

Data File : VN055655.D
Acq On : 18 May 2019 10:01
Operator : JC/SP
Sample : K2899-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Quant Time: May 20 02:20:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	399672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	579651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220672	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	190043	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	
35) Dibromofluoromethane	7.59	113	177771	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.09	98	667452	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	12.40	95	227240	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds			Qvalue			
11) Tert butyl alcohol	4.77	59	594	0.727	ug/l #	74
13) Acrolein	3.61	56	555	2.687	ug/l #	1
16) Acetone	3.82	43	78755	44.048	ug/l	96
17) Carbon Disulfide	4.06	76	5327	0.525	ug/l	100
18) Methyl Acetate	4.33	43	1983	0.517	ug/l #	50
20) Methylene Chloride	4.56	84	5762	1.412	ug/l	95
25) 2-Butanone	6.84	43	27602	11.041	ug/l	97
29) Tetrahydrofuran	7.22	42	1535	0.927	ug/l #	66
31) Cyclohexane	7.67	56	6068	0.934	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24052	4.654	ug/l #	48
37) Ethyl Acetate	6.84	43	27602	5.919	ug/l #	67
38) Carbon Tetrachloride	7.67	117	32828	5.944	ug/l #	15
43) Isopropyl Acetate	8.18	43	18976	2.339	ug/l #	77
48) Methyl methacrylate	9.18	41	6958	1.919	ug/l #	25
51) 4-Methyl-2-Pentanone	9.99	43	30859	6.485	ug/l	88
52) Toluene	10.16	92	138362	14.512	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	1355	0.229	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	45377	7.006	ug/l #	57
56) Ethyl methacrylate	10.36	69	1591	0.260	ug/l #	90
57) 1,3-Dichloropropane	10.76	76	7792	1.253	ug/l #	42
59) 2-Hexanone	10.76	43	103590	30.921	ug/l #	51
67) Ethyl Benzene	11.51	91	8335	0.463	ug/l	97
68) m/p-Xylenes	11.62	106	4743	0.698	ug/l	97
69) o-Xylene	11.95	106	2573	0.387	ug/l	86
71) Bromoform	12.40	173	1549	0.450	ug/l #	1
73) Isopropylbenzene	12.25	105	1205	Below Cal	#	70
74) N-amyl acetate	12.03	43	3108	0.502	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.69	83	1099	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	104954	23.308	ug/l #	100
79) 2-Chlorotoluene	12.66	91	968	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2971	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	104954	59.916	ug/l #	17
82) 4-Chlorotoluene	12.81	91	3241	0.281	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.04	105	9895	Below Cal		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Quantitation Report (Not Reviewed)

Data File : VN055655.D
Acq On : 18 May 2019 10:01
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

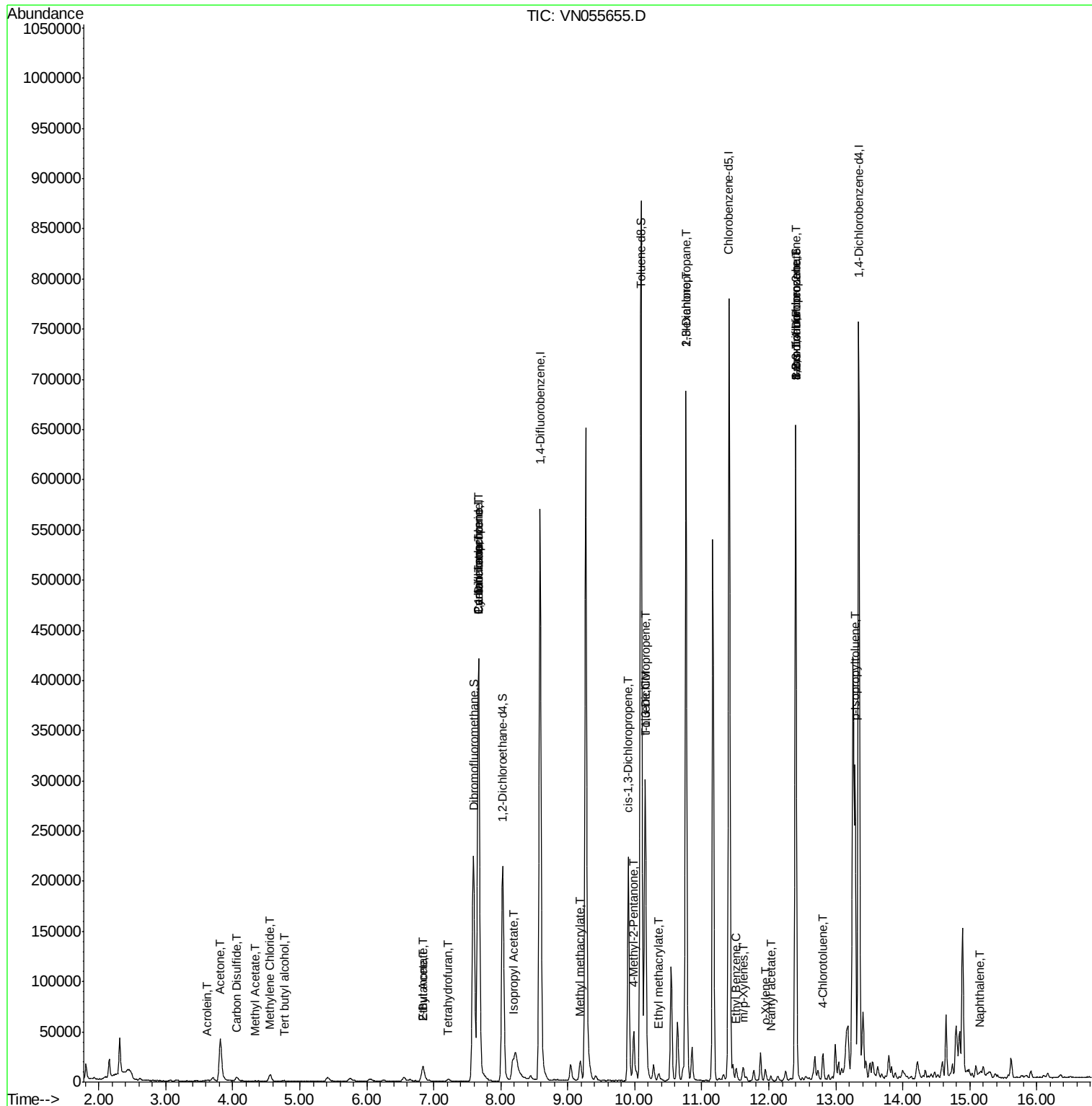
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.16	105	1641	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	186389	12.251	ug/l	99
90) Hexachloroethane	13.89	117	280	Below Cal	#	3
95) Naphthalene	15.13	128	5226	2.204	ug/l #	94

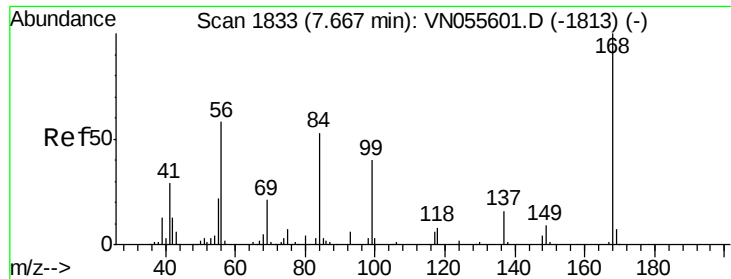
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

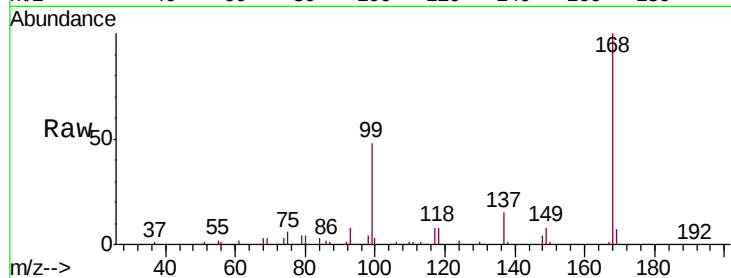
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion:168 Resp: 399672

Ion Ratio Lower Upper

168 100

99 48.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.67

150000

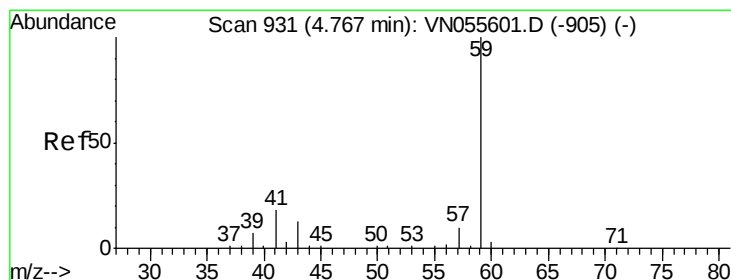
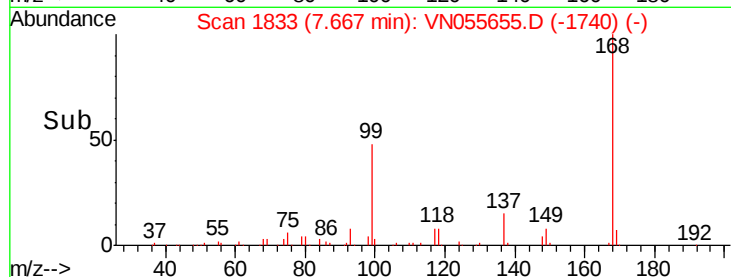
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.727 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.00 min

Lab File: VN055655.D

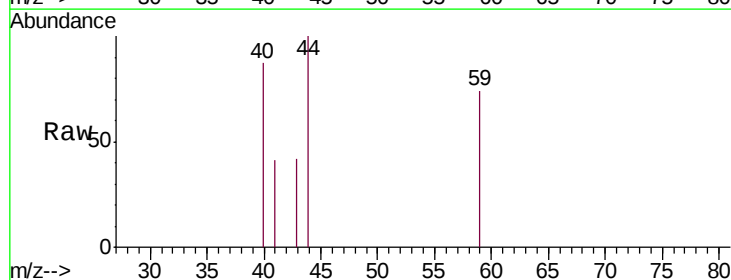
Acq: 18 May 2019 10:01

Tgt Ion: 59 Resp: 594

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055601.D (-905) (-)

Ion 57.00 (56.70 to 57.70): VN055601.D (-905) (-)

4.77

400

300

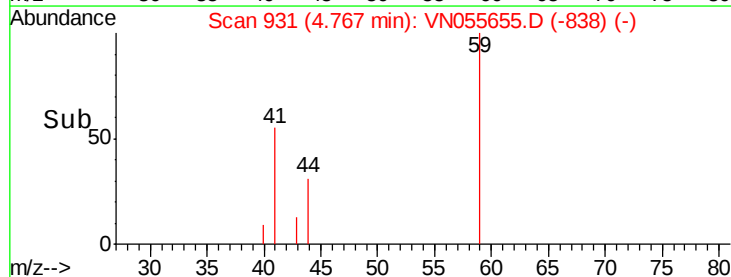
200

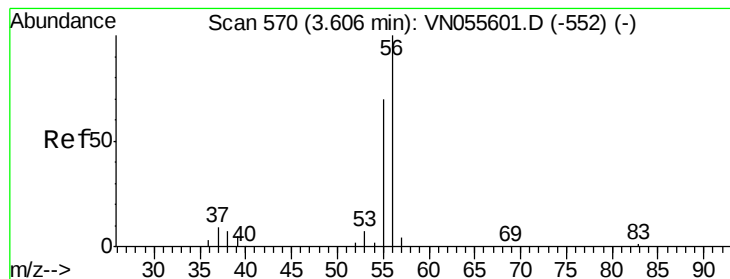
100

0

4.72 4.74 4.76 4.78

Time-->





#13

Acrolein

Concen: 2.687 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

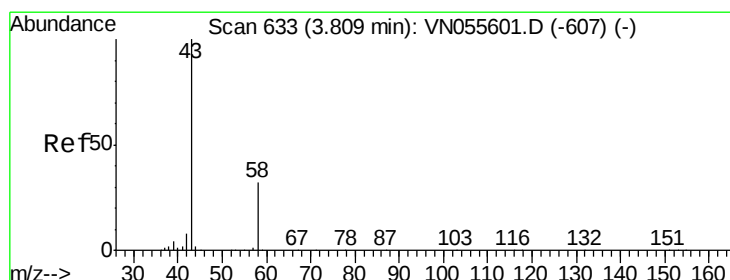
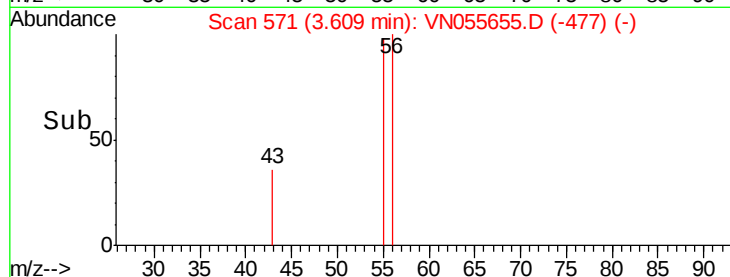
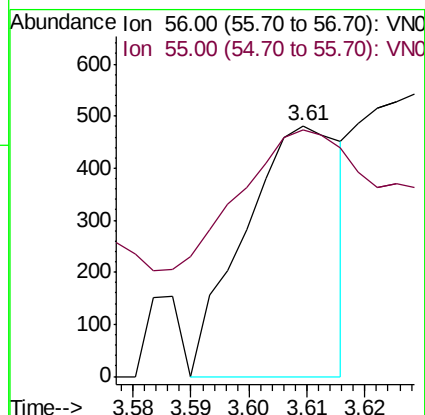
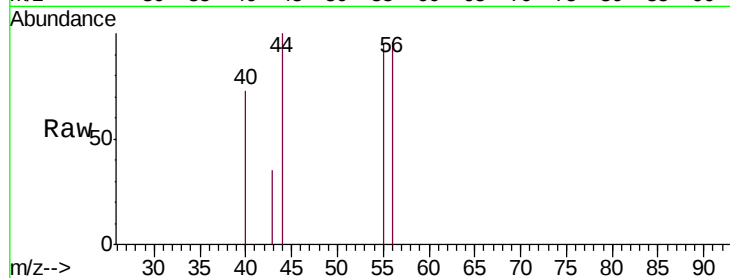
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion: 56 Resp: 555

Ion Ratio Lower Upper

56 100

55 169.5 56.5 84.7#



#16

Acetone

Concen: 44.048 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055655.D

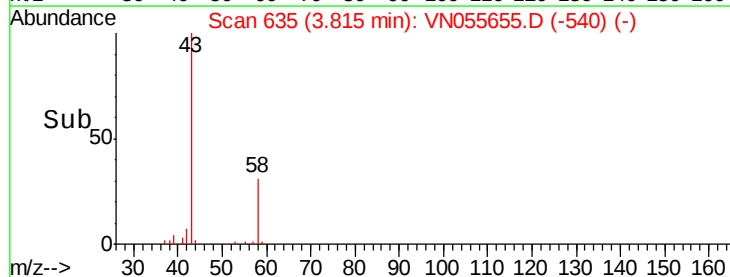
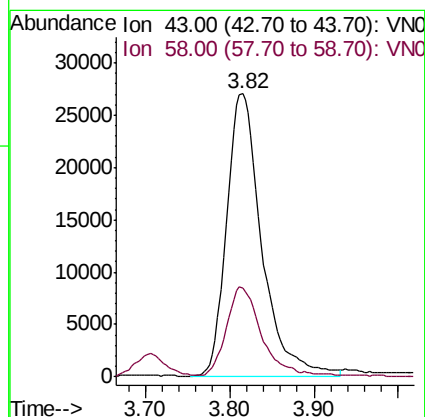
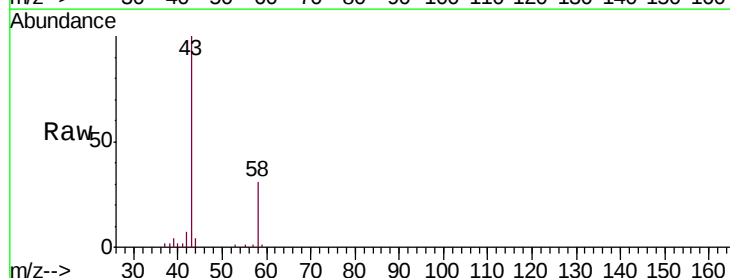
Acq: 18 May 2019 10:01

