

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061016.D
 Acq On : 16 Apr 2020 17:04
 Operator : JC/MD
 Sample : L2259-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR-2

Quant Time: Apr 17 03:58:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	159564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	271005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	253325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112658	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	108553	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
35) Dibromofluoromethane	7.56	113	81972	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
50) Toluene-d8	10.08	98	337833	56.49	ug/l	0.00
Spiked Amount			Recovery	=	112.98%	
62) 4-Bromofluorobenzene	12.39	95	124415	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.71	59	465	1.284	ug/l #	73
16) Acetone	3.78	43	50112	55.768	ug/l	99
17) Carbon Disulfide	4.03	76	2175	0.398	ug/l #	74
18) Methyl Acetate	4.30	43	2150	0.763	ug/l #	63
20) Methylene Chloride	4.52	84	17521	8.931	ug/l	93
25) 2-Butanone	6.80	43	19340	14.046	ug/l	96
28) Bromochloromethane	7.35	49	7446	4.377	ug/l #	19
29) Tetrahydrofuran	7.18	42	1160	1.241	ug/l #	36
30) Chloroform	7.35	83	87345	25.269	ug/l	98
31) Cyclohexane	7.64	56	3615	0.951	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12622	4.513	ug/l #	49
37) Ethyl Acetate	6.80	43	19340	6.369	ug/l #	69
38) Carbon Tetrachloride	7.64	117	15525	6.669	ug/l #	15
40) Benzene	8.02	78	1929	0.233	ug/l	98
43) Isopropyl Acetate	8.14	43	42323	8.570	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	579	0.258	ug/l #	43
48) Methyl methacrylate	9.17	41	3517	1.611	ug/l #	30
51) 4-Methyl-2-Pentanone	9.97	43	131194	46.082	ug/l	99
52) Toluene	10.14	92	1044	0.210	ug/l	89
54) cis-1,3-Dichloropropene	9.89	75	15866	4.587	ug/l #	60
56) Ethyl methacrylate	10.34	69	6395	2.159	ug/l #	68
57) 1,3-Dichloropropane	10.75	76	2341	0.697	ug/l #	43
59) 2-Hexanone	10.75	43	37495	18.262	ug/l #	56
68) m/p-Xylenes	11.61	106	2025	0.570	ug/l	98
69) o-Xylene	11.94	106	1409	0.412	ug/l	96
71) Bromoform	12.39	173	426	0.305	ug/l #	1
74) N-amyl acetate	12.02	43	3941	0.939	ug/l #	47
76) 1,2,3-Trichloropropane	12.39	75	63693	25.703	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	63693	63.399	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.03	105	2778	0.377	ug/l	94
86) p-Isopropyltoluene	13.28	119	1567	0.207	ug/l #	73
89) n-Butylbenzene	13.61	91	2335	0.332	ug/l	75
93) 1,2,4-Trichlorobenzene	14.90	180	804	0.379	ug/l	96
95) Naphthalene	15.13	128	5821	0.941	ug/l #	95

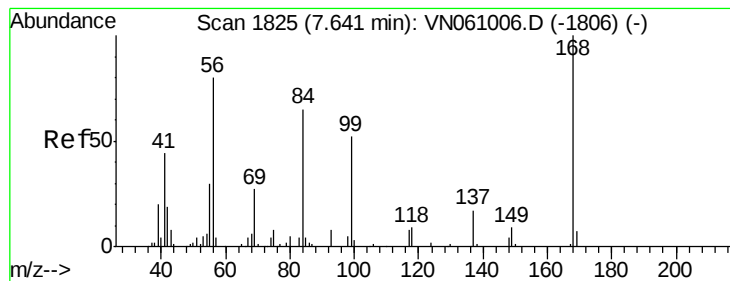
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	733	0.359	ug/l	80

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

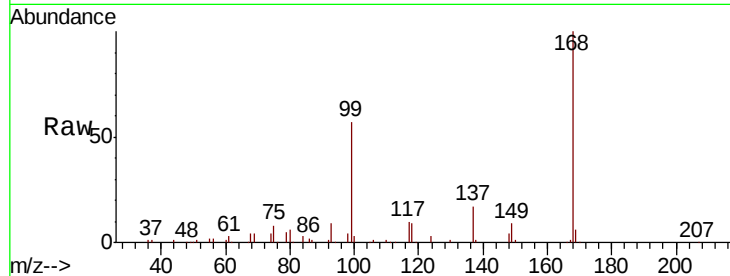
OIL-WATER-SEPARATOR-2

Tot Ion:168 Resp: 159564

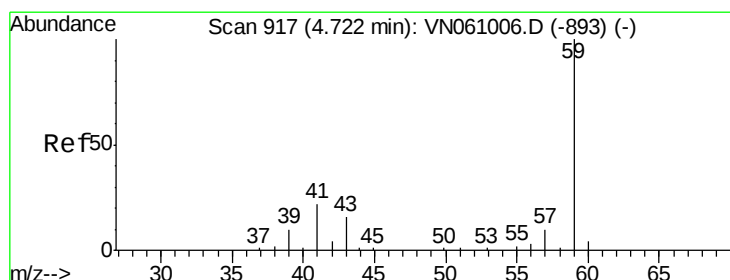
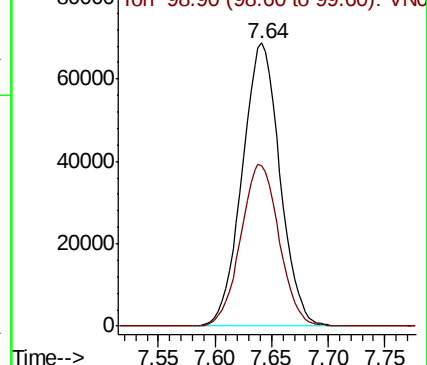
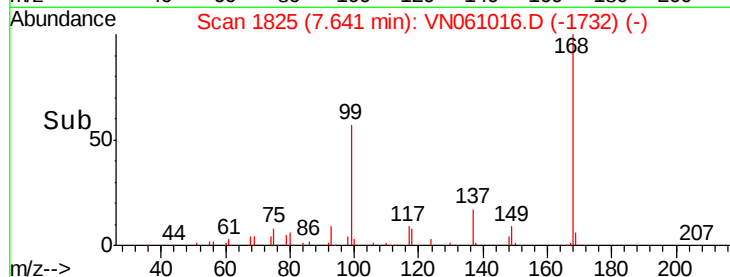
Ion Ratio Lower Upper

168 100

99 56.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061016.D (-1732) (-)



#11

Tert butyl alcohol

Concen: 1.284 ug/l

RT: 4.71 min Scan# 914

Delta R.T. -0.01 min

Lab File: VN061016.D

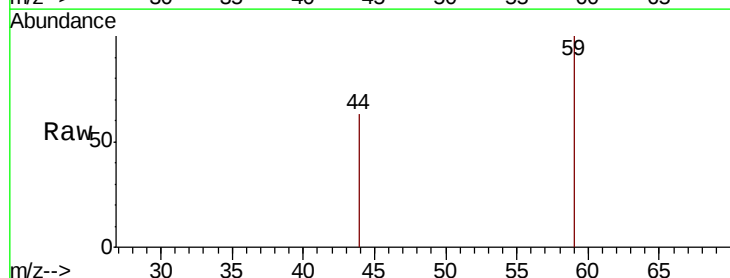
Acq: 16 Apr 2020 17:04

Tgt Ion: 59 Resp: 465

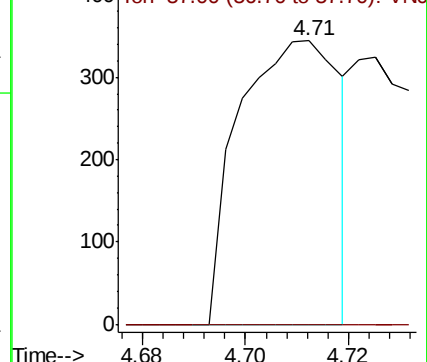
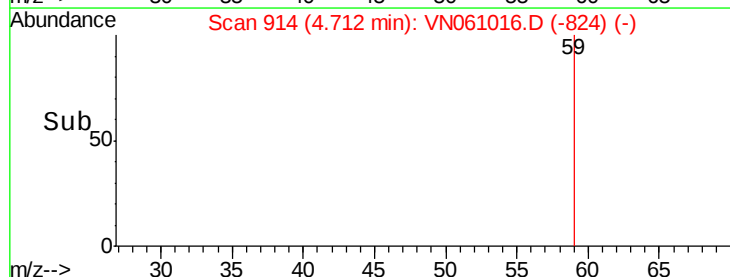
Ion Ratio Lower Upper

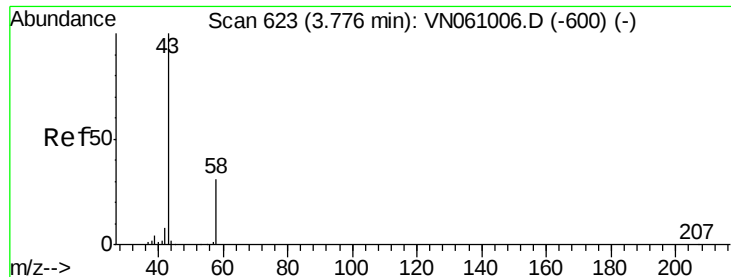
59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN061016.D (-824) (-)





#16

Acetone

Concen: 55.768 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

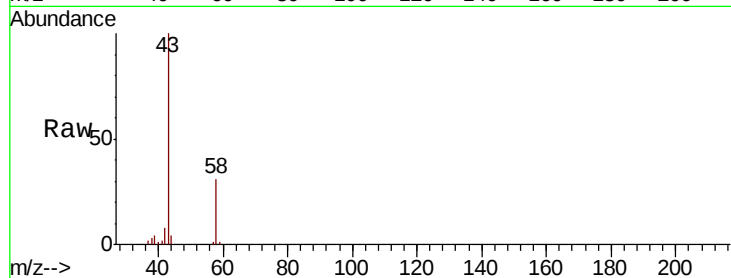
OIL-WATER-SEPARATOR-2

Tot Ion: 43 Resp: 50112

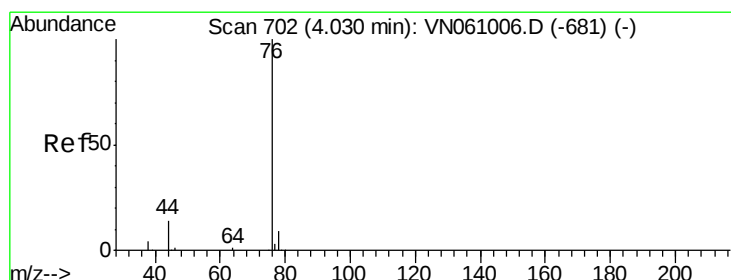
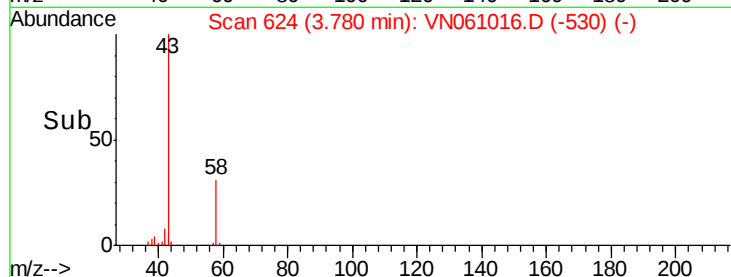
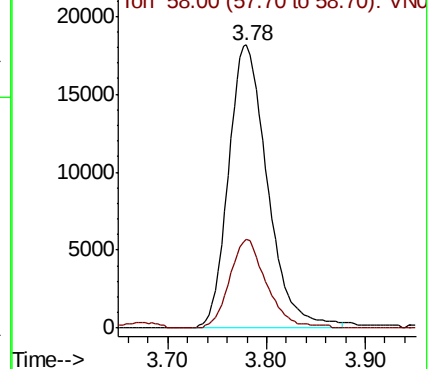
Ion Ratio Lower Upper

43 100

58 31.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061016.D (-530) (-)



#17

Carbon Disulfide

Concen: 0.398 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN061016.D

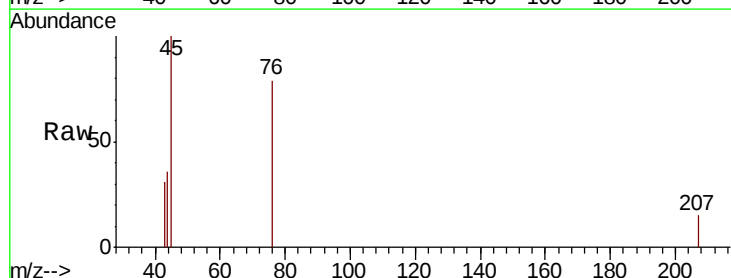
Acq: 16 Apr 2020 17:04

Tgt Ion: 76 Resp: 2175

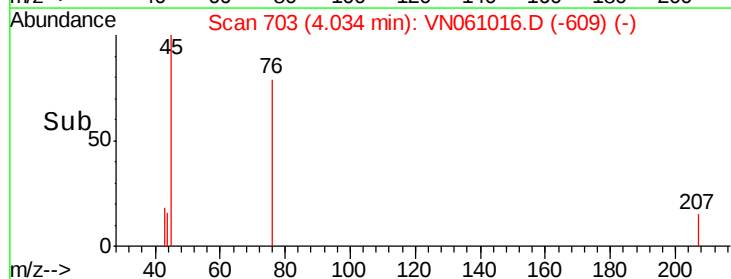
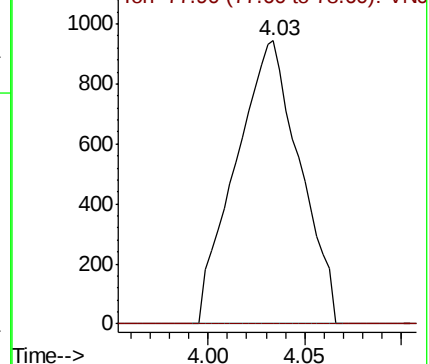
Ion Ratio Lower Upper

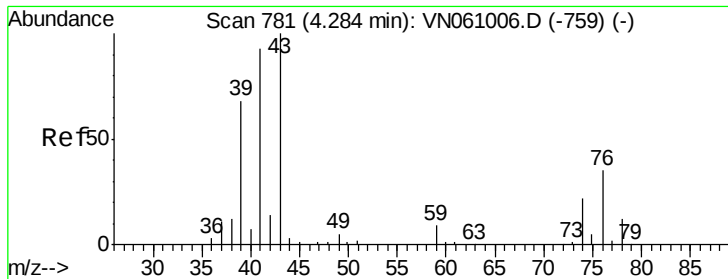
76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN061016.D (-609) (-)

