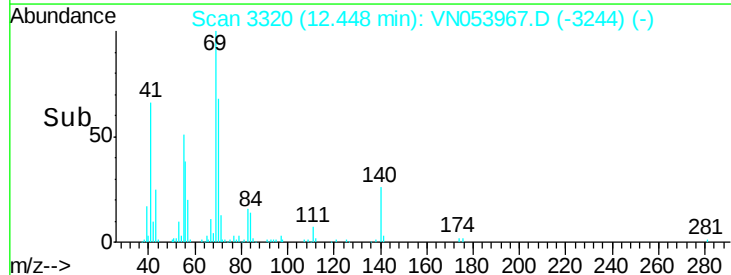
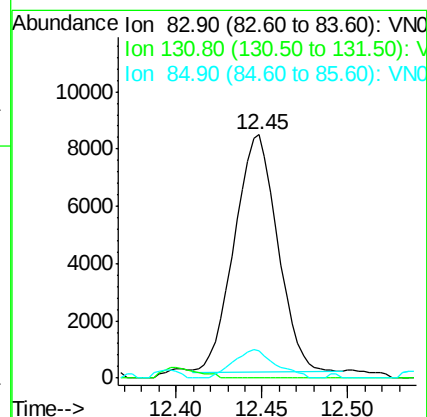
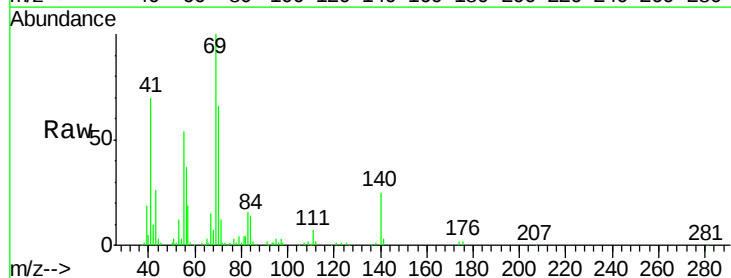
Tgt Ion: 83 Resp: 14569

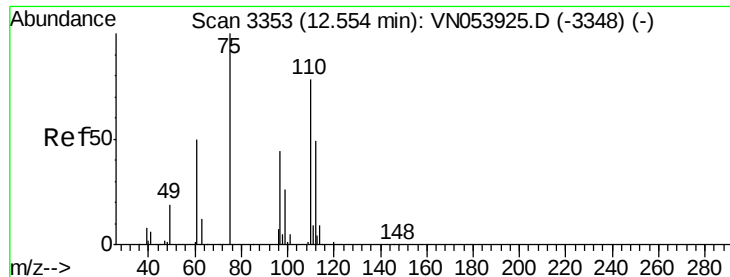
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 11.7 31.9 95.9#





#76

1,2,3-Trichloropropane

Concen: 32.682 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

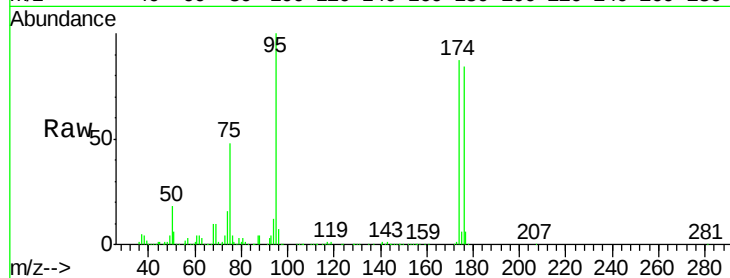
OIL-WATER-SEPARATOR-1

Tot Ion: 75 Resp: 243967

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

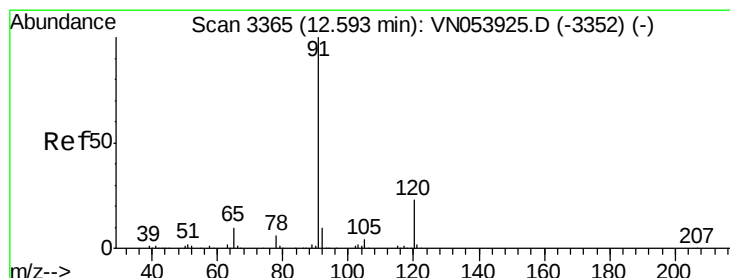
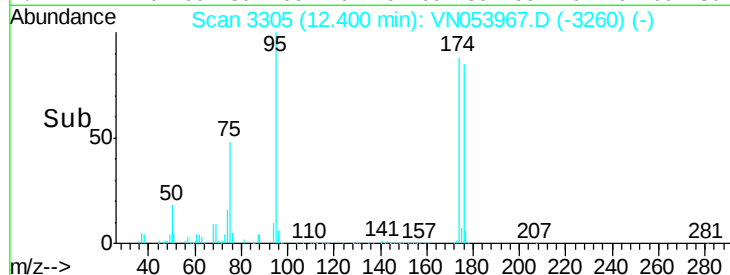
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.386 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053967.D