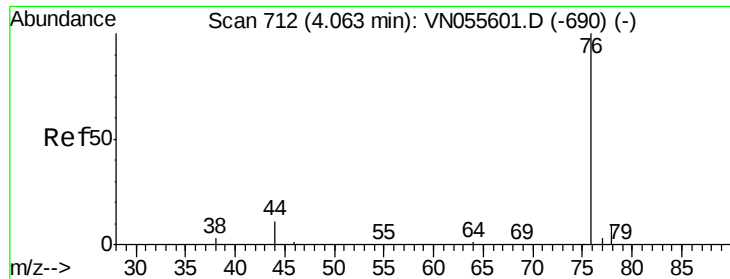
Tgt Ion: 43 Resp: 78755

Ion Ratio Lower Upper

43 100

58 30.4 26.0 39.0

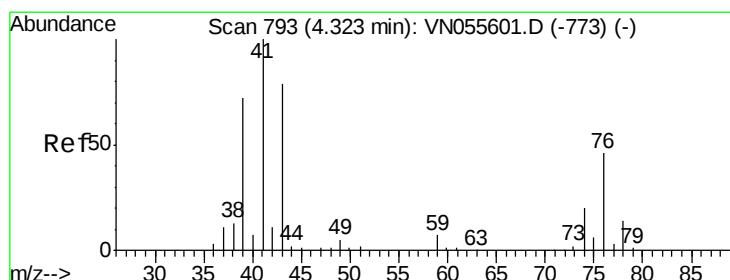
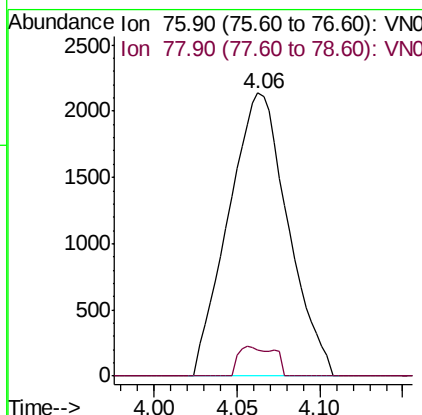
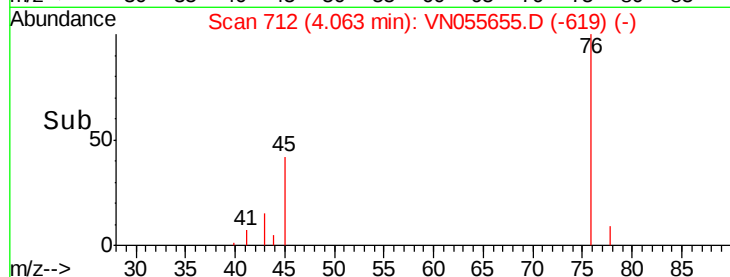
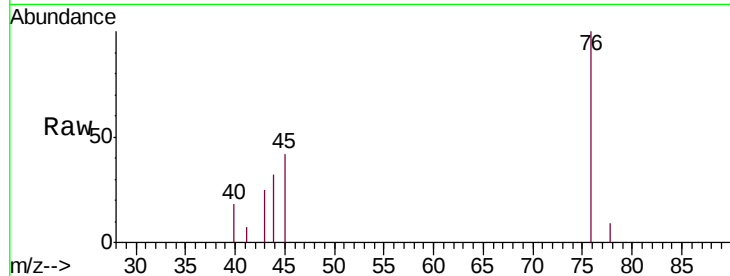




#17
Carbon Disulfide
Concen: 0.525 ug/l
RT: 4.06 min Scan# 712
Delta R.T. -0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

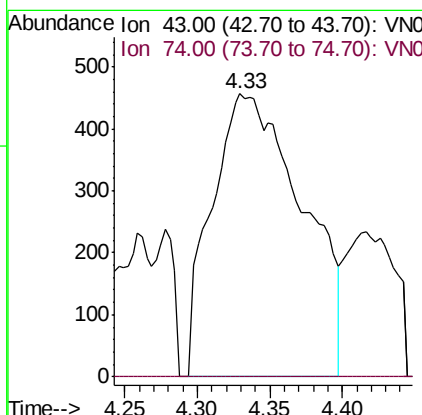
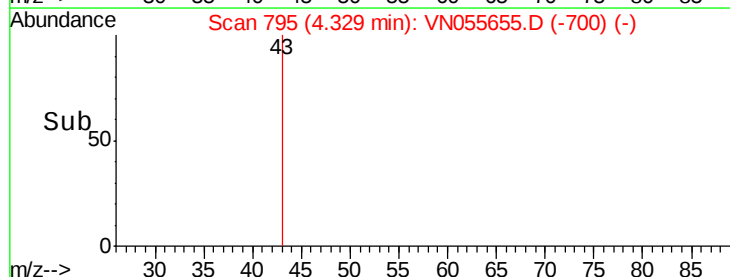
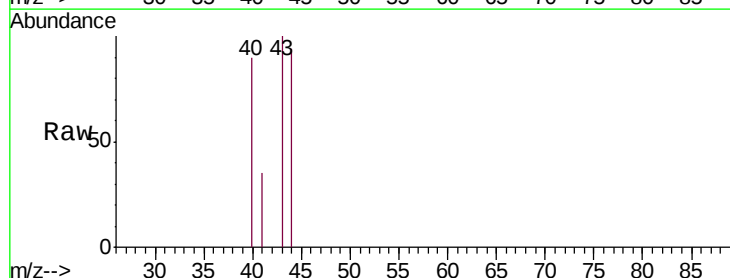
Instrument :
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OIL-WATER-SEPARATOR(OWS)-4

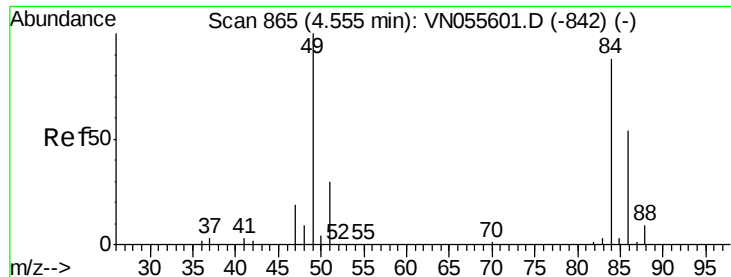
Tgt Ion: 76 Resp: 5327
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 0.517 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



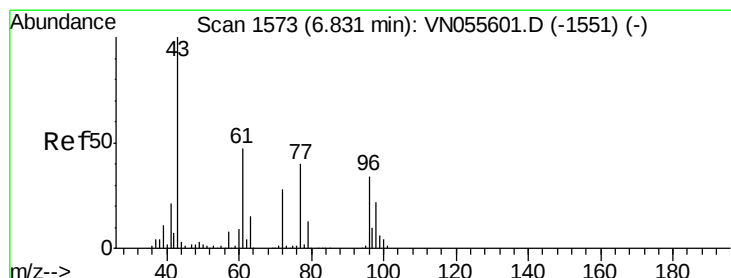
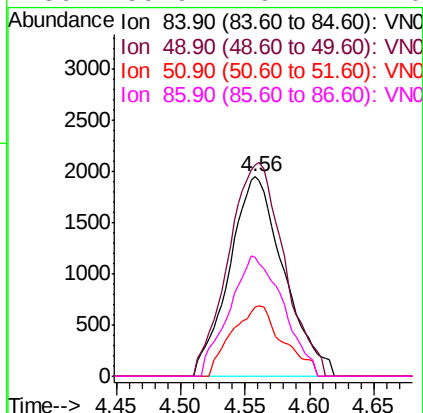
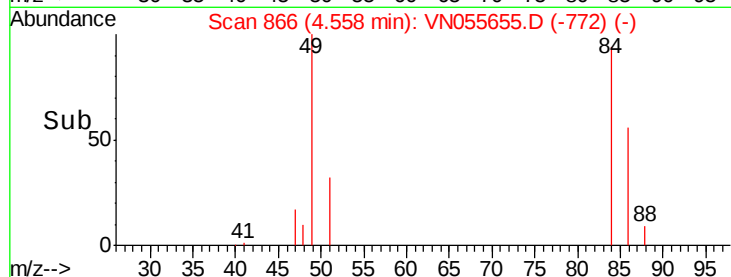
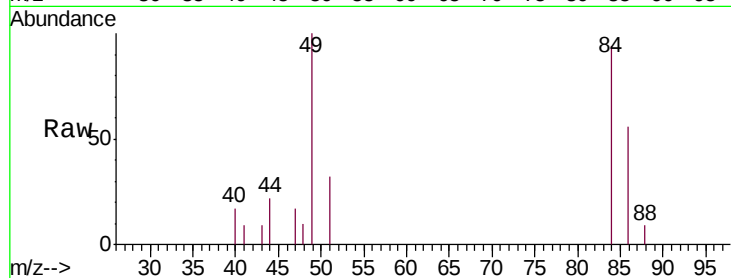


#20
Methylene Chloride
Concen: 1.412 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion: 84 Resp: 5762

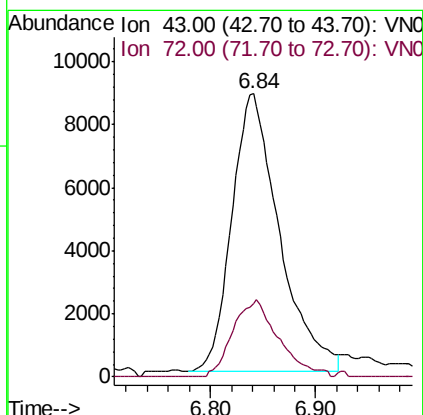
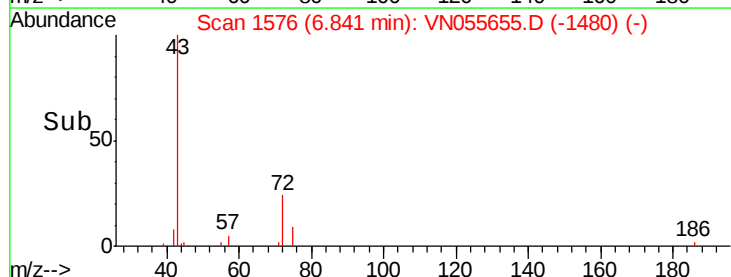
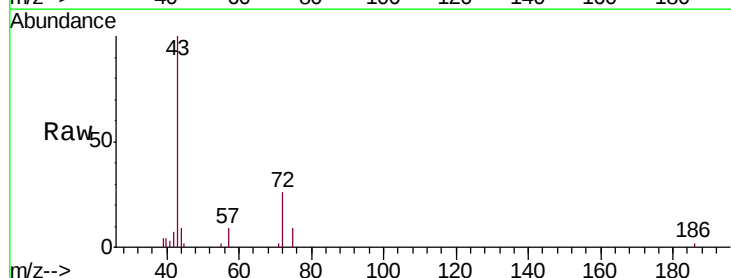
Ion	Ratio	Lower	Upper
84	100		
49	106.0	91.0	136.4
51	34.4	27.5	41.3
86	59.9	49.4	74.0

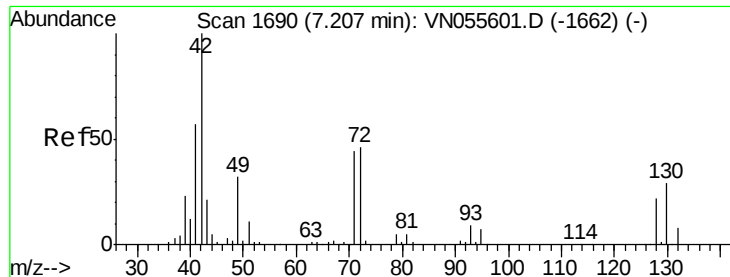


#25
2-Butanone
Concen: 11.041 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Tgt Ion: 43 Resp: 27602

Ion	Ratio	Lower	Upper
43	100		
72	26.5	22.3	33.5





#29

Tetrahydrofuran

Concen: 0.927 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-4

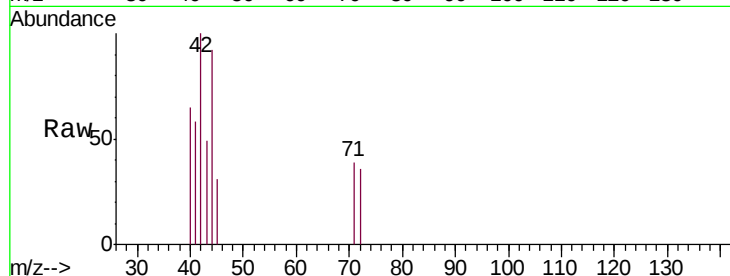
Tgt Ion: 42 Resp: 1535

Ion Ratio Lower Upper

42 100

72 23.4 36.5 54.7#

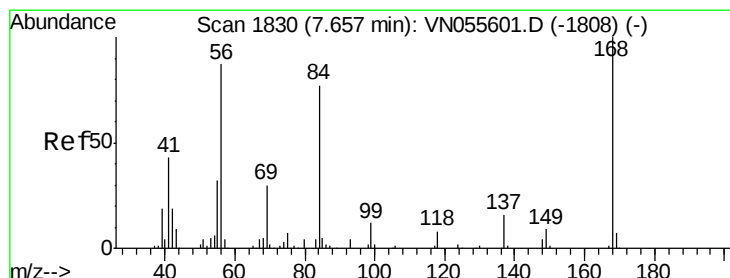
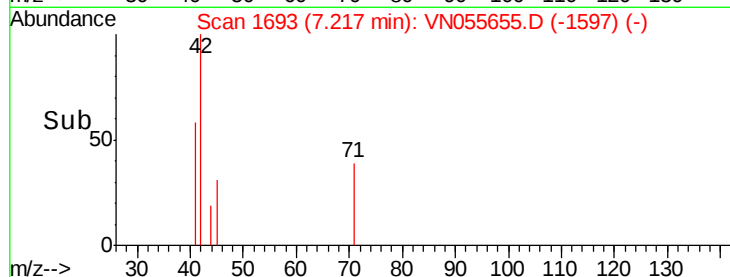
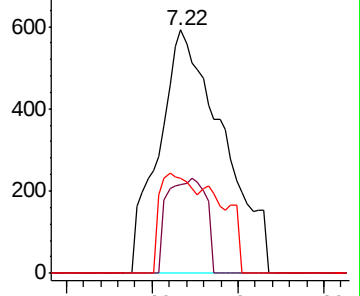
71 22.0 34.9 52.3#



Abundance Ion 42.00 (41.70 to 42.70): VN055601.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN055601.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN055601.D (-1662) (-)



