

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055088.D
 Acq On : 16 Apr 2019 19:31
 Operator : JC/SP
 Sample : K2421-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Apr 17 01:41:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	535635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	862642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241679	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	336879	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
35) Dibromofluoromethane	7.59	113	274142	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
50) Toluene-d8	10.09	98	1025859	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	300823	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.82	59	132	0.338	ug/l #	72
13) Acrolein	3.60	56	2776	5.755	ug/l #	69
16) Acetone	3.82	43	139256	72.061	ug/l	100
17) Carbon Disulfide	4.04	76	8203	0.598	ug/l	97
18) Methyl Acetate	4.33	43	6883	0.806	ug/l #	82
20) Methylene Chloride	4.54	84	17745	2.612	ug/l	93
25) 2-Butanone	6.85	43	48815	16.925	ug/l	96
29) Tetrahydrofuran	7.23	42	38050	20.118	ug/l #	39
31) Cyclohexane	7.67	56	11277	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	39547	4.863	ug/l #	49
37) Ethyl Acetate	6.85	43	48815	7.373	ug/l #	71
38) Carbon Tetrachloride	7.67	117	50738	6.558	ug/l #	16
41) Methacrylonitrile	7.23	41	14227	3.871	ug/l #	49
48) Methyl methacrylate	9.18	41	7519	1.487	ug/l #	26
51) 4-Methyl-2-Pentanone	9.99	43	42189	7.159	ug/l	98
52) Toluene	10.15	92	63640	4.534	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	33006	3.794	ug/l #	69
57) 1,3-Dichloropropane	10.76	76	3381	0.367	ug/l #	43
59) 2-Hexanone	10.76	43	54918	14.836	ug/l #	60
67) Ethyl Benzene	11.51	91	57853	2.222	ug/l	95
68) m/p-Xylenes	11.62	106	59354	6.296	ug/l	99
69) o-Xylene	11.95	106	32626	3.573	ug/l	97
71) Bromoform	12.40	173	2895	0.942	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	153729	35.373	ug/l #	100
78) n-propylbenzene	12.59	91	7100	0.306	ug/l	100
79) 2-Chlorotoluene	12.65	91	4181	0.289	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	23922	1.382	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	153729	141.450	ug/l #	2
82) 4-Chlorotoluene	12.73	91	3316	0.246	ug/l #	42
83) tert-Butylbenzene	13.23	119	4723	0.323	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	57103	3.482	ug/l	98
86) p-Isopropyltoluene	13.29	119	104417	6.535	ug/l	99
90) Hexachloroethane	13.89	117	1857	0.714	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.25	75	148	0.209	ug/l #	2

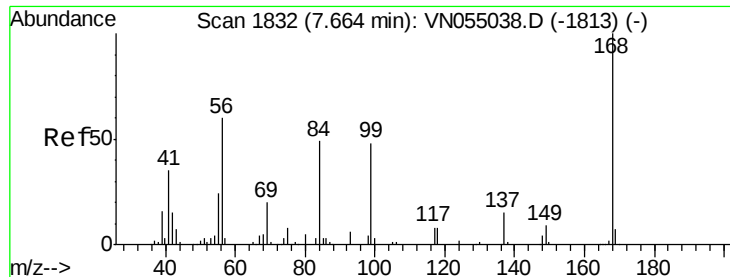
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
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QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	296	2.753	ug/l #	29
95) Naphthalene	15.13	128	18295	5.060	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

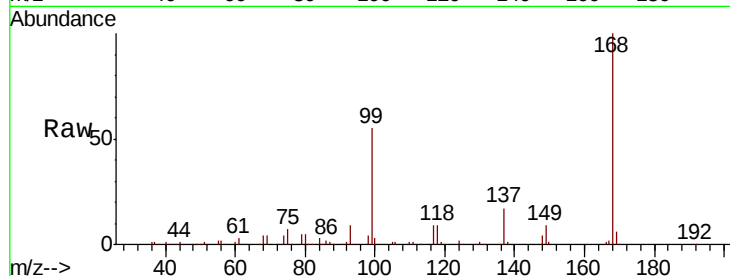
OIL-WATER-SEPARATOR-1

Tot Ion:168 Resp: 535635

Ion Ratio Lower Upper

168 100

99 54.7 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055038.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055038.D (-1813) (-)

7.66

200000

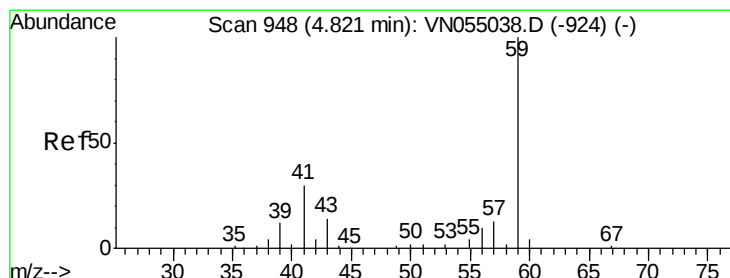
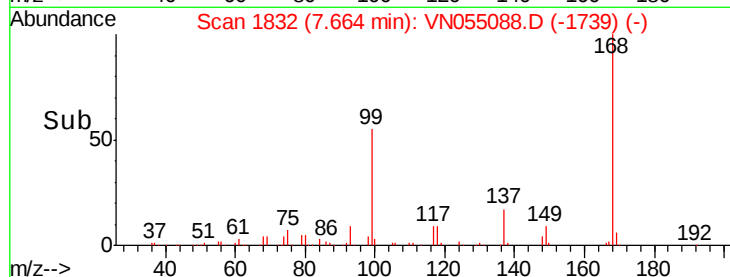
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.338 ug/l

RT: 4.82 min Scan# 946

Delta R.T. -0.01 min

Lab File: VN055088.D

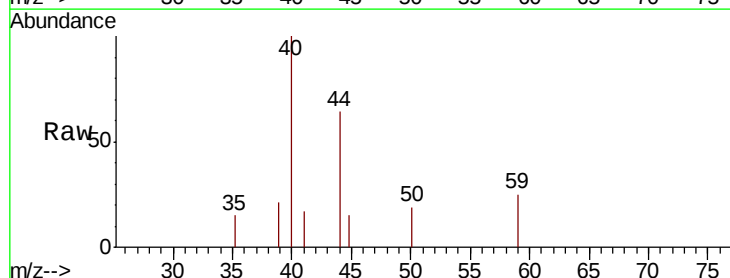
Acq: 16 Apr 2019 19:31

Tgt Ion: 59 Resp: 132

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN055038.D (-924) (-)

Ion 57.00 (56.70 to 57.70): VN055038.D (-924) (-)

4.82

300

250

200

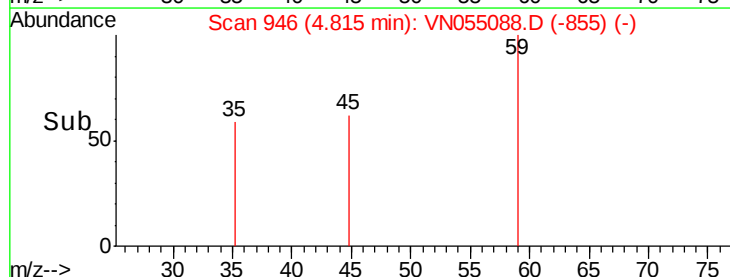
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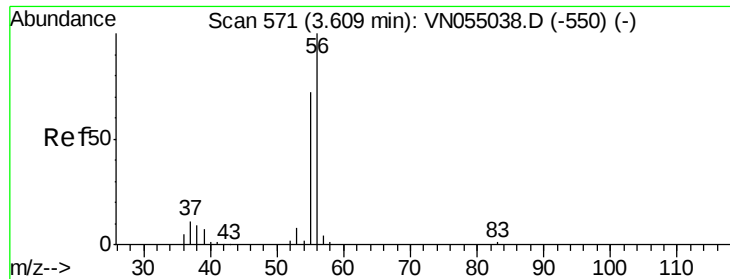
100

50

0

Time-->





#13

Acrolein

Concen: 5.755 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

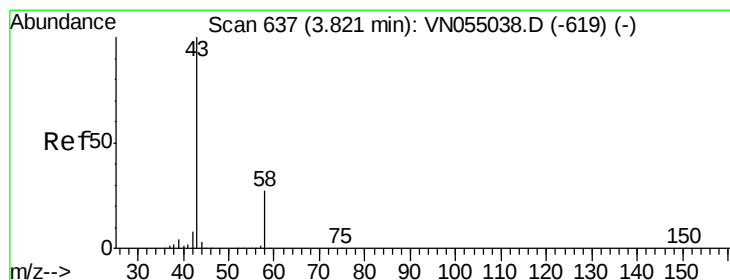
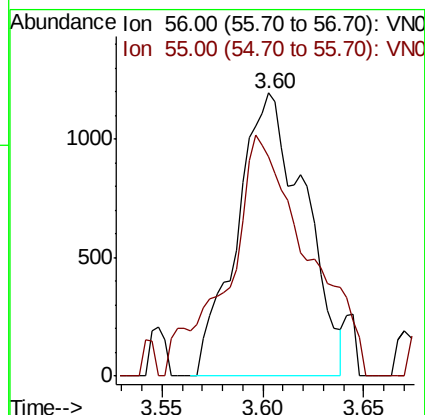
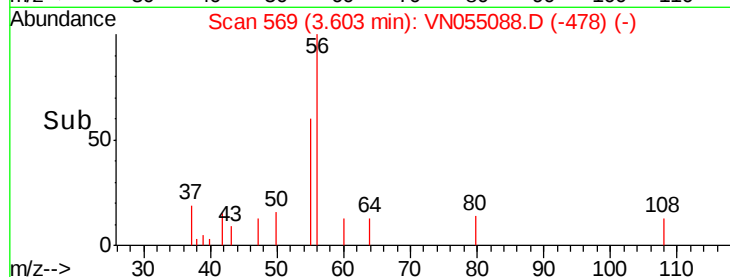
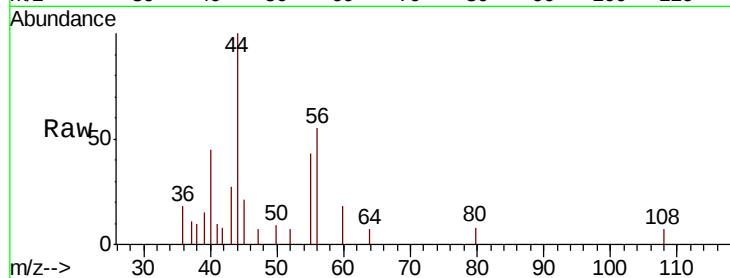
OIL-WATER-SEPARATOR-1

Tot Ion: 56 Resp: 2776

Ion Ratio Lower Upper

56 100

55 100.4 59.5 89.3#



#16

Acetone

Concen: 72.061 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055088.D

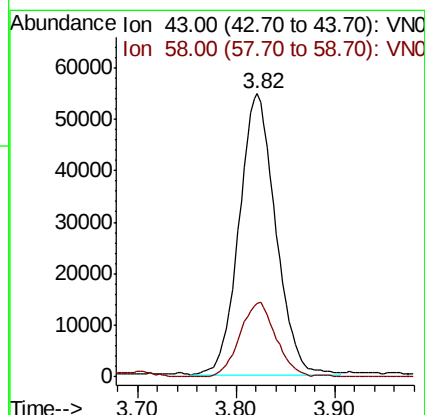
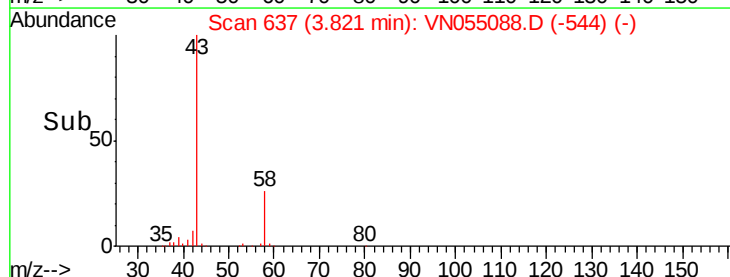
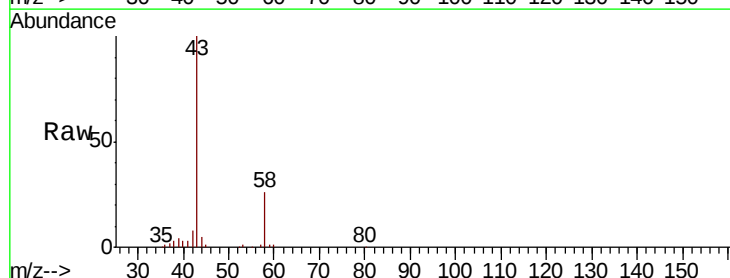
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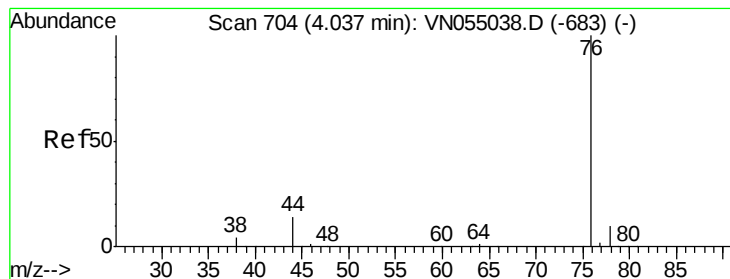
Tgt Ion: 43 Resp: 139256