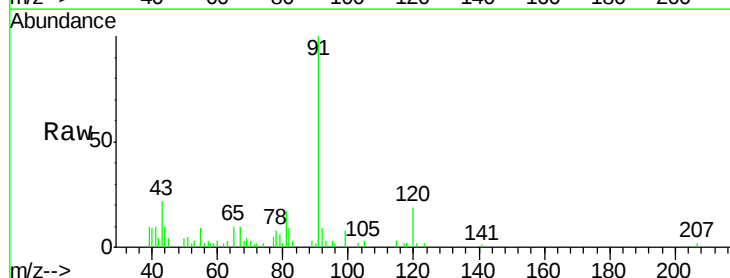
Acq: 26 Feb 2019 20:38

Tgt Ion: 91 Resp: 15892

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

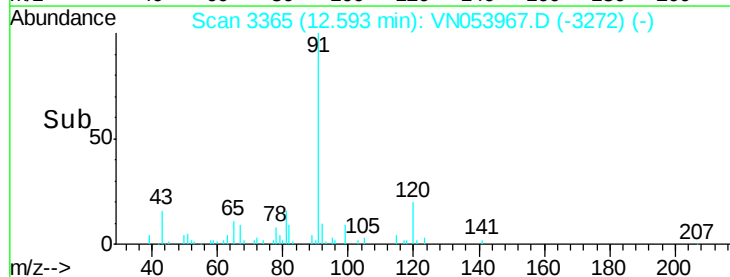
12.59

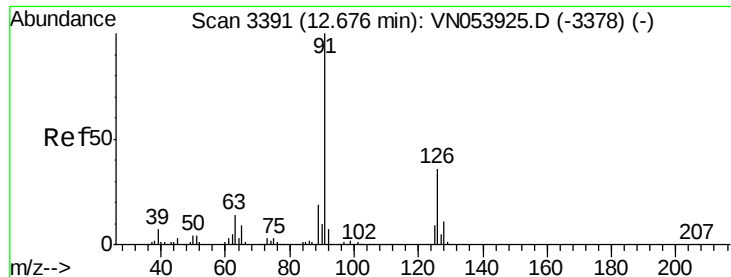
10000

5000

0

Time--> 12.55 12.60 12.65





#79

2-Chlorotoluene

Concen: 0.401 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

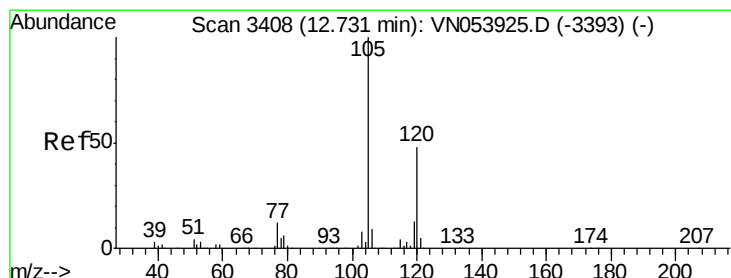
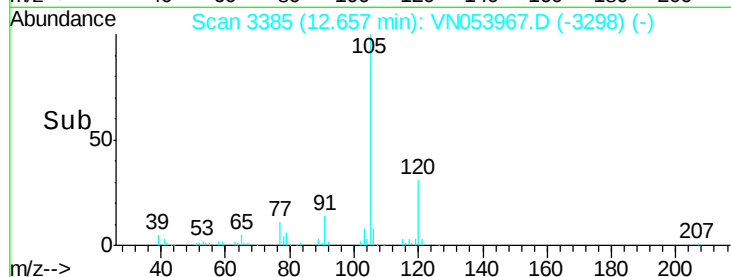
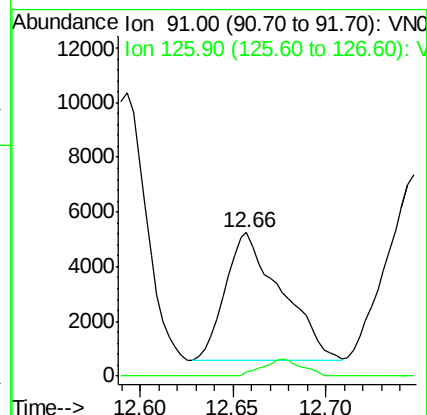
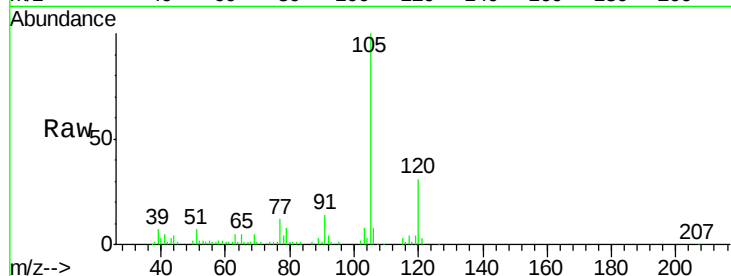
OIL-WATER-SEPERATOR-1

Tot Ion: 91 Resp: 9918

Ion Ratio Lower Upper

91 100

126 9.2 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: 1.078 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053967.D