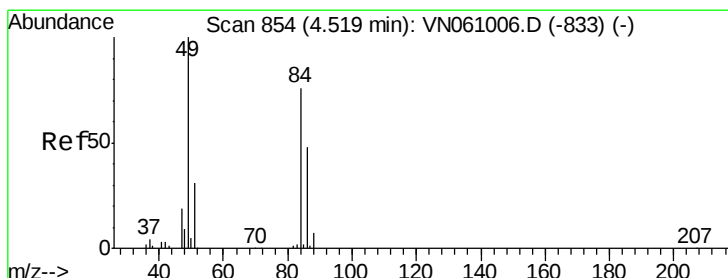
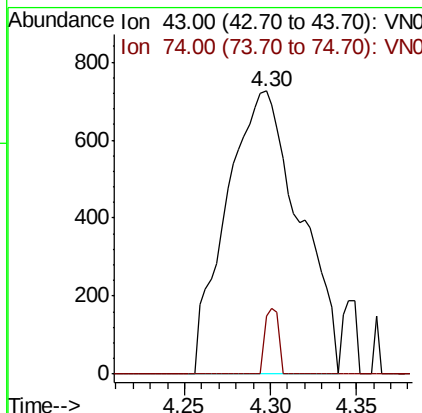
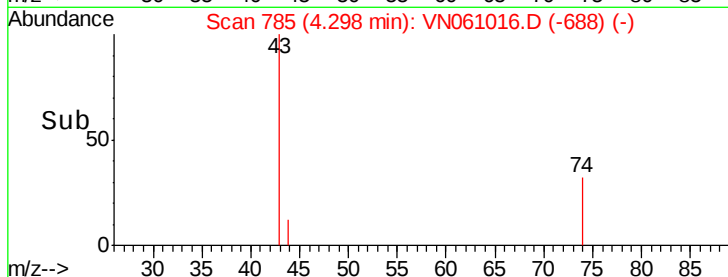
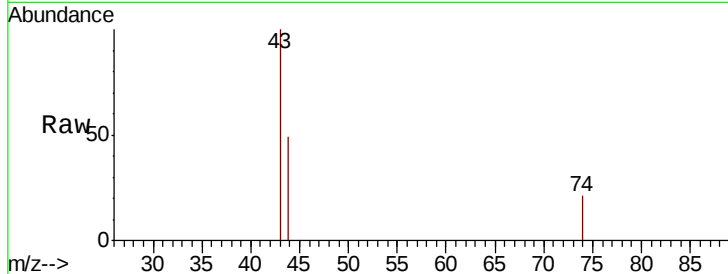




#18
Methyl Acetate
Concen: 0.763 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

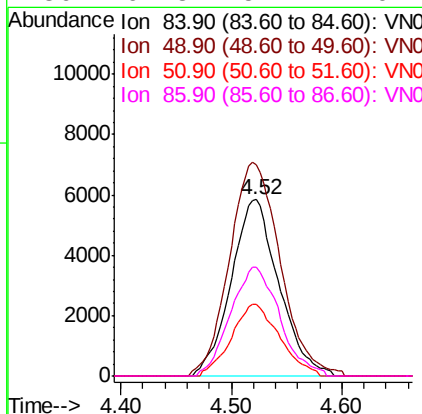
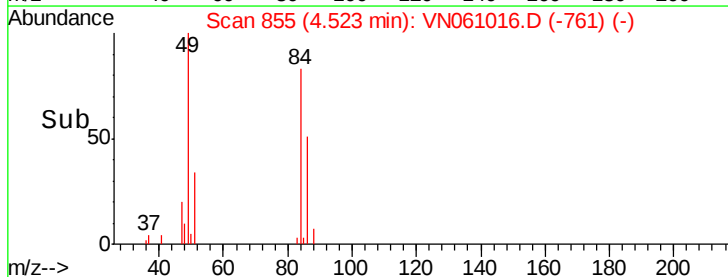
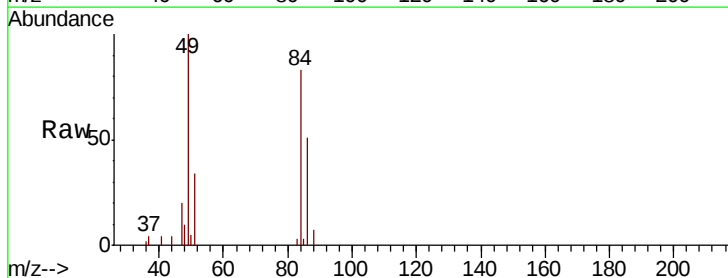
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-2

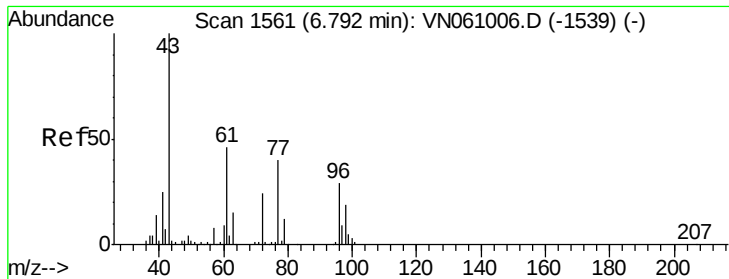
Tot Ion: 43 Resp: 2150
Ion Ratio Lower Upper
43 100
74 4.3 17.4 26.0#



#20
Methylene Chloride
Concen: 8.931 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Tgt Ion: 84 Resp: 17521
Ion Ratio Lower Upper
84 100
49 120.0 105.8 158.6
51 40.9 32.4 48.6
86 61.8 51.1 76.7





#25

2-Butanone

Concen: 14.046 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

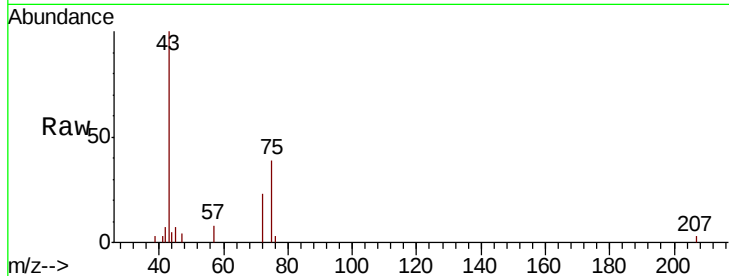
OIL-WATER-SEPARATOR-2

Tot Ion: 43 Resp: 19340

Ion Ratio Lower Upper

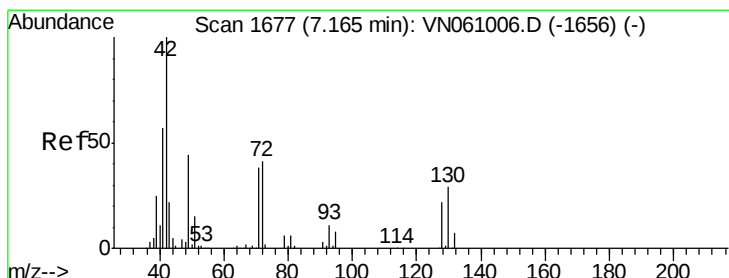
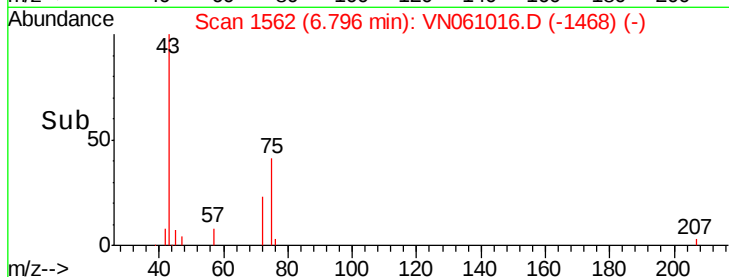
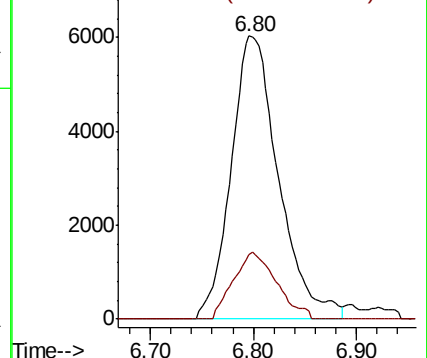
43 100

72 22.7 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN061016.D (-1539) (-)

Ion 72.00 (71.70 to 72.70): VN061016.D (-1539) (-)



#28

Bromochloromethane

Concen: 4.377 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.18 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

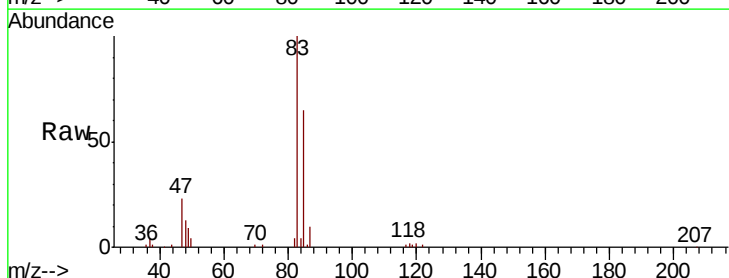
Tgt Ion: 49 Resp: 7446

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

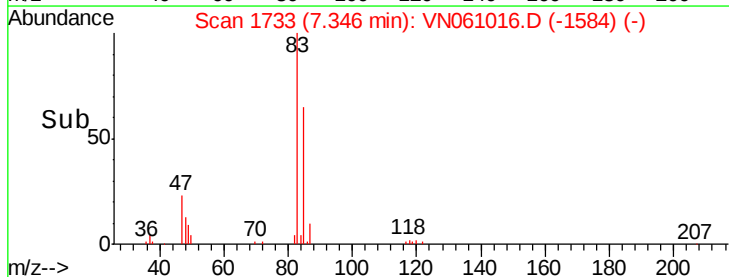
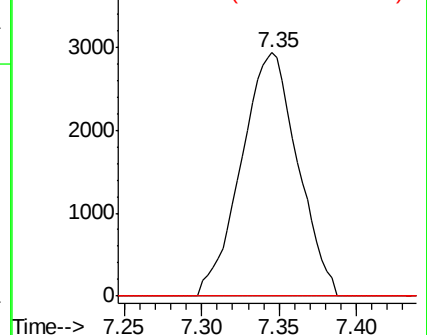
130 0.0 52.9 79.3#

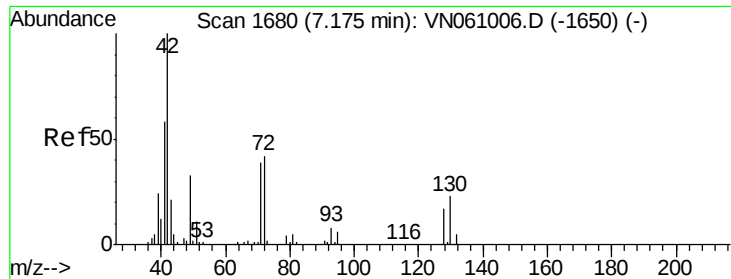


Abundance Ion 48.90 (48.60 to 49.60): VN061016.D (-1584) (-)

Ion 128.80 (128.50 to 129.50): VN061016.D (-1584) (-)

Ion 129.80 (129.50 to 130.50): VN061016.D (-1584) (-)

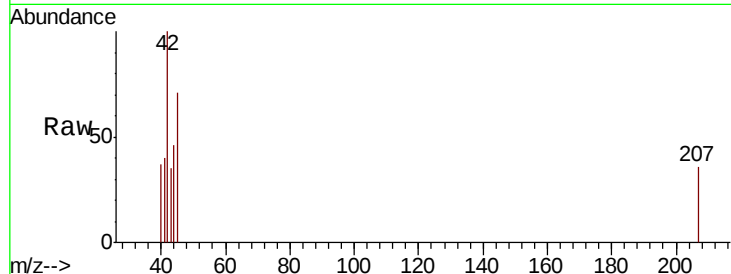




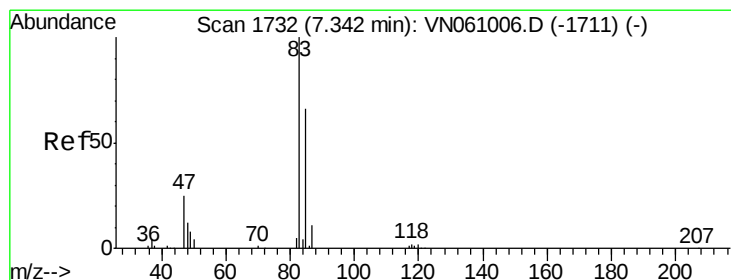
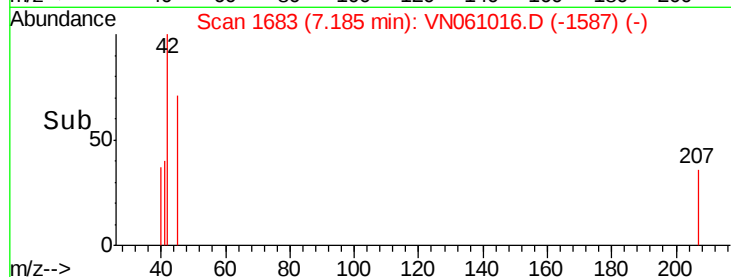
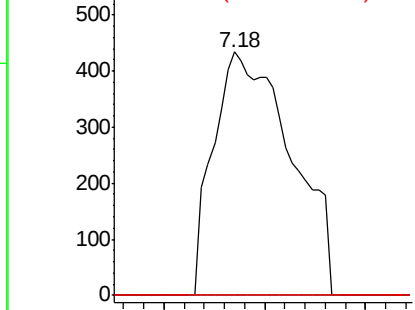
#29
Tetrahydrofuran
Concen: 1.241 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Instrument :
MSVOA_N
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OIL-WATER-SEPARATOR-2

Tot Ion: 42 Resp: 1160
Ion Ratio Lower Upper
42 100
72 0.0 32.1 48.1#
71 0.0 30.5 45.7#