Ion Ratio Lower Upper

43 100

58 26.4 20.9 31.3





#17

Carbon Disulfide

Concen: 0.598 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

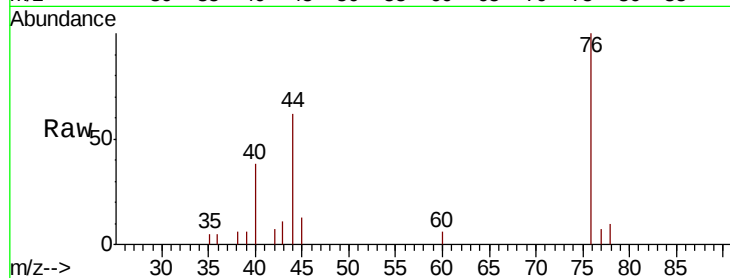
OIL-WATER-SEPARATOR-1

Tot Ion: 76 Resp: 8203

Ion Ratio Lower Upper

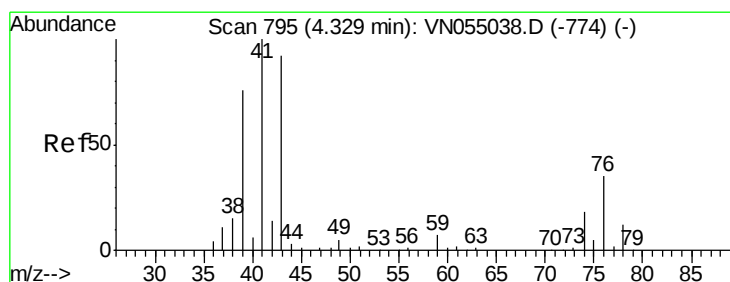
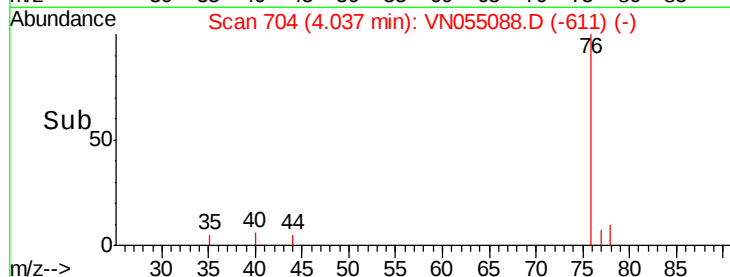
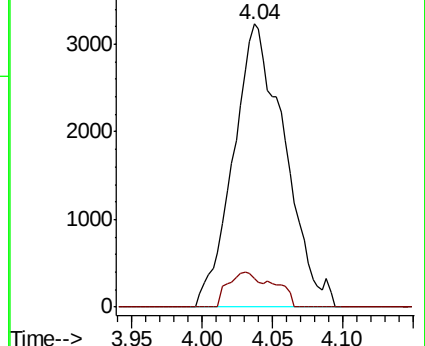
76 100

78 10.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN055088.D (-611) (-)

Ion 77.90 (77.60 to 78.60): VN055088.D (-611) (-)



#18

Methyl Acetate

Concen: 0.806 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055088.D

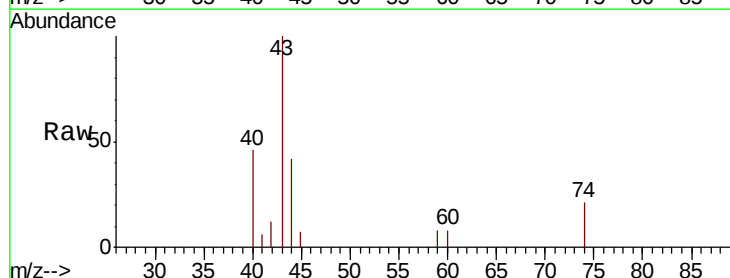
Acq: 16 Apr 2019 19:31

Tgt Ion: 43 Resp: 6883

Ion Ratio Lower Upper

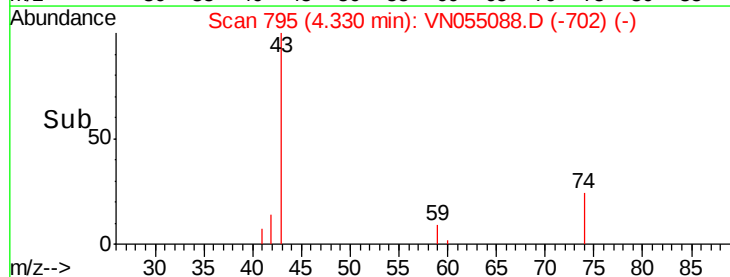
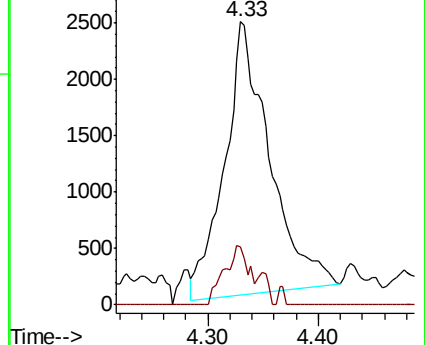
43 100

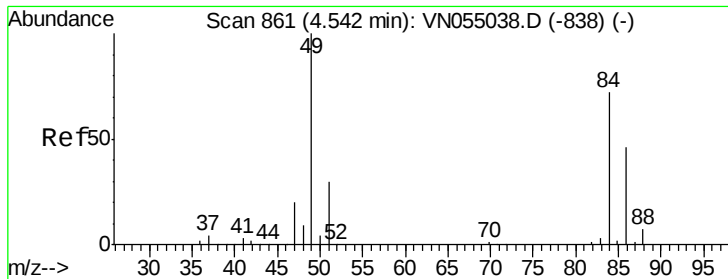
74 11.7 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055088.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN055088.D (-702) (-)

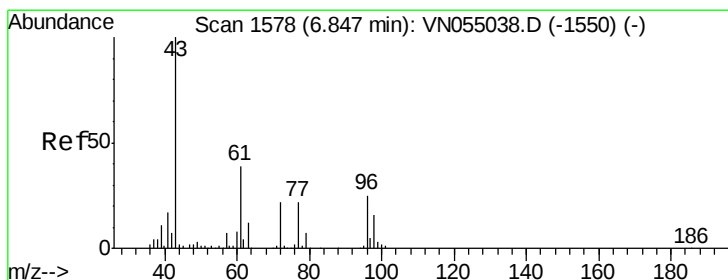
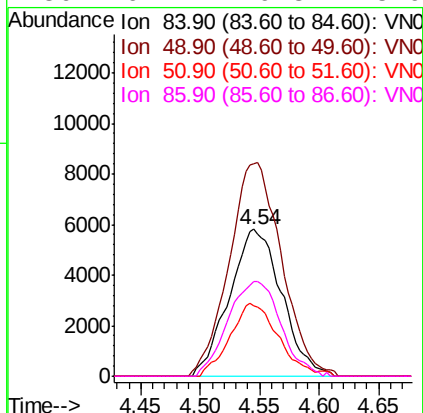
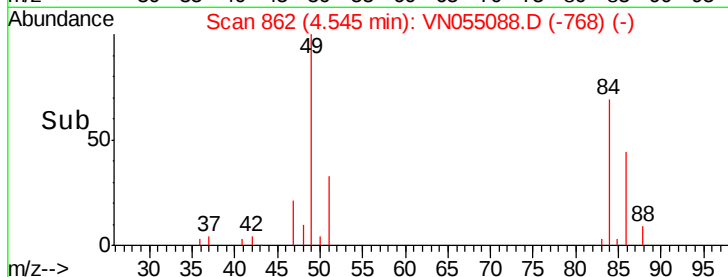
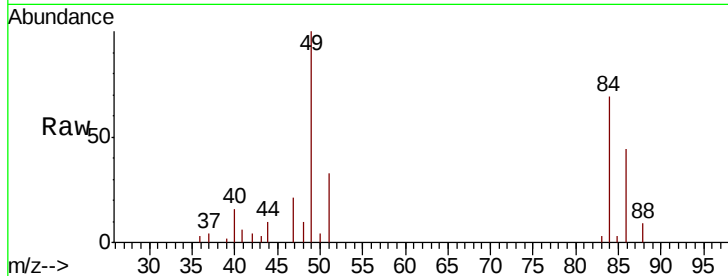




#20
Methvlene Chloride
Concen: 2.612 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

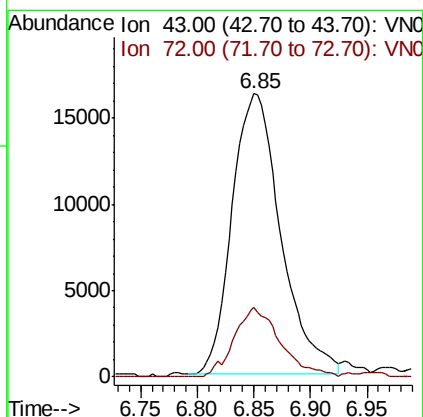
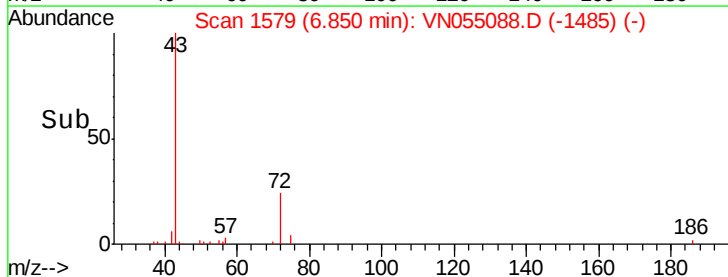
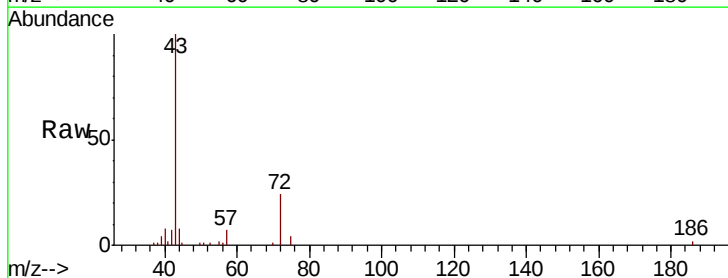
Instrument :
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OIL-WATER-SEPERATOR-1

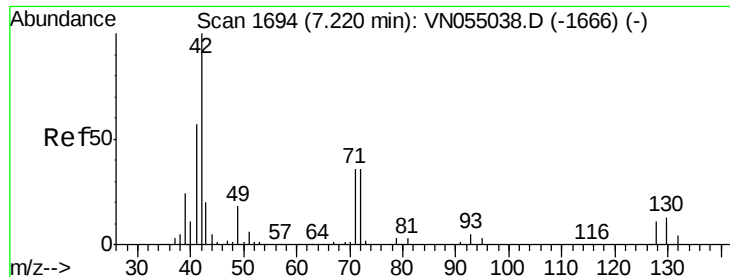
Tot Ion: 84 Resp: 17745
Ion Ratio Lower Upper
84 100
49 144.9 109.4 164.2
51 48.0 32.2 48.4
86 64.4 49.3 73.9



#25
2-Butanone
Concen: 16.925 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

Tgt Ion: 43 Resp: 48815
Ion Ratio Lower Upper
43 100
72 24.8 18.1 27.1

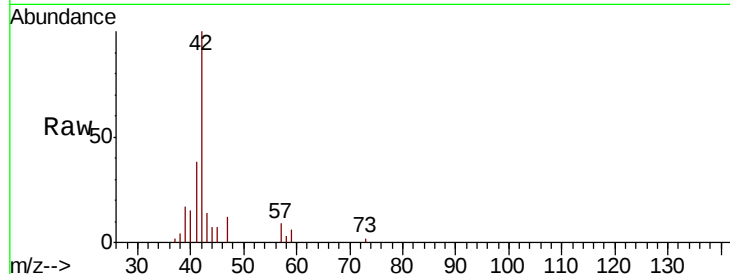




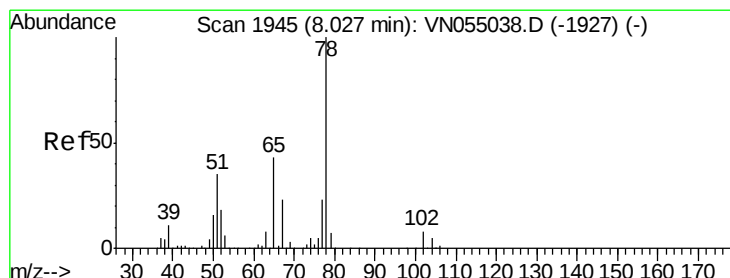
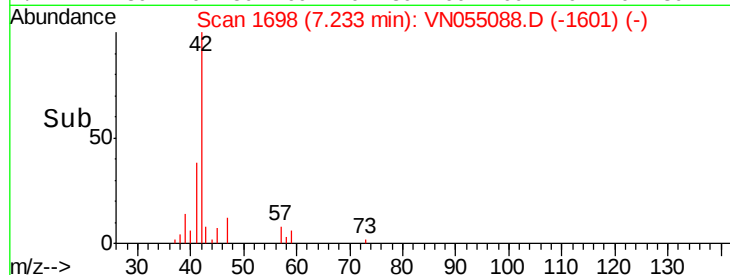
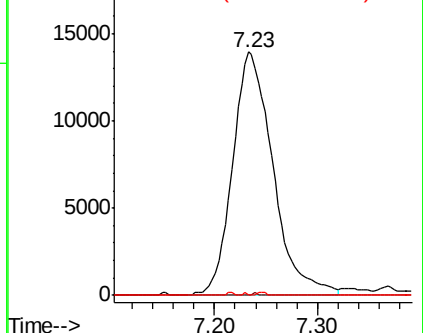
#29
Tetrahydrofuran
Concen: 20.118 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.4	44.0#
71	0.1	27.8	41.6#

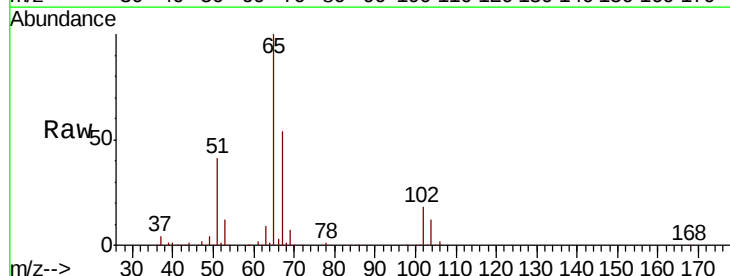


Abundance Ion 42.00 (41.70 to 42.70): VN055088.D (-1698) (-)

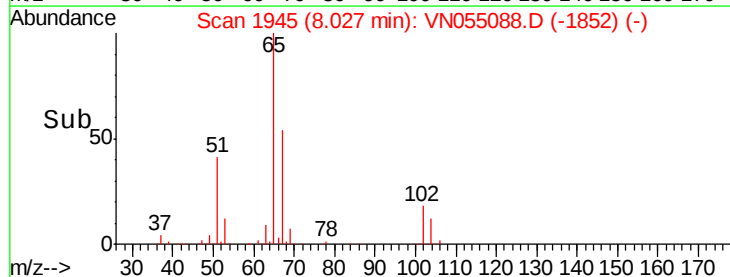
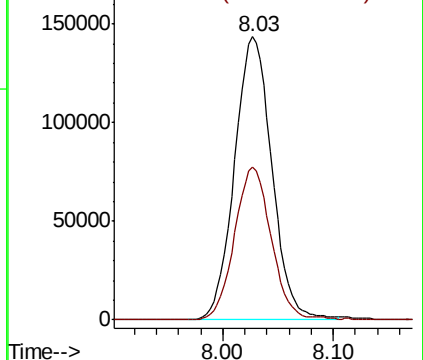