#31

Cyclohexane

Concen: 0.934 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

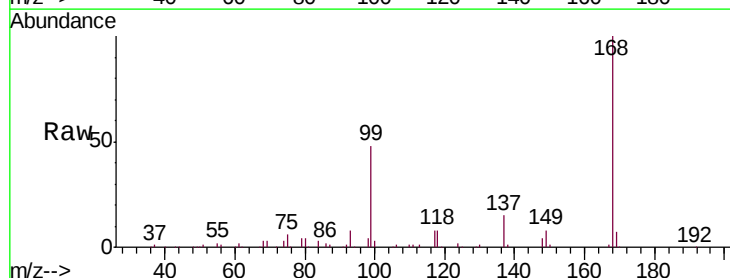
Tgt Ion: 56 Resp: 6068

Ion Ratio Lower Upper

56 100

69 204.6 27.2 40.8#

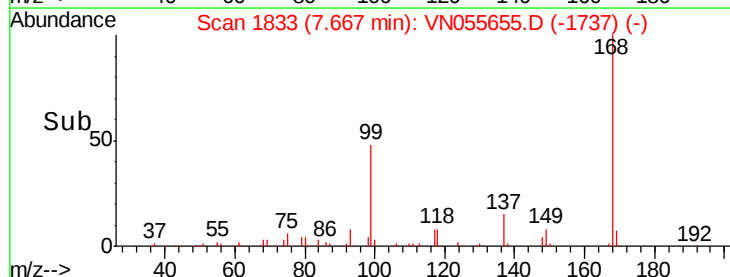
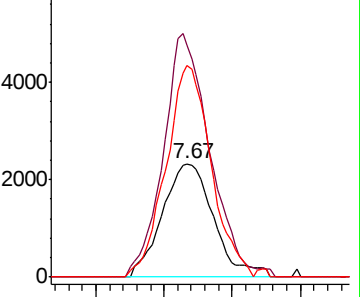
84 186.6 71.3 106.9#

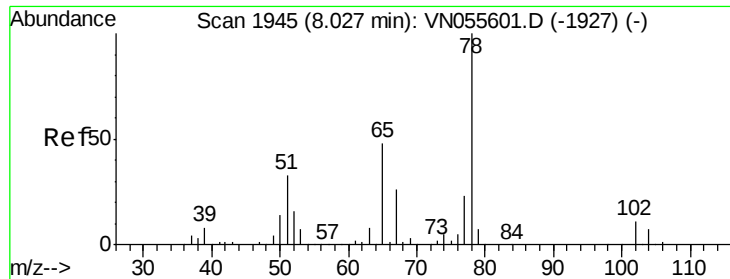


Abundance Ion 56.00 (55.70 to 56.70): VN055601.D (-1808) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-1808) (-)

Ion 84.00 (83.70 to 84.70): VN055601.D (-1808) (-)

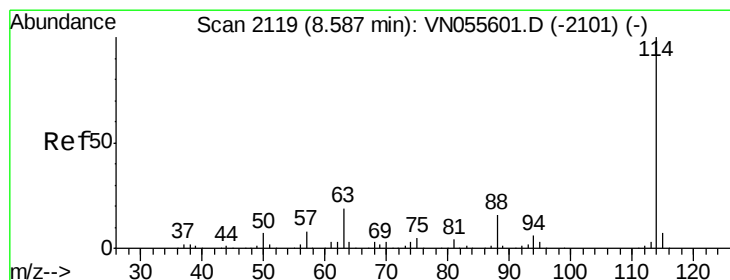
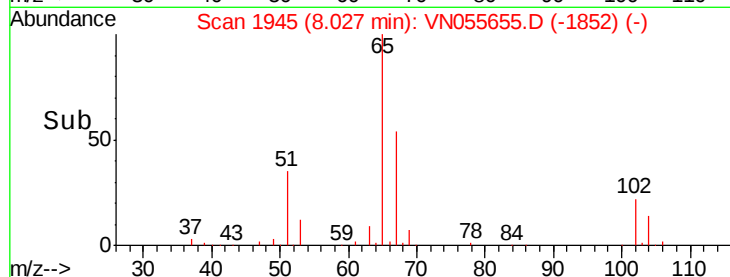
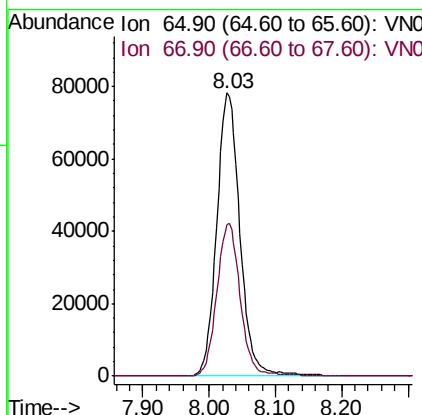
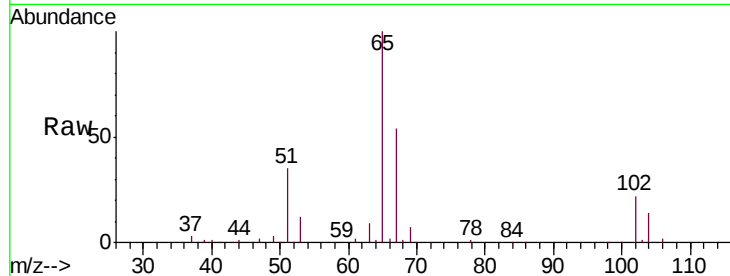




#33
 1,2-Dichloroethane-d4
 Concen: 43.377 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055655.D
 Acq: 18 May 2019 10:01

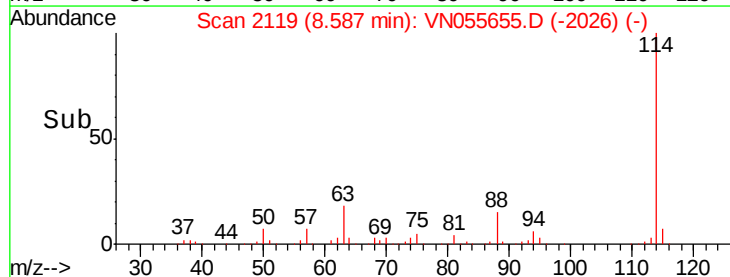
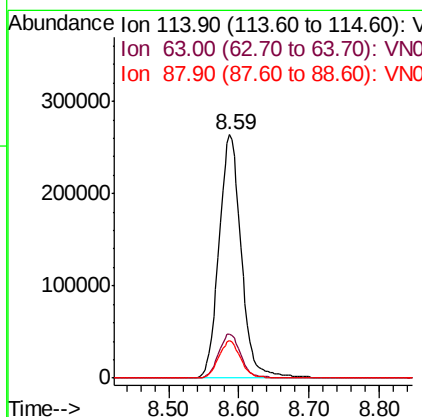
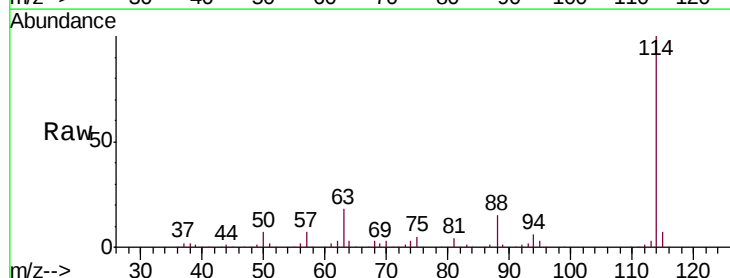
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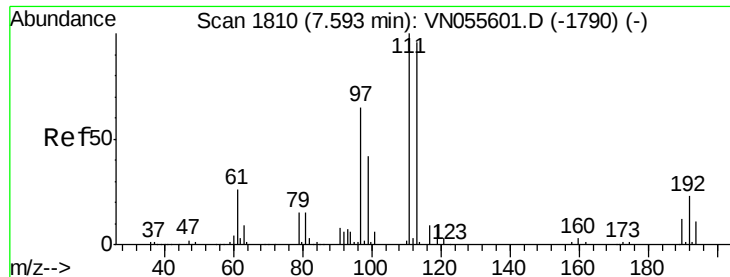
Tgt Ion: 65 Resp: 190043
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055655.D
 Acq: 18 May 2019 10:01

Tgt Ion: 114 Resp: 579651
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.2
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.278 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-4

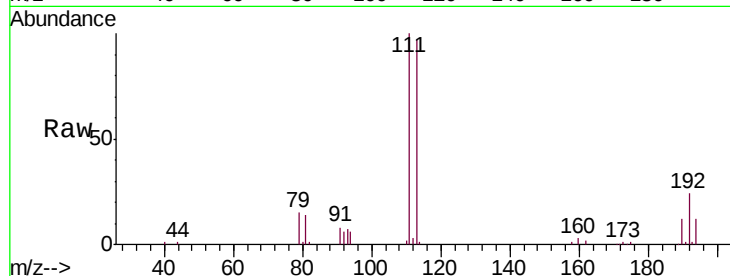
Tgt Ion:113 Resp: 177771

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

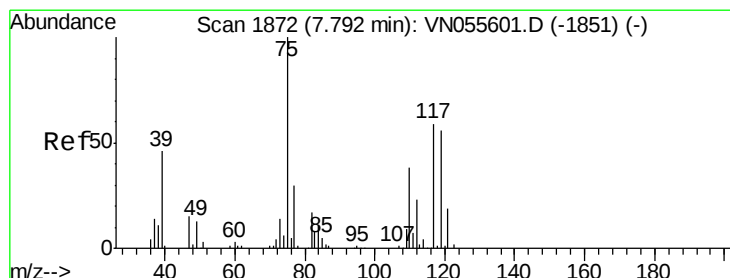
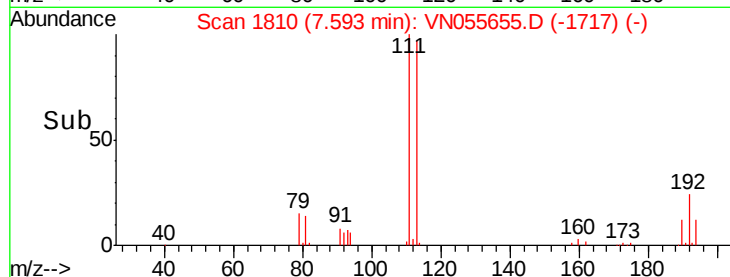
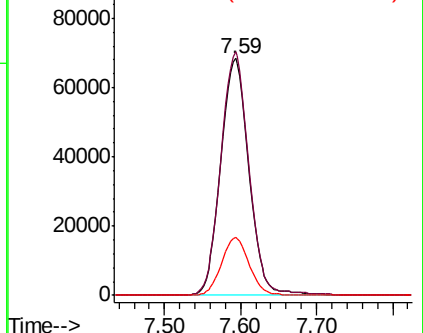
192 24.0 18.7 28.1



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: 4.654 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.12 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

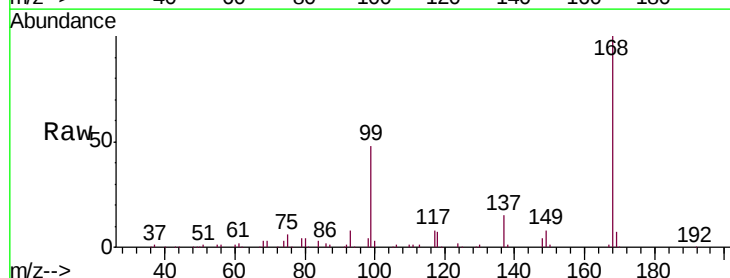
Tgt Ion: 75 Resp: 24052

Ion Ratio Lower Upper

75 100

110 8.8 18.6 55.6#

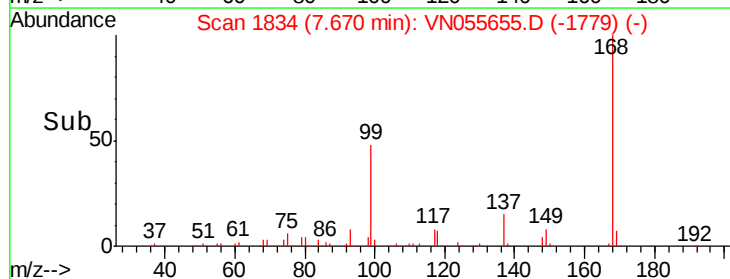
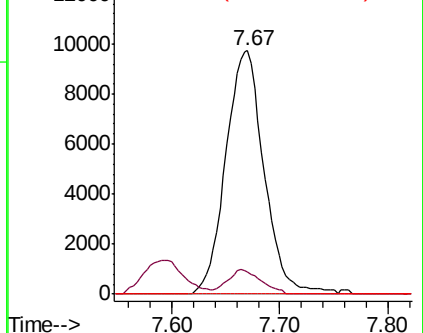
77 0.0 24.9 37.3#

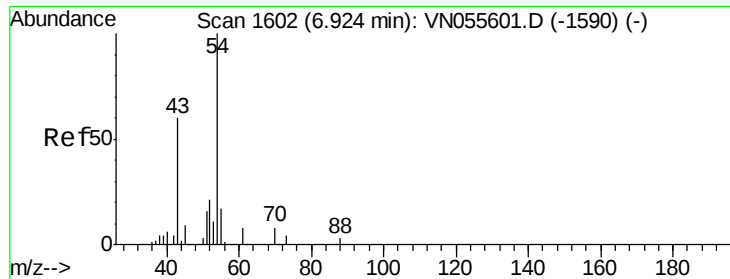


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 5.919 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.08 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-4

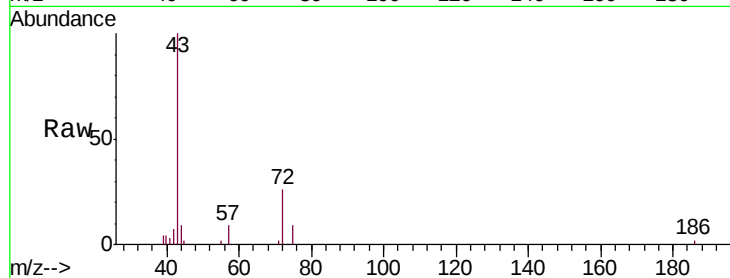
Tgt Ion: 43 Resp: 27602

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 9.2 13.8#



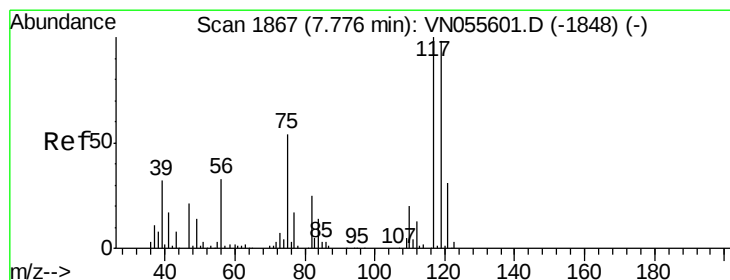
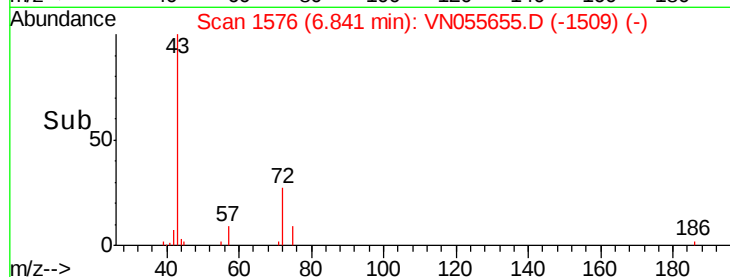
Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1590) (-)

Ion 60.90 (60.60 to 61.60): VN055601.D (-1590) (-)

Ion 70.00 (69.70 to 70.70): VN055601.D (-1590) (-)