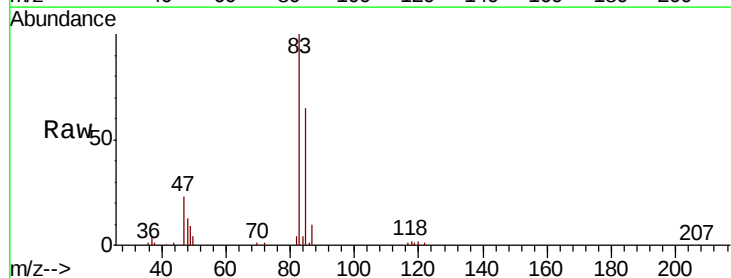


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

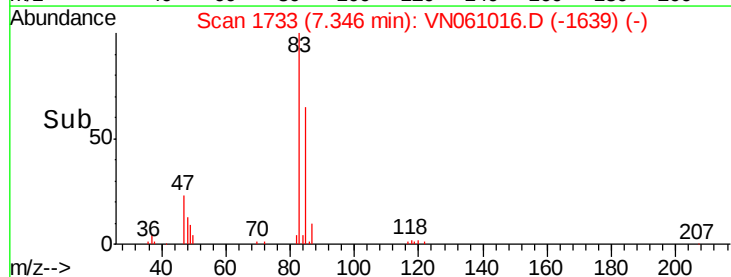
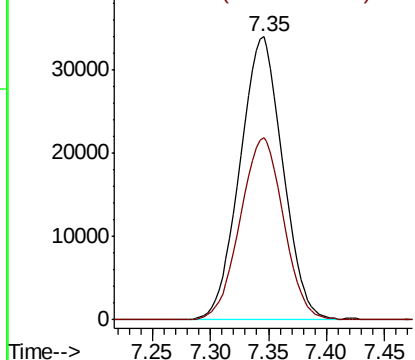


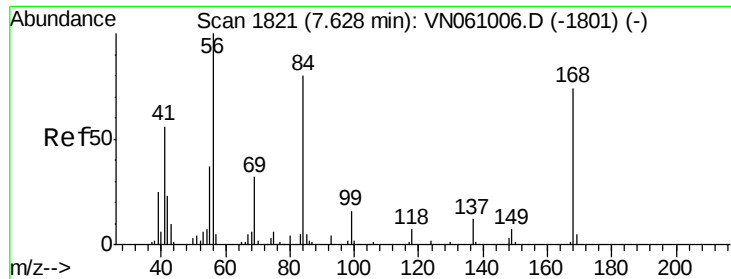
#30
Chloroform
Concen: 25.269 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Tgt Ion: 83 Resp: 87345
Ion Ratio Lower Upper
83 100
85 64.6 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

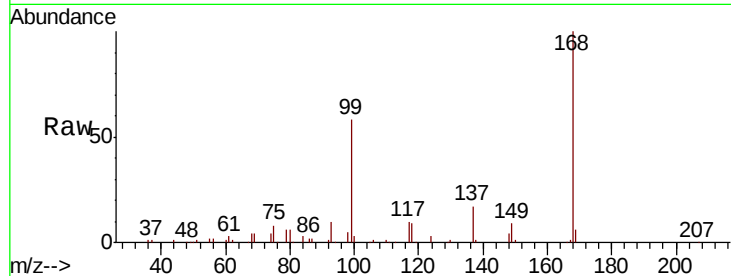




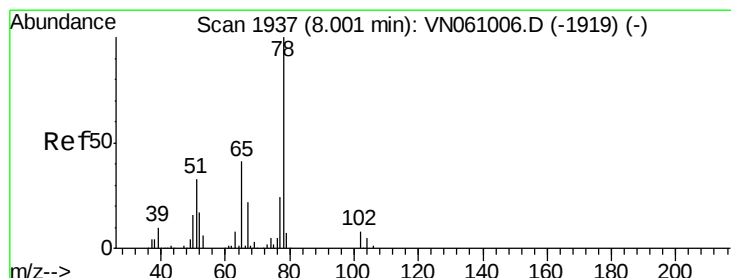
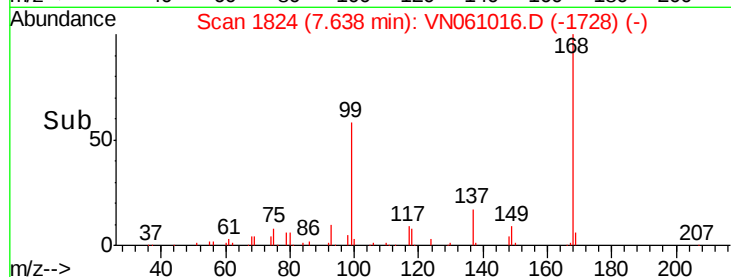
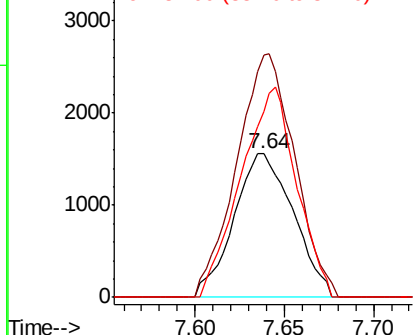
#31
Cyclohexane
Concen: 0.951 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tot Ion: 56 Resp: 3615
Ion Ratio Lower Upper
56 100
69 169.2 25.6 38.4#
84 129.7 63.4 95.2#

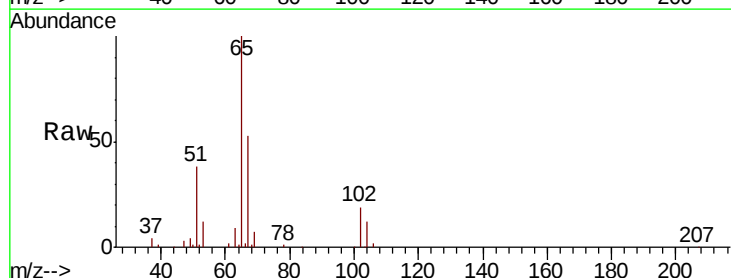


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

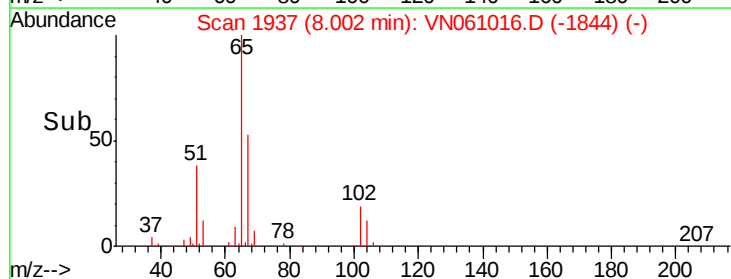
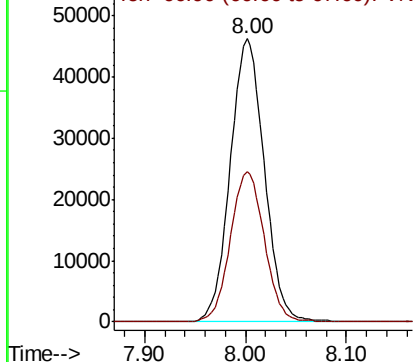


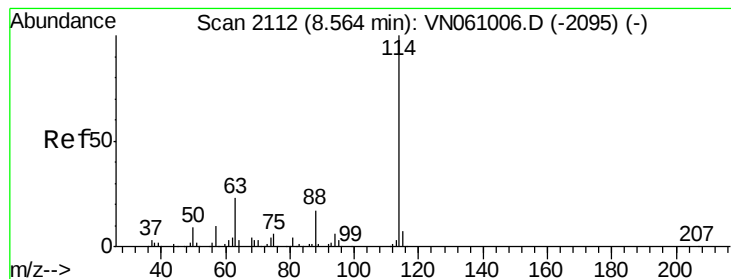
#33
1,2-Dichloroethane-d4
Concen: 53.173 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Tgt Ion: 65 Resp: 108553
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

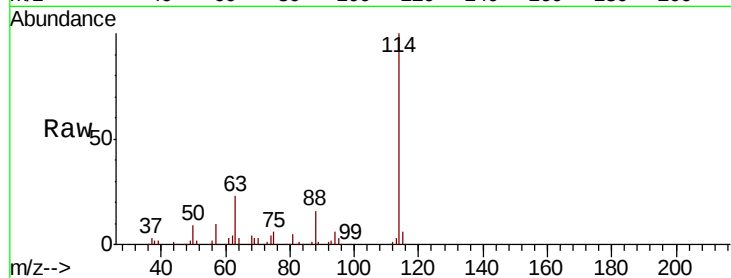
Tot Ion:114 Resp: 271005

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

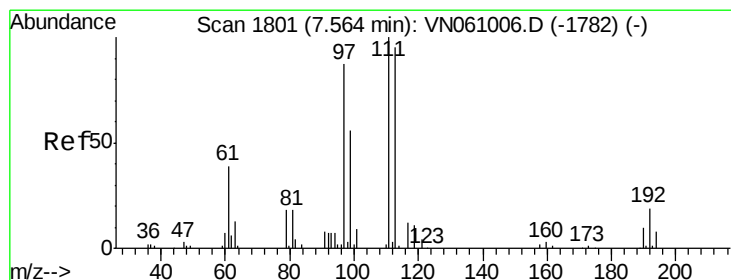
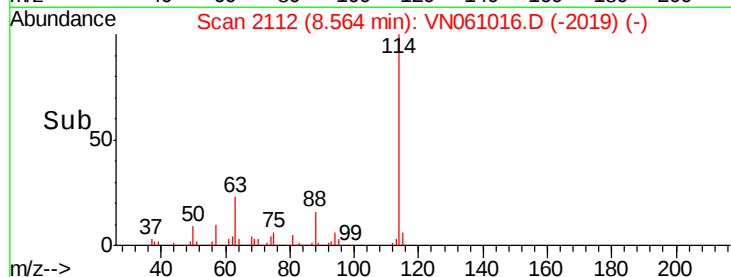
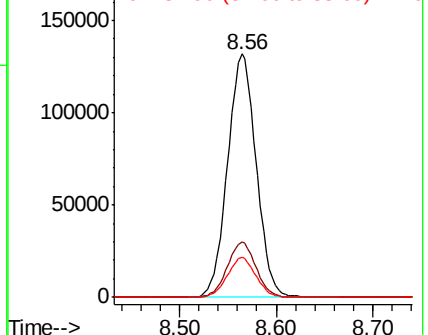
88 16.4 0.0 33.4



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: 51.795 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

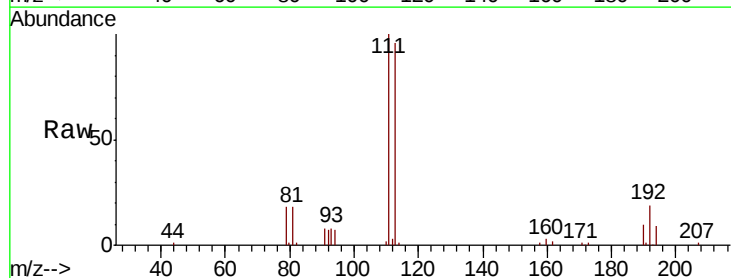
Tgt Ion:113 Resp: 81972

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

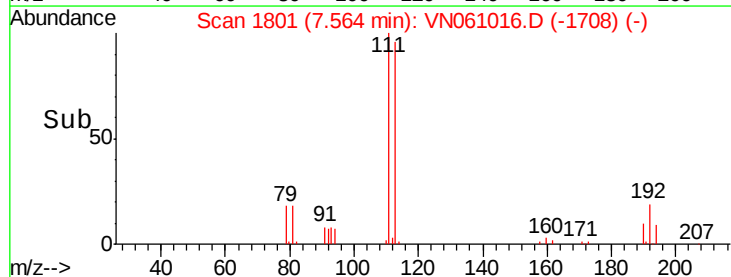
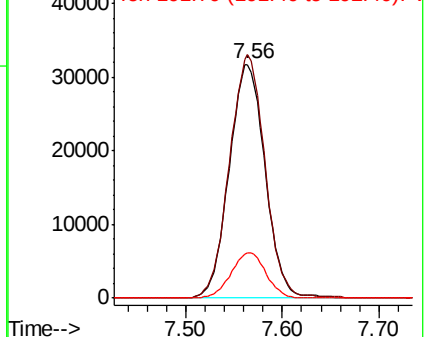
192 18.9 15.5 23.3

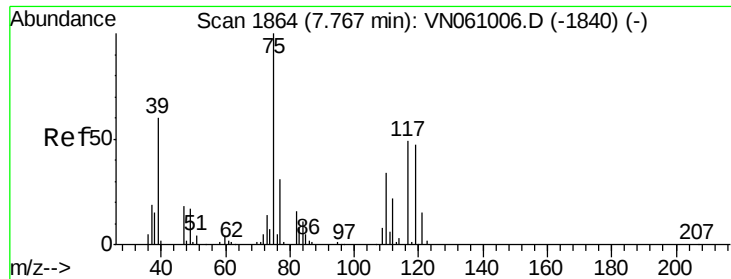


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.513 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.13 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

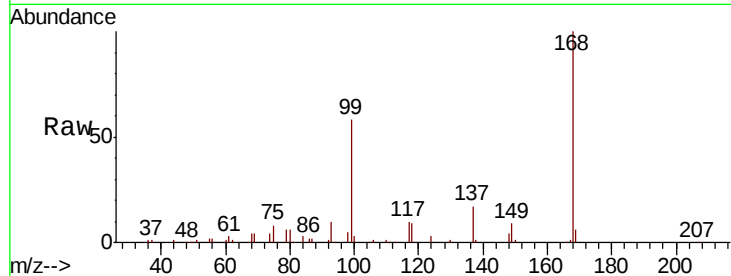
Tot Ion: 75 Resp: 12622

Ion Ratio Lower Upper

75 100

110 7.7 16.8 50.3#

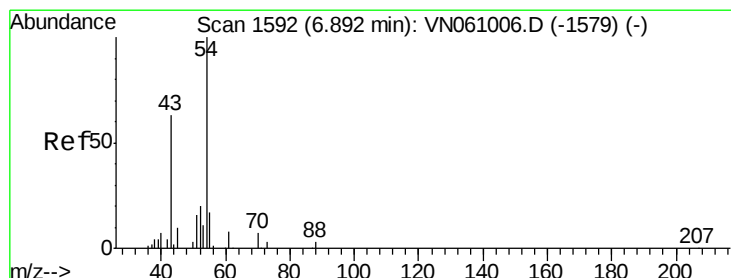
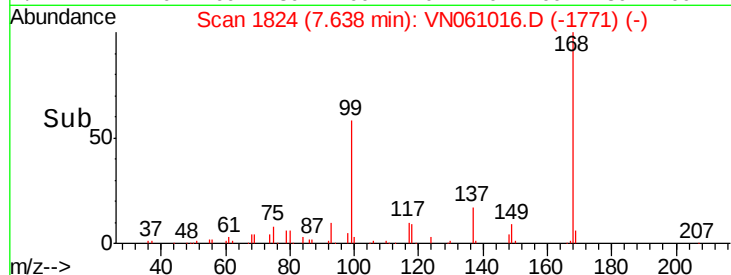
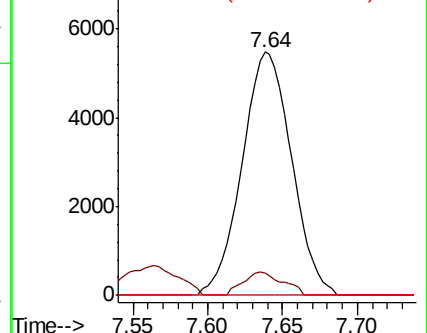
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 6.369 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