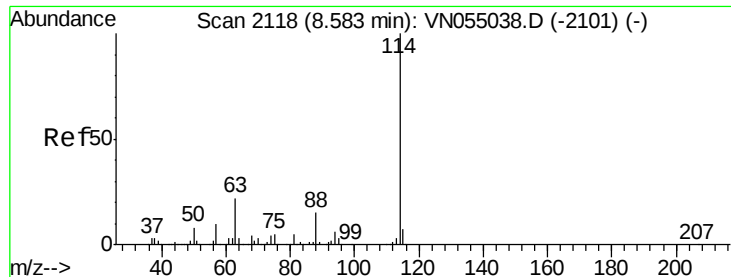
#33
1,2-Dichloroethane-d4
Concen: 47.315 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.4



Abundance Ion 64.90 (64.60 to 65.60): VN055088.D (-1945) (-)

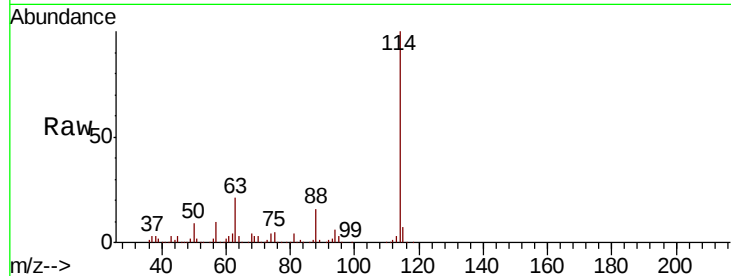




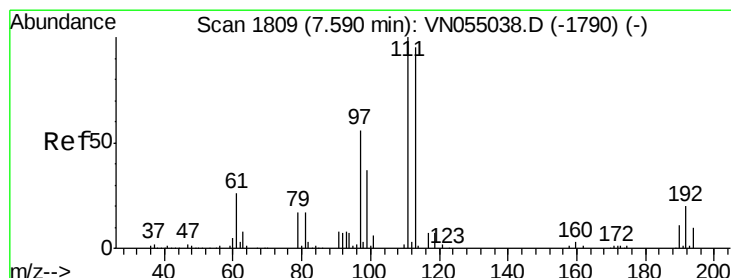
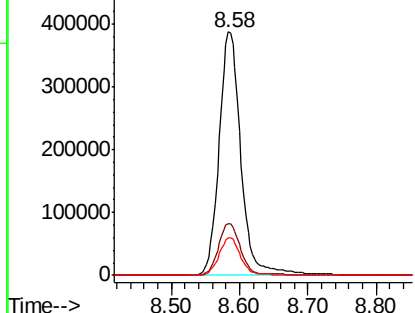
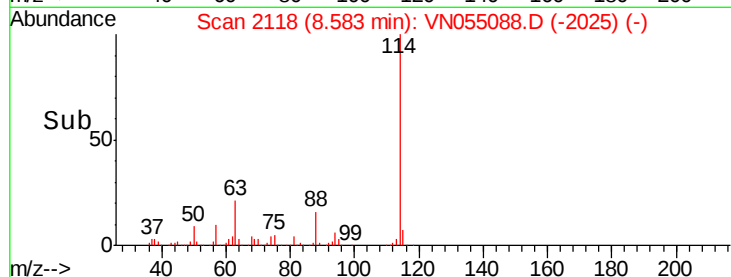
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055088.D
 Acq: 16 Apr 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	45.2
88	15.6	0.0	31.8

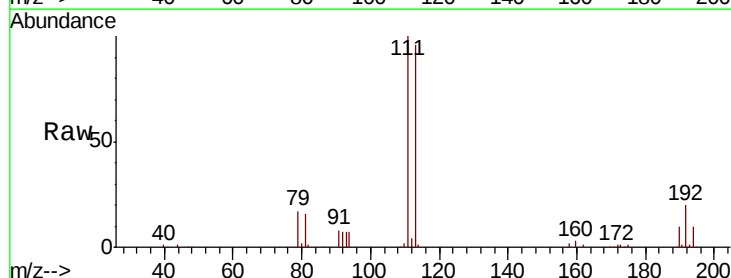


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

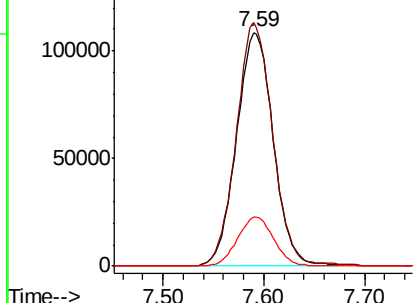
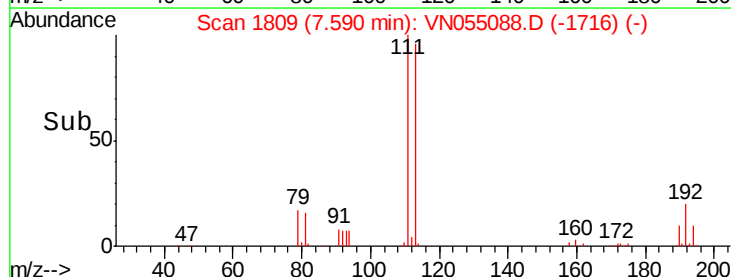


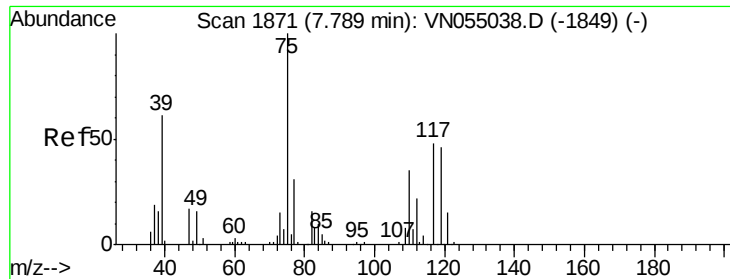
#35
 Dibromofluoromethane
 Concen: 47.552 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055088.D
 Acq: 16 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.1	123.1
192	20.8	16.5	24.7



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

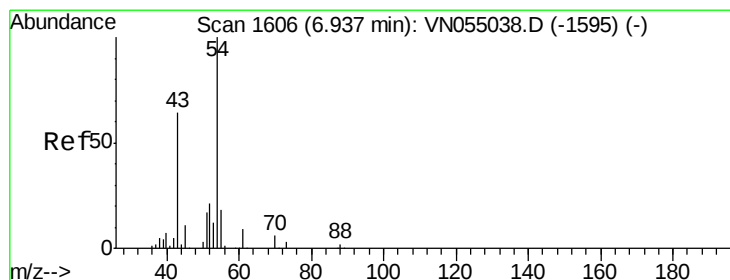
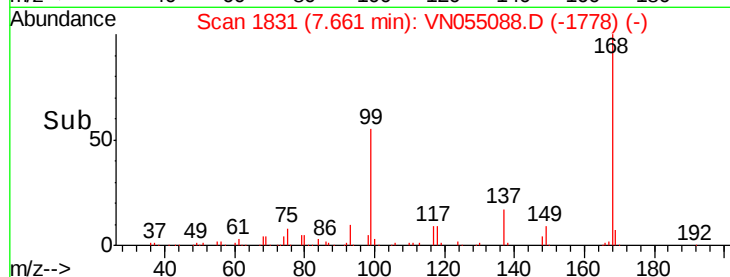
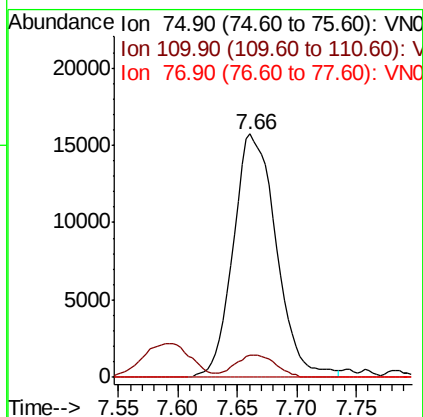
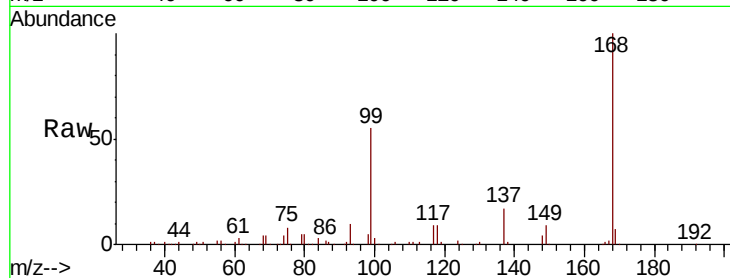




#36
 1,1-Dichloropropene
 Concen: 4.863 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055088.D
 Acq: 16 Apr 2019 19:31

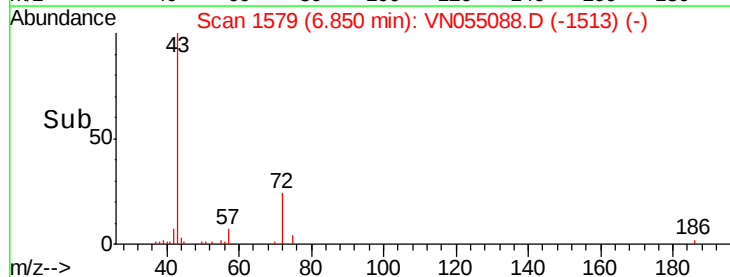
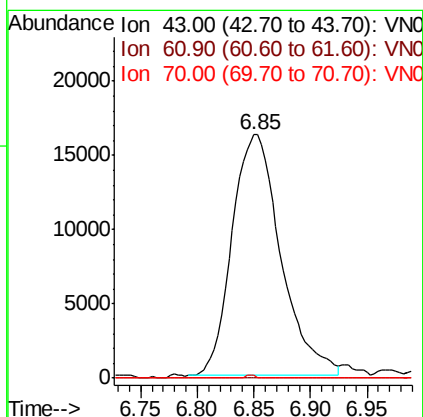
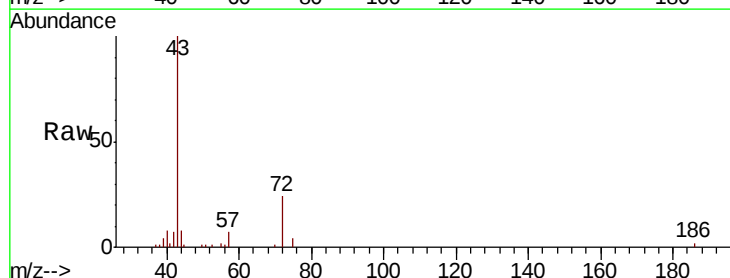
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-1

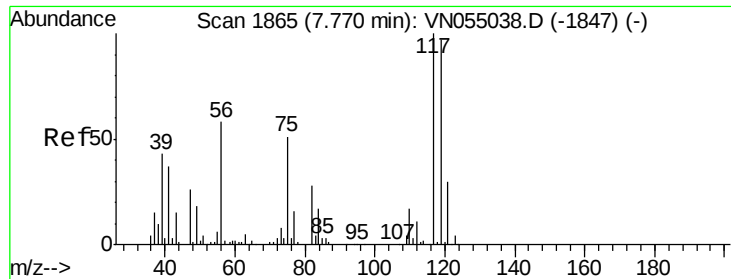
Tot Ion: 75 Resp: 39547
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.5 52.5#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 7.373 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. -0.09 min
 Lab File: VN055088.D
 Acq: 16 Apr 2019 19:31

Tgt Ion: 43 Resp: 48815
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.0 15.0#
 70 0.2 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 6.558 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

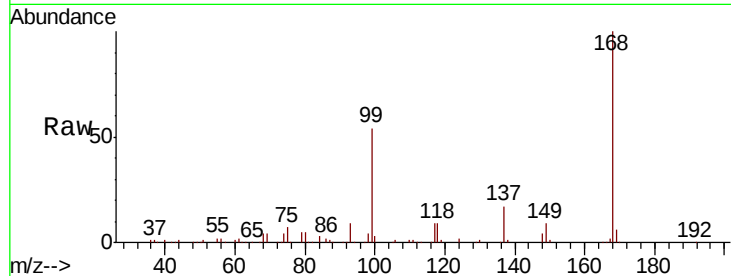
Tot Ion:117 Resp: 50738

Ion Ratio Lower Upper

117 100

119 5.5 76.3 114.5#

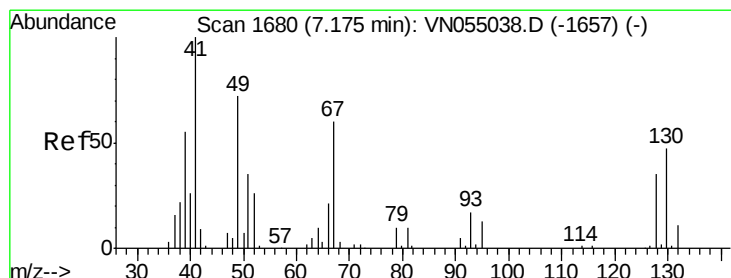
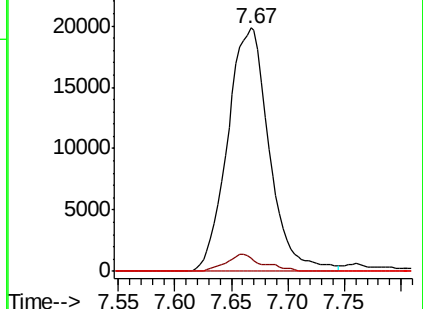
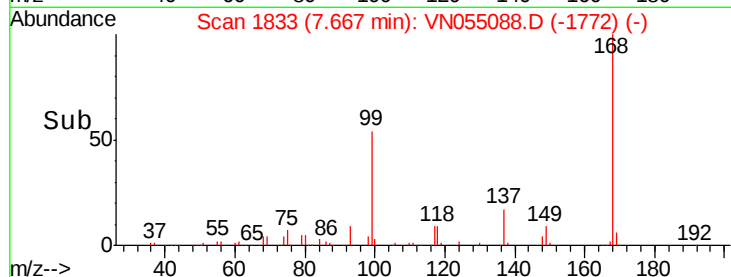
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 3.871 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.06 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Tgt Ion: 41 Resp: 14227

