Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040620\
Data File : VN060863.D
Acq On : 6 Apr 2020 19:44
Operator : JC/MD
Sample : L2109-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Apr 07 08:52:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	334425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	315935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130238	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.48%			
35) Dibromofluoromethane	7.56	113	99785	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
50) Toluene-d8	10.08	98	414520	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
62) 4-Bromofluorobenzene	12.40	95	156348	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.30%			
Target Compounds						Qvalue
16) Acetone	3.78	43	37344	38.242	ug/l	100
20) Methylene Chloride	4.52	84	8781	3.655	ug/l	94
25) 2-Butanone	6.80	43	25851	16.359	ug/l	99
43) Isopropyl Acetate	8.14	43	52880	9.164	ug/l #	90
67) Ethyl Benzene	11.50	91	12135	1.042	ug/l	97
68) m/p-Xylenes	11.61	106	14929	3.449	ug/l	99
69) o-Xylene	11.94	106	7501	1.815	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	10754	1.128	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	34968	3.709	ug/l	98
86) p-Isopropyltoluene	13.28	119	72716	7.612	ug/l	99
95) Naphthalene	15.13	128	17329	2.056	ug/l	99

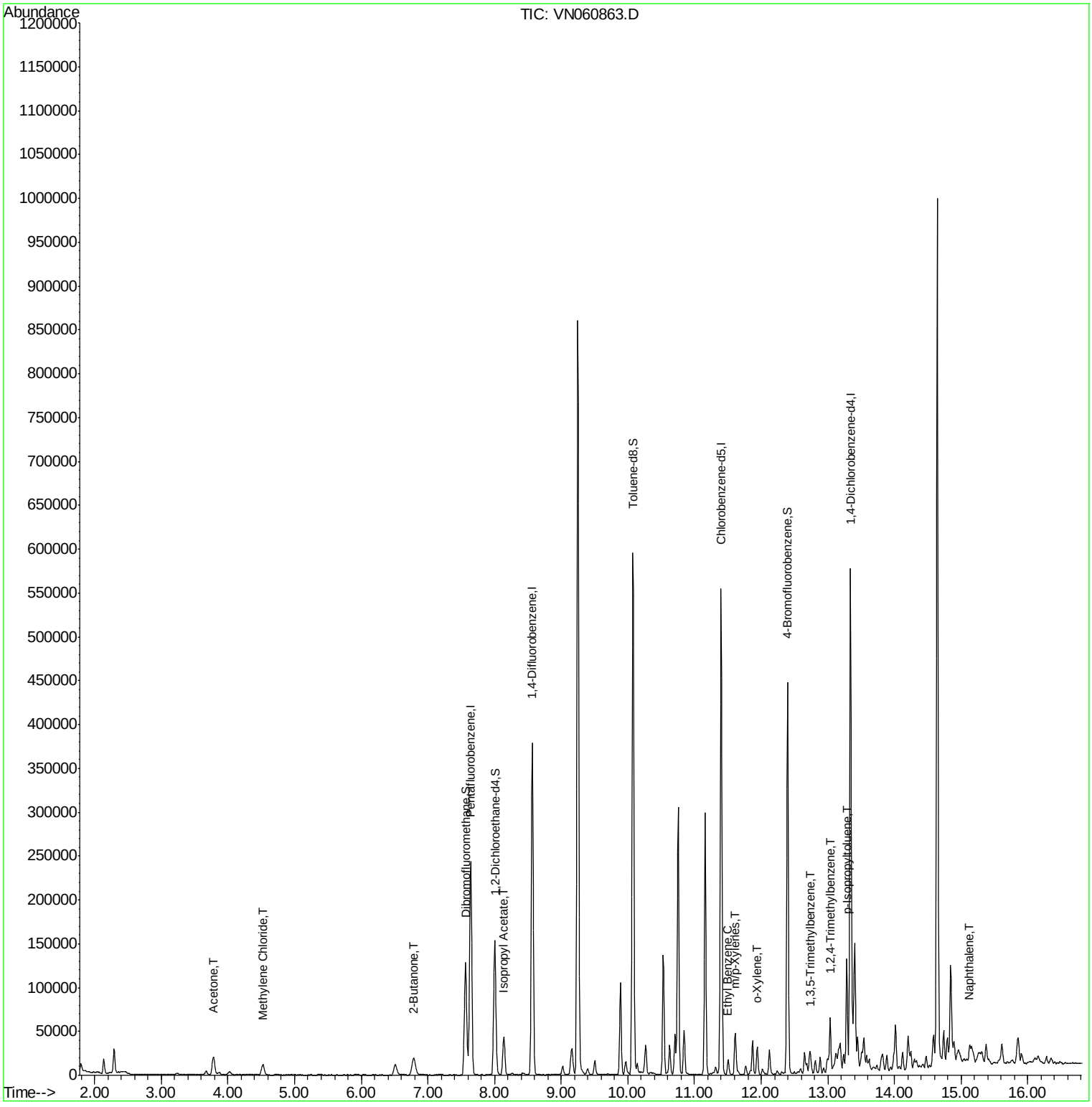
(#) = qualifier out of range (m) = manual integration (+) = signals summed