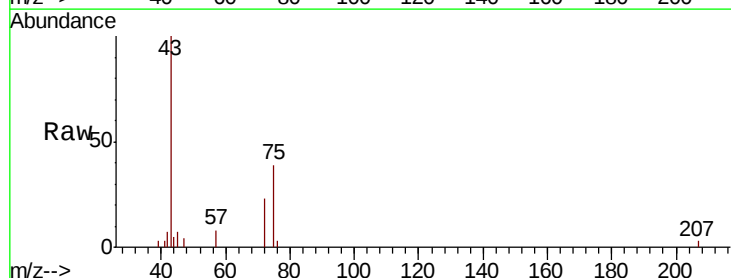
Tgt Ion: 43 Resp: 19340

Ion Ratio Lower Upper

43 100

61 0.0 10.9 16.3#

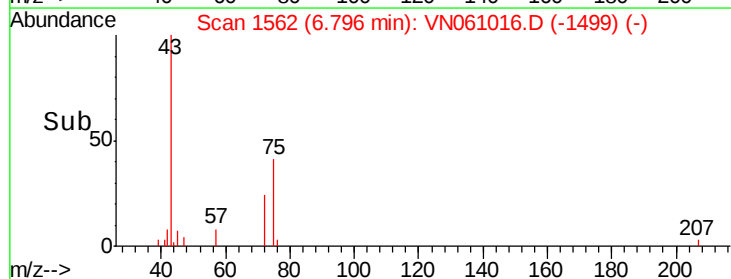
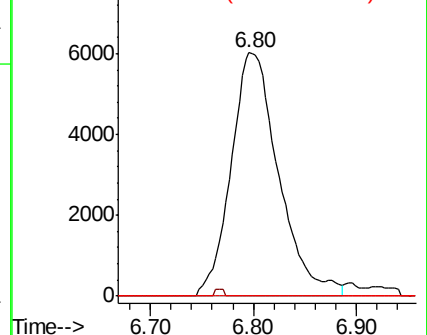
70 0.0 7.7 11.5#

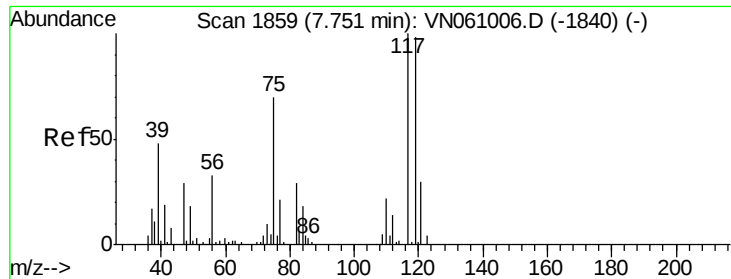


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

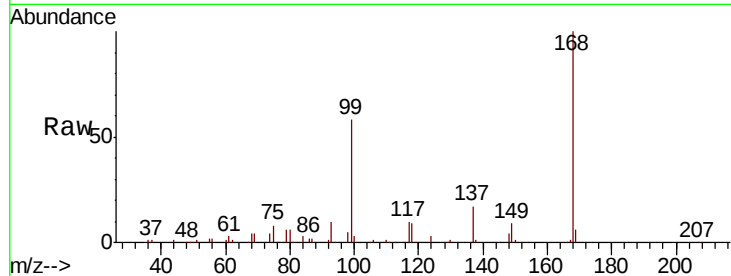




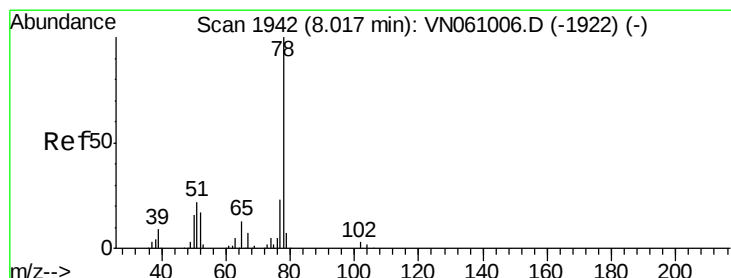
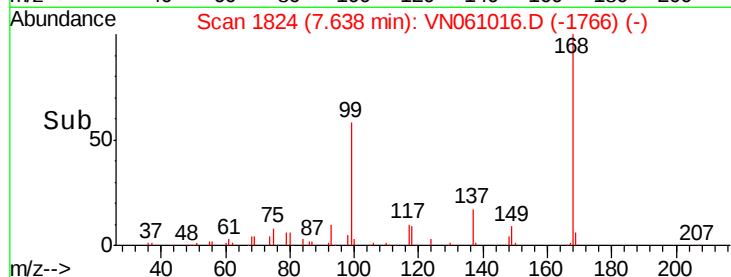
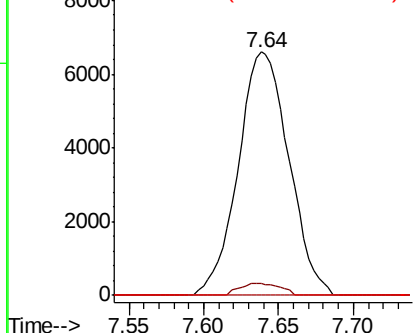
#38
Carbon Tetrachloride
Concen: 6.669 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tot Ion:117 Resp: 15525
Ion Ratio Lower Upper
117 100
119 4.8 78.1 117.1#
121 0.0 24.0 36.0#

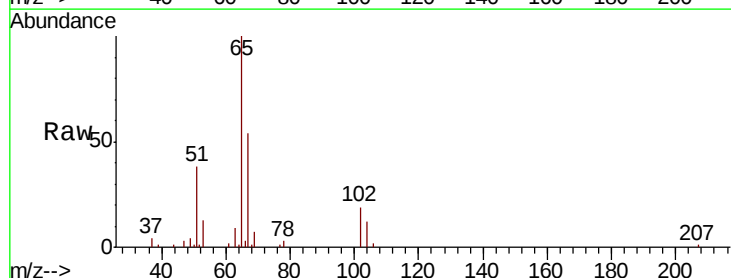


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

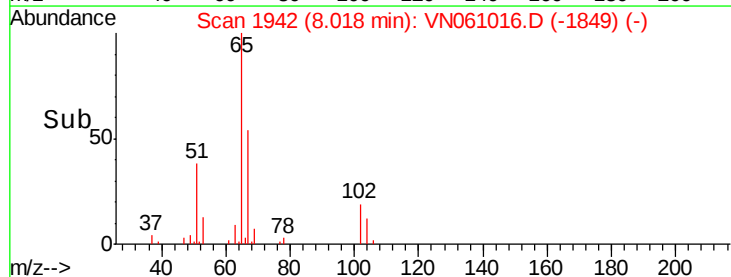
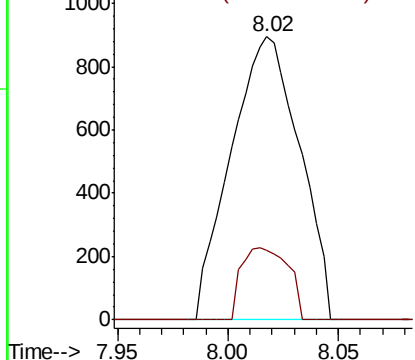


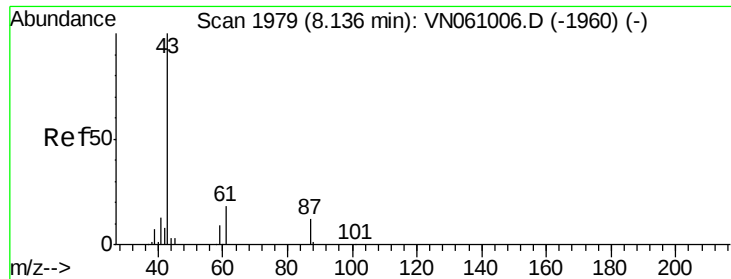
#40
Benzene
Concen: 0.233 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Tgt Ion: 78 Resp: 1929
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 8.570 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

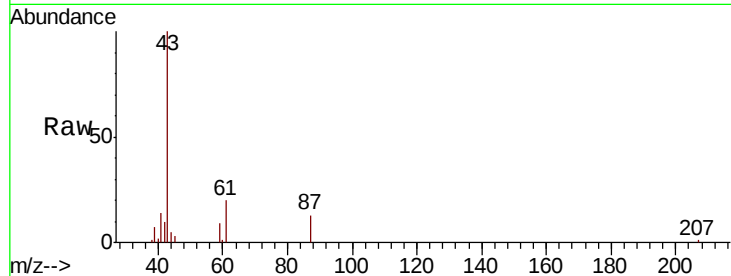
Tot Ion: 43 Resp: 42323

Ion Ratio Lower Upper

43 100

61 19.5 20.3 30.5#

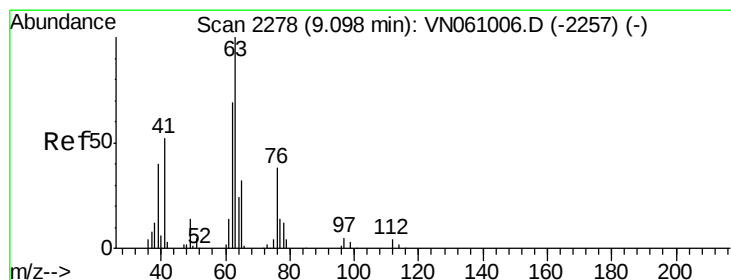
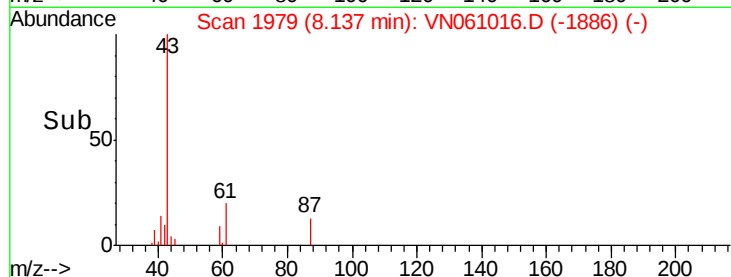
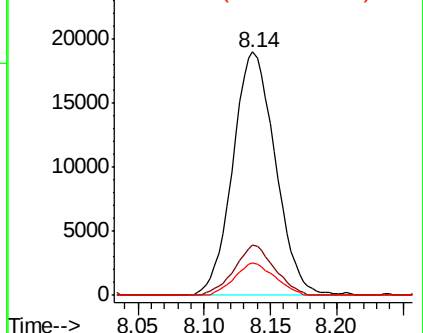
87 12.5 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061016.D (-1886) (-)

Ion 61.00 (60.70 to 61.70): VN061016.D (-1886) (-)

Ion 87.00 (86.70 to 87.70): VN061016.D (-1886) (-)



#45

1,2-Dichloropropane

Concen: 0.258 ug/l

RT: 9.25 min Scan# 2324

Delta R.T. 0.15 min

Lab File: VN061016.D

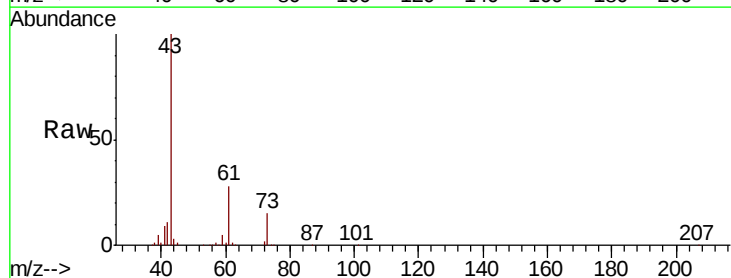
Acq: 16 Apr 2020 17:04

Tgt Ion: 63 Resp: 579

Ion Ratio Lower Upper

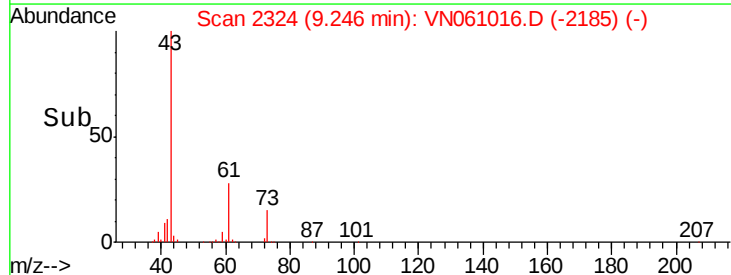
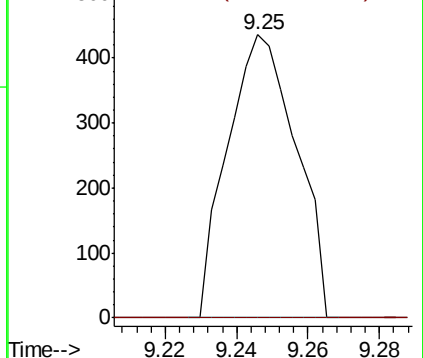
63 100

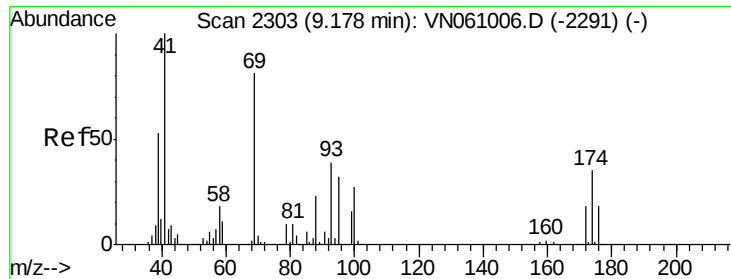
65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN061016.D (-2185) (-)

Ion 64.90 (64.60 to 65.60): VN061016.D (-2185) (-)