6.84

Time-->



#38

Carbon Tetrachloride

Concen: 5.944 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

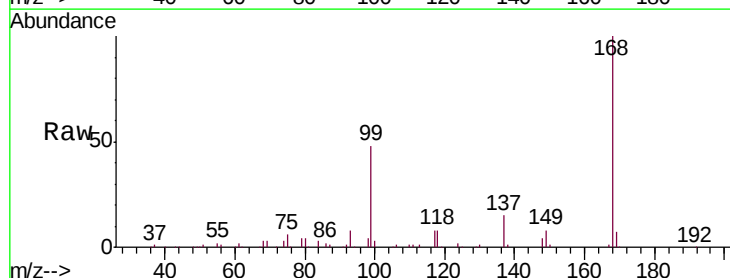
Tgt Ion: 117 Resp: 32828

Ion Ratio Lower Upper

117 100

119 5.1 77.8 116.8#

121 0.0 24.6 37.0#



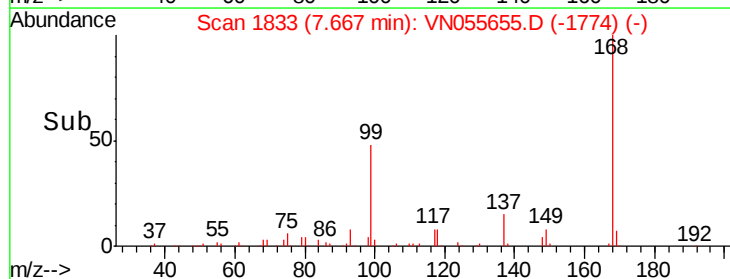
Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)

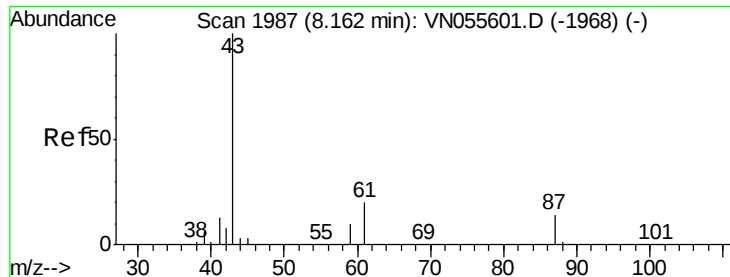
Ion 118.80 (118.50 to 119.50): VN055601.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN055601.D (-1848) (-)

7.67

Time-->





#43

Isopropyl Acetate

Concen: 2.339 ug/l

RT: 8.18 min Scan# 1993

Delta R.T. 0.02 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR(OWS)-4

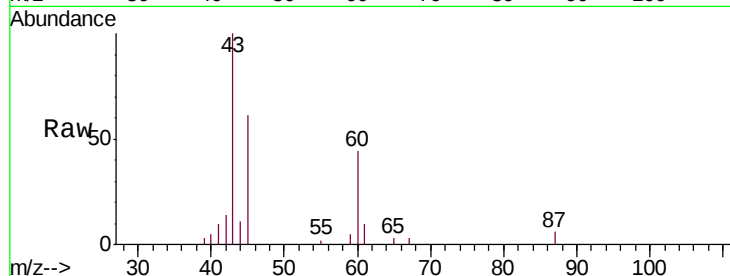
Tgt Ion: 43 Resp: 18976

Ion Ratio Lower Upper

43 100

61 13.8 22.1 33.1#

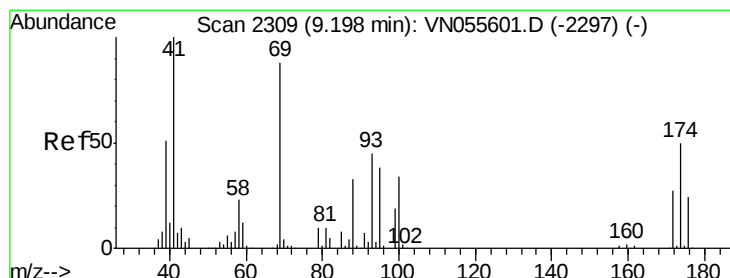
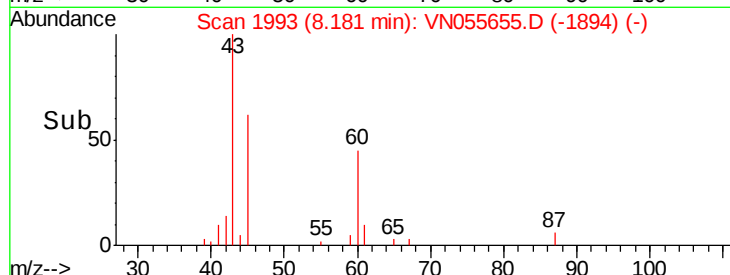
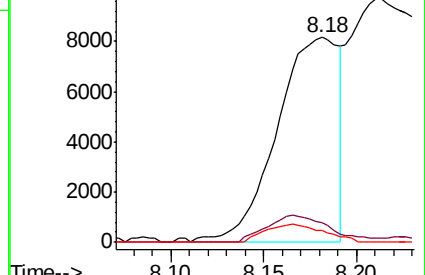
87 8.4 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)



#48

Methyl methacrylate

Concen: 1.919 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

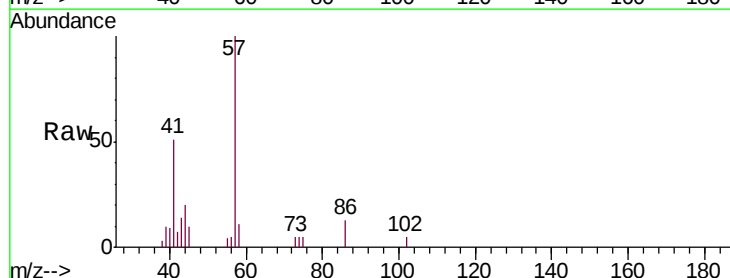
Tgt Ion: 41 Resp: 6958

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

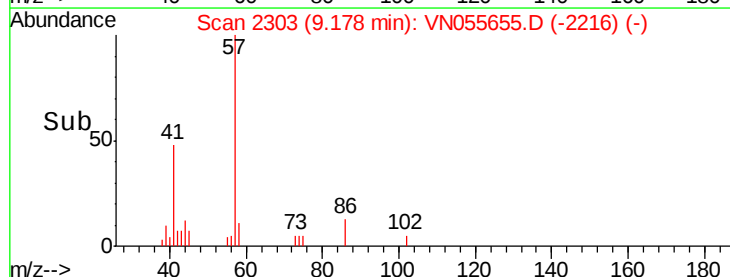
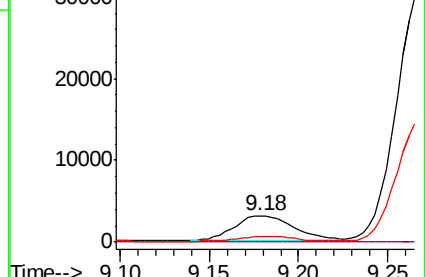
39 26.3 43.8 65.8#

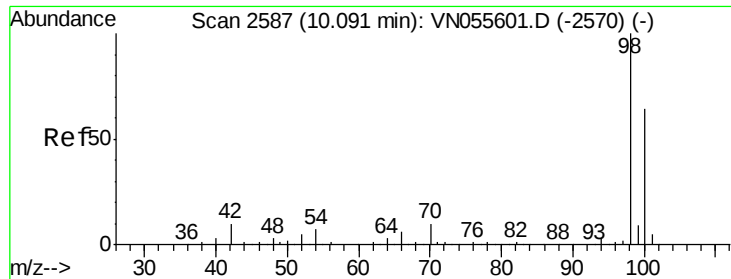


Abundance Ion 41.00 (40.70 to 41.70): VN055601.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055601.D (-2297) (-)





#50

Toluene-d8

Concen: 47.939 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

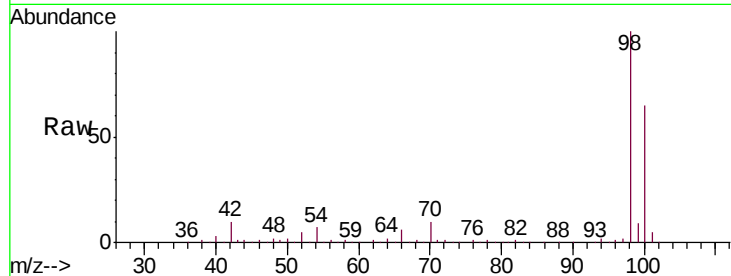
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion: 98 Resp: 667452

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)

10.09

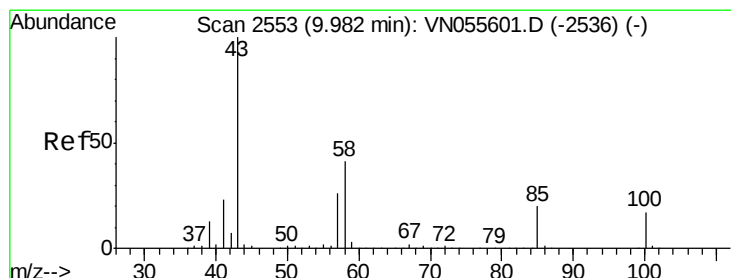
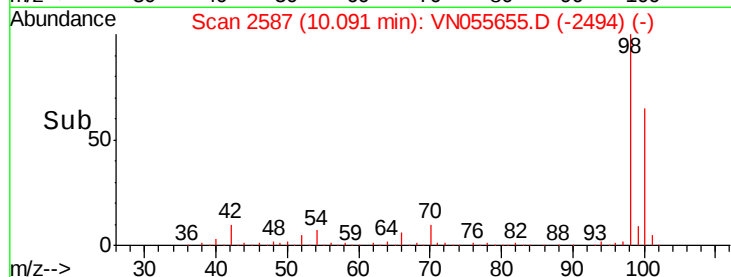
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 6.485 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055655.D

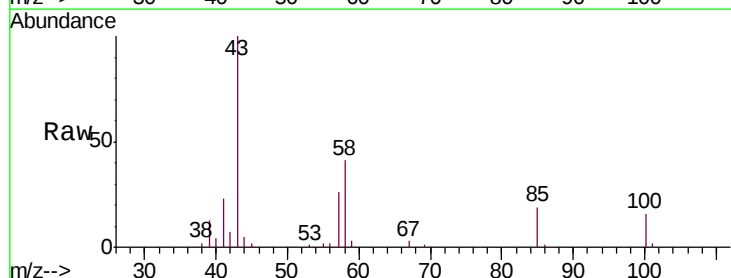
Acq: 18 May 2019 10:01

Tgt Ion: 43 Resp: 30859

Ion Ratio Lower Upper

43 100

58 48.3 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

9.99

25000

20000

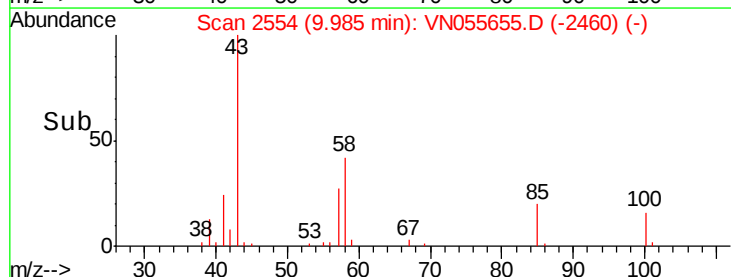
15000

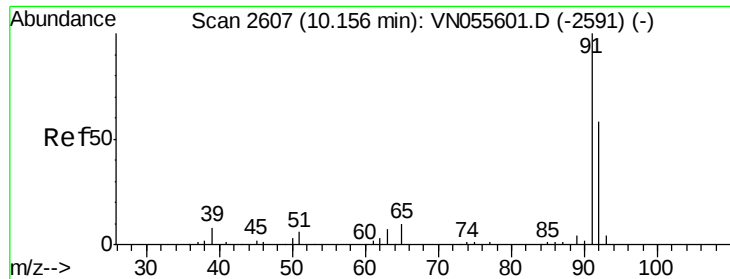
10000

5000

0

Time-->





#52

Toluene

Concen: 14.512 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

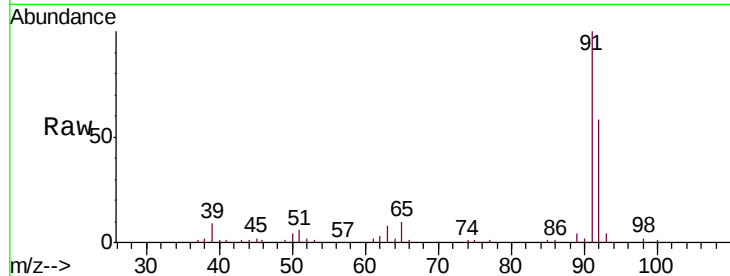
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion: 92 Resp: 138362

Ion Ratio Lower Upper

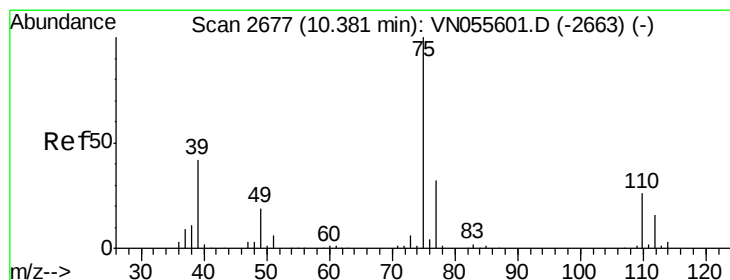
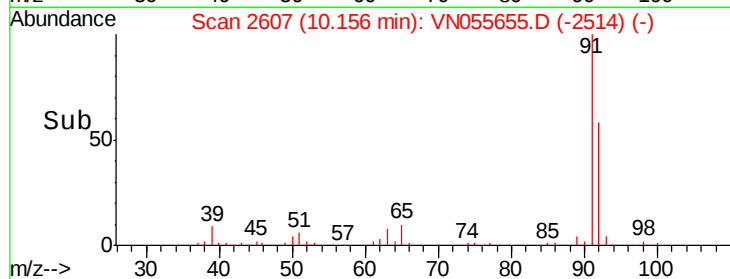
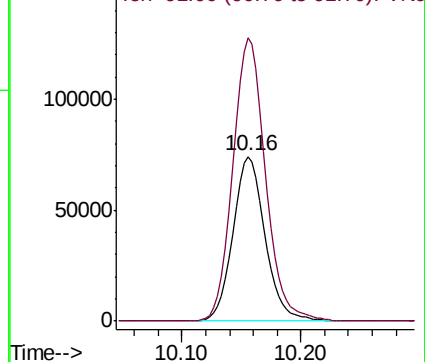
92 100

91 175.1 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055655.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN055655.D (-2514) (-)



#53

t-1,3-Dichloropropene

Concen: 0.229 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN055655.D

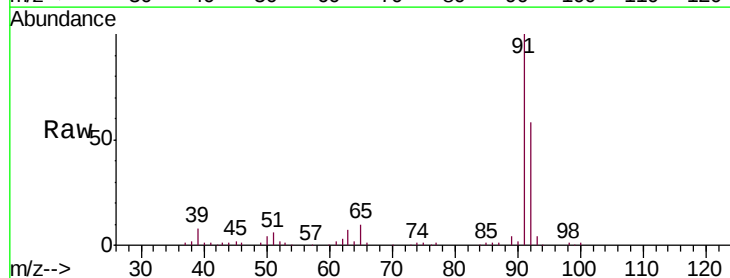
Acq: 18 May 2019 10:01

Tgt Ion: 75 Resp: 1355

Ion Ratio Lower Upper

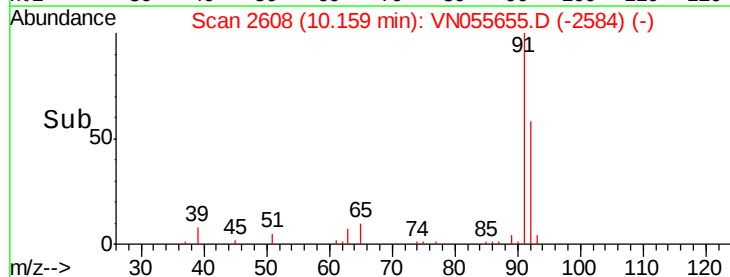
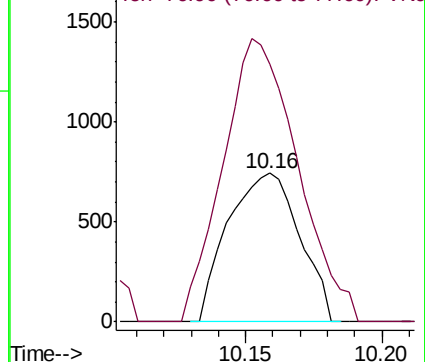
75 100