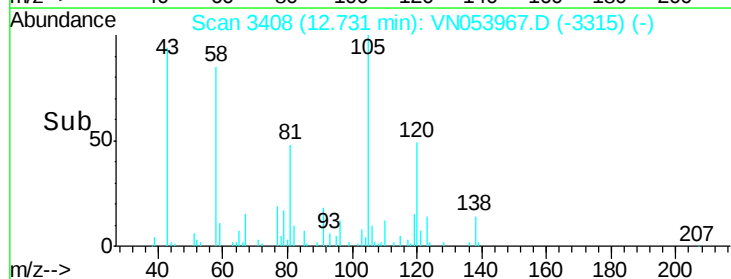
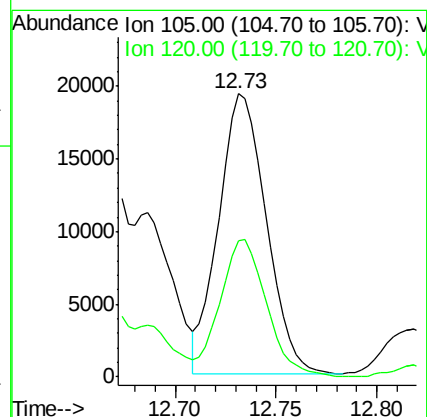
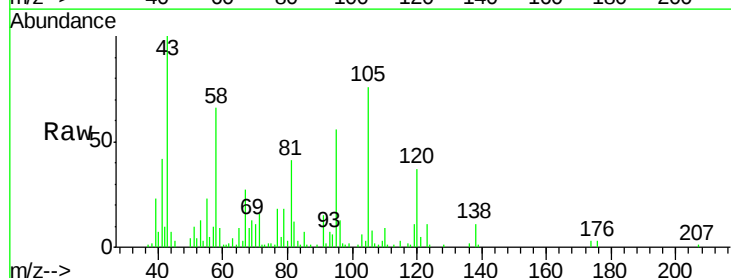
Acq: 26 Feb 2019 20:38

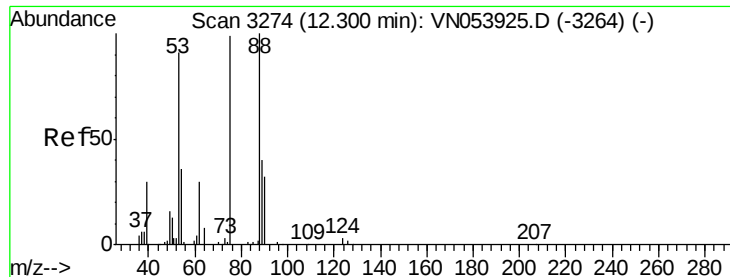
Tgt Ion: 105 Resp: 31958

Ion Ratio Lower Upper

105 100

120 47.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 103.295 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR-1

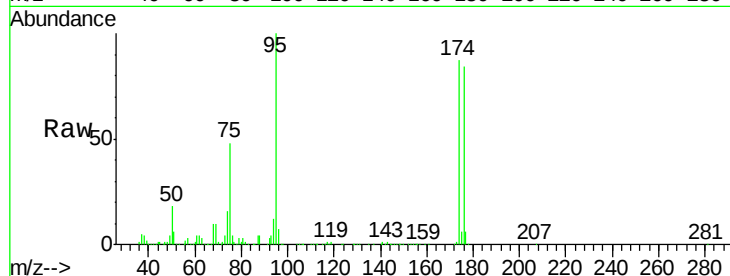
Tot Ion: 75 Resp: 243967

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

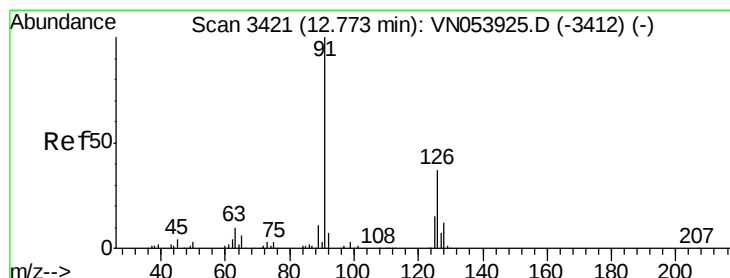
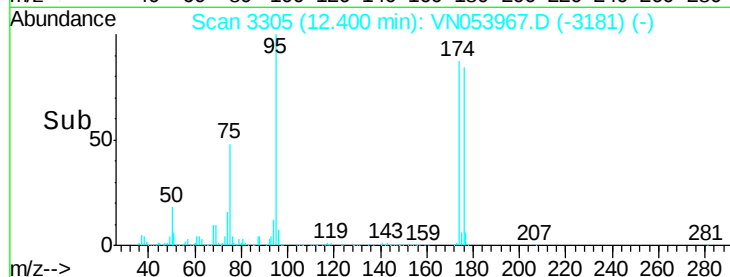
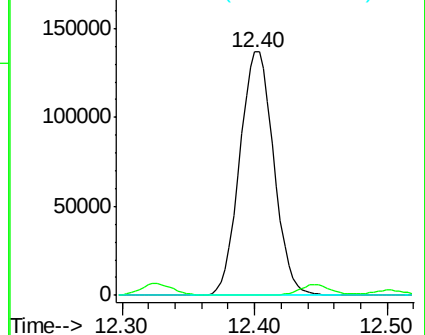
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.565 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.03 min