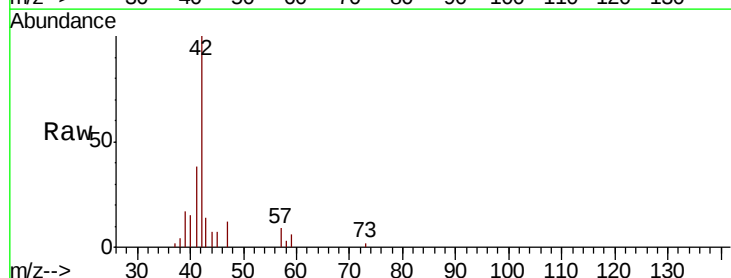
Ion Ratio Lower Upper

41 100

39 54.2 45.6 68.4

67 0.0 57.0 85.6#

52 0.0 23.6 35.4#

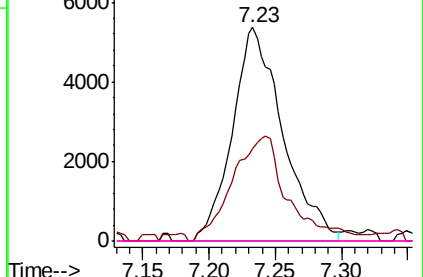
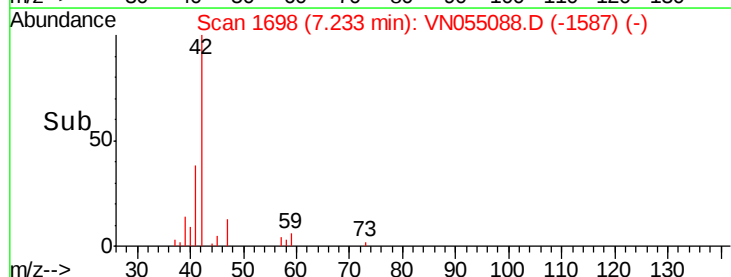


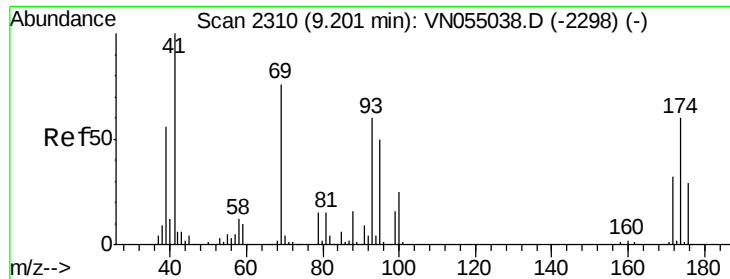
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO

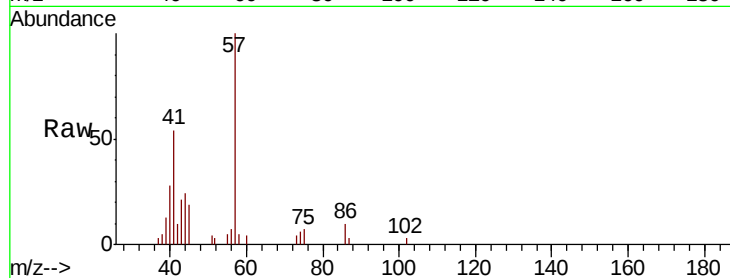




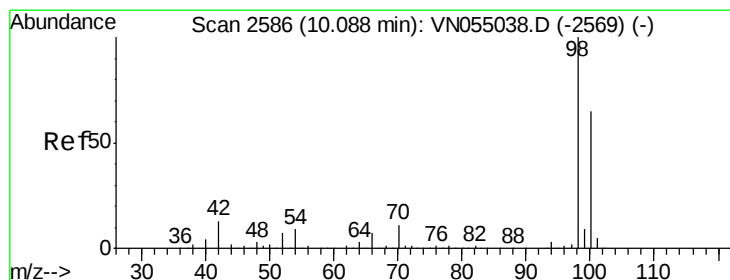
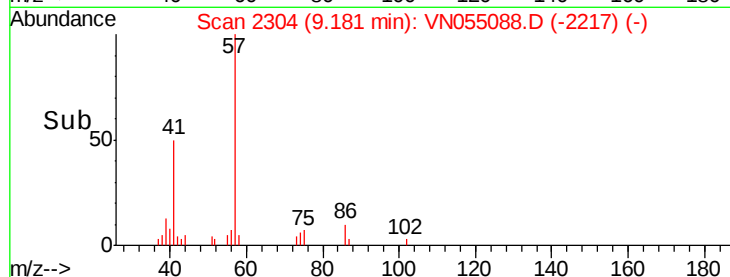
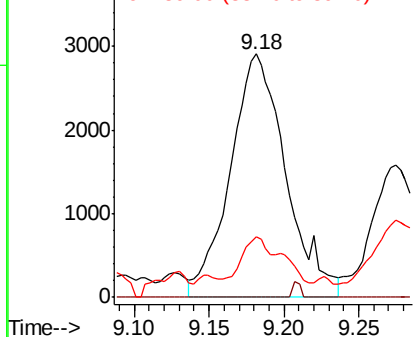
#48
Methvl methacrylate
Concen: 1.487 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

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

Tot Ion: 41 Resp: 7519
Ion Ratio Lower Upper
41 100
69 0.0 60.5 90.7#
39 16.2 43.9 65.9#

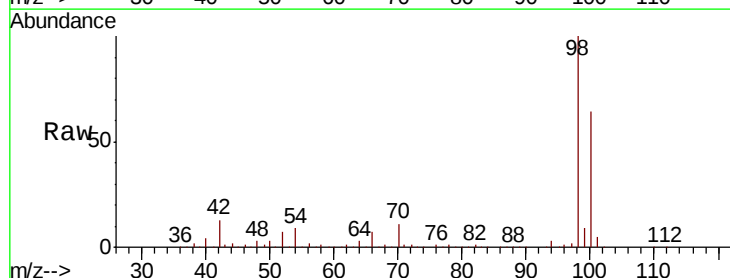


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

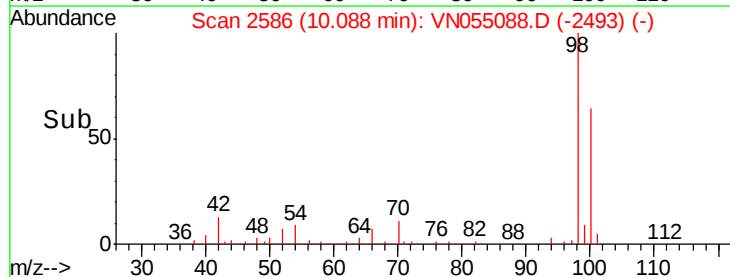
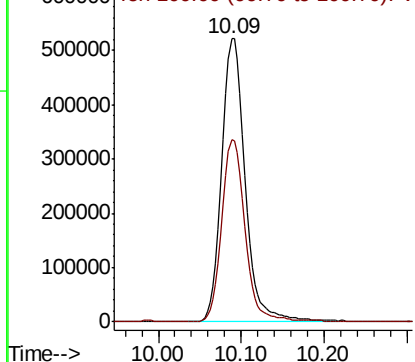


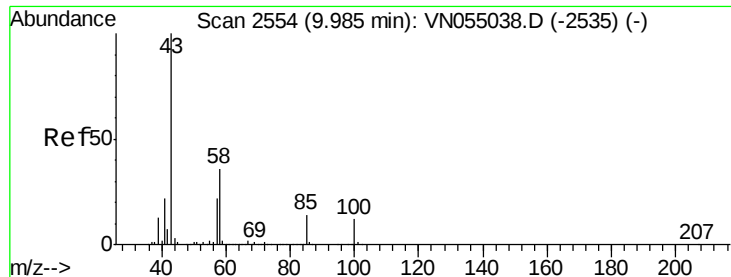
#50
Toluene-d8
Concen: 49.718 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

Tgt Ion: 98 Resp: 1025859
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

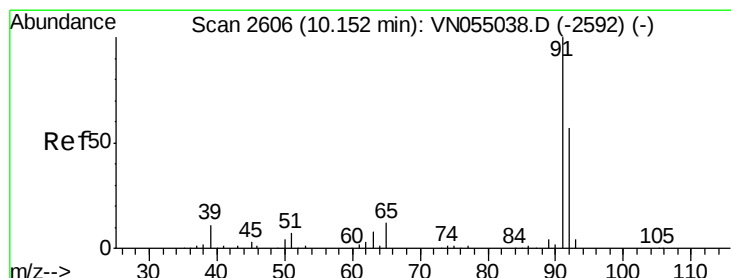
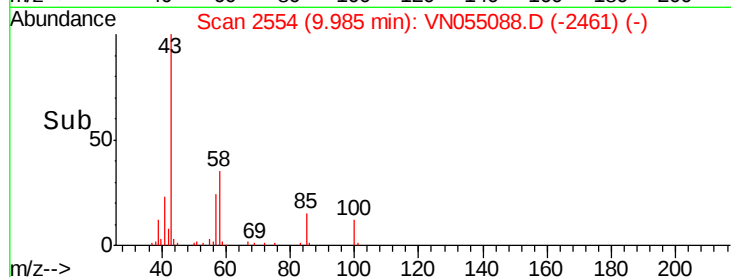
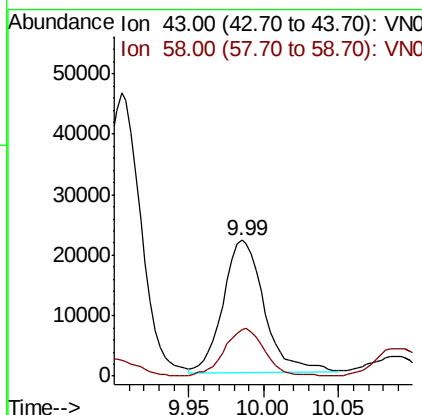
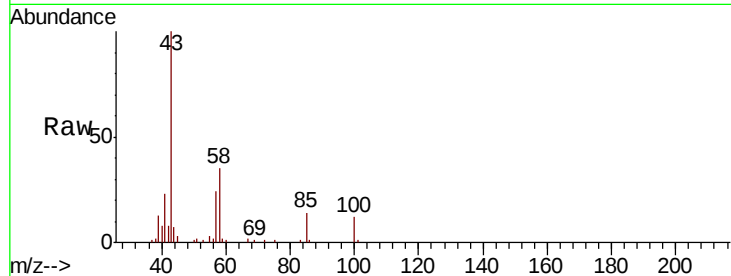




#51
 4-Methyl-2-Pentanone
 Concen: 7.159 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055088.D
 Acq: 16 Apr 2019 19:31

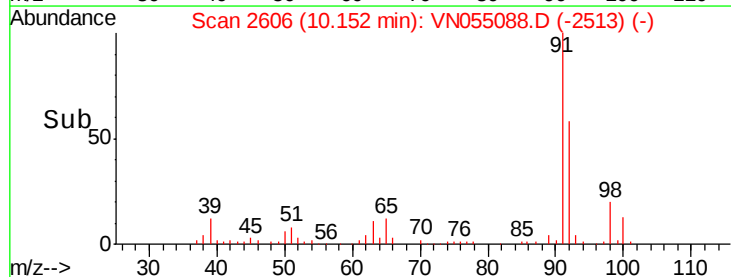
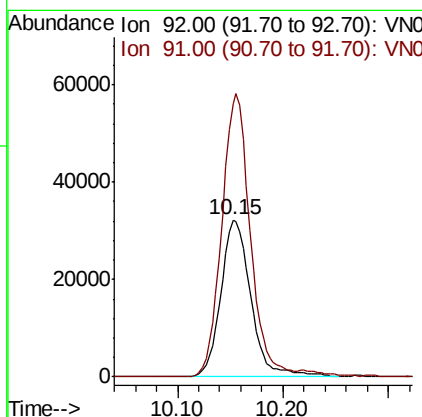
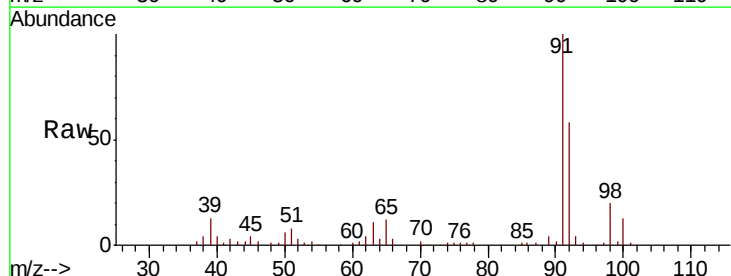
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR-1

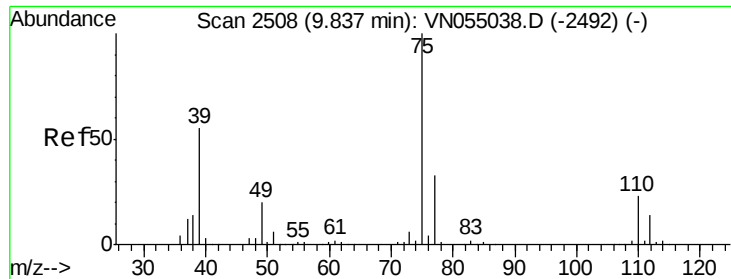
Tot Ion: 43 Resp: 42189
 Ion Ratio Lower Upper
 43 100
 58 35.1 29.0 43.4



#52
 Toluene
 Concen: 4.534 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN055088.D
 Acq: 16 Apr 2019 19:31