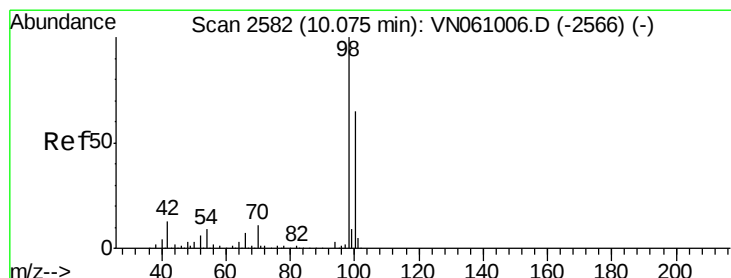
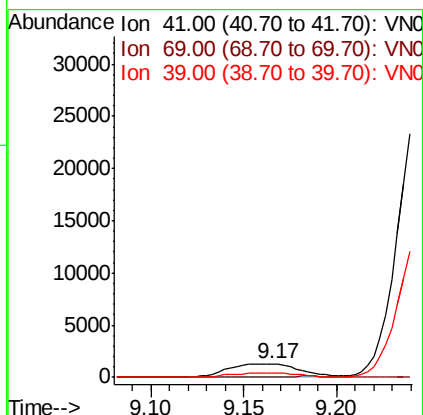
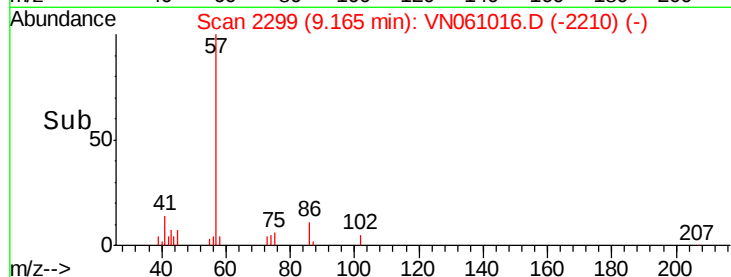
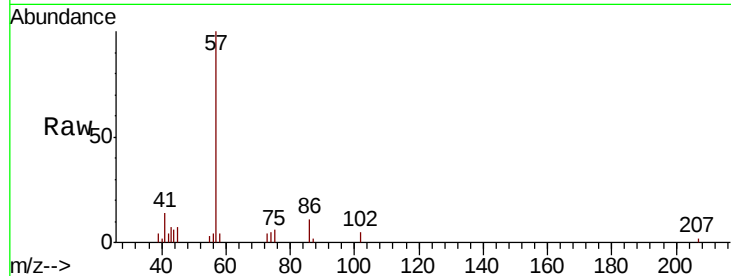




#48
Methvl methacrylate
Concen: 1.611 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.01 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

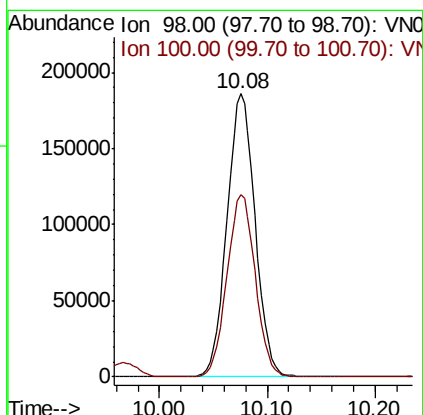
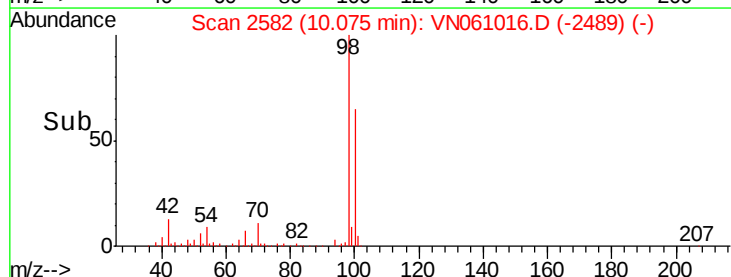
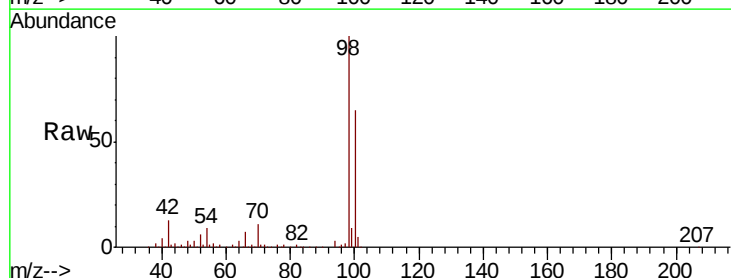
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-2

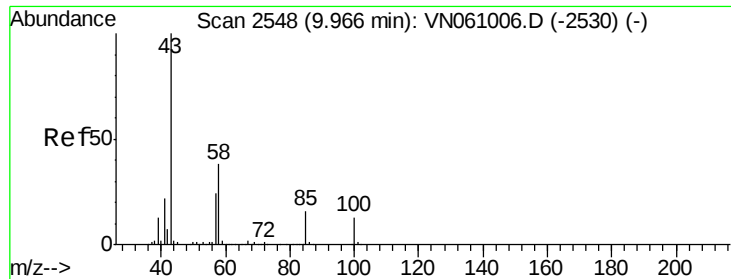
Tot Ion: 41 Resp: 3517
Ion Ratio Lower Upper
41 100
69 0.0 65.3 97.9#
39 28.1 45.2 67.8#



#50
Toluene-d8
Concen: 56.489 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Tgt Ion: 98 Resp: 337833
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 46.082 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

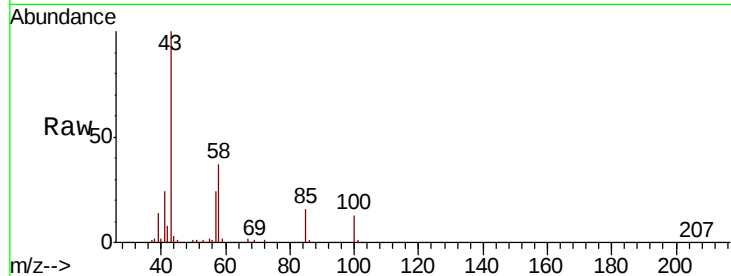
OIL-WATER-SEPARATOR-2

Tot Ion: 43 Resp: 131194

Ion Ratio Lower Upper

43 100

58 37.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

80000

60000

40000

20000

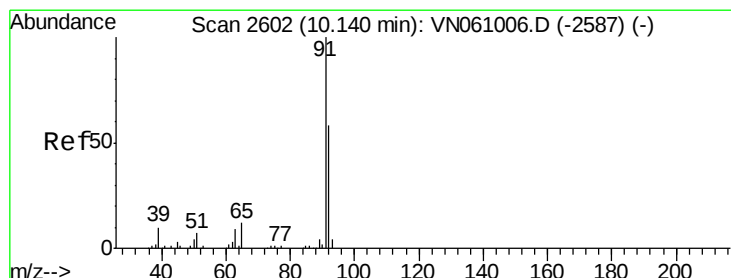
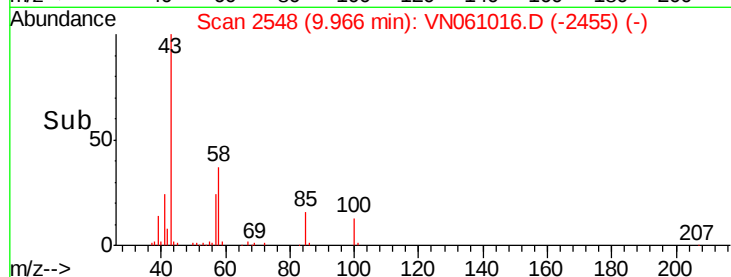
0

9.90

9.97

10.00

Time-->



#52

Toluene

Concen: 0.210 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN061016.D

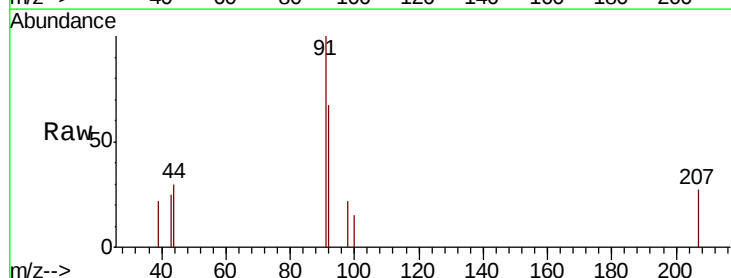
Acq: 16 Apr 2020 17:04

Tgt Ion: 92 Resp: 1044

Ion Ratio Lower Upper

92 100

91 186.9 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061006.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN061006.D (-2587) (-)

1200

1000

800

600

400

200

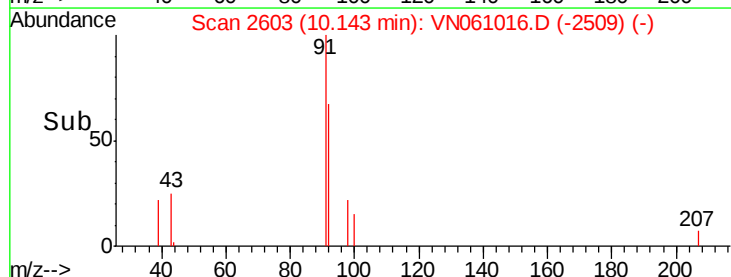
0

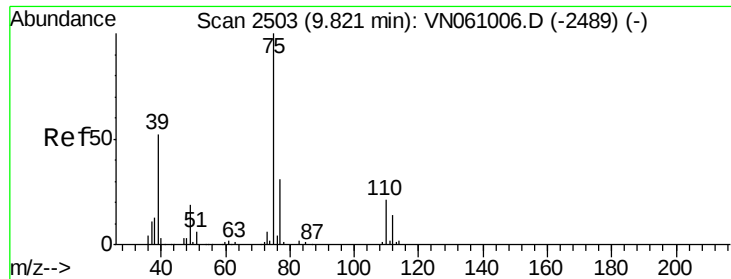
10.10

10.14

10.15

Time-->

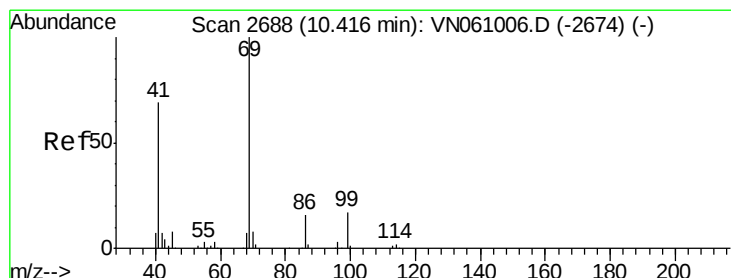
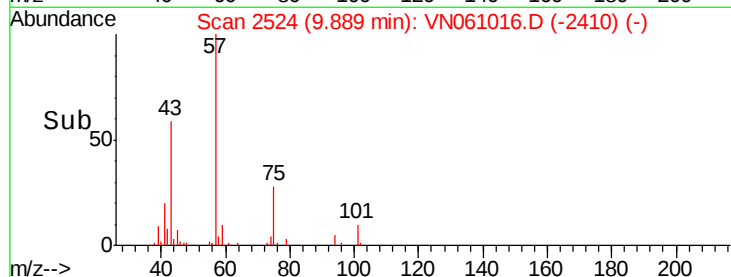
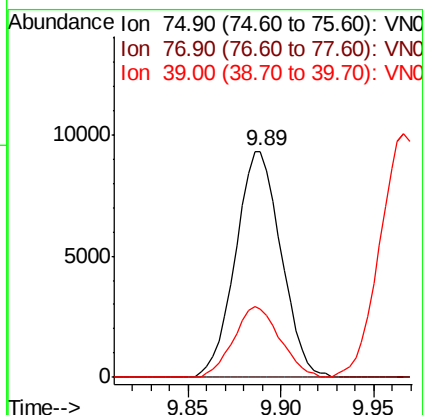
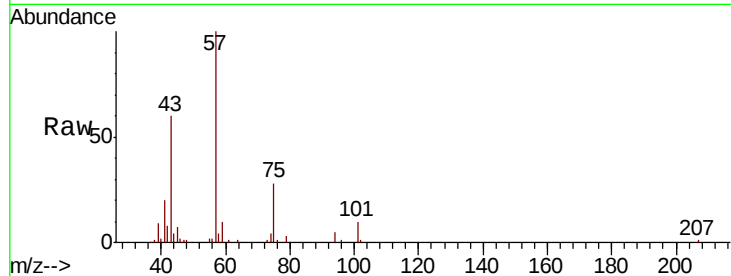




#54
 cis-1,3-Dichloropropene
 Concen: 4.587 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.07 min
 Lab File: VN061016.D
 Acq: 16 Apr 2020 17:04

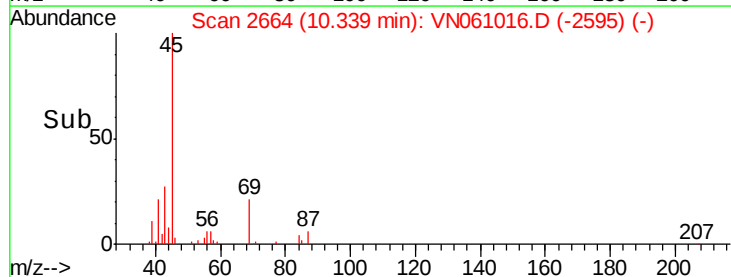
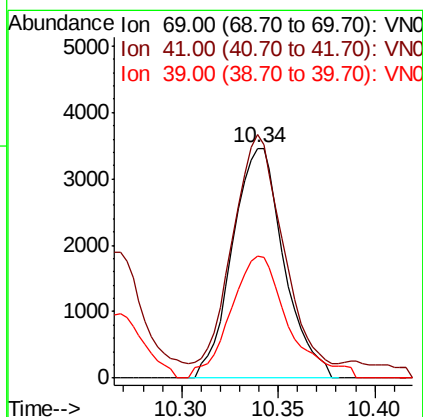
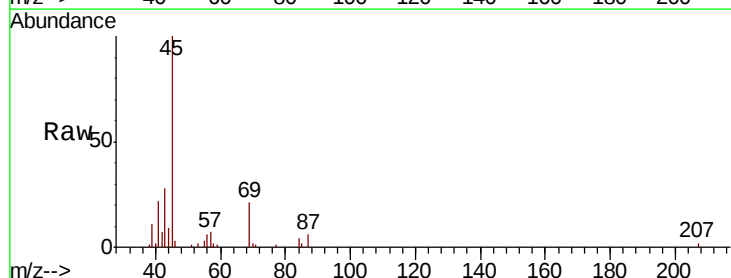
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR-2

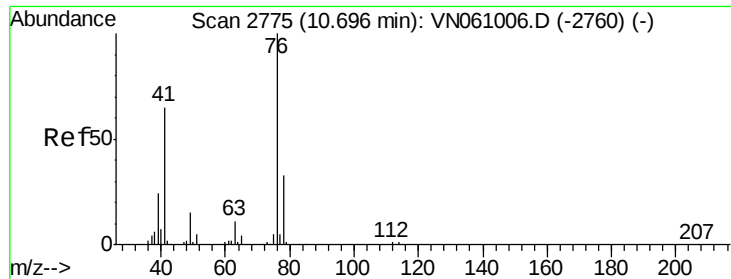
Tot Ion: 75 Resp: 15866
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 30.3 41.4 62.2#