Lab File: VN053967.D

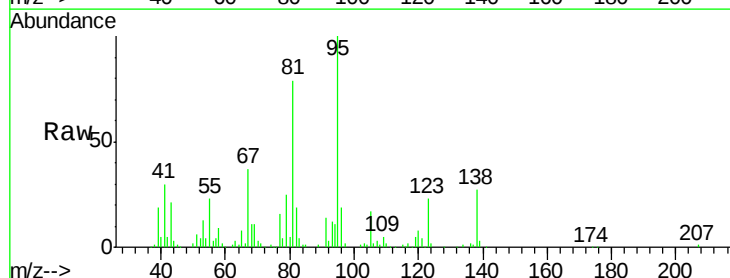
Acq: 26 Feb 2019 20:38

Tgt Ion: 91 Resp: 13818

Ion Ratio Lower Upper

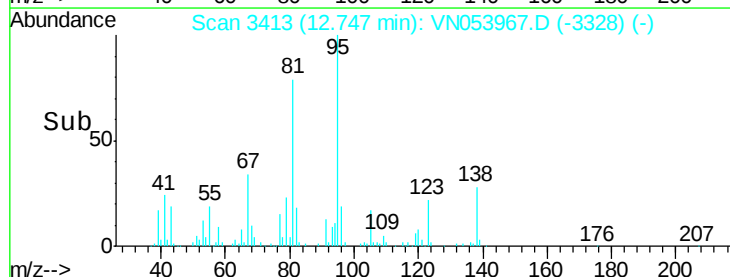
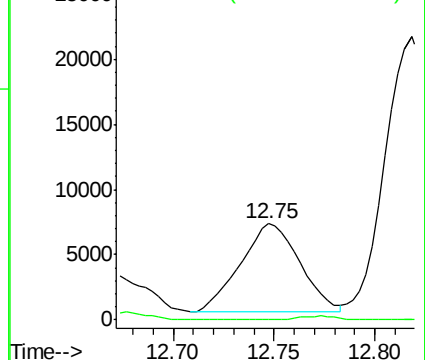
91 100

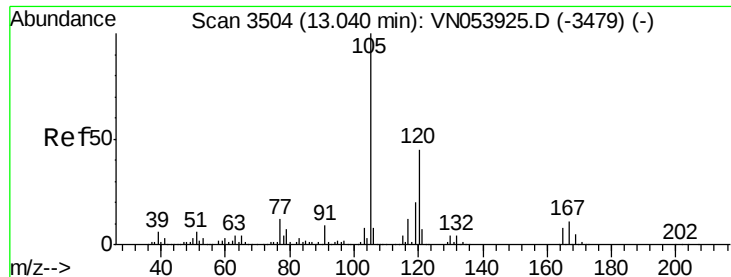
126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

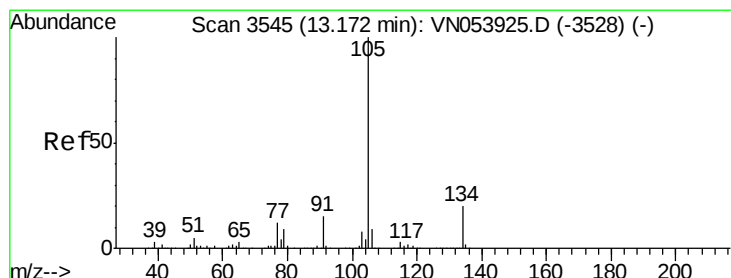
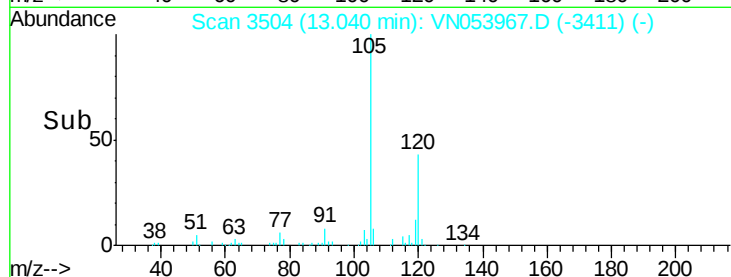
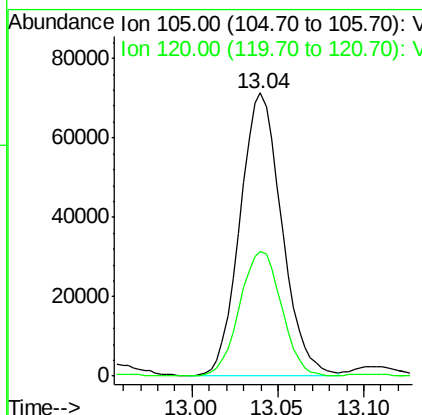
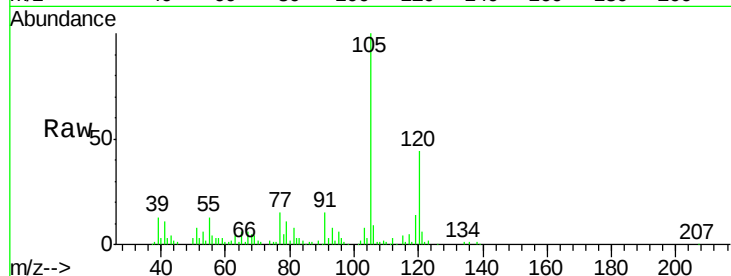