Tgt Ion: 92 Resp: 63640
 Ion Ratio Lower Upper
 92 100
 91 170.2 140.8 211.2





#54

cis-1,3-Dichloropropene

Concen: 3.794 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

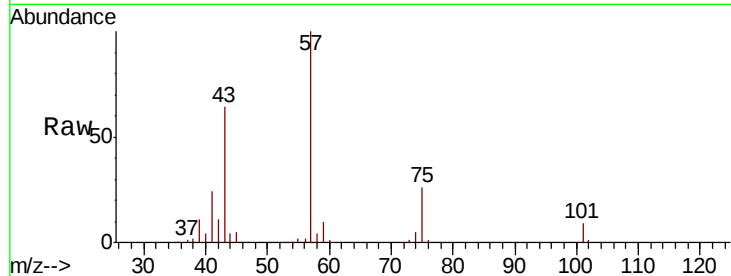
Tot Ion: 75 Resp: 33006

Ion Ratio Lower Upper

75 100

77 1.0 25.8 38.6#

39 43.0 43.8 65.8#

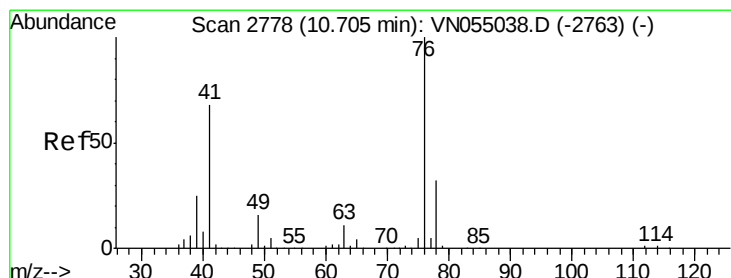
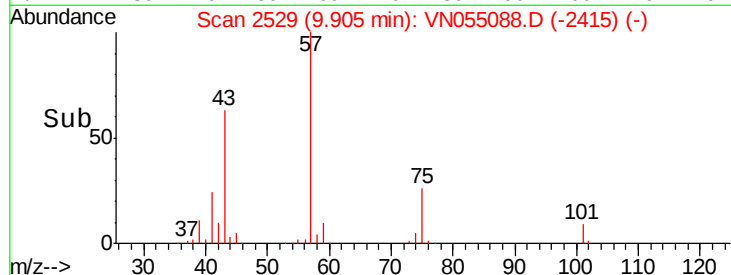
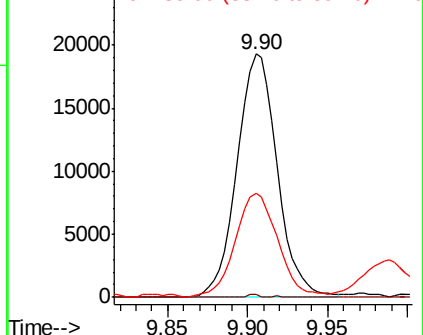


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.367 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055088.D

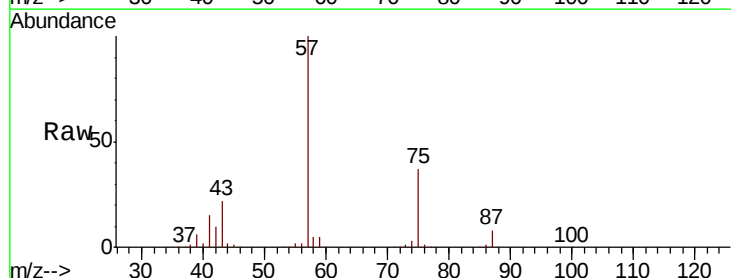
Acq: 16 Apr 2019 19:31

Tgt Ion: 76 Resp: 3381

Ion Ratio Lower Upper

76 100

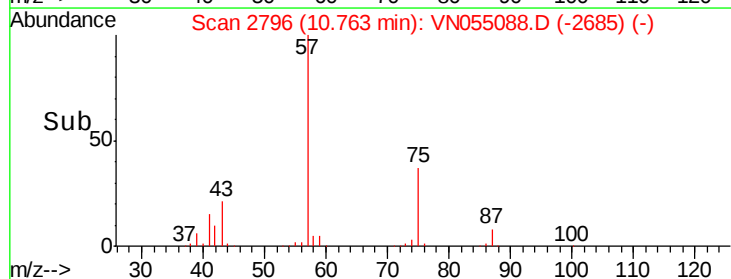
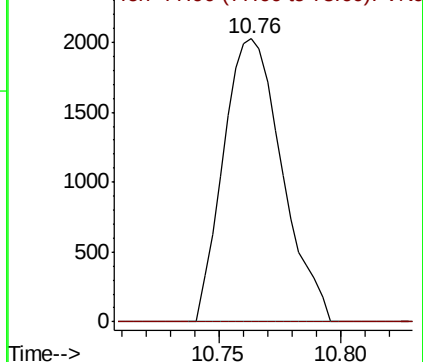
78 0.0 25.6 38.4#

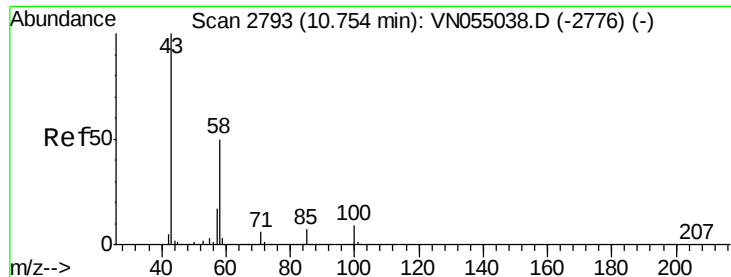


Abundance

Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

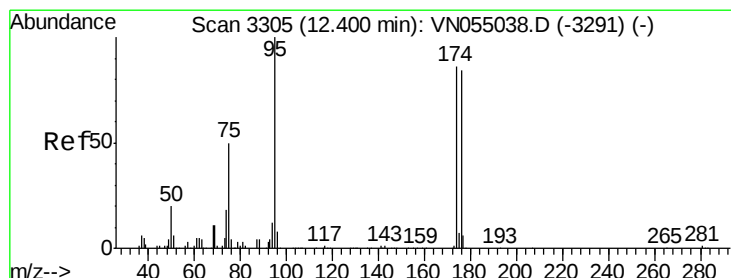
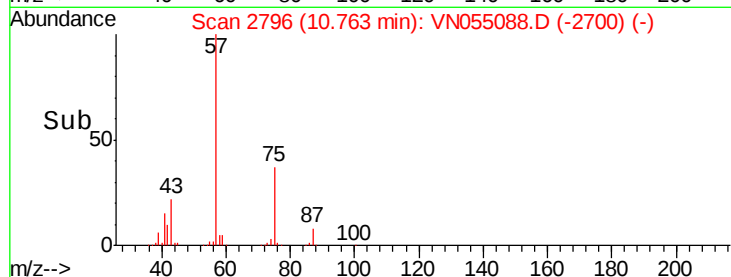
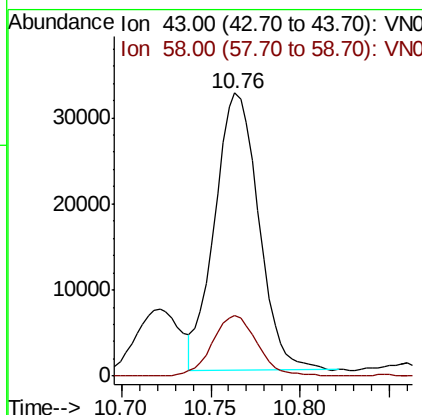
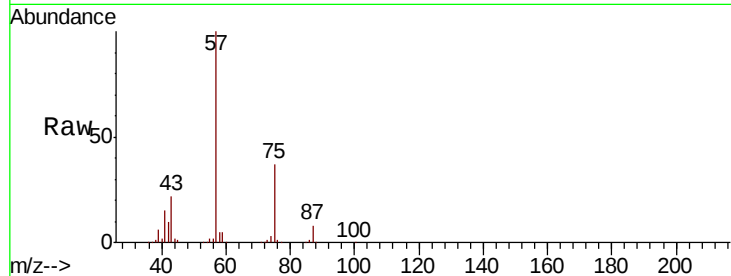




#59
2-Hexanone
Concen: 14.836 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

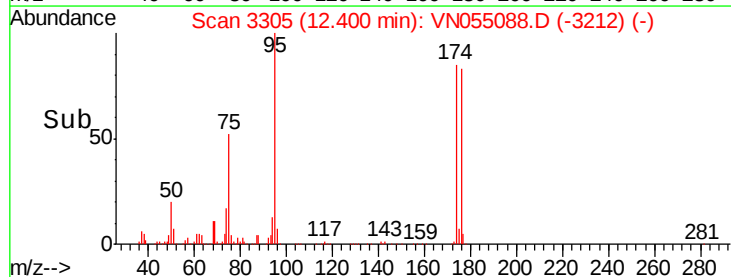
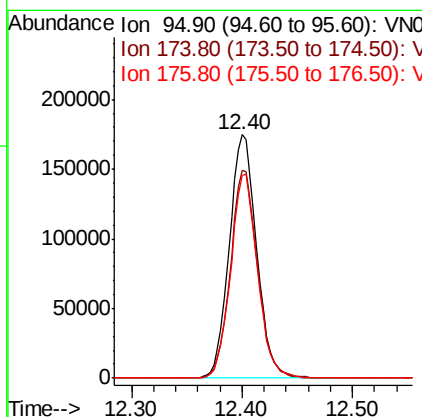
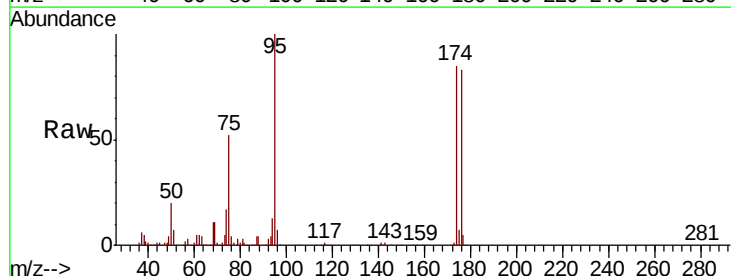
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-1

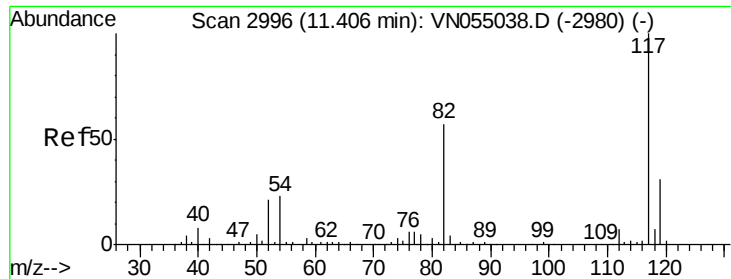
Tot Ion: 43 Resp: 54918
Ion Ratio Lower Upper
43 100
58 22.5 25.1 75.2#



#62
4-Bromofluorobenzene
Concen: 44.845 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

Tgt Ion: 95 Resp: 300823
Ion Ratio Lower Upper
95 100
174 84.6 0.0 174.4
176 81.9 0.0 166.8

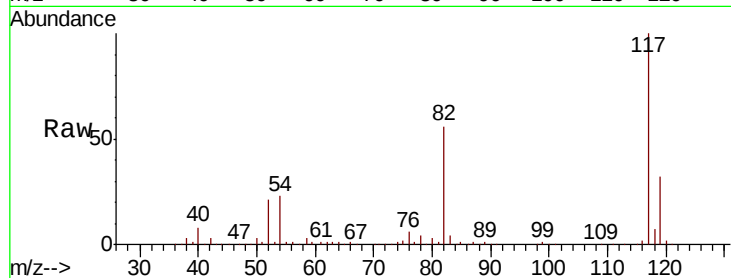




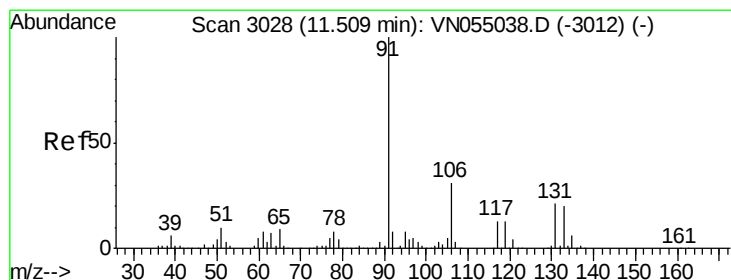
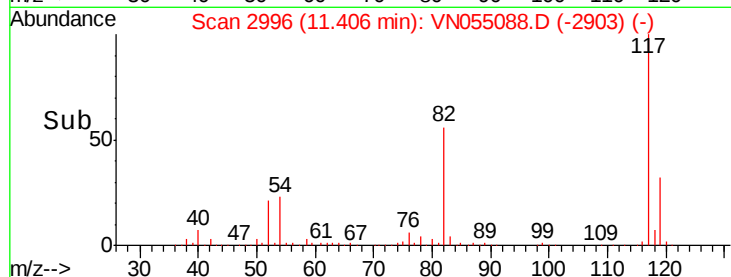
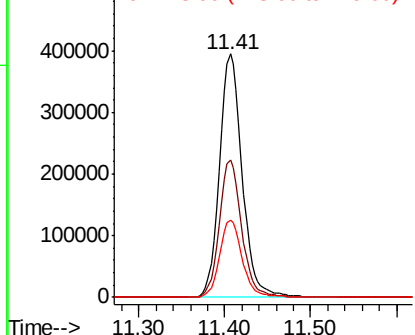
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

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

Tot Ion:117 Resp: 724219
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 31.7 25.5 38.3

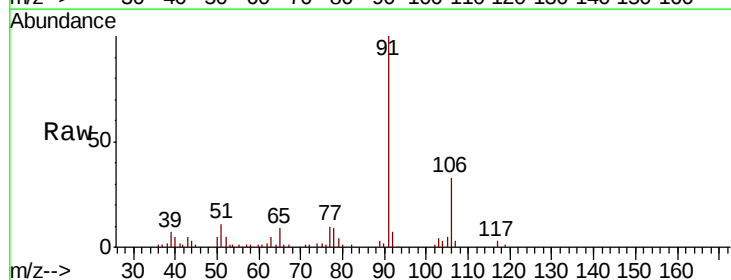


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

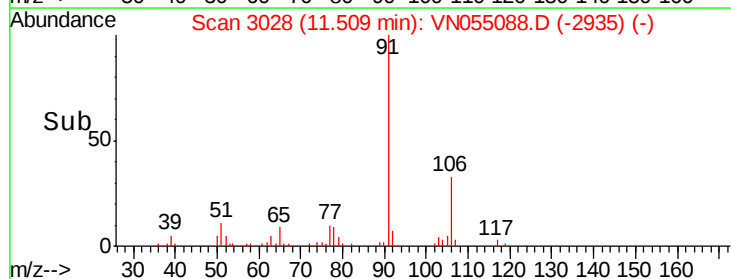
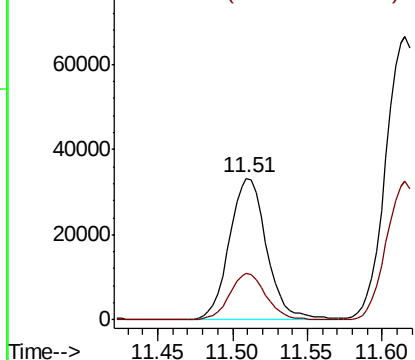