#56
 Ethyl methacrylate
 Concen: 2.159 ug/l
 RT: 10.34 min Scan# 2664
 Delta R.T. -0.08 min
 Lab File: VN061016.D
 Acq: 16 Apr 2020 17:04

Tgt Ion: 69 Resp: 6395
 Ion Ratio Lower Upper
 69 100
 41 94.5 56.7 85.1#
 39 59.2 29.4 44.0#

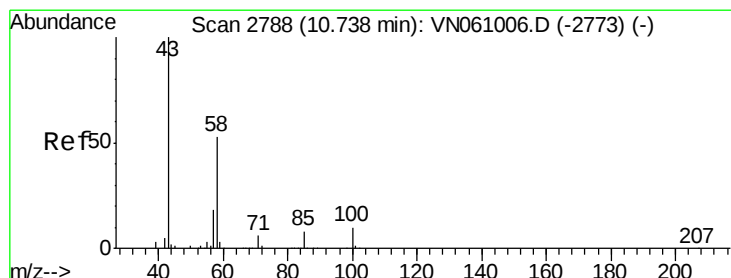
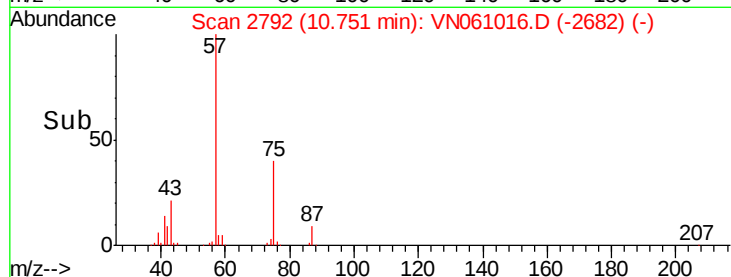
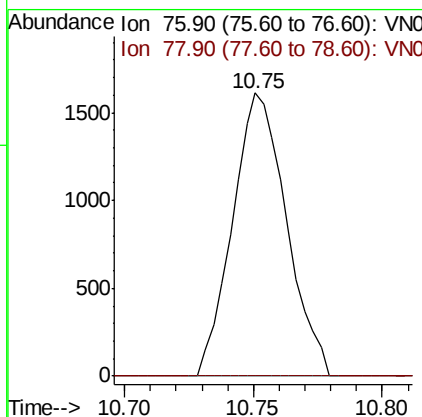
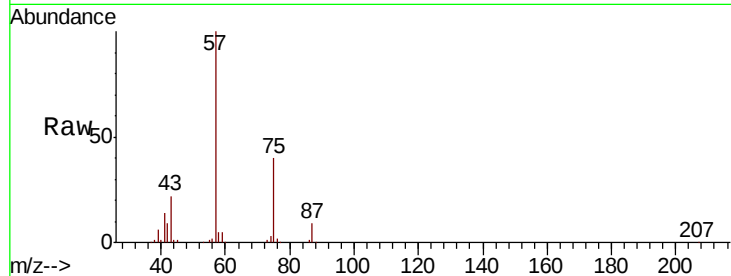




#57
 1,3-Dichloropropane
 Concen: 0.697 ug/l
 RT: 10.75 min Scan# 2792
 Delta R.T. 0.05 min
 Lab File: VN061016.D
 Acq: 16 Apr 2020 17:04

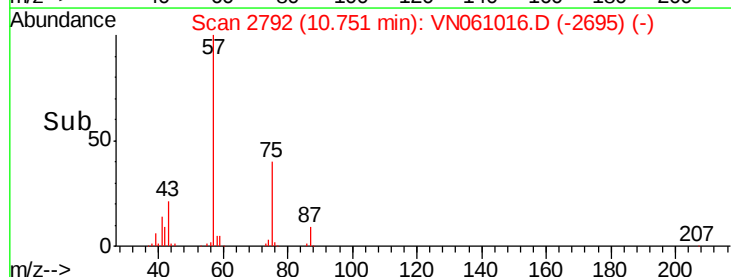
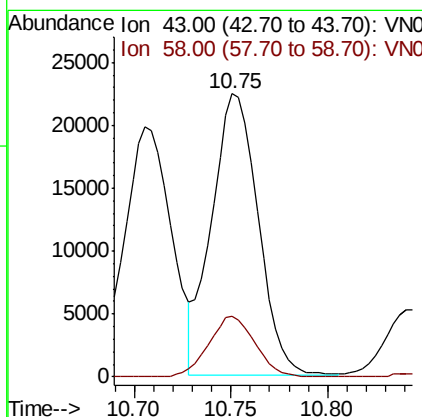
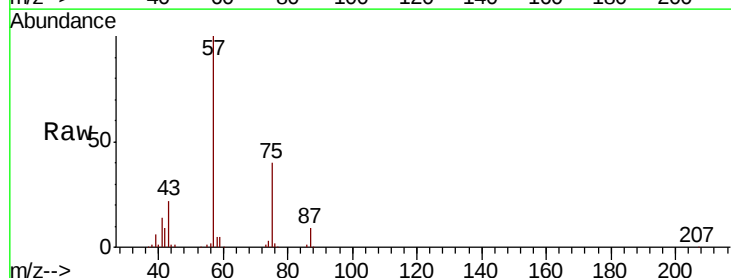
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR-2

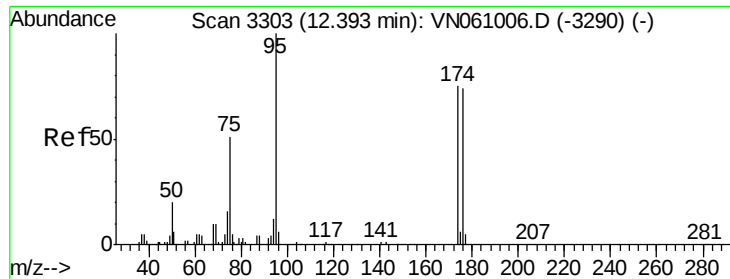
Tot Ion: 76 Resp: 2341
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#



#59
 2-Hexanone
 Concen: 18.262 ug/l
 RT: 10.75 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: VN061016.D
 Acq: 16 Apr 2020 17:04

Tgt Ion: 43 Resp: 37495
 Ion Ratio Lower Upper
 43 100
 58 21.4 26.4 79.0#





#62

4-Bromofluorobenzene

Concen: 53.080 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

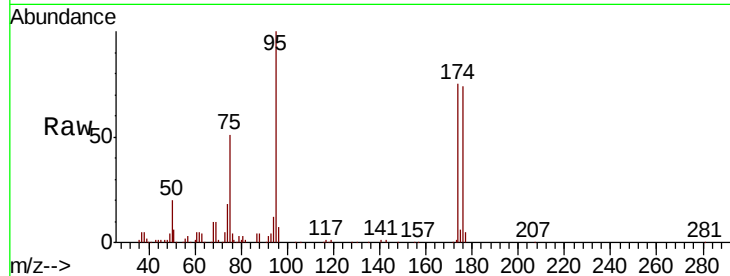
Tot Ion: 95 Resp: 124415

Ion Ratio Lower Upper

95 100

174 76.7 0.0 151.2

176 74.5 0.0 148.2

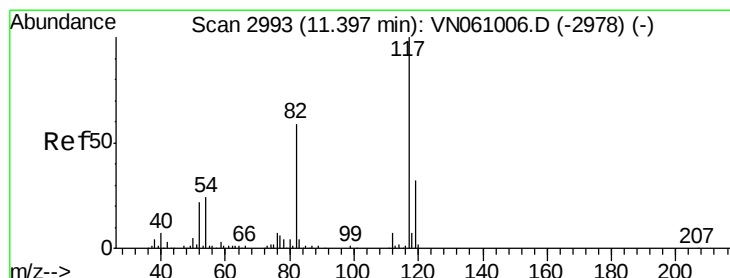
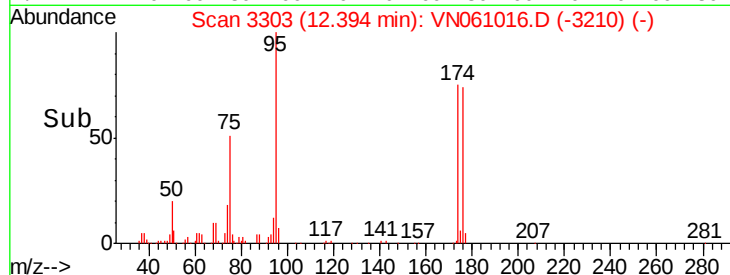
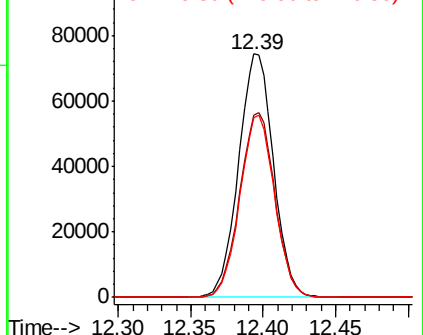


Abundance

Ion 94.90 (94.60 to 95.60): VN061016.D (-3210) (-)

Ion 173.80 (173.50 to 174.50): VN061016.D (-3210) (-)

Ion 175.80 (175.50 to 176.50): VN061016.D (-3210) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

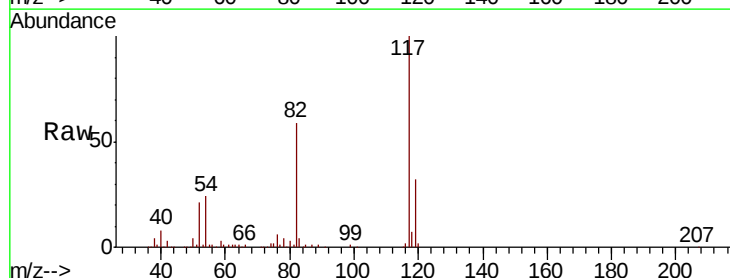
Tgt Ion: 117 Resp: 253325

Ion Ratio Lower Upper

117 100

82 58.7 47.1 70.7

119 32.1 25.7 38.5

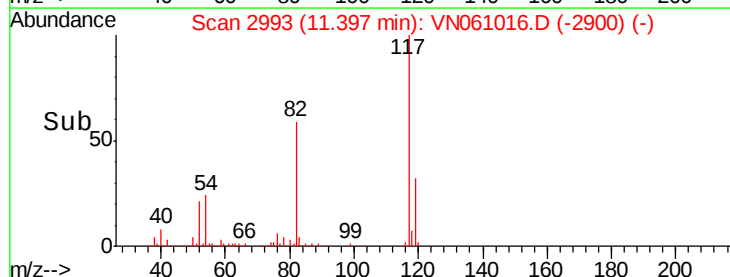
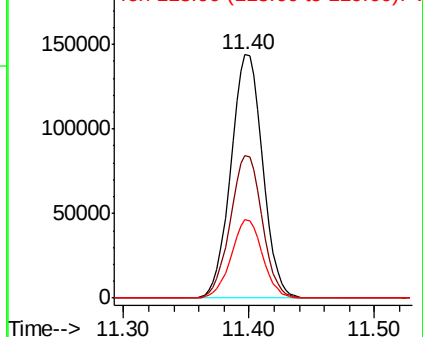


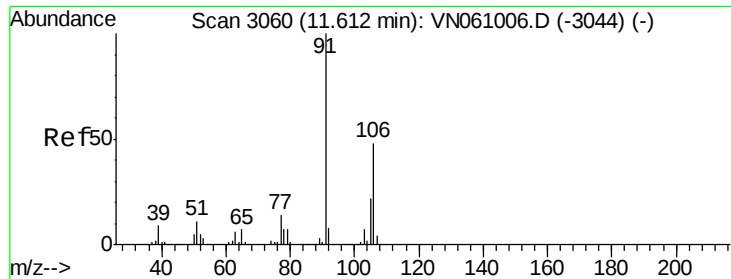
Abundance

Ion 116.90 (116.60 to 117.60): VN061016.D (-2900) (-)

Ion 82.00 (81.70 to 82.70): VN061016.D (-2900) (-)

Ion 118.90 (118.60 to 119.60): VN061016.D (-2900) (-)

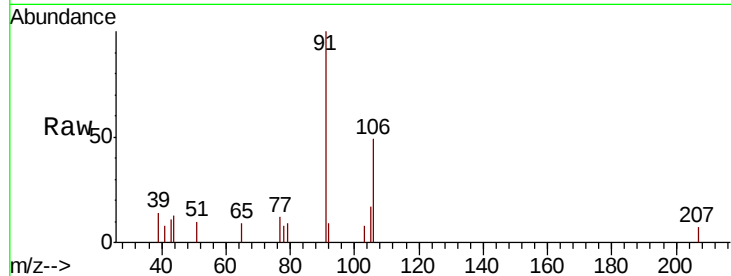




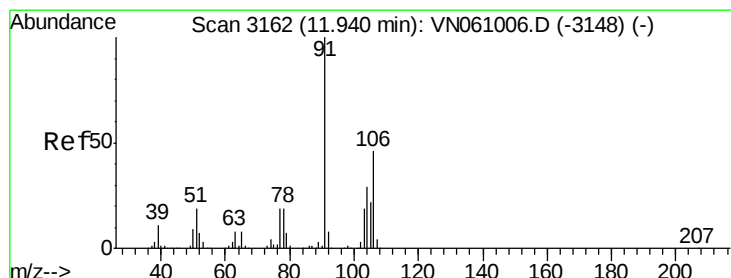
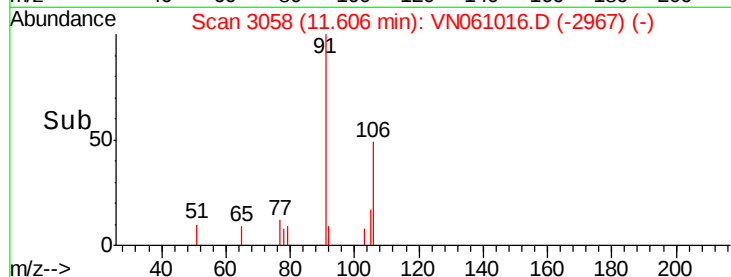
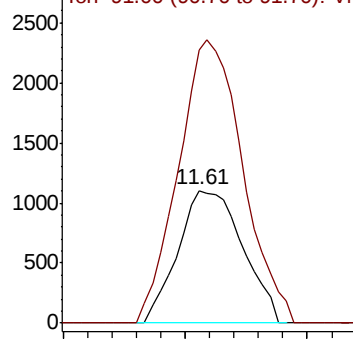
#68
m/p-Xylenes
Concen: 0.570 ug/l
RT: 11.61 min Scan# 3058
Delta R.T. -0.01 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tot Ion:106 Resp: 2025
Ion Ratio Lower Upper
106 100
91 212.9 167.9 251.9