#84
 1,2,4-Trimethylbenzene
 Concen: 4.055 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053967.D
 Acq: 26 Feb 2019 20:38

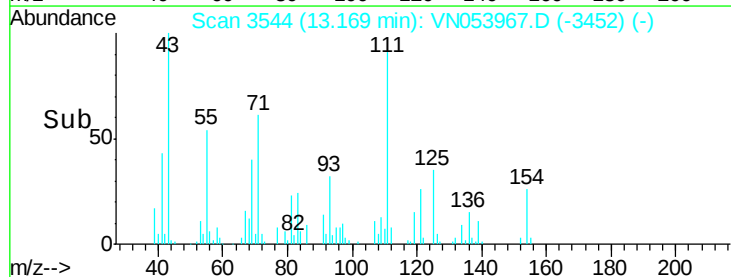
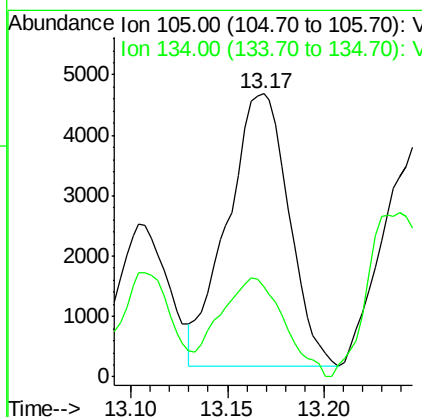
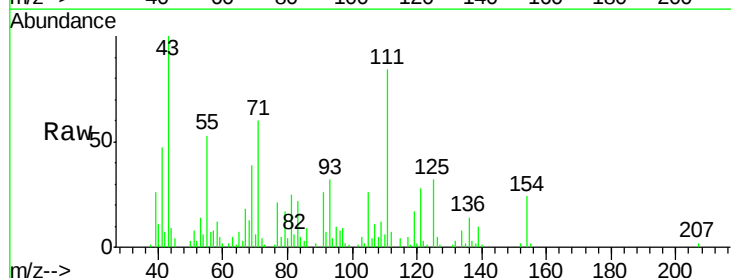
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-1

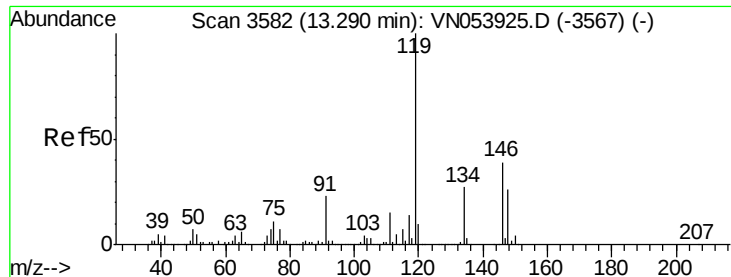
Tot Ion:105 Resp: 120061
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 0.277 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN053967.D
 Acq: 26 Feb 2019 20:38