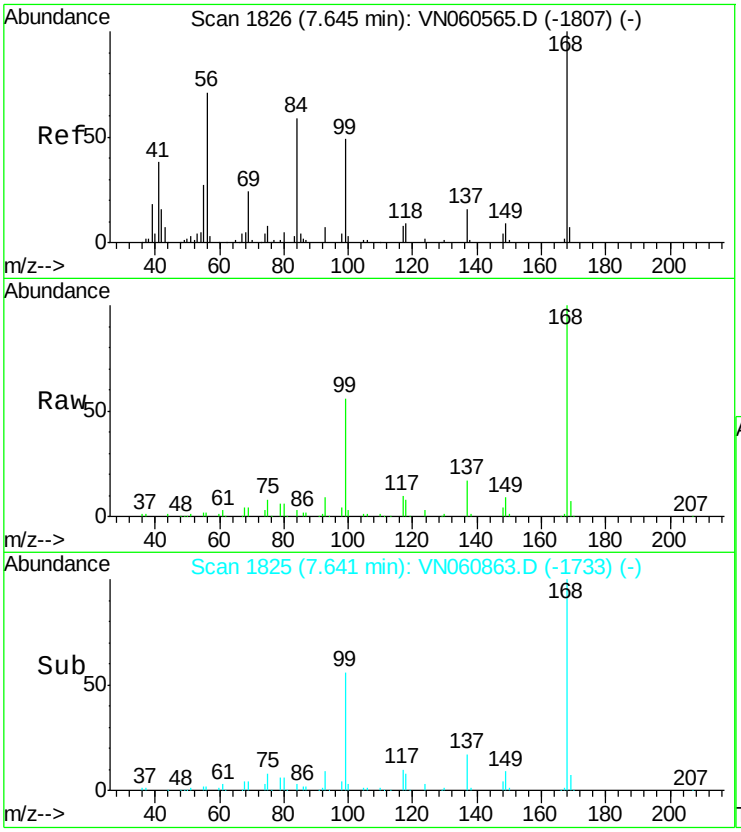
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040620\
Data File : VN060863.D
Acq On : 6 Apr 2020 19:44
Operator : JC/MD
Sample : L2109-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Apr 07 08:52:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration



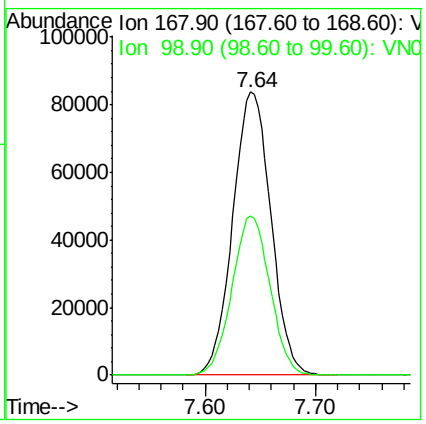


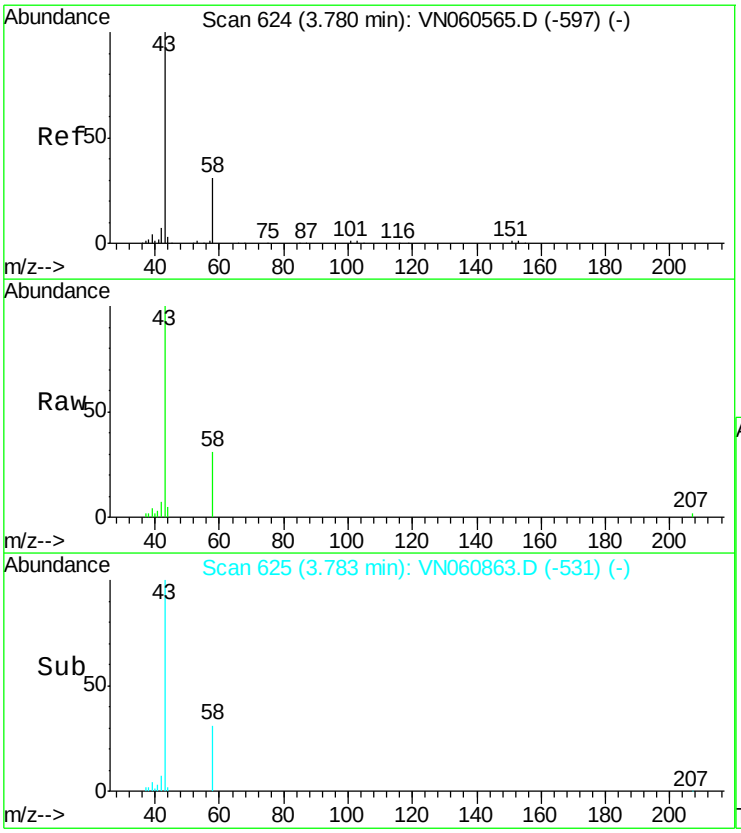
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion:168 Resp: 200822