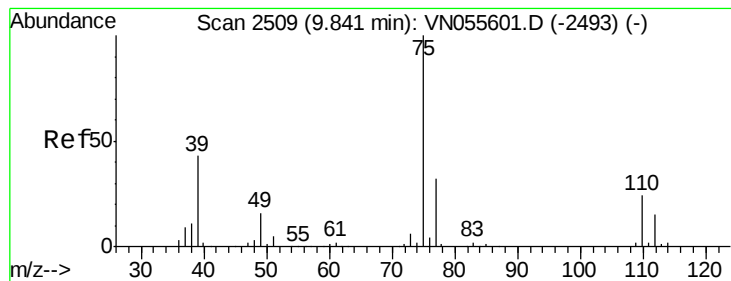
77 151.1 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN055655.D (-2584) (-)

Ion 76.90 (76.60 to 77.60): VN055655.D (-2584) (-)





#54

cis-1,3-Dichloropropene

Concen: 7.006 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-4

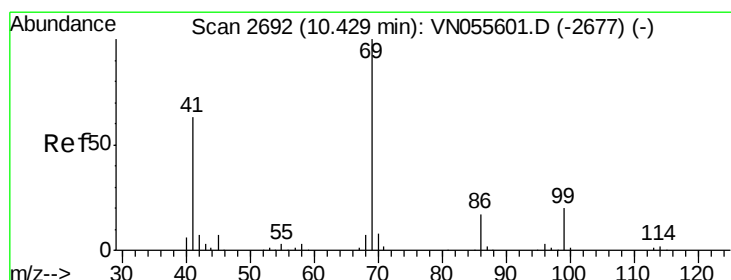
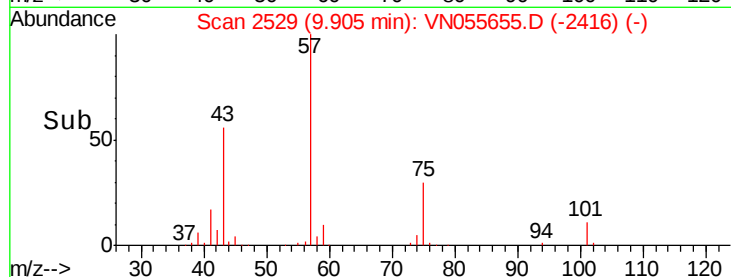
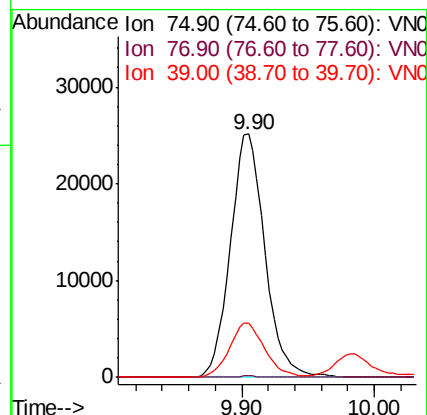
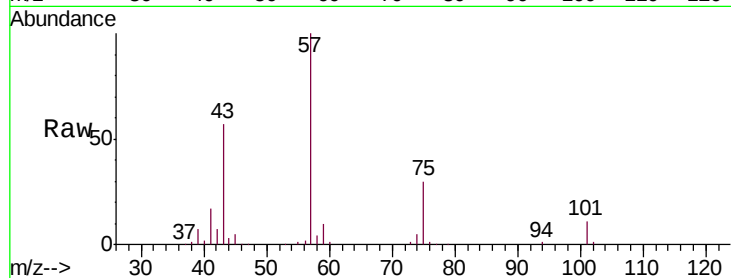
Tgt Ion: 75 Resp: 45377

Ion Ratio Lower Upper

75 100

77 0.8 25.7 38.5#

39 22.0 34.7 52.1#



#56

Ethyl methacrylate

Concen: 0.260 ug/l

RT: 10.36 min Scan# 2670

Delta R.T. -0.07 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

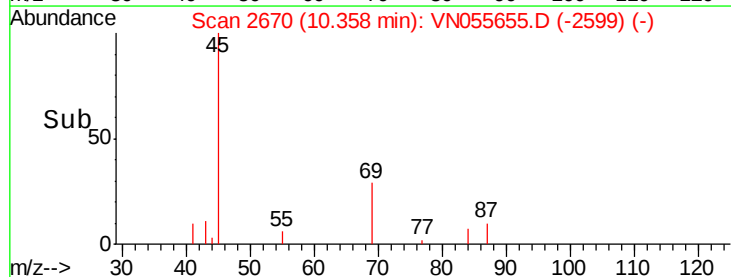
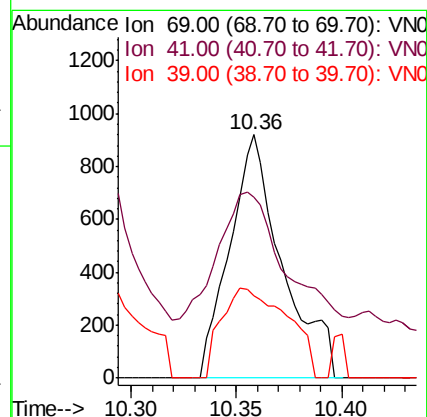
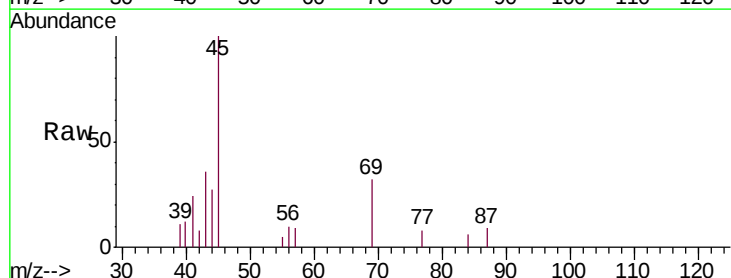
Tgt Ion: 69 Resp: 1591

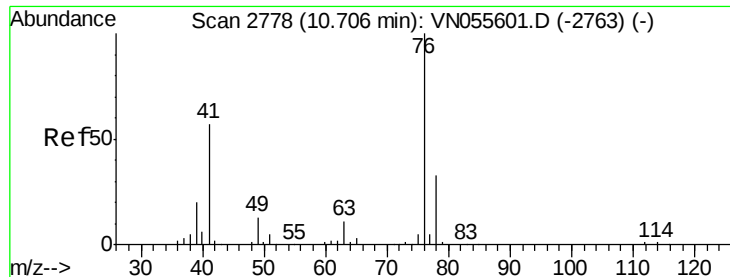
Ion Ratio Lower Upper

69 100

41 61.5 50.3 75.5

39 46.3 25.4 38.2#





#57

1,3-Dichloropropane

Concen: 1.253 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

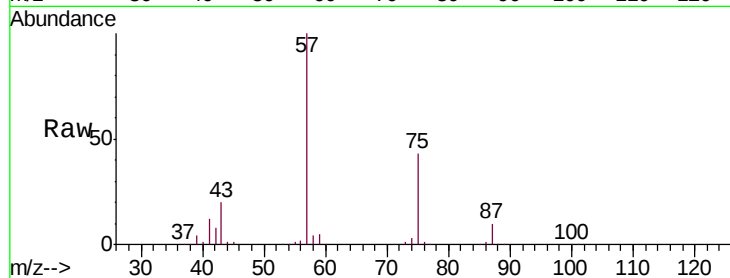
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion: 76 Resp: 7792

Ion Ratio Lower Upper

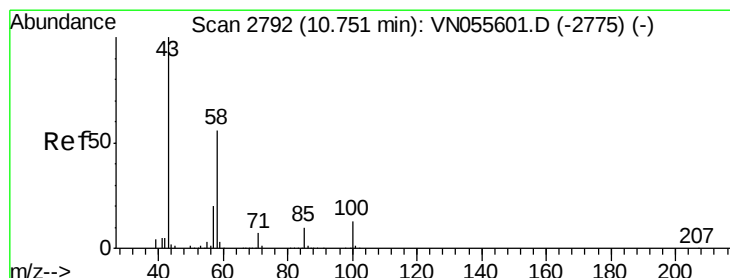
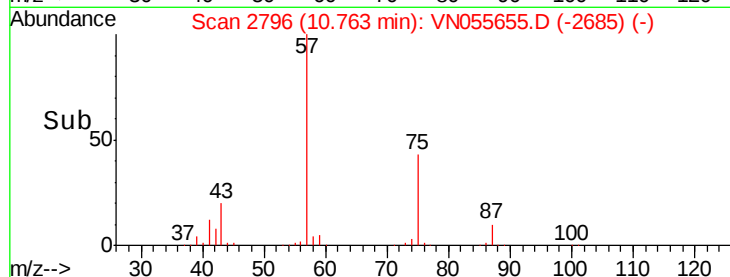
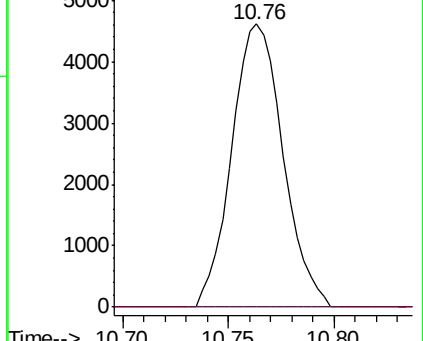
76 100

78 0.0 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 30.921 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055655.D

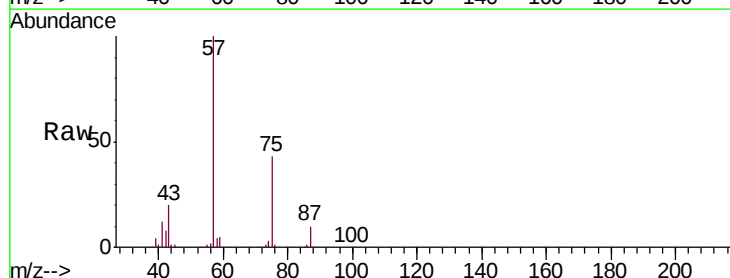
Acq: 18 May 2019 10:01

Tgt Ion: 43 Resp: 103590

Ion Ratio Lower Upper

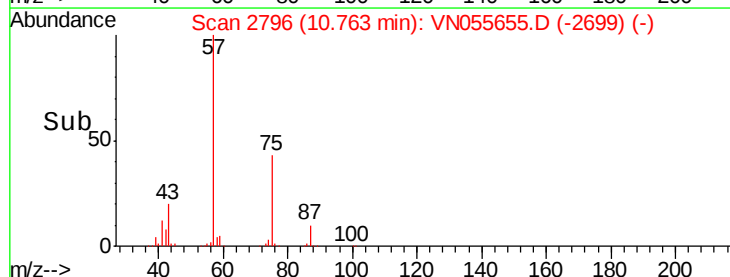
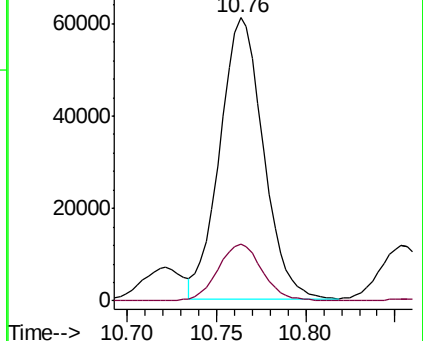
43 100

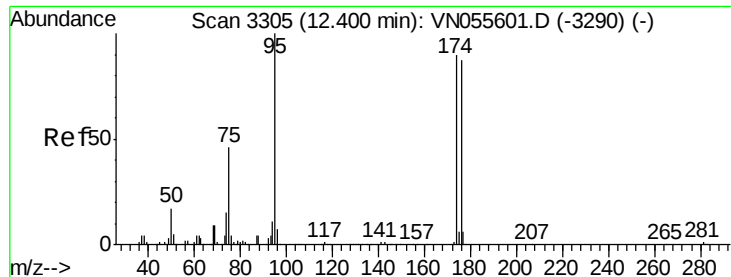
58 20.5 28.1 84.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

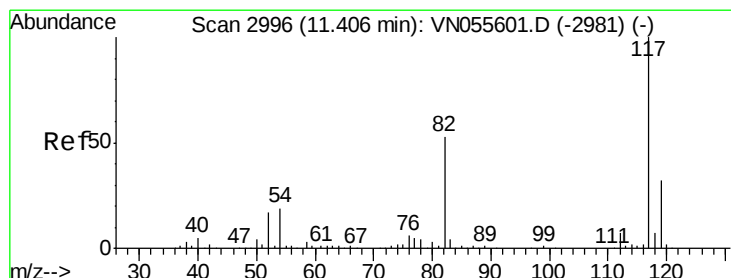
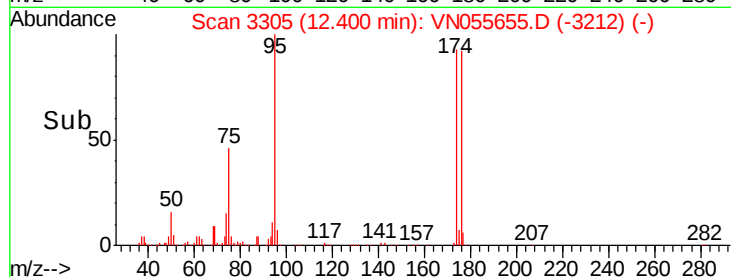
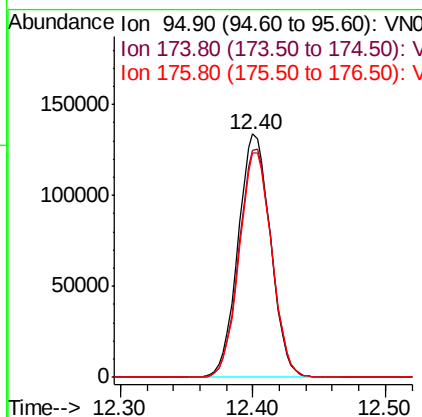
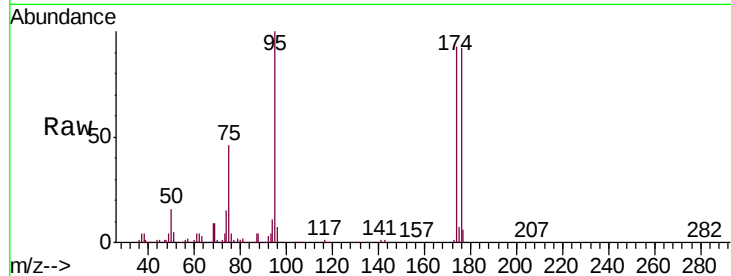




#62
4-Bromofluorobenzene
Concen: 47.265 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