Tgt Ion:105 Resp: 9929
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

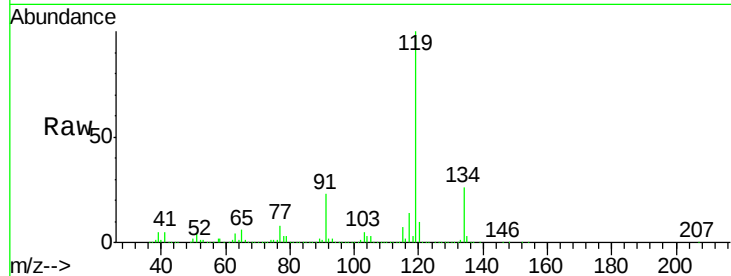




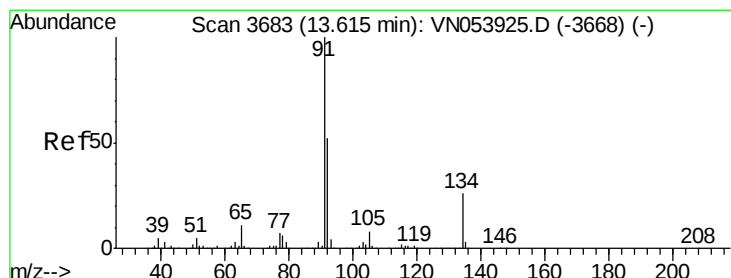
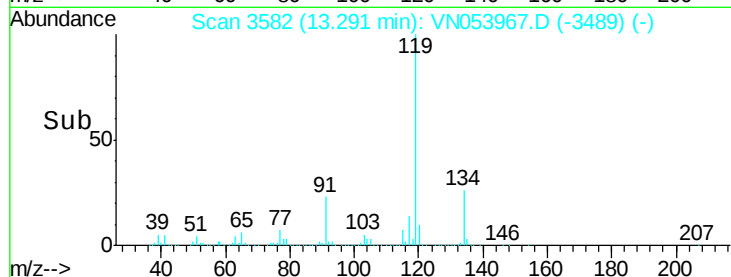
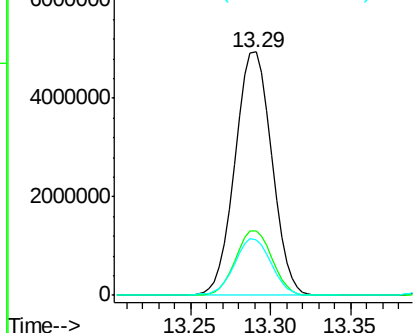
#86
p-Isopropyltoluene
Concen: 254.870 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-1

Tot Ion:119 Resp: 7718496
Ion Ratio Lower Upper
119 100
134 26.5 13.5 40.4
91 23.5 10.9 32.6

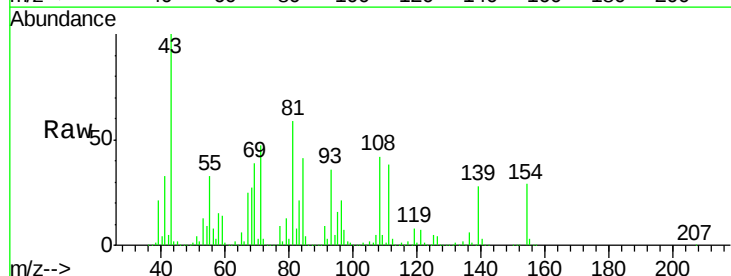


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

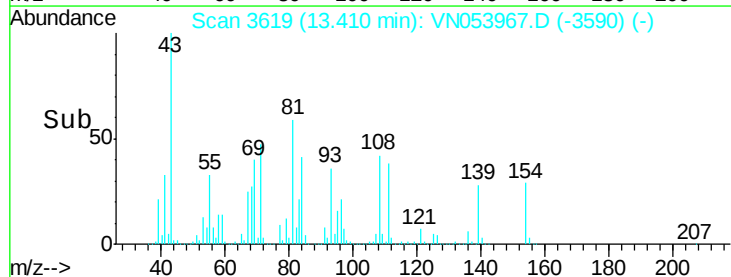
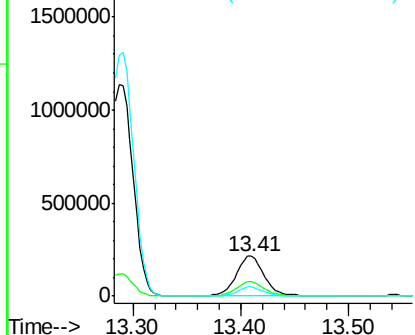


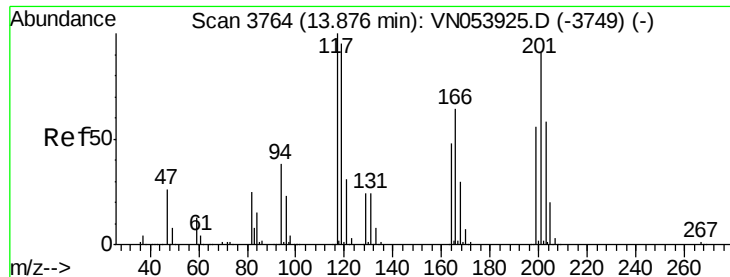
#89
n-Butylbenzene
Concen: 14.981 ug/l
RT: 13.41 min Scan# 3619
Delta R.T. -0.21 min
Lab File: VN053967.D
Acq: 26 Feb 2019 20:38

Tgt Ion: 91 Resp: 382356
Ion Ratio Lower Upper
91 100
92 36.5 26.1 78.2
134 21.5 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.644 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