Ion	Ratio	Lower	Upper
168	100		
99	56.2	44.0	66.0

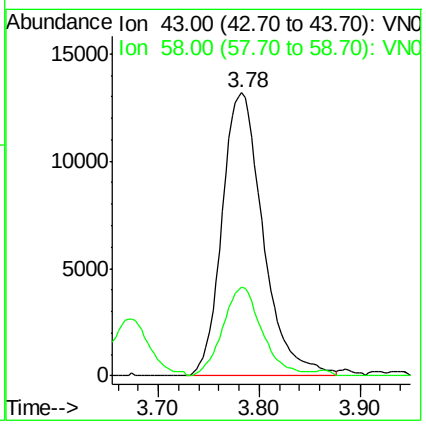


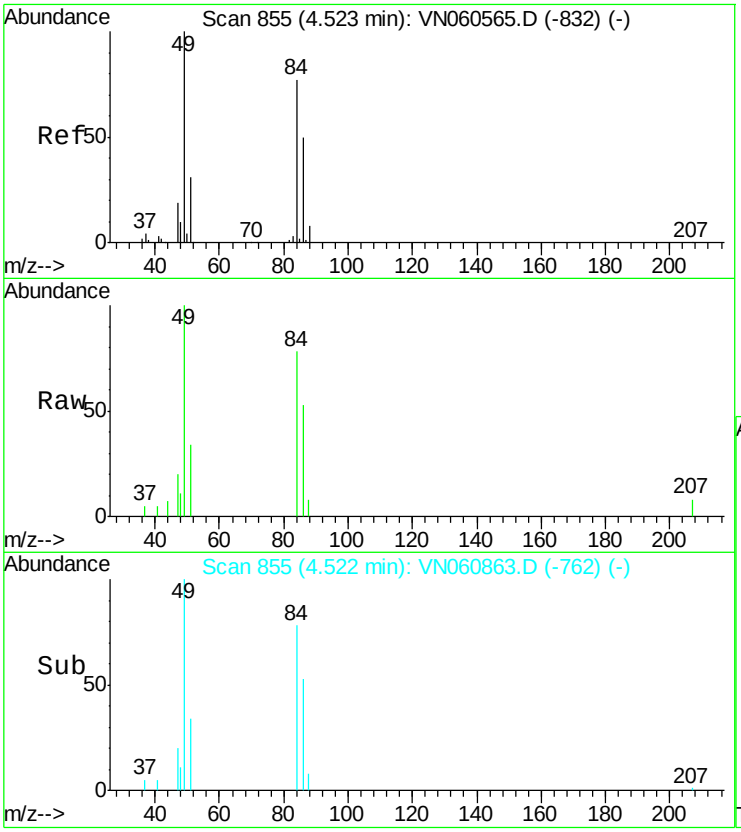


#16
Acetone
Concen: 38.242 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

Tgt Ion: 43 Resp: 37344

Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.1	37.7



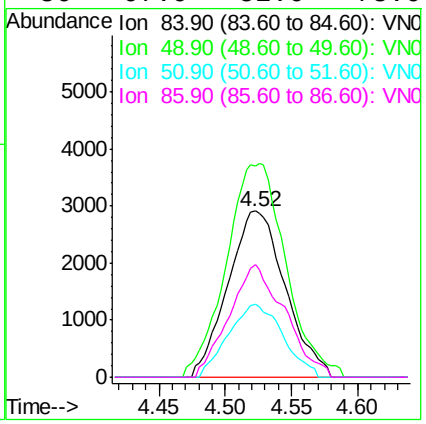


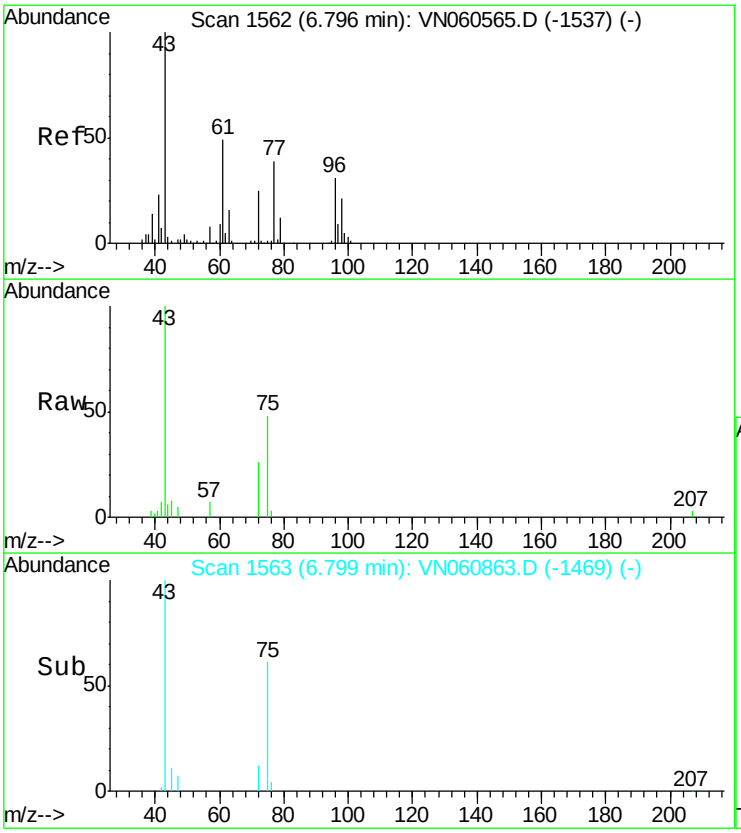