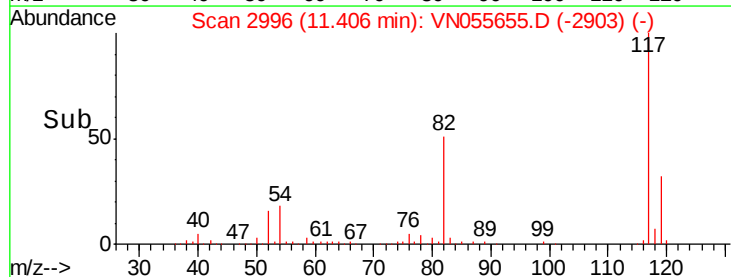
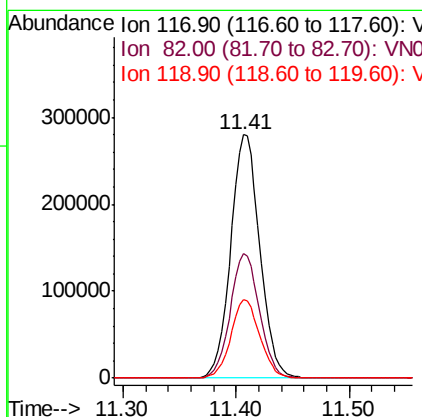
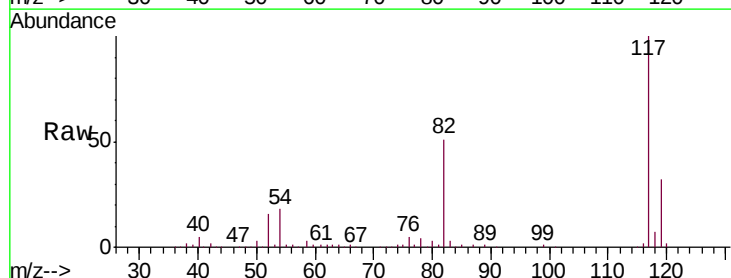
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

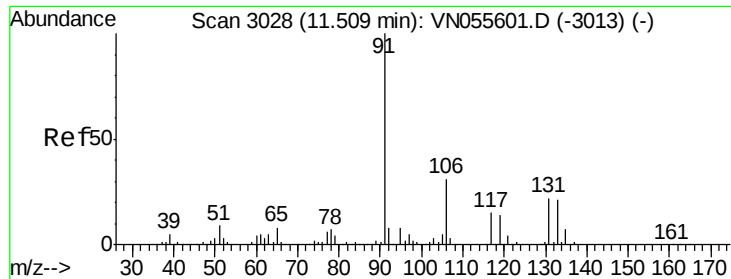
Tgt Ion: 95 Resp: 227240
Ion Ratio Lower Upper
95 100
174 94.2 0.0 180.6
176 92.3 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Tgt Ion: 117 Resp: 499607
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 32.4 25.4 38.2

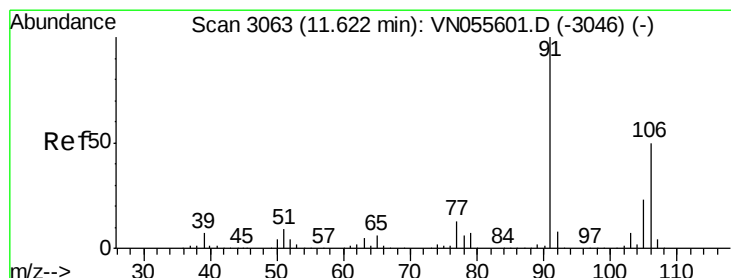
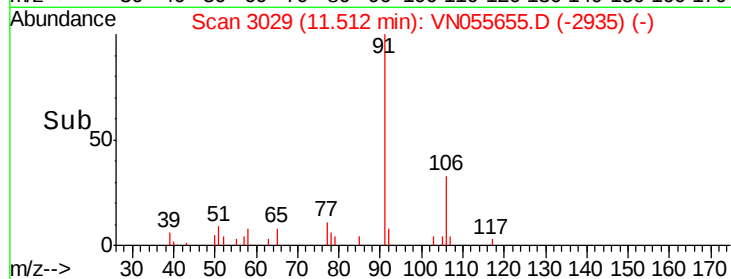
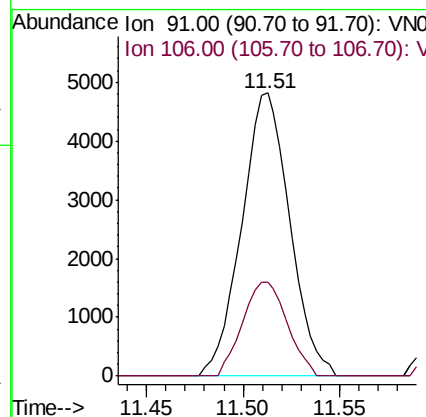
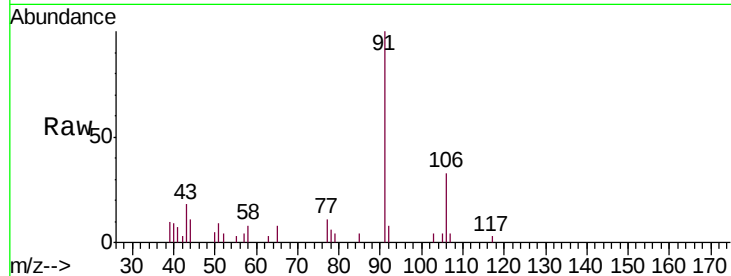




#67
Ethyl Benzene
Concen: 0.463 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

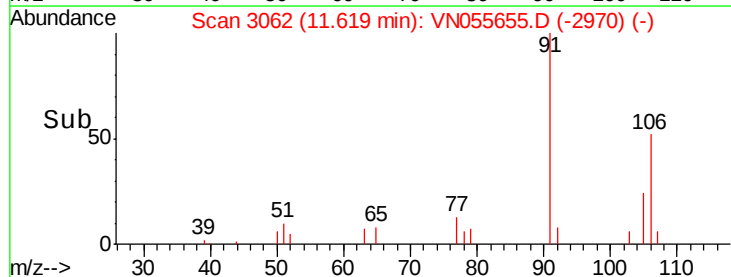
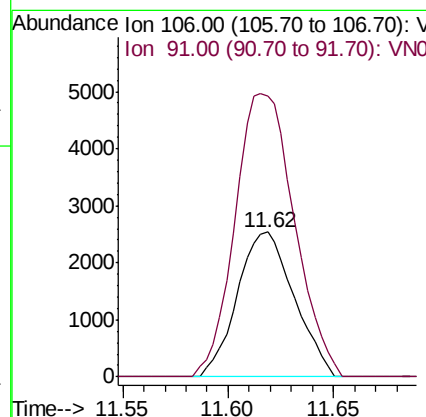
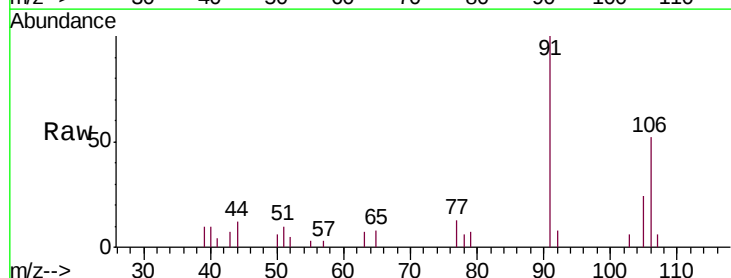
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR(OWS)-4

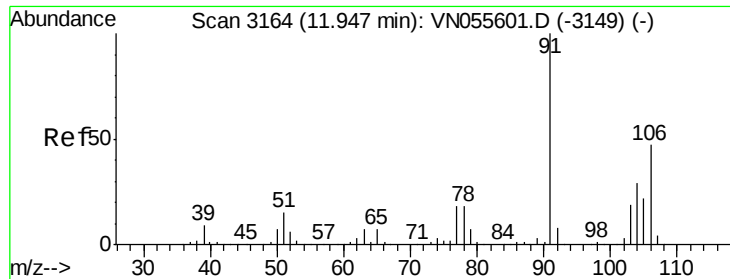
Tgt Ion: 91 Resp: 8335
Ion Ratio Lower Upper
91 100
106 33.2 25.2 37.8



#68
m/p-Xylenes
Concen: 0.698 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Tgt Ion: 106 Resp: 4743
Ion Ratio Lower Upper
106 100
91 204.8 160.5 240.7

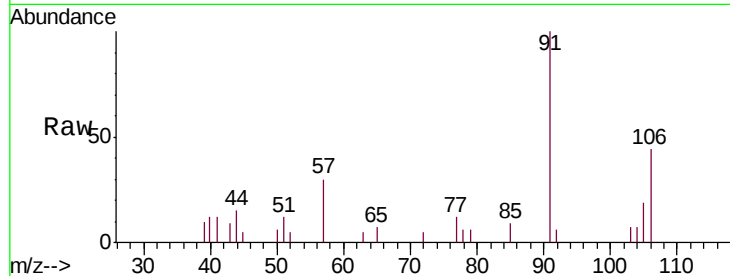




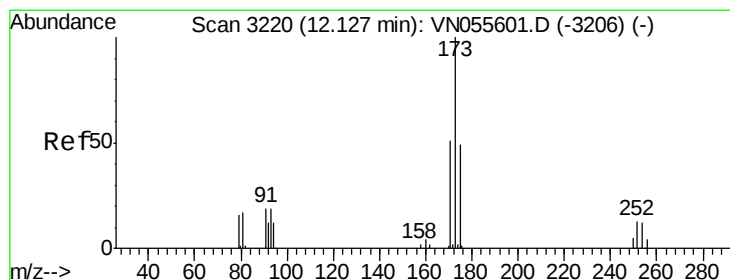
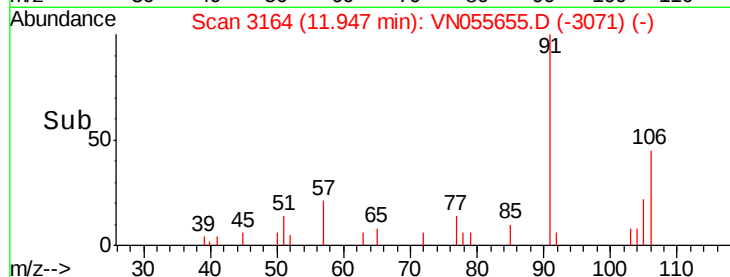
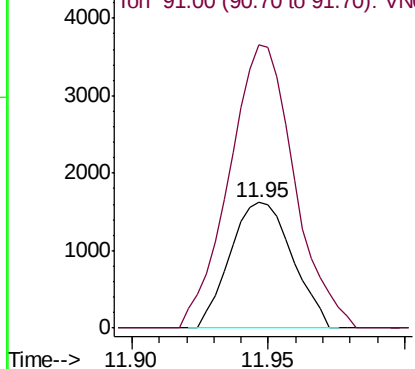
#69
o-Xylene
Concen: 0.387 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion:106 Resp: 2573
Ion Ratio Lower Upper
106 100
91 235.6 106.7 320.2

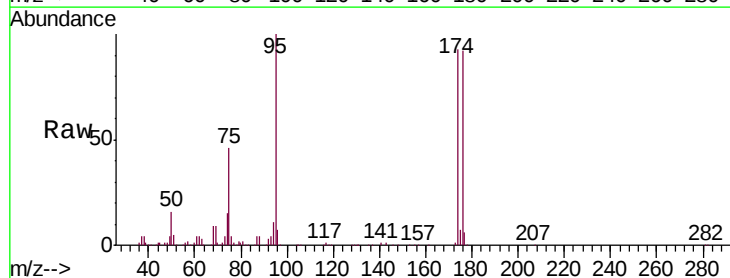


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

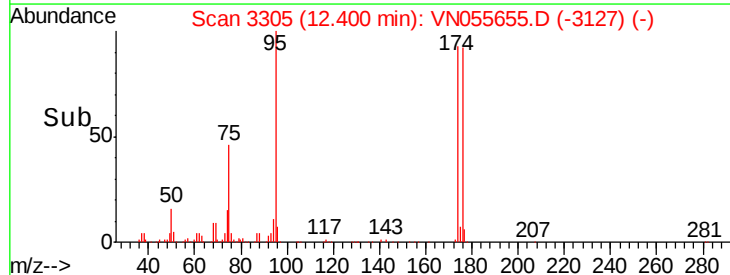
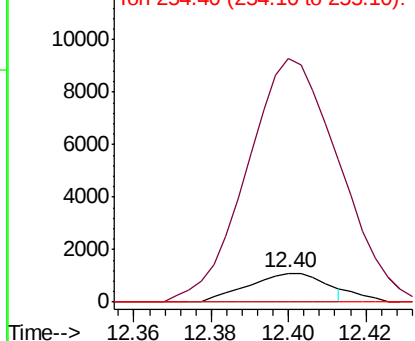


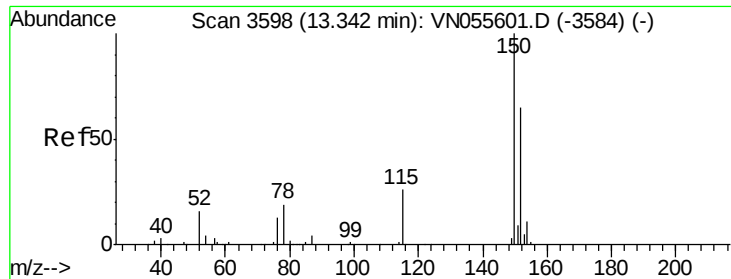
#71
Bromoform
Concen: 0.450 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Tgt Ion:173 Resp: 1549
Ion Ratio Lower Upper
173 100
175 869.3 24.3 72.9#
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



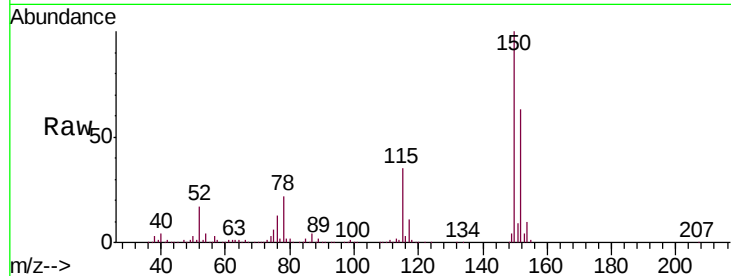


#72

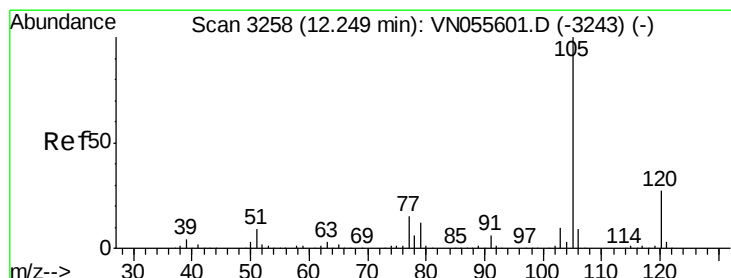
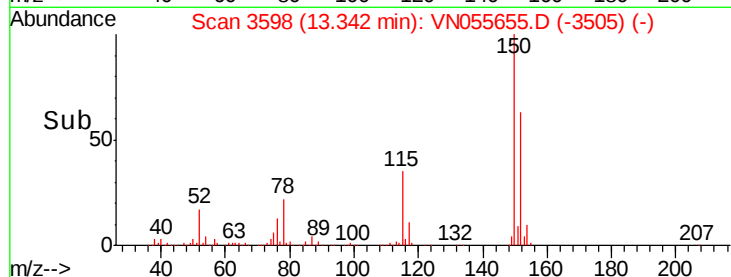
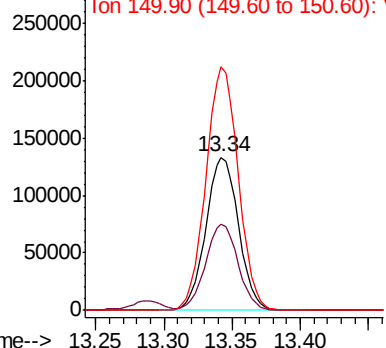
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion:152 Resp: 220672
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.2
150 158.3 0.0 348.0