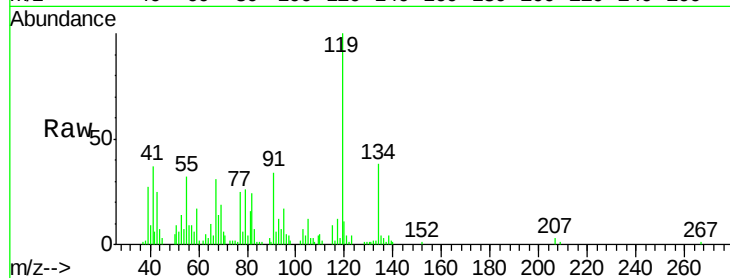
OIL-WATER-SEPARATOR-1

Tot Ion:117 Resp: 3777

Ion Ratio Lower Upper

117 100

201 0.0 48.0 144.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

8000

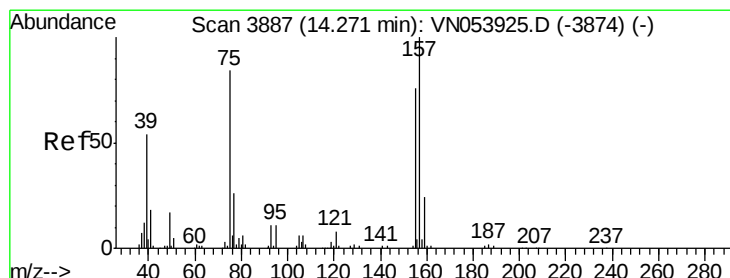
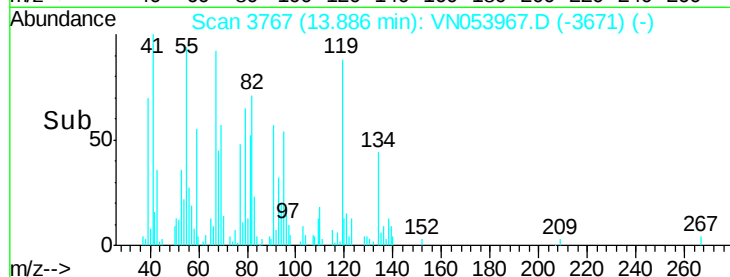
6000