#20
Methylene Chloride
Concen: 3.655 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion: 84 Resp: 8781

Ion	Ratio	Lower	Upper
84	100		
49	121.3	103.3	154.9
51	43.8	31.6	47.4
86	67.9	52.0	78.0

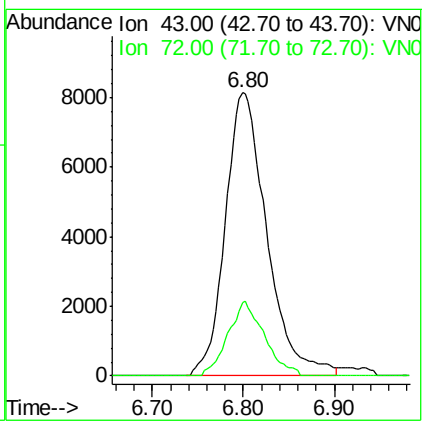


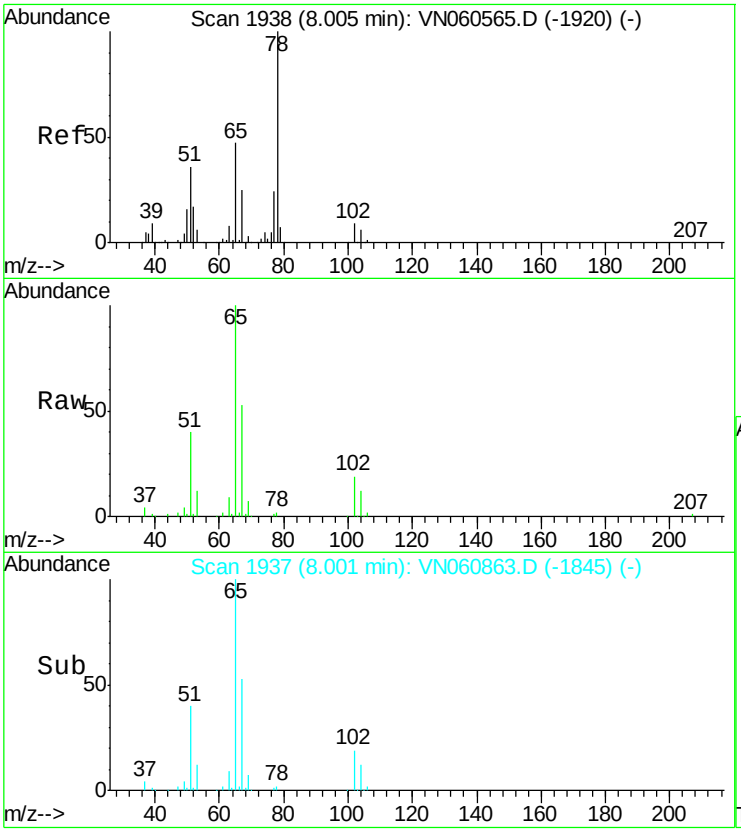


#25
2-Butanone
Concen: 16.359 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