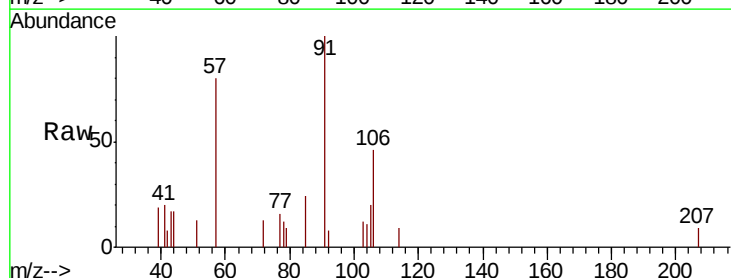


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

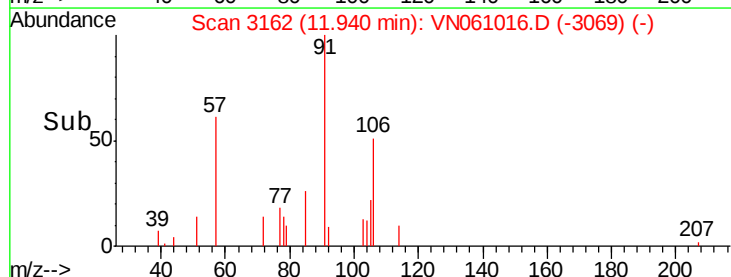
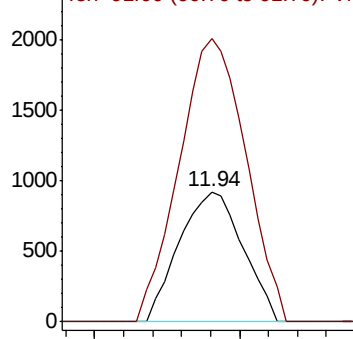


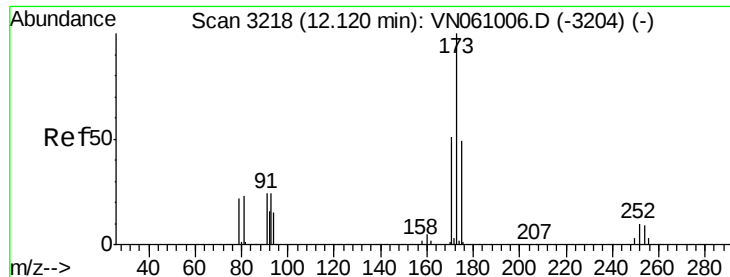
#69
o-Xylene
Concen: 0.412 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Tgt Ion:106 Resp: 1409
Ion Ratio Lower Upper
106 100
91 227.7 110.7 332.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.305 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

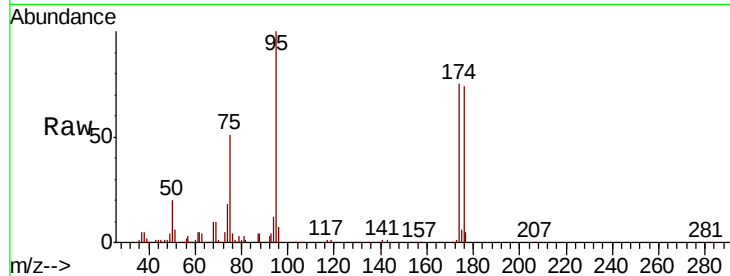
Tot Ion:173 Resp: 426

Ion Ratio Lower Upper

173 100

175 1485.4 24.5 73.5#

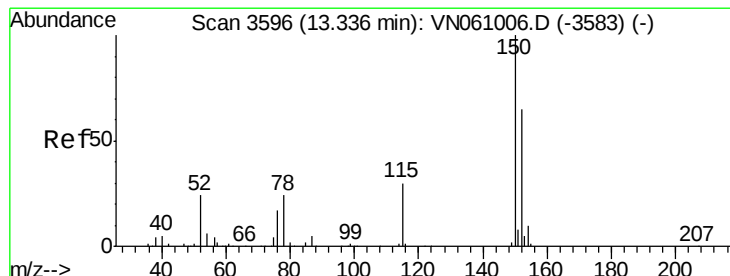
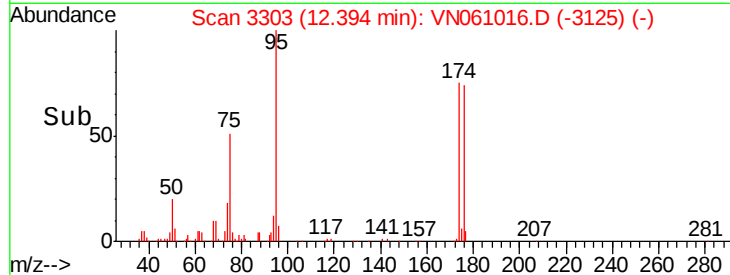
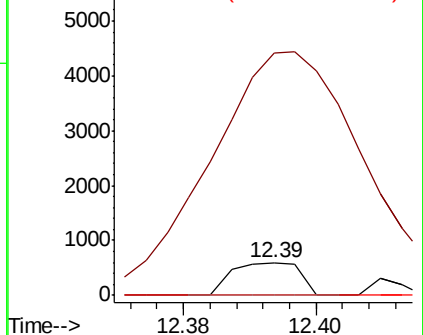
254 0.0 0.0 0.0



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# 3597

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

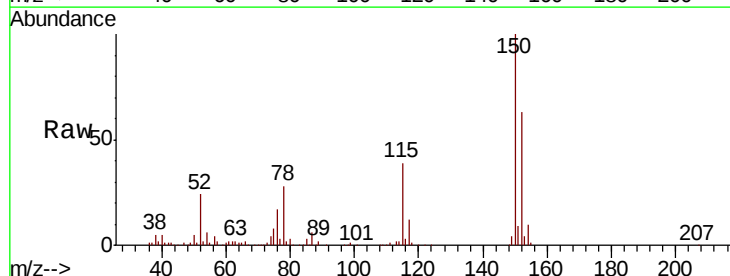
Tgt Ion:152 Resp: 112658

Ion Ratio Lower Upper

152 100

115 61.5 30.8 92.4

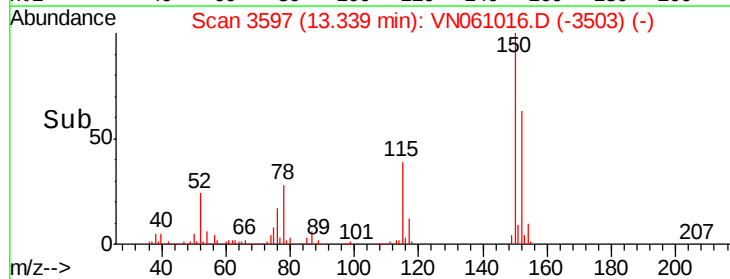
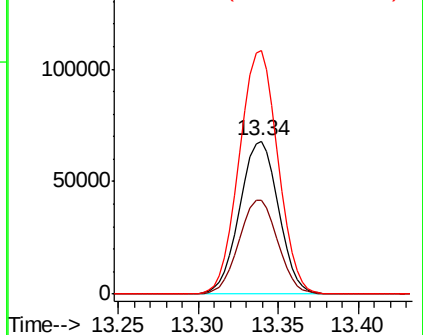
150 158.3 0.0 349.0

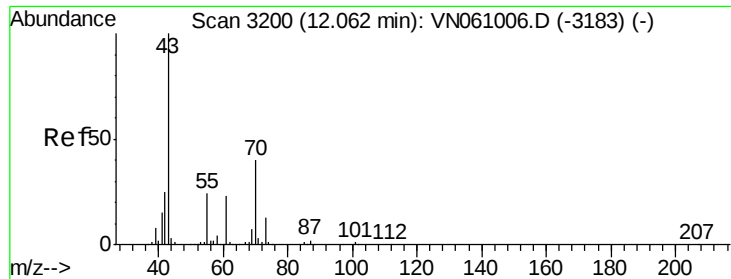


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.939 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

Tot Ion: 43 Resp: 3941

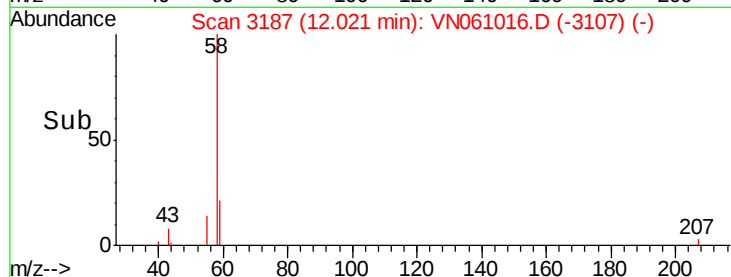
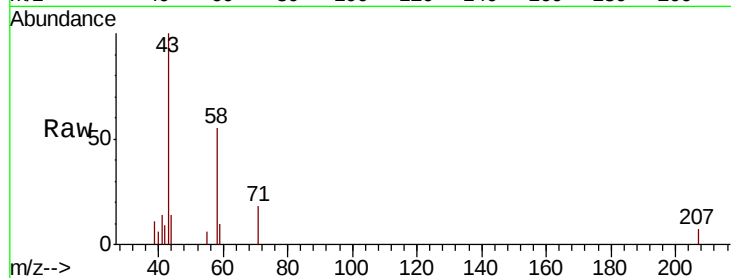
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 4.0 18.6 27.8#

61 0.0 18.2 27.4#

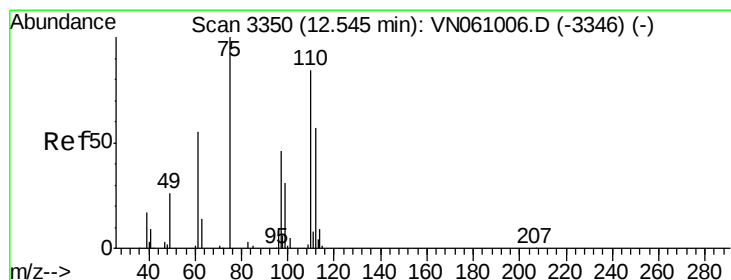
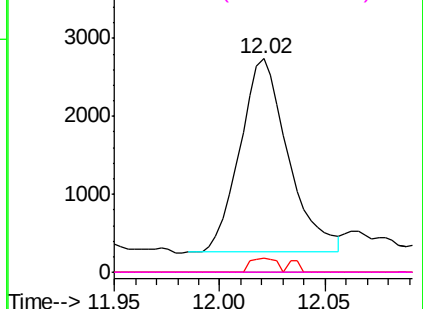


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 25.703 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061016.D

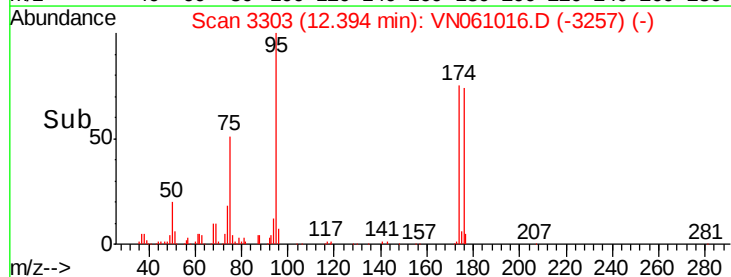
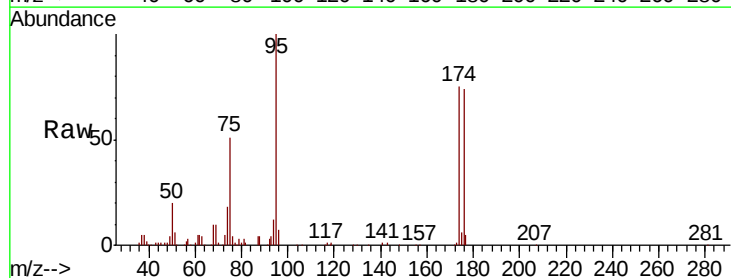
Acq: 16 Apr 2020 17:04

Tgt Ion: 75 Resp: 63693

Ion Ratio Lower Upper

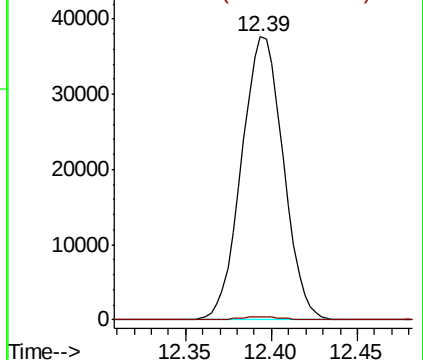
75 100

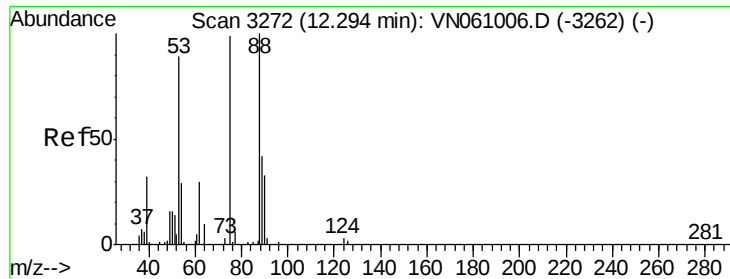
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 63.399 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

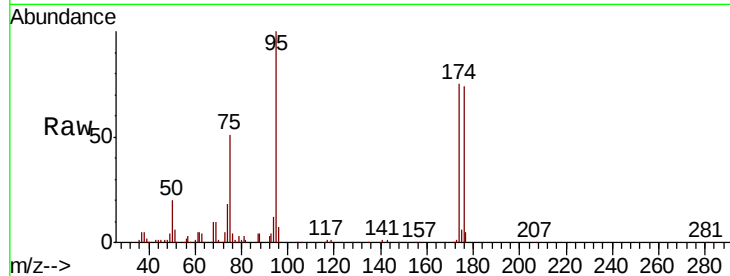
Tot Ion: 75 Resp: 63693

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

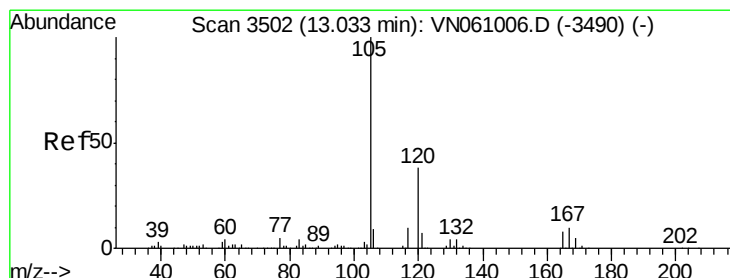
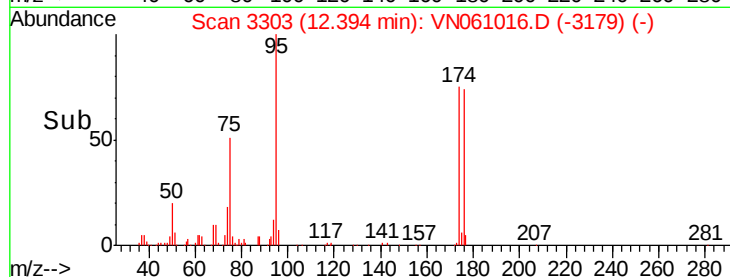
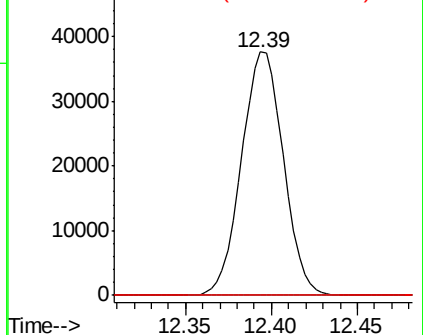
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061016.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN061016.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN061016.D (-3179) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.377 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. 0.00 min