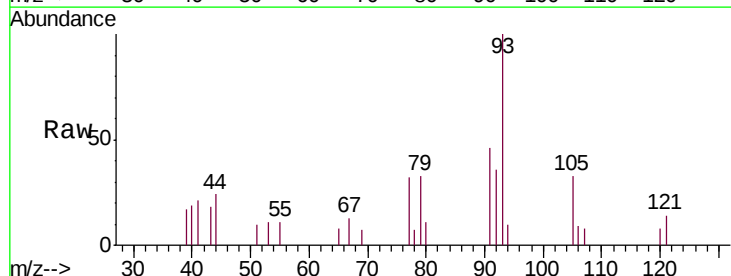
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



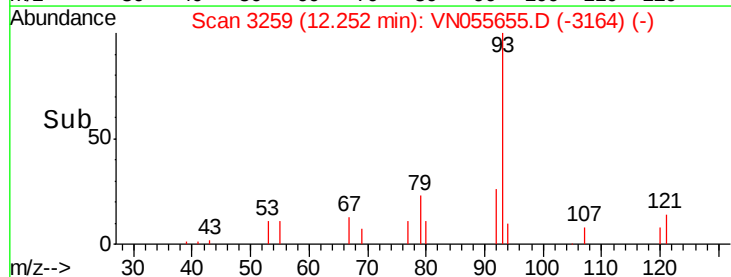
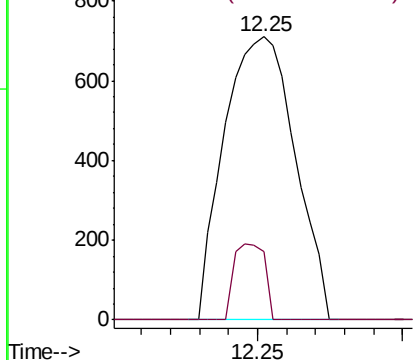
#73

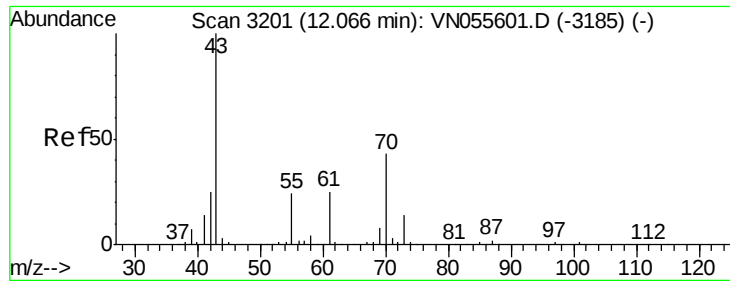
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Tgt Ion:105 Resp: 1205
Ion Ratio Lower Upper
105 100
120 11.5 13.4 40.2#



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





#74

N-amyI acetate

Concen: 0.502 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion: 43 Resp: 3108

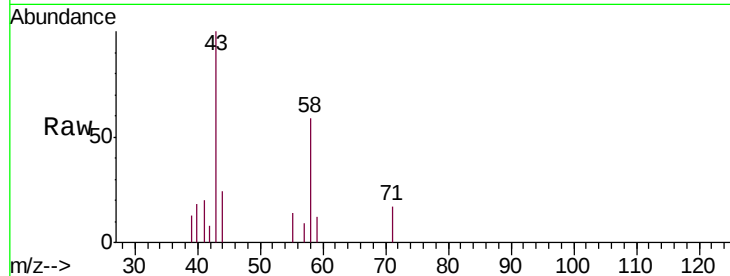
Ion Ratio Lower Upper

43 100

70 0.0 35.0 52.6#

55 17.7 18.9 28.3#

61 0.0 20.1 30.1#

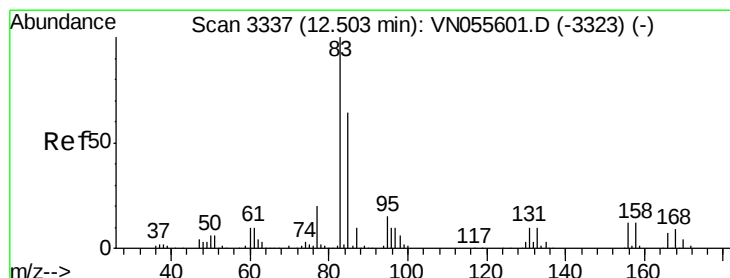
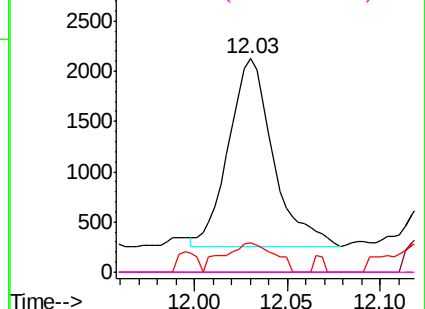
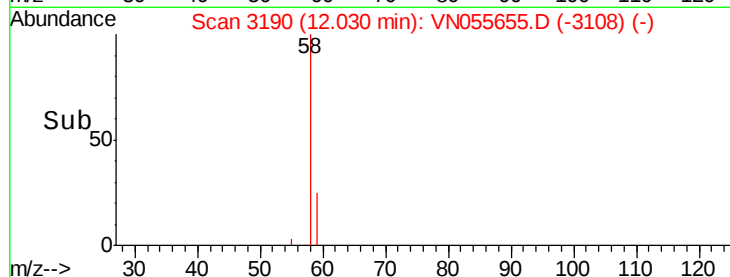


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.69 min Scan# 3395

Delta R.T. 0.19 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

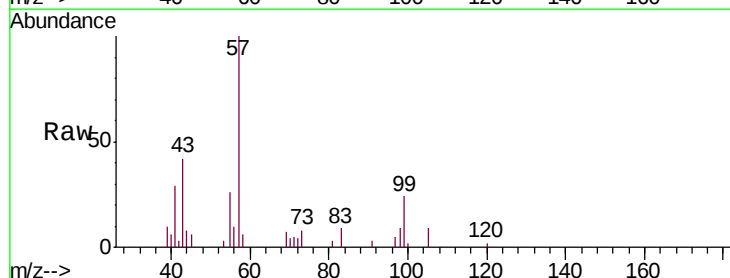
Tgt Ion: 83 Resp: 1099

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

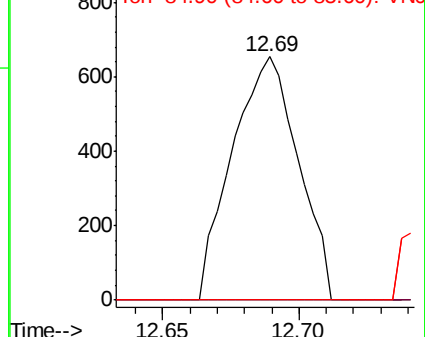
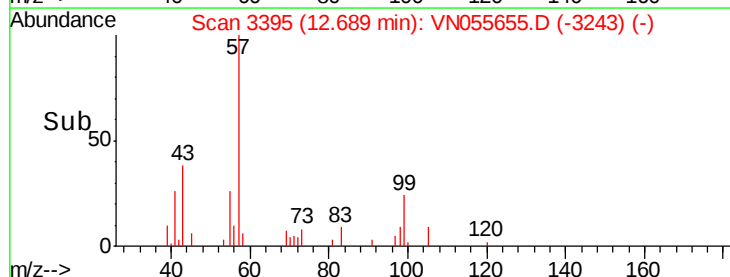
85 0.0 32.0 96.2#

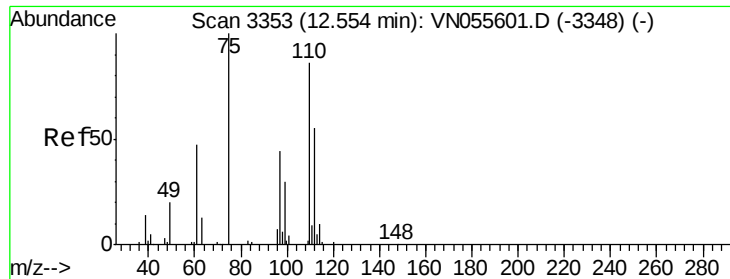


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 23.308 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

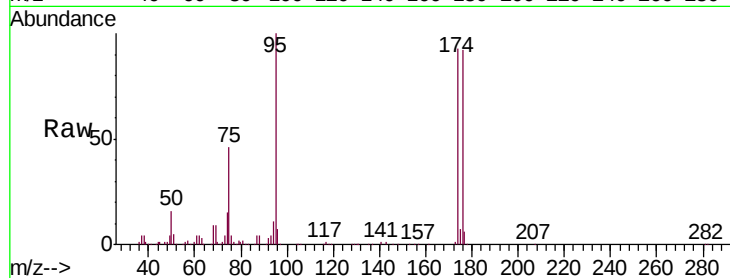
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion: 75 Resp: 104954

Ion Ratio Lower Upper

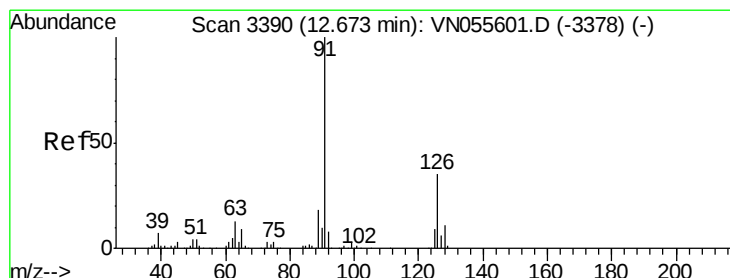
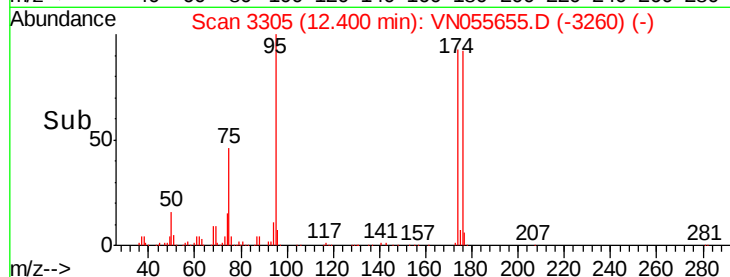
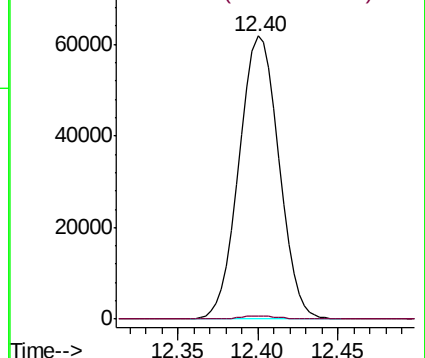
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN055655.D

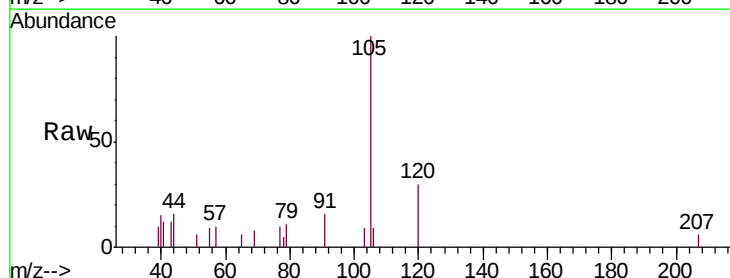
Acq: 18 May 2019 10:01

Tgt Ion: 91 Resp: 968

Ion Ratio Lower Upper

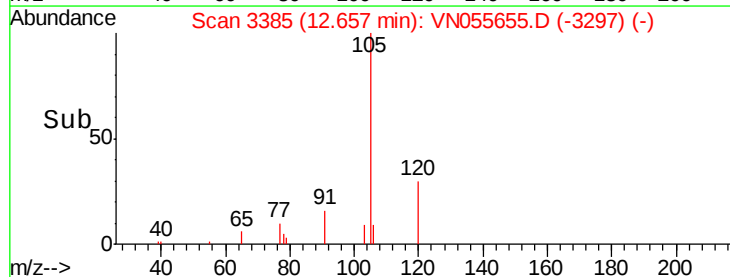
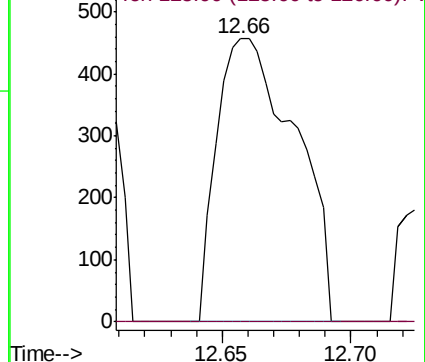
91 100

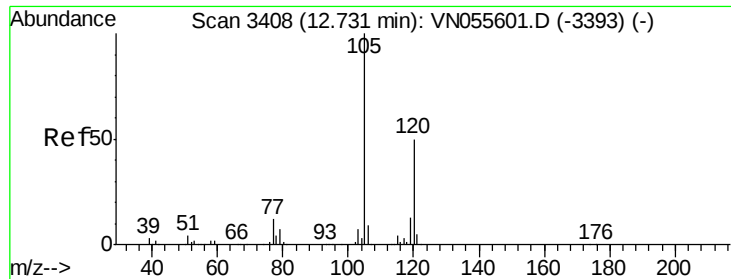
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

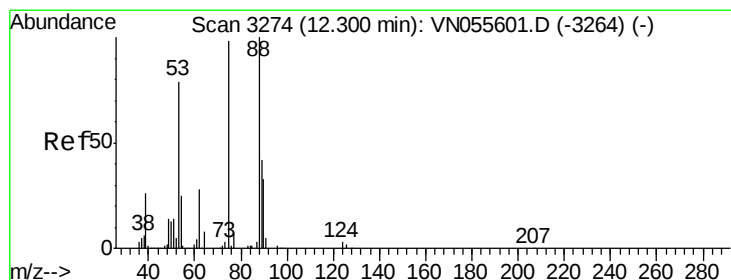
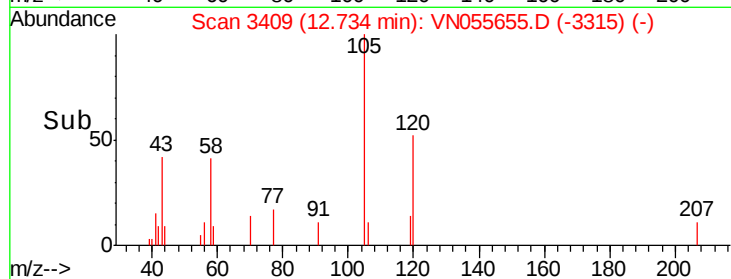
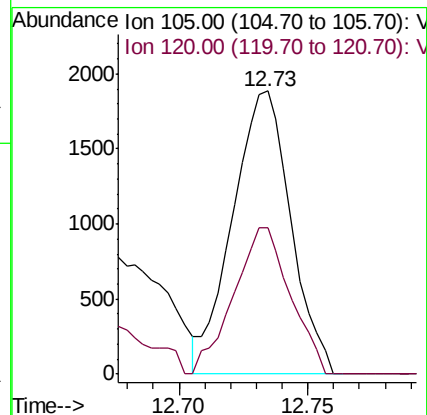
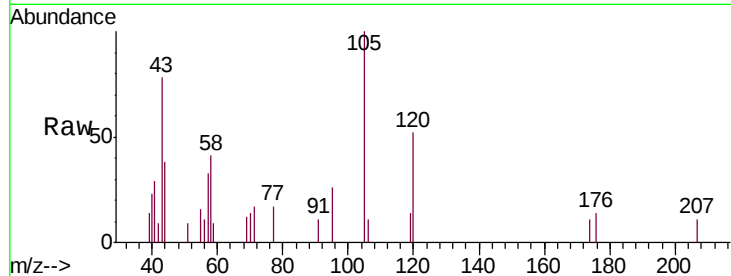
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion: 105.00 Resp: 2971