Tgt Ion: 43 Resp: 25851

Ion	Ratio	Lower	Upper
43	100		
72	25.8	20.4	30.6



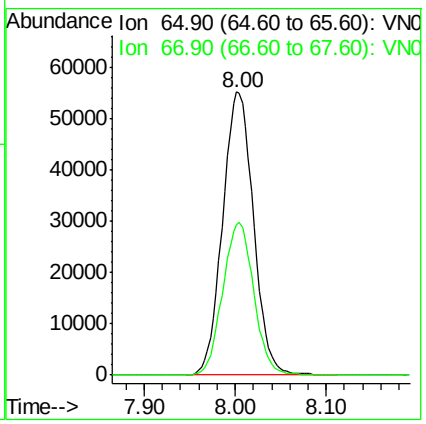


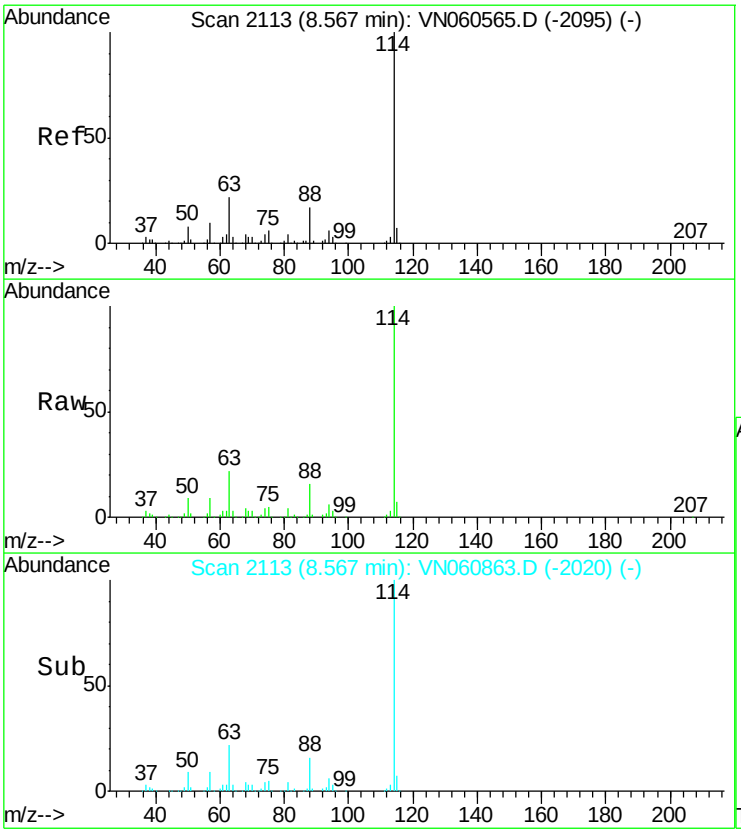
#33
1,2-Dichloroethane-d4
Concen: 47.242 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion: 65 Resp: 130238