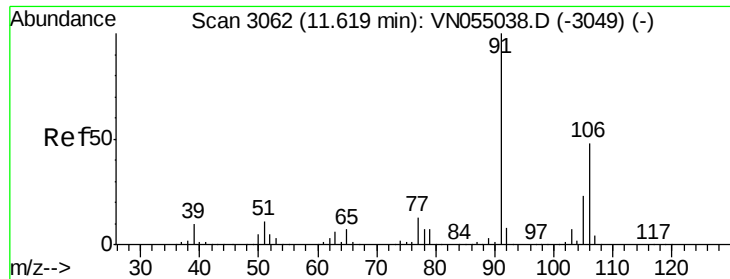
#67
Ethyl Benzene
Concen: 2.222 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

Tgt Ion: 91 Resp: 57853
Ion Ratio Lower Upper
91 100
106 33.1 24.3 36.5



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

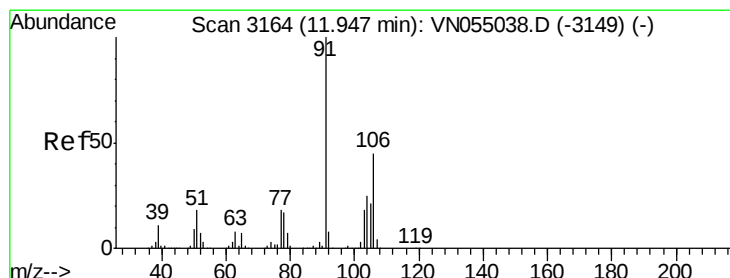
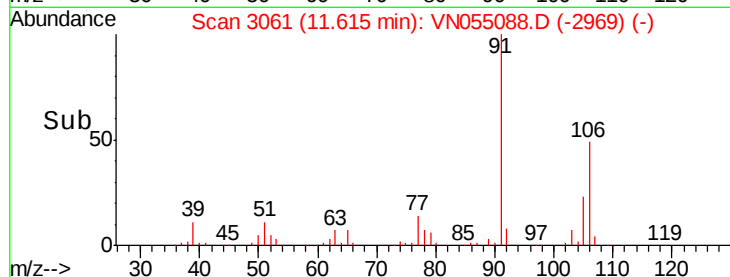
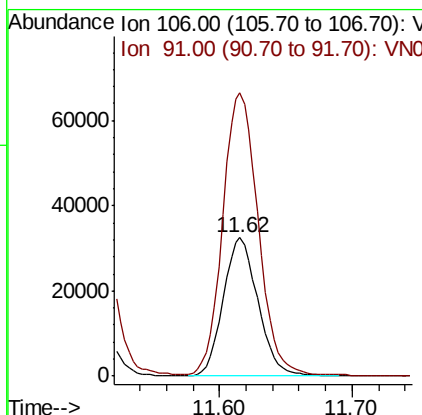
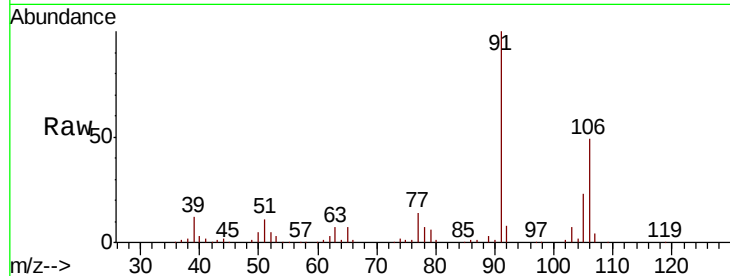




#68
m/p-Xylenes
Concen: 6.296 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

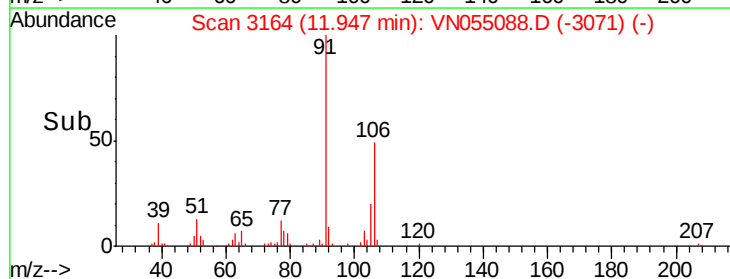
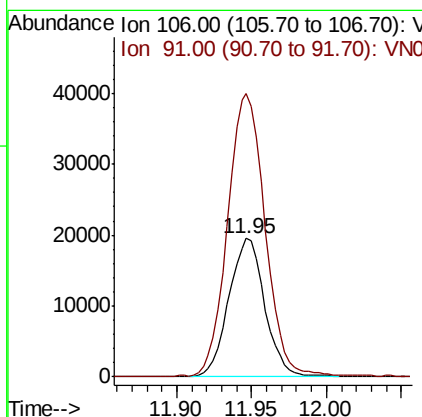
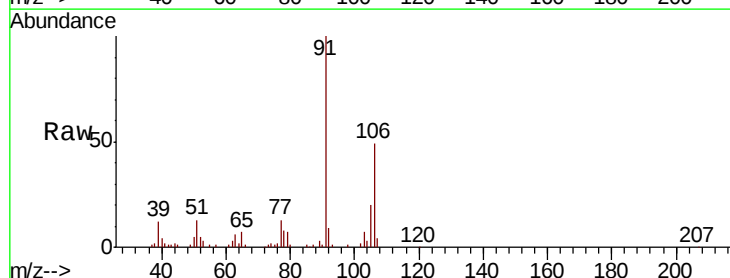
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR-1

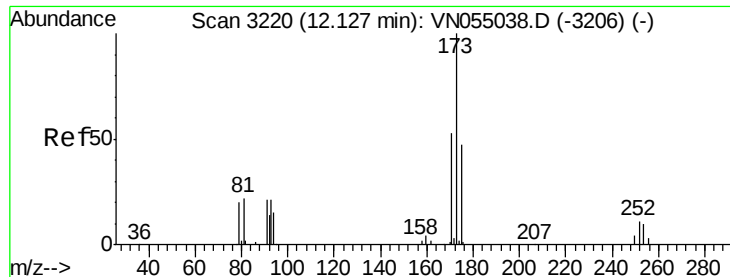
Tot Ion:106 Resp: 59354
Ion Ratio Lower Upper
106 100
91 206.4 165.9 248.9



#69
o-Xylene
Concen: 3.573 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055088.D
Acq: 16 Apr 2019 19:31

Tgt Ion:106 Resp: 32626
Ion Ratio Lower Upper
106 100
91 214.4 109.9 329.8





#71

Bromoform

Concen: 0.942 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

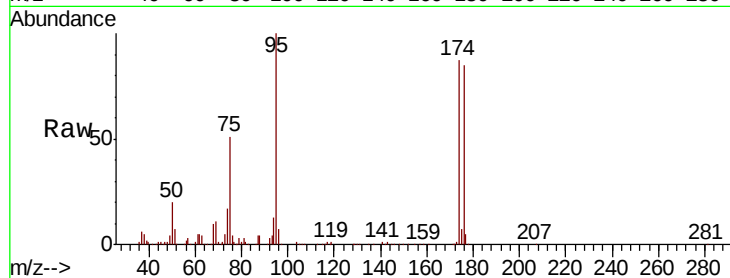
Tot Ion:173 Resp: 2895

Ion Ratio Lower Upper

173 100

175 592.6 24.3 73.0#

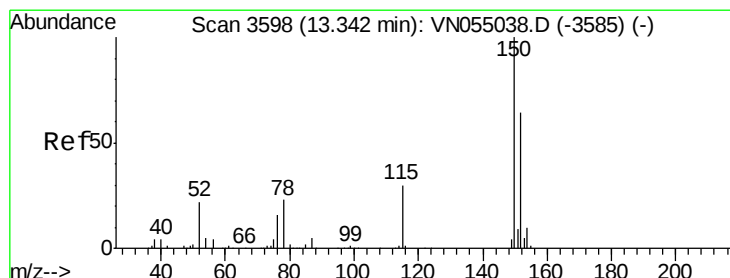
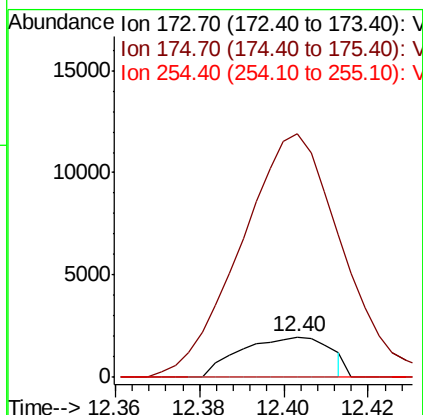
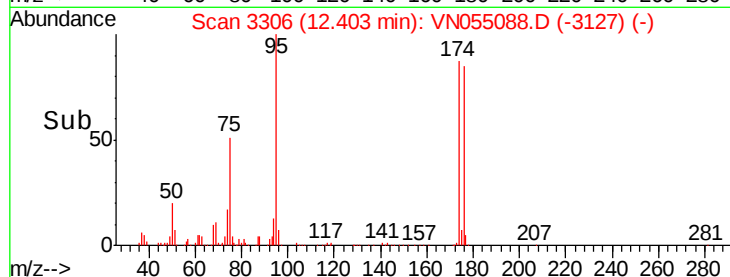
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

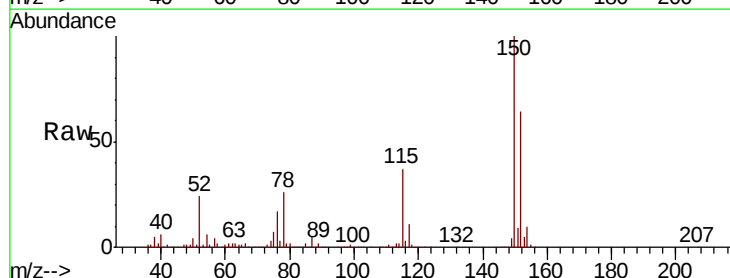
Tgt Ion:152 Resp: 241679

Ion Ratio Lower Upper

152 100

115 58.3 28.5 85.6

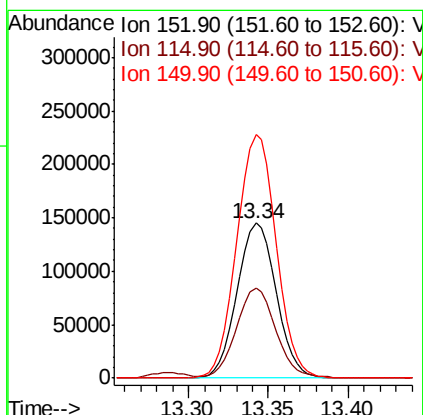
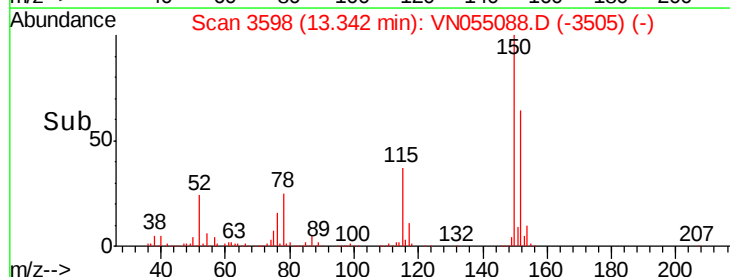
150 158.3 0.0 347.2

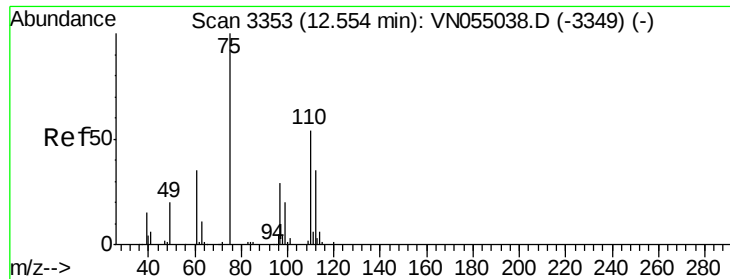


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 35.373 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

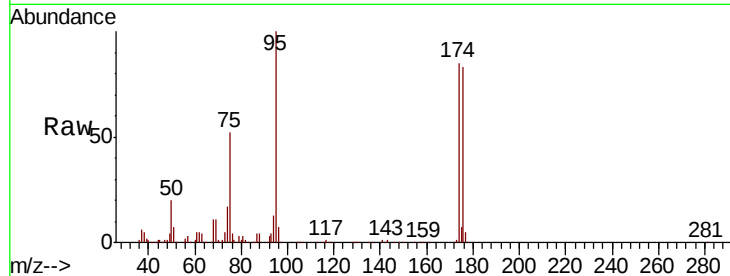
OIL-WATER-SEPARATOR-1

Tot Ion: 75 Resp: 153729

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

100000

80000

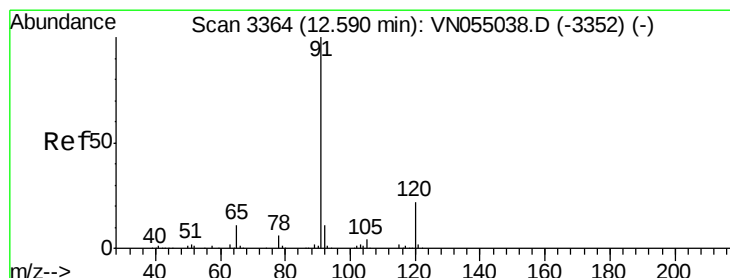
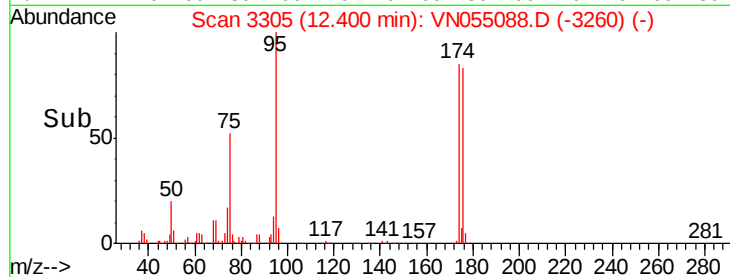
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.306 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055088.D