Lab File: VN061016.D

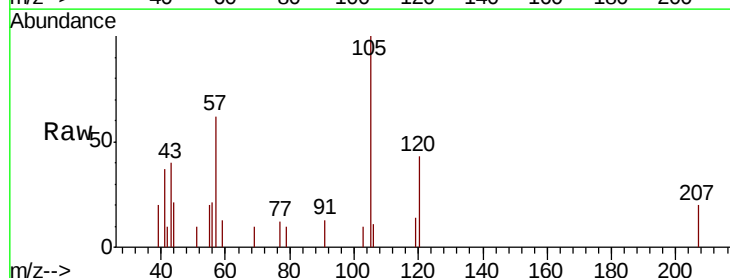
Acq: 16 Apr 2020 17:04

Tgt Ion: 105 Resp: 2778

Ion Ratio Lower Upper

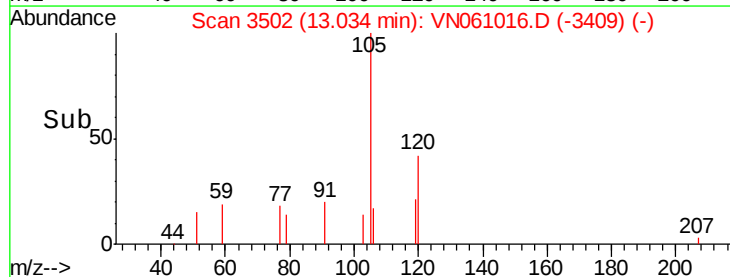
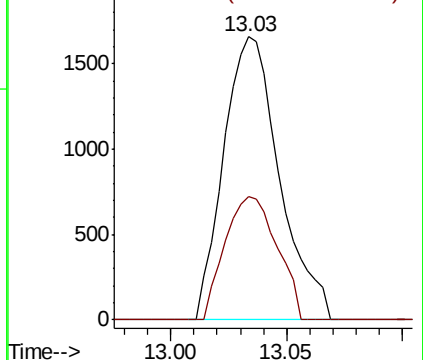
105 100

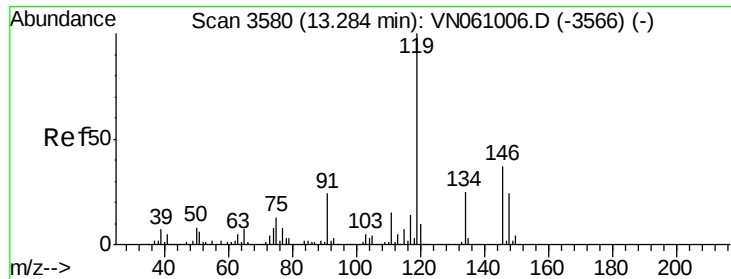
120 40.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): VN061016.D (-3409) (-)

Ion 120.00 (119.70 to 120.70): VN061016.D (-3409) (-)

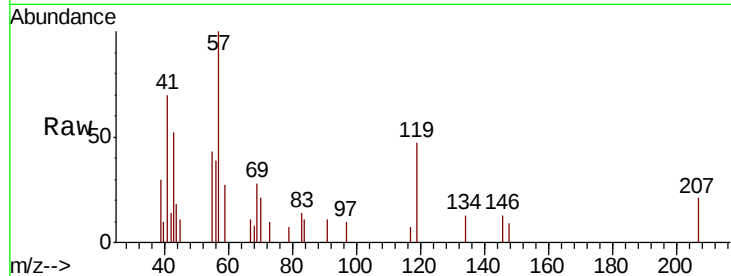




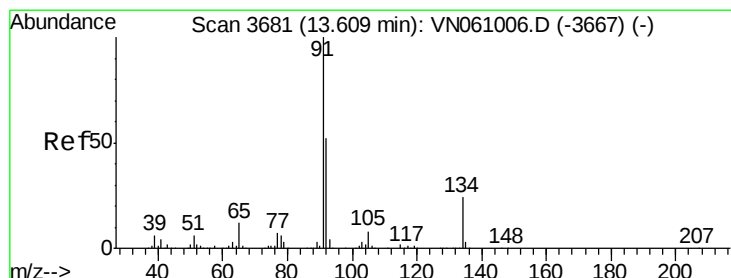
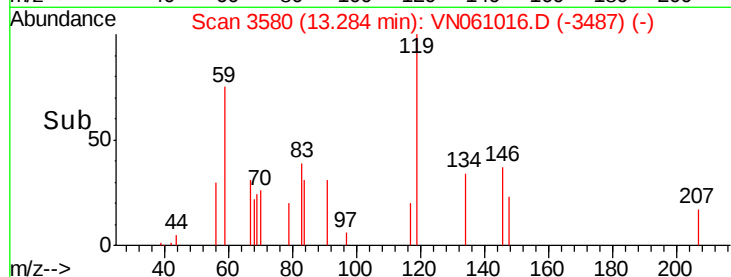
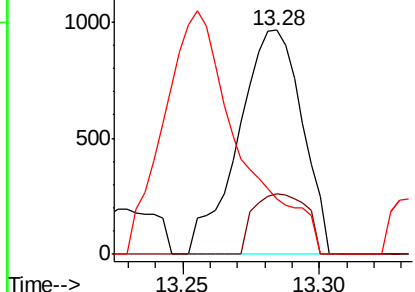
#86
p-Isopropyltoluene
Concen: 0.207 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tot Ion:119 Resp: 1567
Ion Ratio Lower Upper
119 100
134 22.4 12.8 38.4
91 0.0 12.3 36.8#

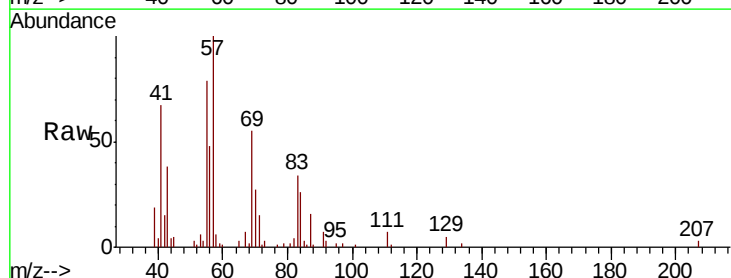


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

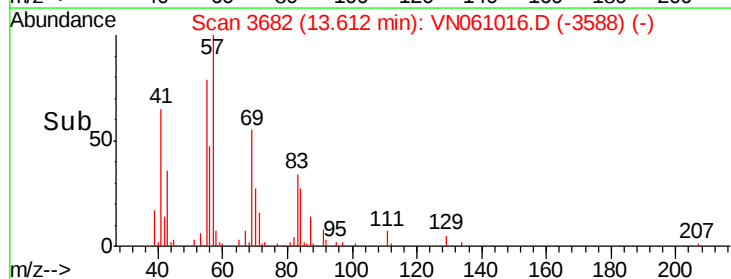
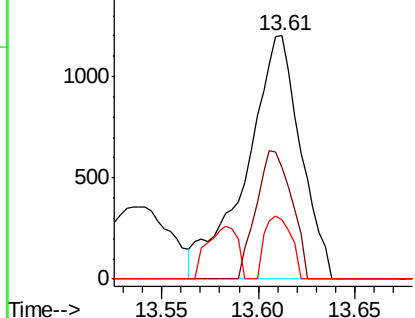


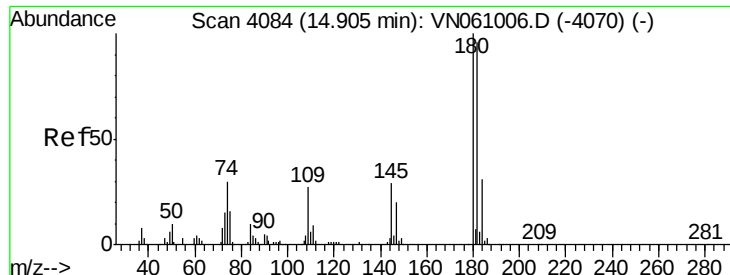
#89
n-Butylbenzene
Concen: 0.332 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Tgt Ion: 91 Resp: 2335
Ion Ratio Lower Upper
91 100
92 34.5 26.1 78.2
134 12.6 12.3 36.8



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

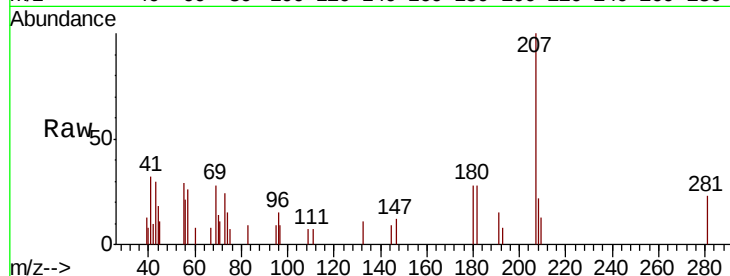




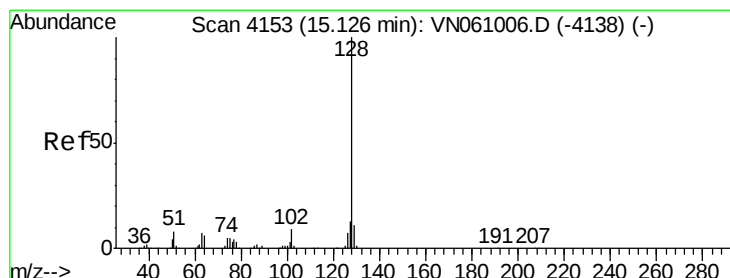
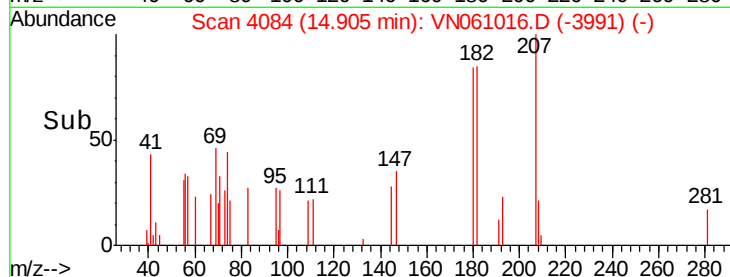
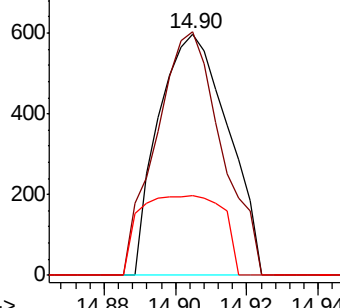
#93
 1,2,4-Trichlorobenzene
 Concen: 0.379 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061016.D
 Acq: 16 Apr 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR-2

Tot Ion:180 Resp: 804
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 39.3 15.3 45.8

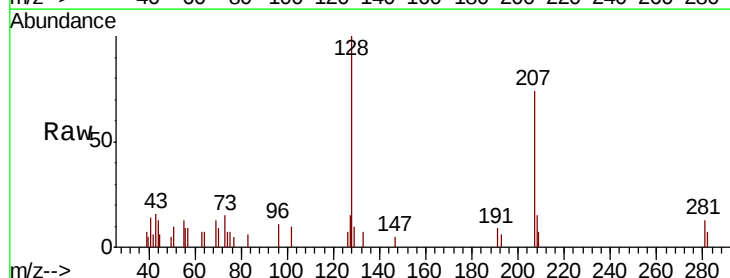


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

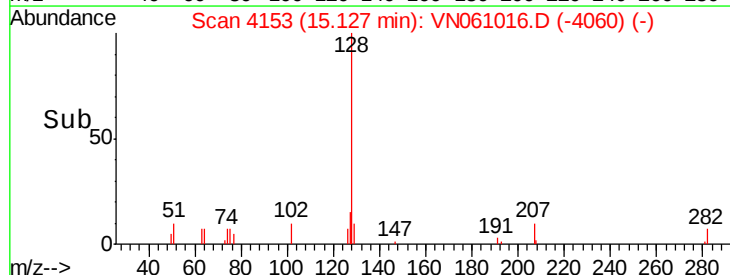
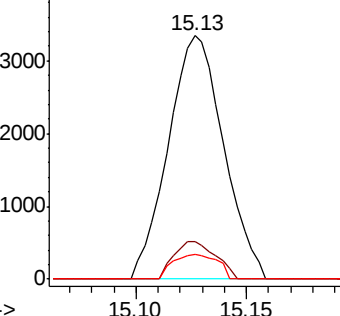


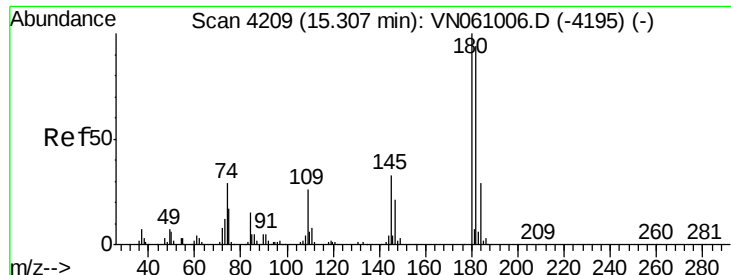
#95
 Naphthalene
 Concen: 0.941 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. 0.00 min
 Lab File: VN061016.D
 Acq: 16 Apr 2020 17:04

Tgt Ion:128 Resp: 5821
 Ion Ratio Lower Upper
 128 100
 127 11.7 10.2 15.4
 129 8.2 8.6 13.0#



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





#96
 1,2,3-Trichlorobenzene
 Concen: 0.359 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. 0.00 min
 Lab File: VN061016.D
 Acq: 16 Apr 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR-2

Tot Ion	Ratio	Lower	Upper
180	100		
182	119.6	47.6	142.8
145	35.1	16.4	49.2