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.6

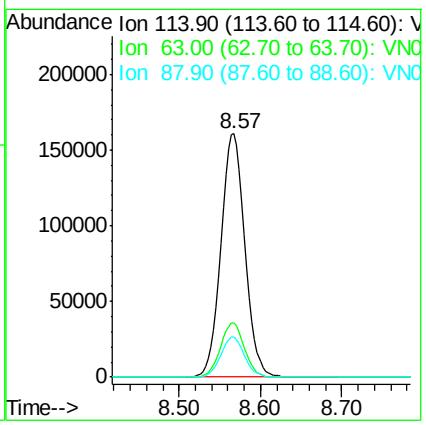


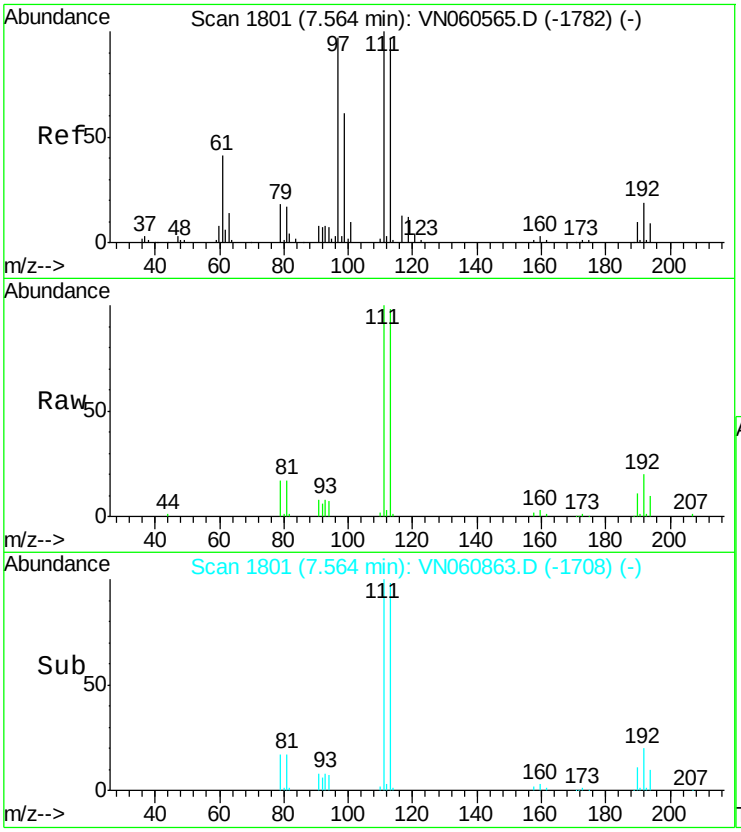


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

Tgt Ion:114 Resp: 334425

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	16.2	0.0	33.0



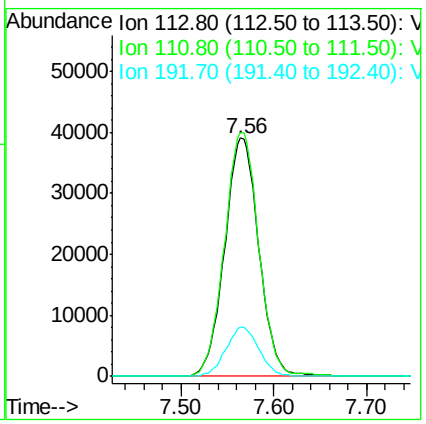


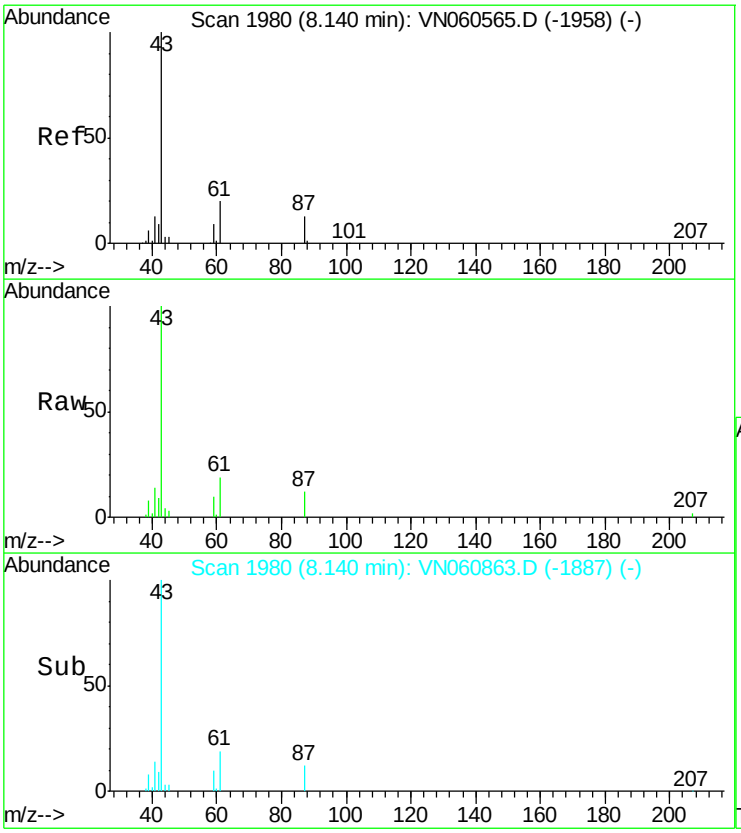
#35
Dibromofluoromethane
Concen: 49.346 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion:113 Resp: 99785

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	19.9	15.8	23.8

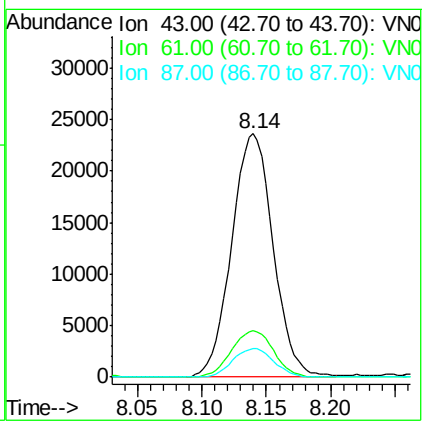


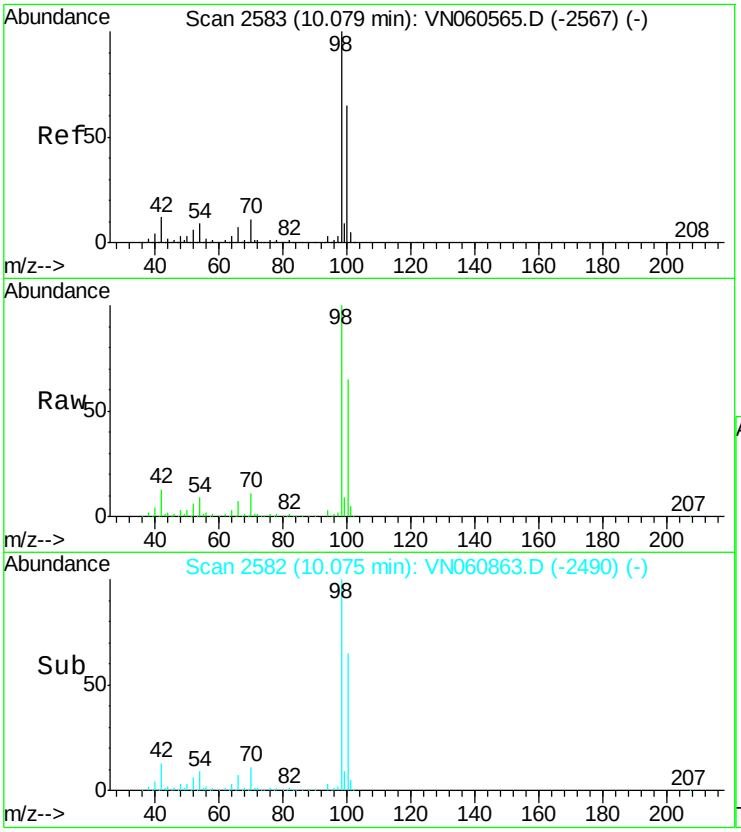


#43
Isopropyl Acetate
Concen: 9.164 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