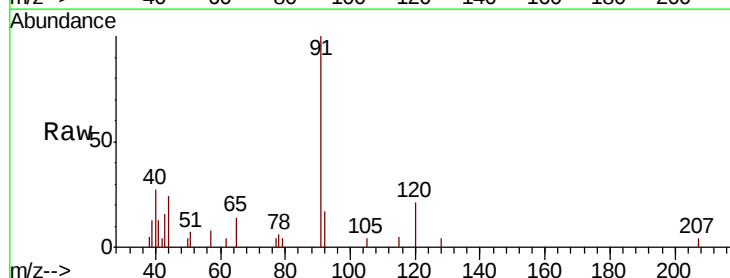
Acq: 16 Apr 2019 19:31

Tgt Ion: 91 Resp: 7100

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

6000

5000

4000

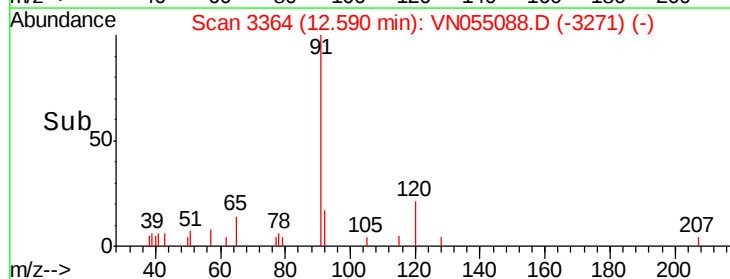
3000

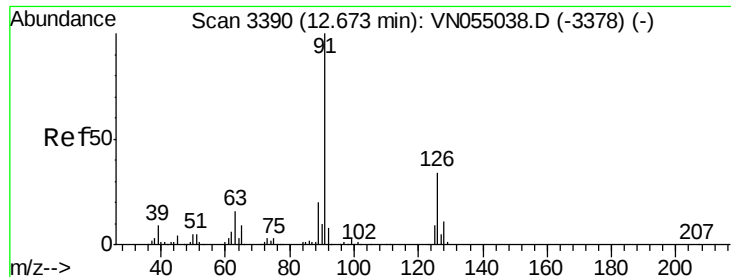
2000

1000

0

Time--> 12.55 12.60





#79

2-Chlorotoluene

Concen: 0.289 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

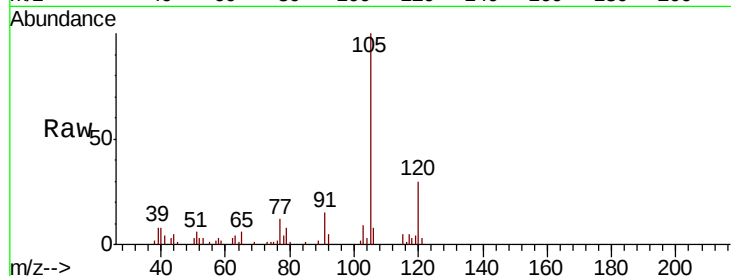
OIL-WATER-SEPARATOR-1

Tot Ion: 91 Resp: 4181

Ion Ratio Lower Upper

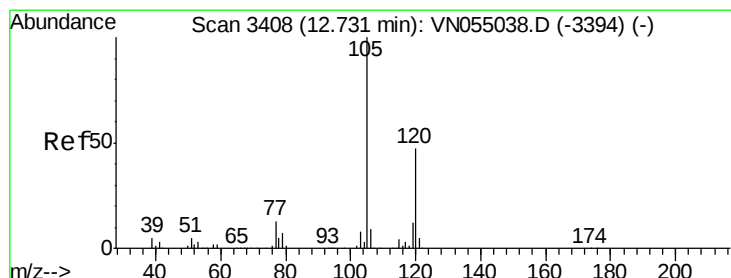
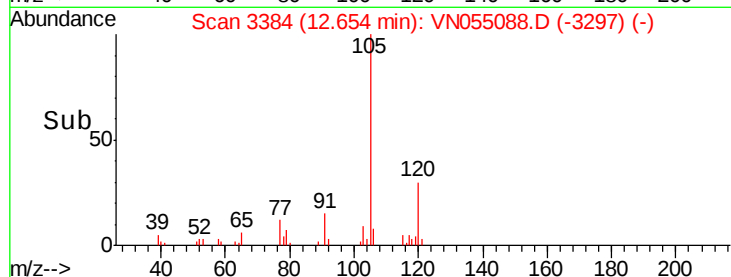
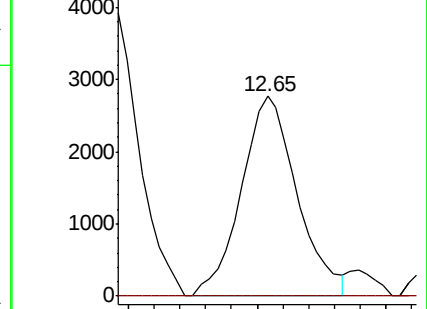
91 100

126 0.0 17.1 51.2#



Abundance Ion 91.00 (90.70 to 91.70): VN055088.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN055088.D (-3390) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.382 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055088.D

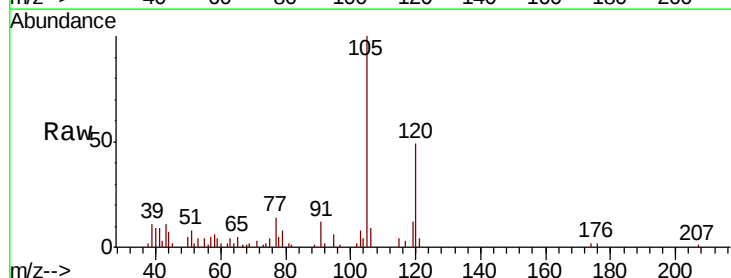
Acq: 16 Apr 2019 19:31

Tgt Ion:105 Resp: 23922

Ion Ratio Lower Upper

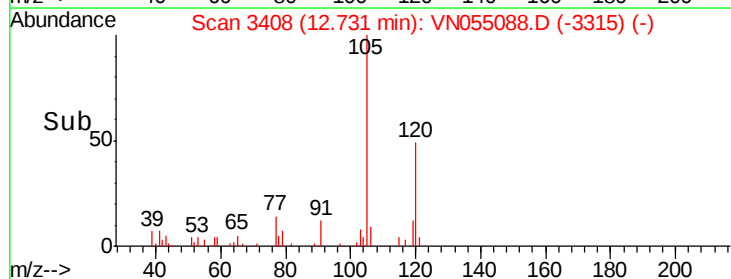
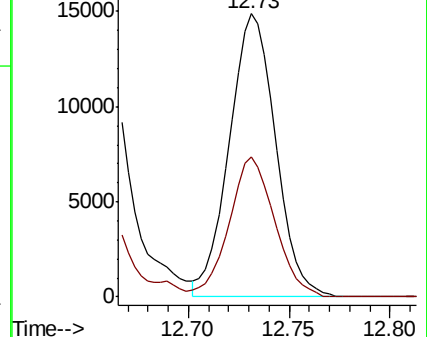
105 100

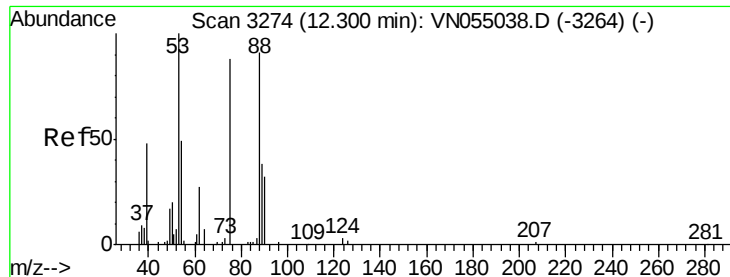
120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN055088.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN055088.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 141.450 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR-1

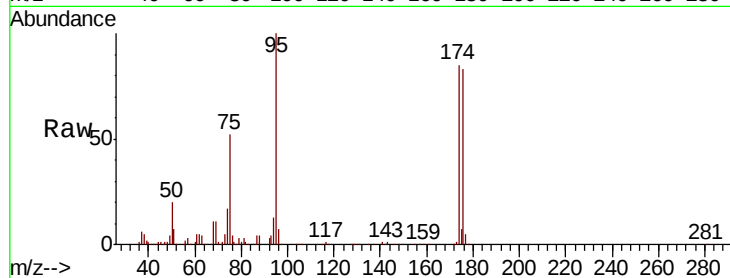
Tot Ion: 75 Resp: 153729

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

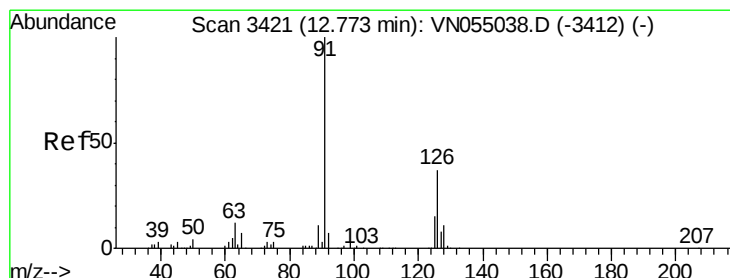
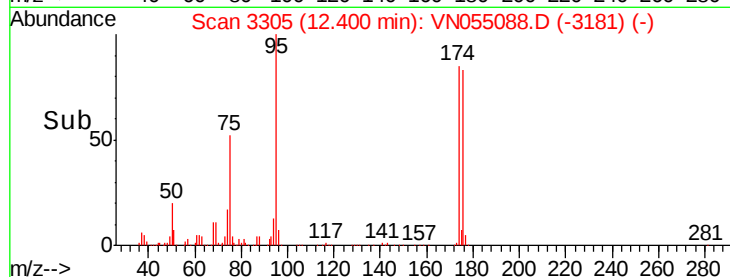
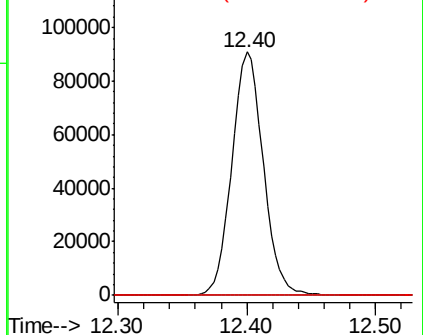
89 0.0 38.6 57.8#



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: 0.246 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN055088.D

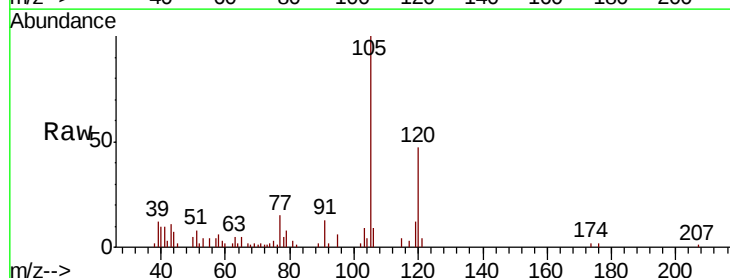
Acq: 16 Apr 2019 19:31

Tgt Ion: 91 Resp: 3316

Ion Ratio Lower Upper

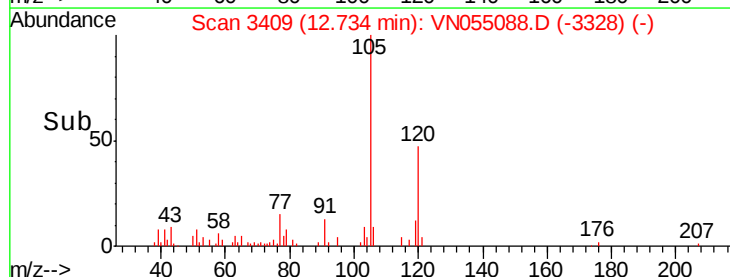
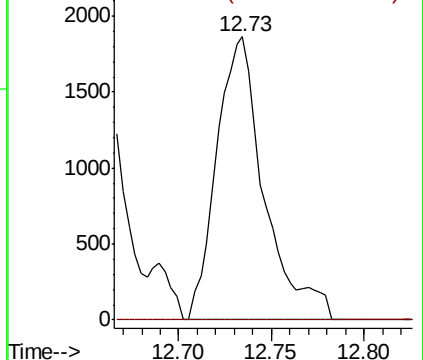
91 100

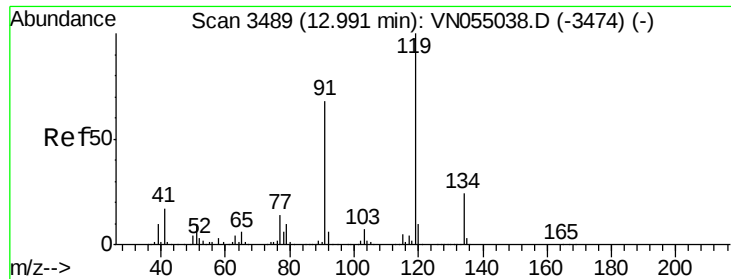
126 0.0 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

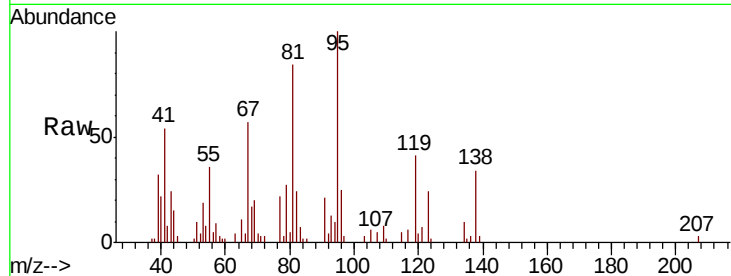




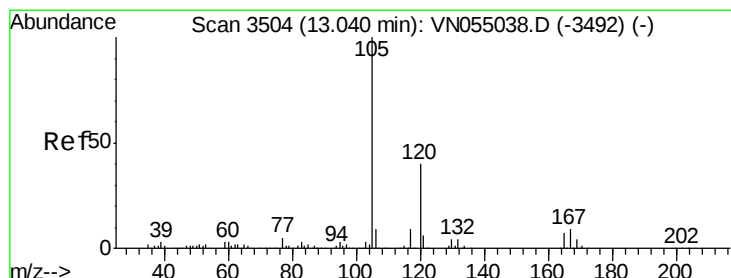
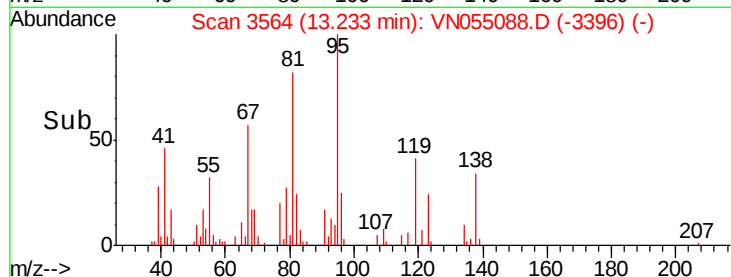
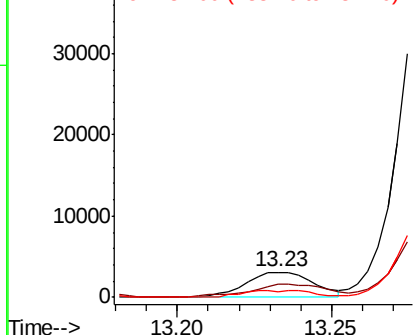
#83
 tert-Butylbenzene
 Concen: 0.323 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. 0.24 min
 Lab File: VN055088.D
 Acq: 16 Apr 2019 19:31