4000

2000

0

Time--> 13.85 13.90



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.311 ug/l

RT: 14.30 min Scan# 3895

Delta R.T. 0.03 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

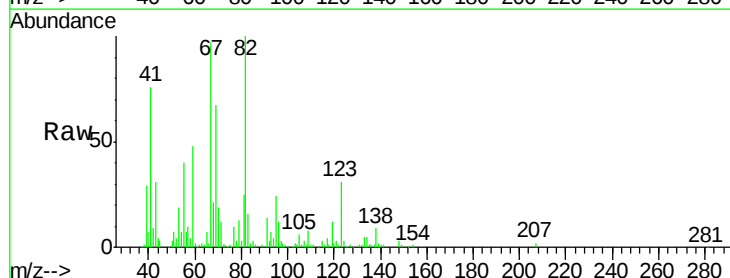
Tgt Ion: 75 Resp: 398

Ion Ratio Lower Upper

75 100

155 0.0 49.5 148.5#

157 0.0 64.8 194.6#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

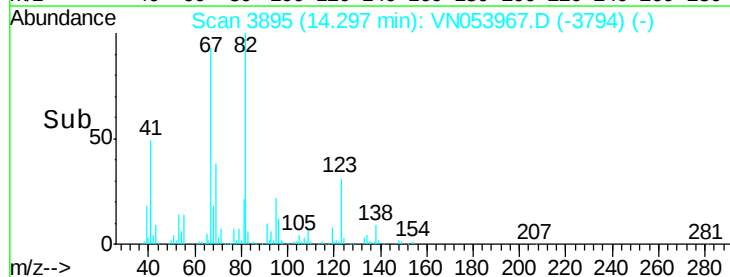
300

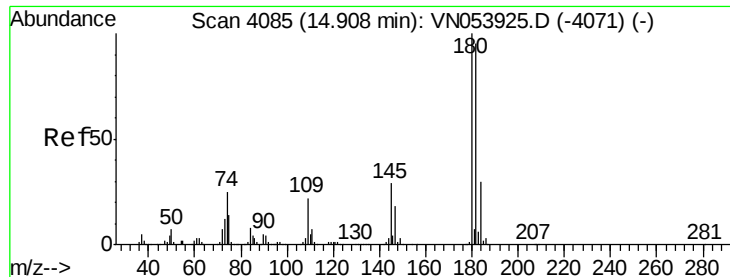
200

100

0

Time--> 14.26 14.28 14.30 14.32





#93

1,2,4-Trichlorobenzene

Concen: 2.226 ug/l

RT: 15.05 min Scan# 4129

Delta R.T. 0.14 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR-1

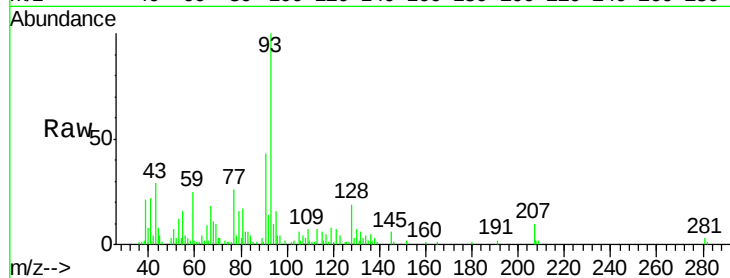
Tot Ion:180 Resp: 29

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

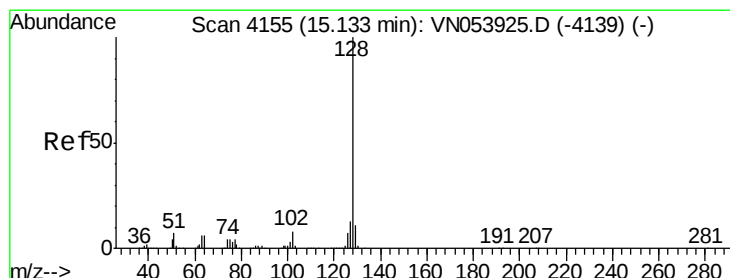
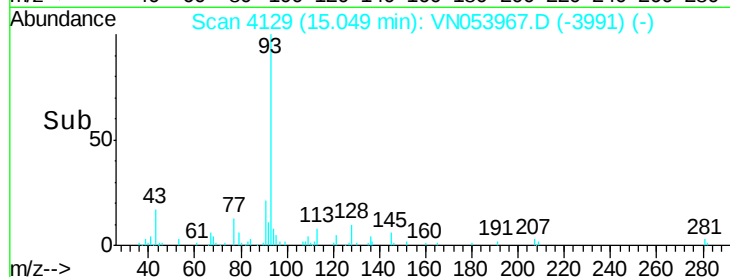
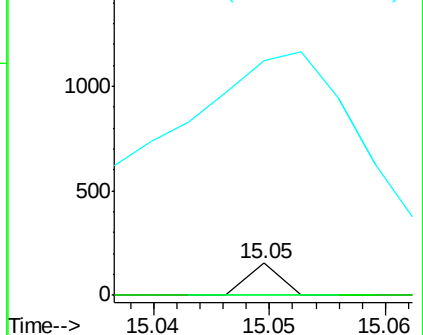
145 6265.5 13.8 41.3#



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: 4.573 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053967.D

Acq: 26 Feb 2019 20:38

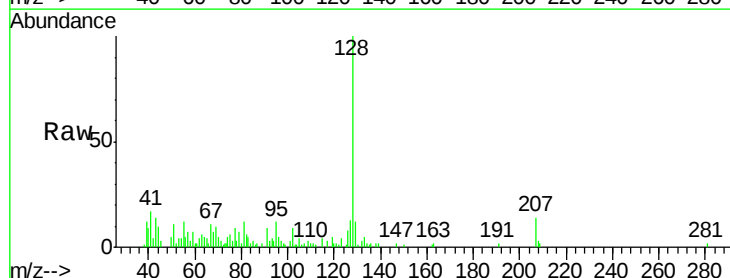
Tgt Ion:128 Resp: 26802

Ion Ratio Lower Upper

128 100

127 14.9 10.2 15.2

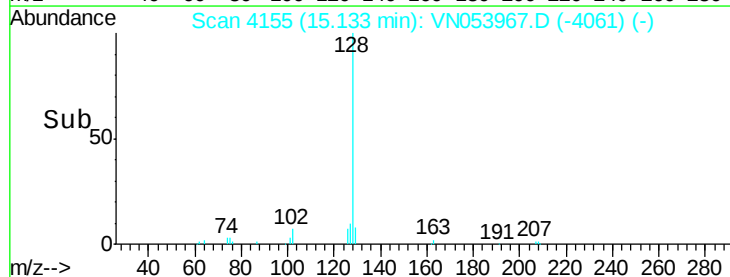
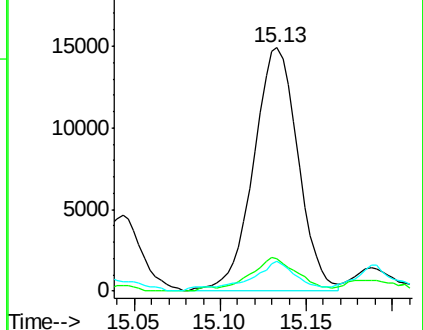
129 8.8 8.6 12.8

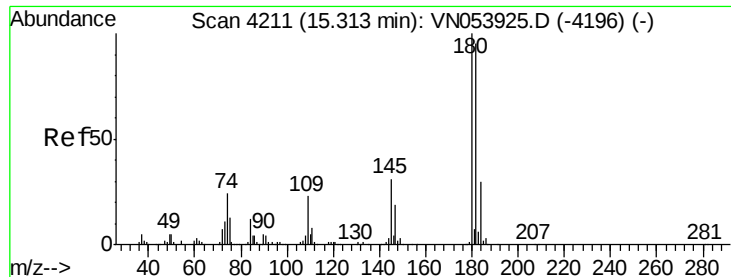


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

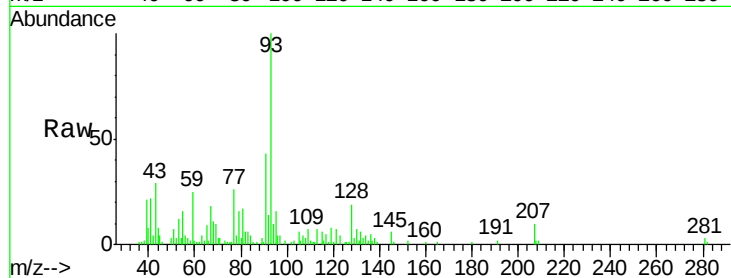




#96
 1,2,3-Trichlorobenzene
 Concen: 1.561 ug/l
 RT: 15.05 min Scan# 4129
 Delta R.T. -0.26 min
 Lab File: VN053967.D
 Acq: 26 Feb 2019 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-1

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.8#
145	6265.5	14.4	43.0#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