Ion Ratio Lower Upper

105 100

120 50.4 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 59.916 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

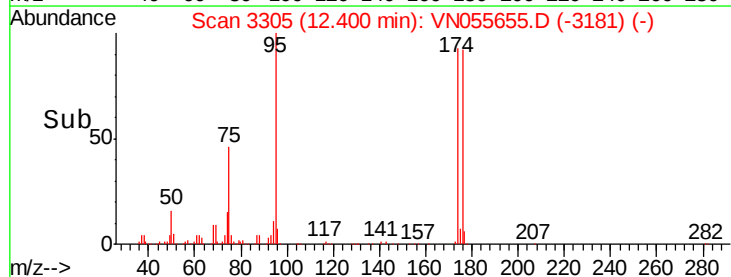
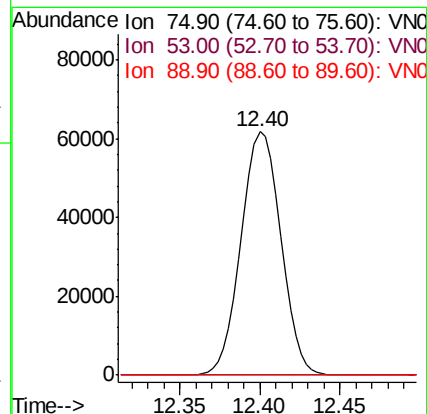
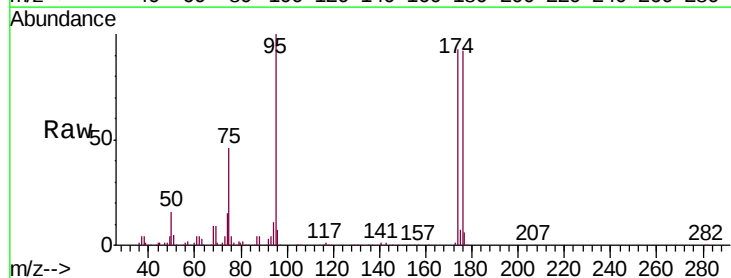
Tgt Ion: 75 Resp: 104954

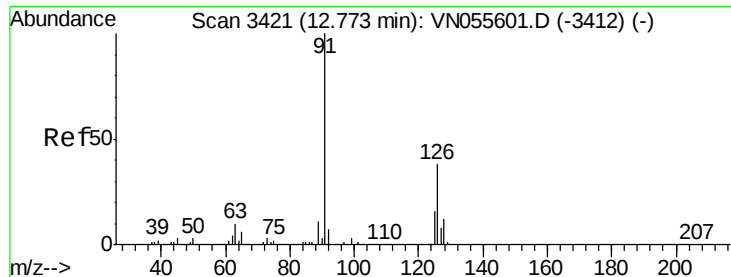
Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.0 36.4 54.6#





#82

4-Chlorotoluene

Concen: 0.281 ug/l

RT: 12.81 min Scan# 3432

Delta R.T. 0.04 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

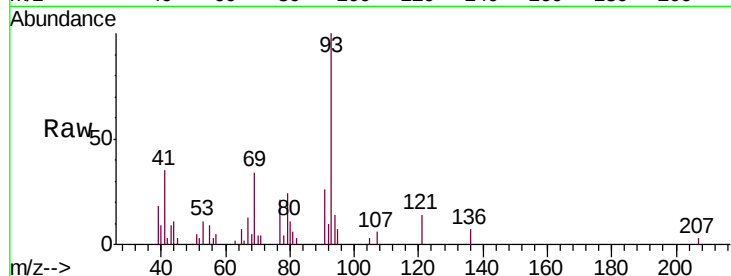
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion: 91 Resp: 3241

Ion Ratio Lower Upper

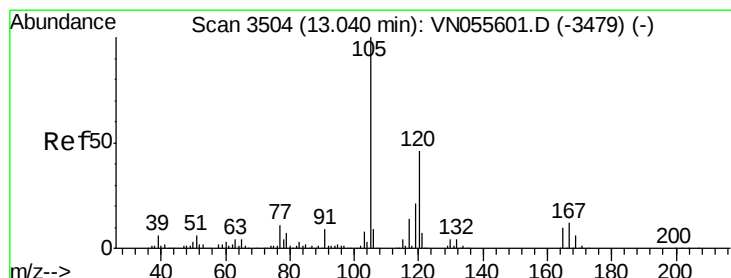
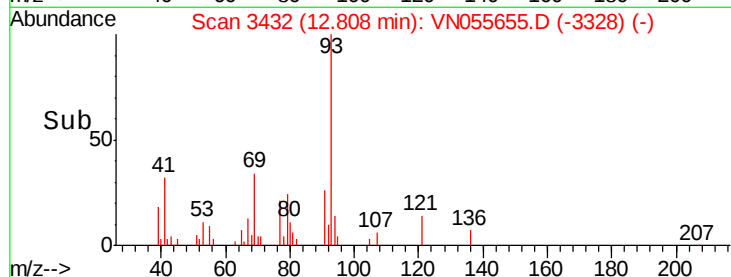
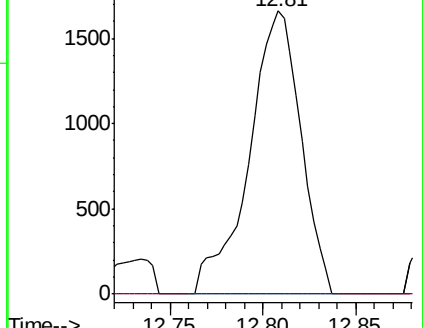
91 100

126 0.0 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055601.D (-3412) (-)



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055655.D

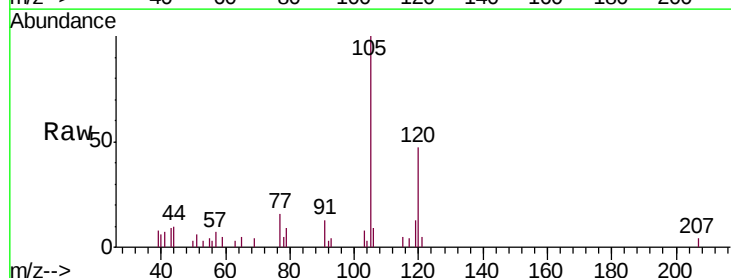
Acq: 18 May 2019 10:01

Tgt Ion: 105 Resp: 9895

Ion Ratio Lower Upper

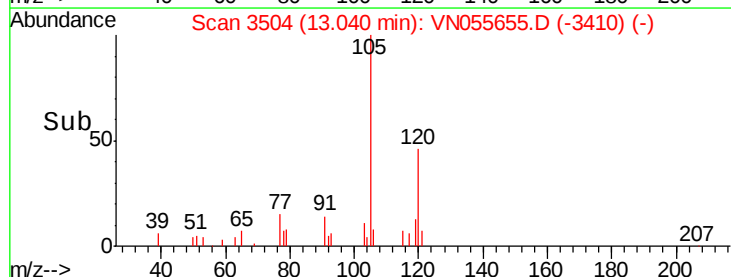
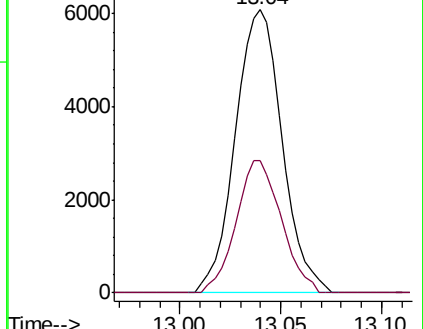
105 100

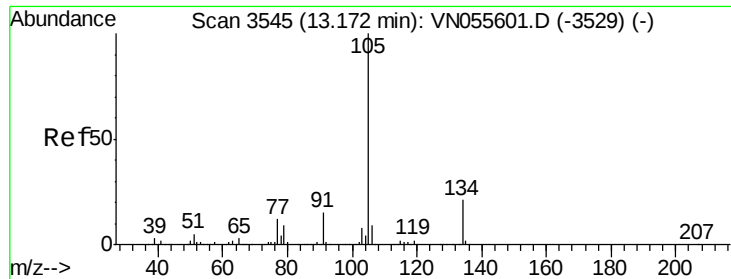
120 45.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): VN055601.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN055601.D (-3479) (-)





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.16 min Scan# 3540

Delta R.T. -0.02 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

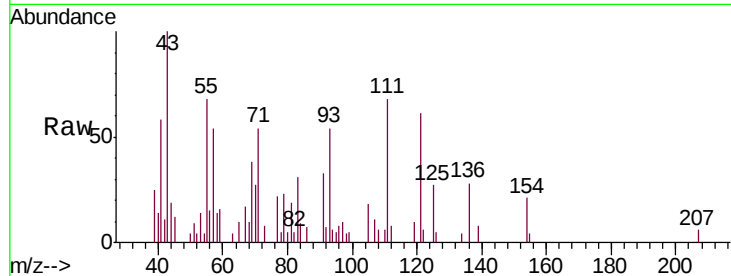
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion:105 Resp: 1641

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.16

800

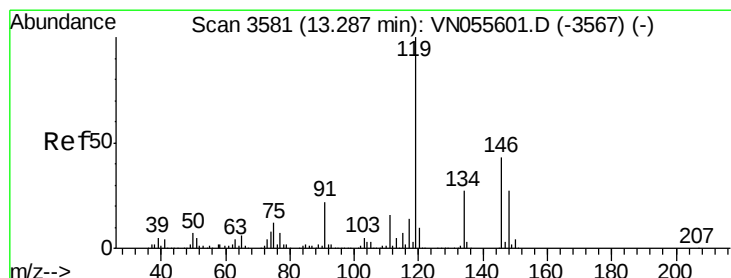
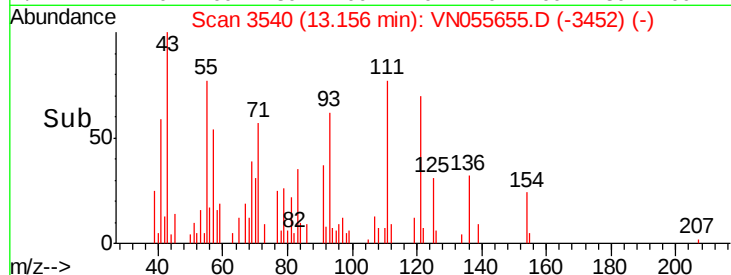
600

400

200

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 12.251 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

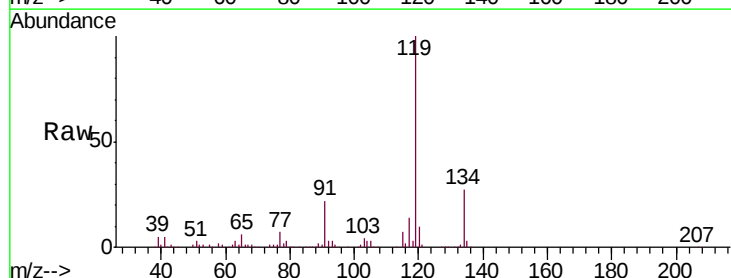
Tgt Ion:119 Resp: 186389

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 20.5 11.0 33.0



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

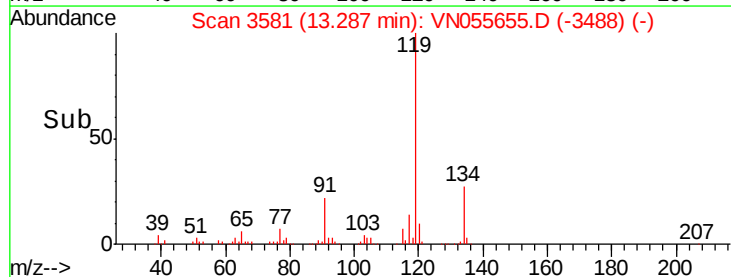
150000

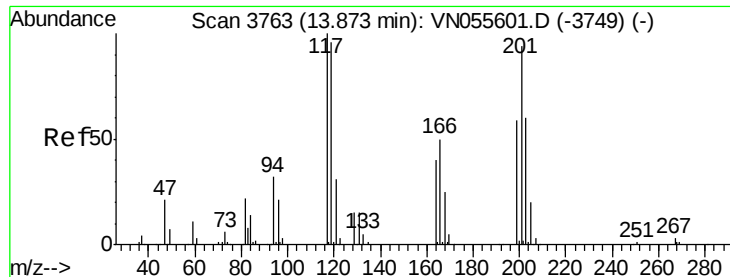
100000

50000

0

Time--> 13.20 13.30





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

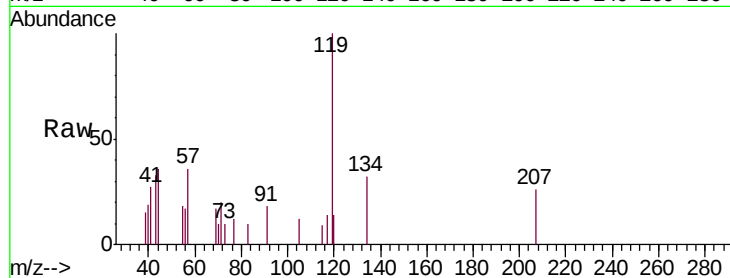
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion:117 Resp: 280

Ion Ratio Lower Upper

117 100

201 0.0 47.1 141.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

250

200

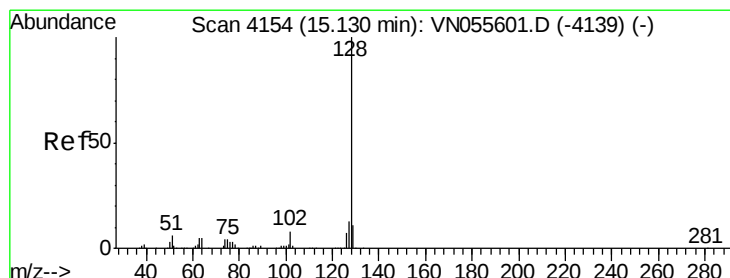
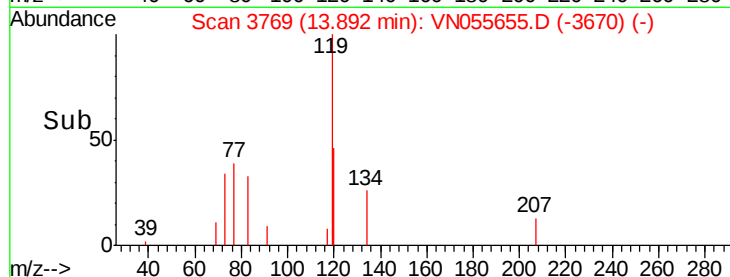
150

100

50

0

Time-->



#95

Naphthalene

Concen: 2.204 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

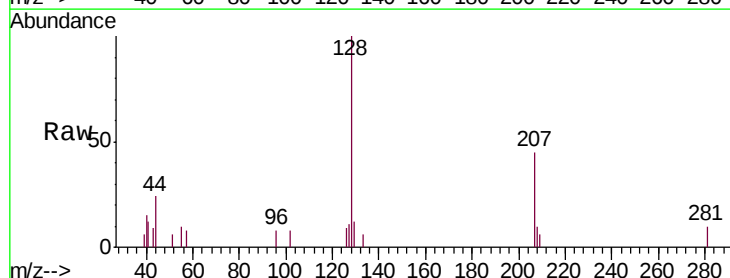
Tgt Ion:128 Resp: 5226

Ion Ratio Lower Upper

128 100

127 11.0 10.2 15.4

129 7.9 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

3000

2000

1000

0

Time-->