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

Tot Ion:119 Resp: 4723
 Ion Ratio Lower Upper
 119 100
 91 59.3 33.3 99.8
 134 28.2 12.3 36.9

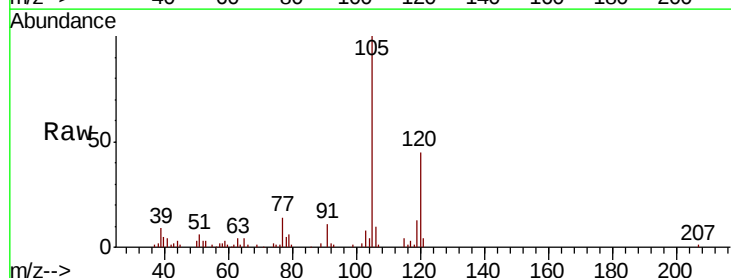


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

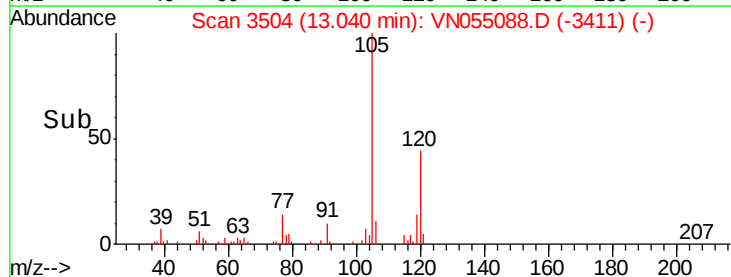
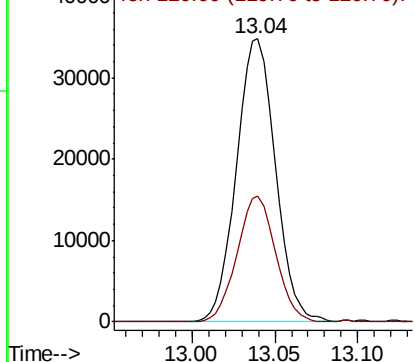


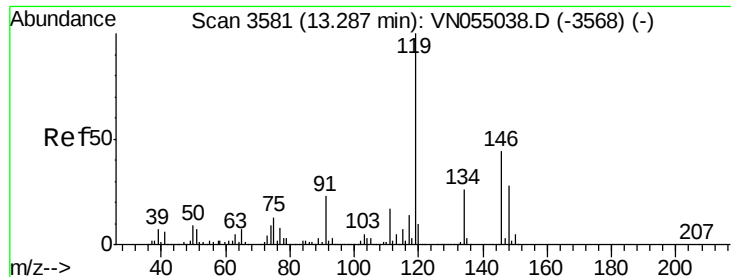
#84
 1,2,4-Trimethylbenzene
 Concen: 3.482 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055088.D
 Acq: 16 Apr 2019 19:31

Tgt Ion:105 Resp: 57103
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.3



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





#86

p-Isopropyltoluene

Concen: 6.535 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

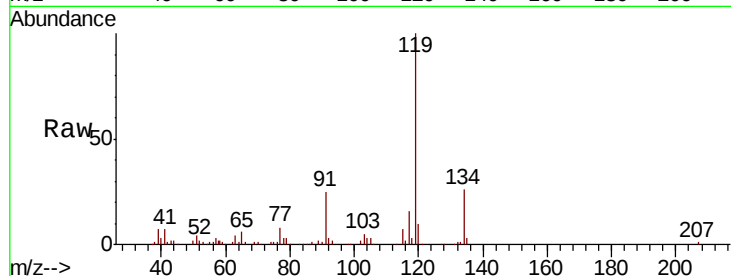
Tot Ion:119 Resp: 104417

Ion Ratio Lower Upper

119 100

134 25.4 13.2 39.5

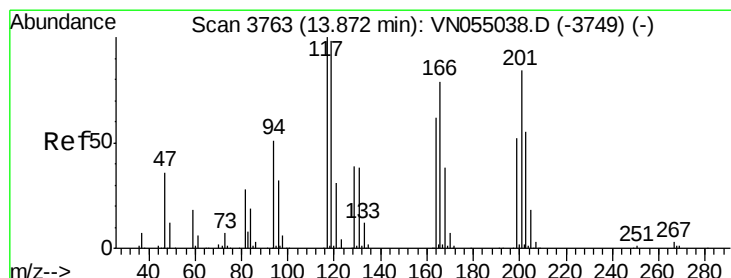
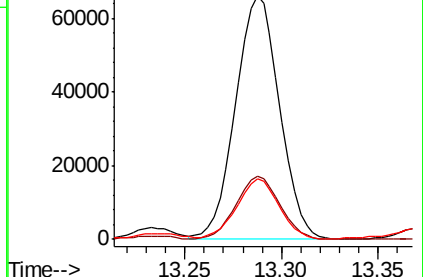
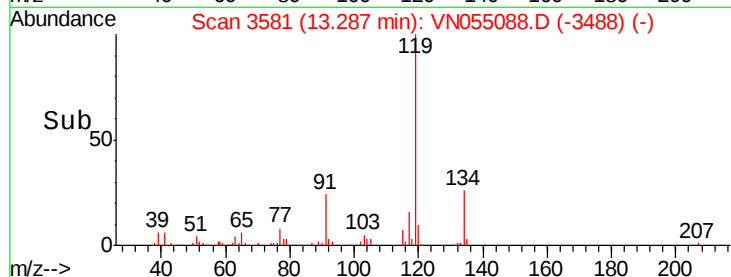
91 23.5 11.7 35.1



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



#90

Hexachloroethane

Concen: 0.714 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055088.D

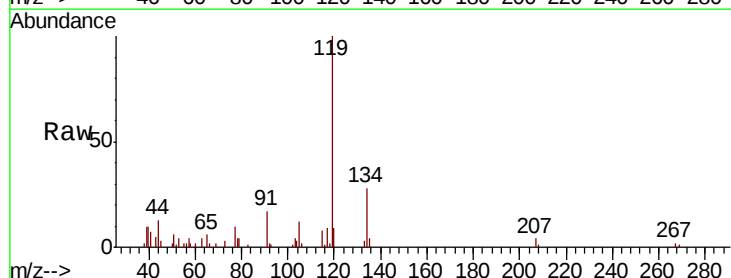
Acq: 16 Apr 2019 19:31

Tgt Ion:117 Resp: 1857

Ion Ratio Lower Upper

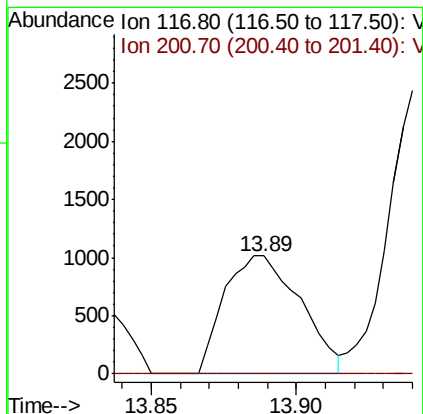
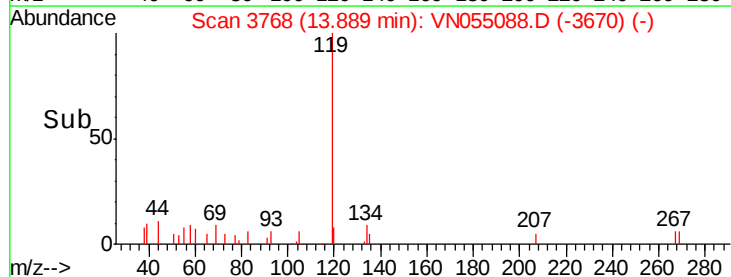
117 100

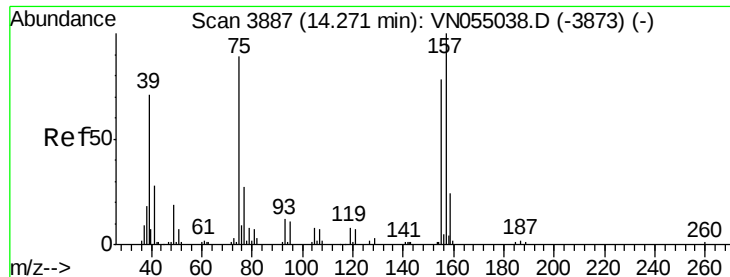
201 0.0 43.4 130.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.209 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-1

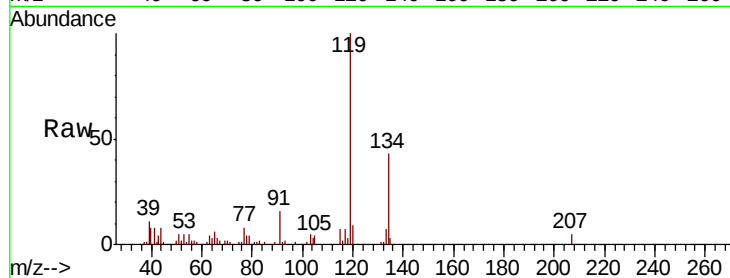
Tot Ion: 75 Resp: 148

Ion Ratio Lower Upper

75 100

155 0.0 42.0 126.0#

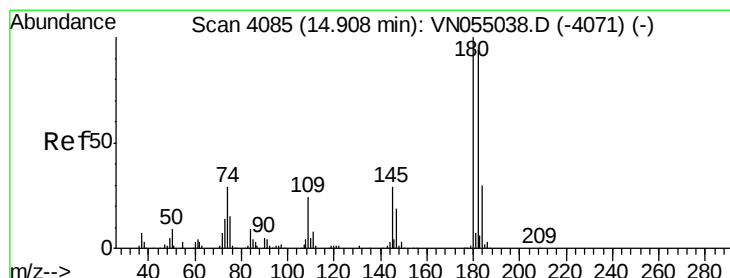
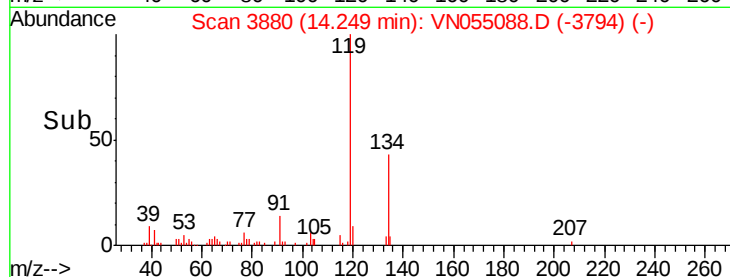
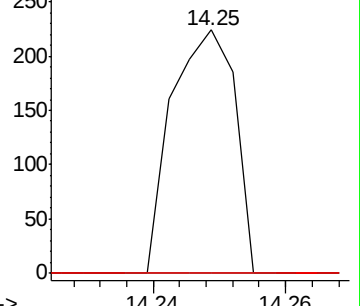
157 0.0 52.1 156.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 2.753 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

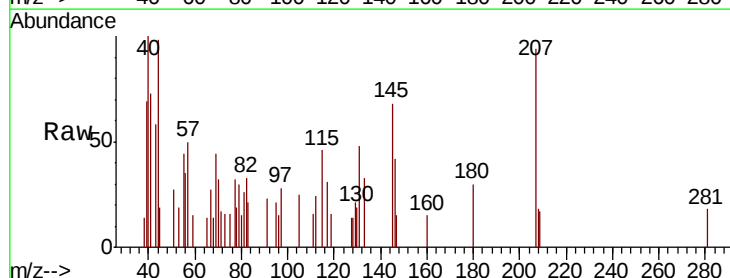
Tgt Ion: 180 Resp: 296

Ion Ratio Lower Upper

180 100

182 20.6 47.5 142.6#

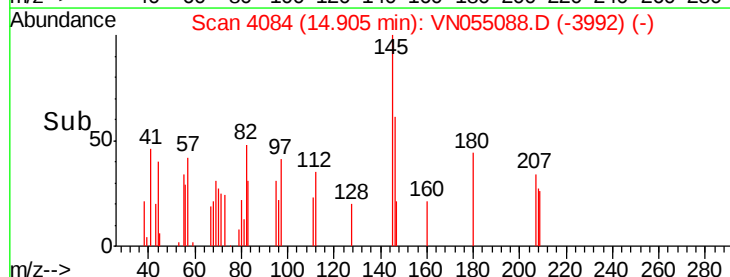
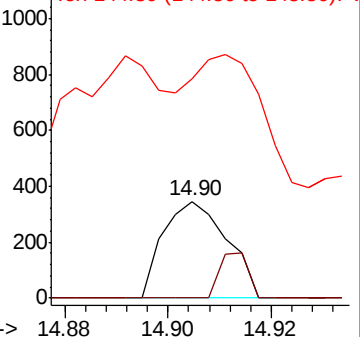
145 0.0 14.2 42.8#

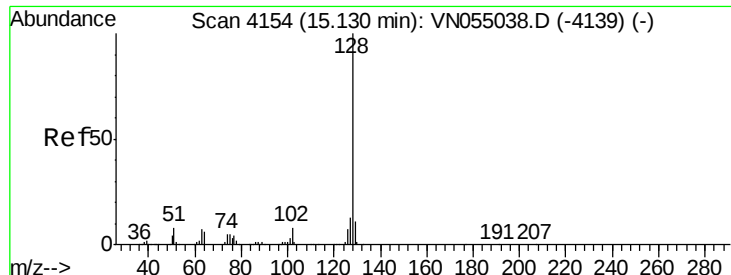


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.060 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055088.D

Acq: 16 Apr 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR-1

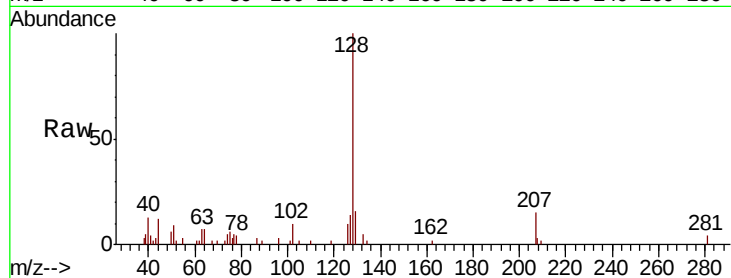
Tot Ion:128 Resp: 18295

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 12.8 8.8 13.2



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