Tgt Ion: 43 Resp: 52880

Ion	Ratio	Lower	Upper
43	100		
61	19.2	20.7	31.1#
87	11.5	9.8	14.8



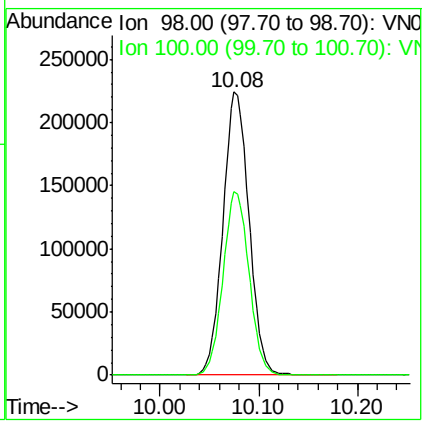


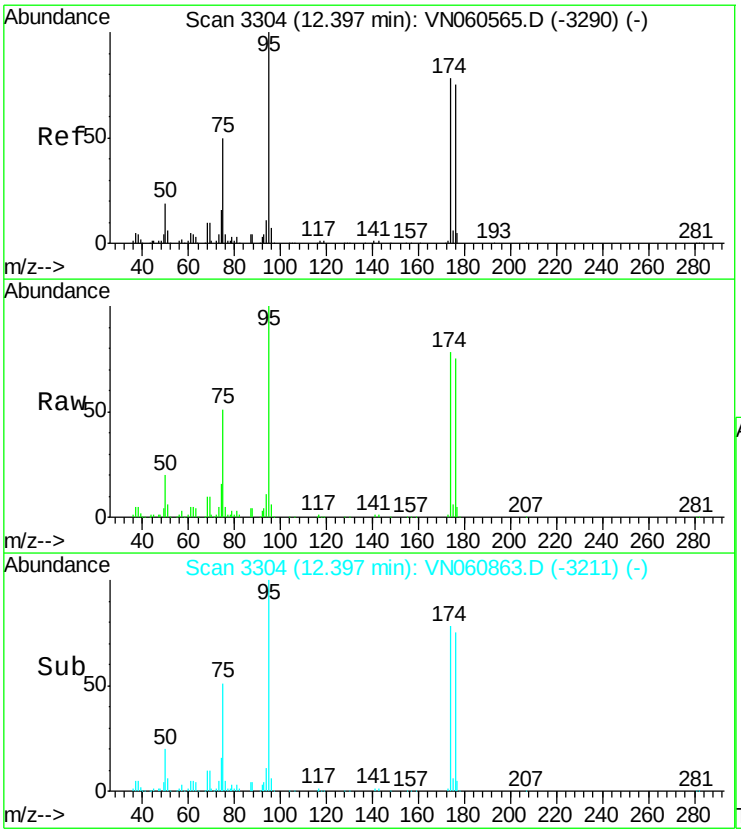
#50
Toluene-d8
Concen: 50.186 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion: 98 Resp: 414520

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.8

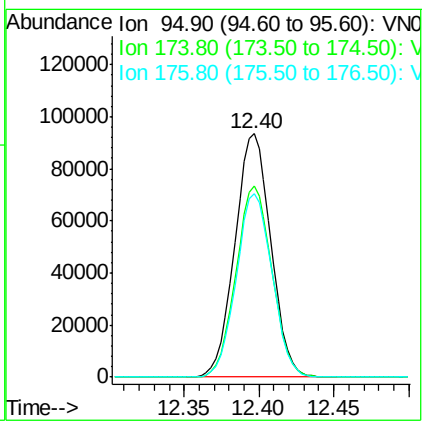


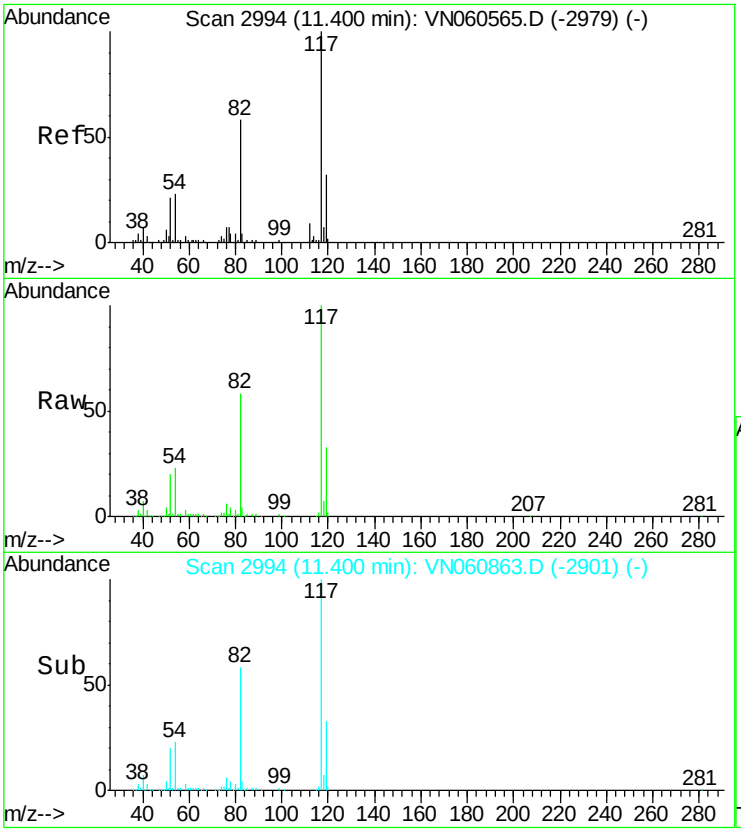


#62
4-Bromofluorobenzene
Concen: 51.650 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

Tgt Ion: 95 Resp: 156348

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	157.6
176	75.4	0.0	150.6



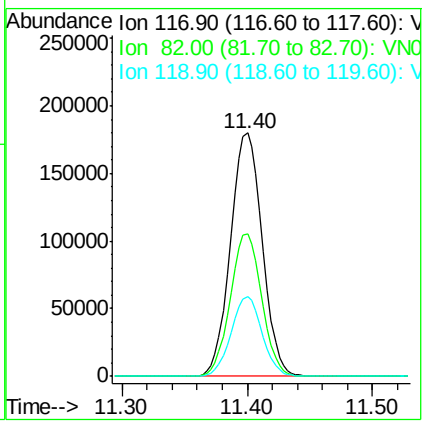


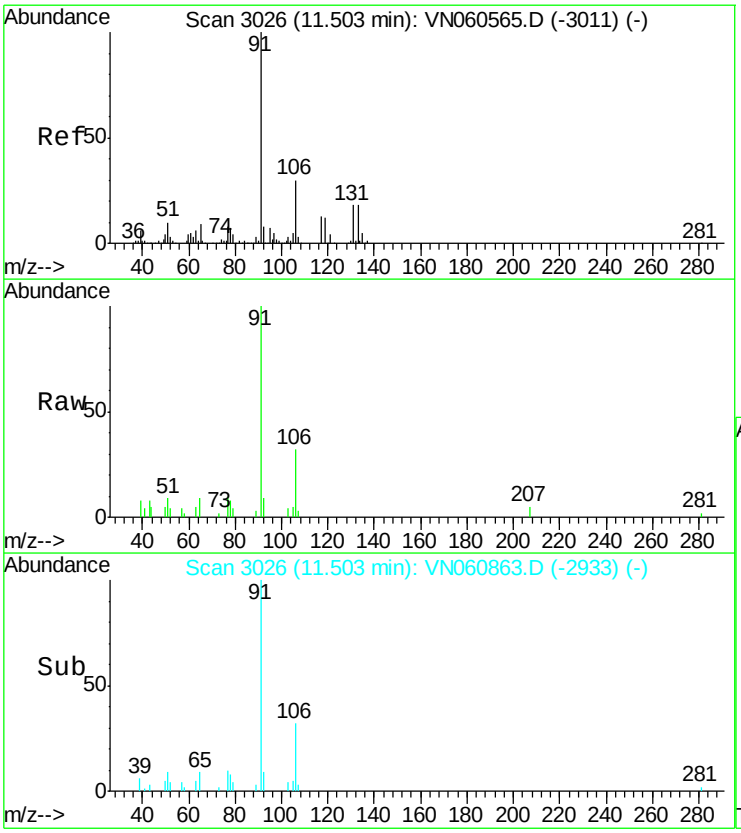
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion:117 Resp: 315935

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.7	70.1
119	32.6	25.5	38.3

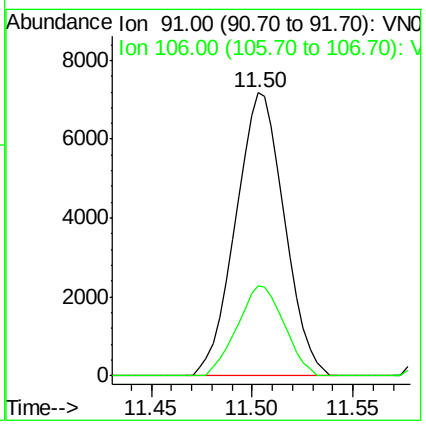


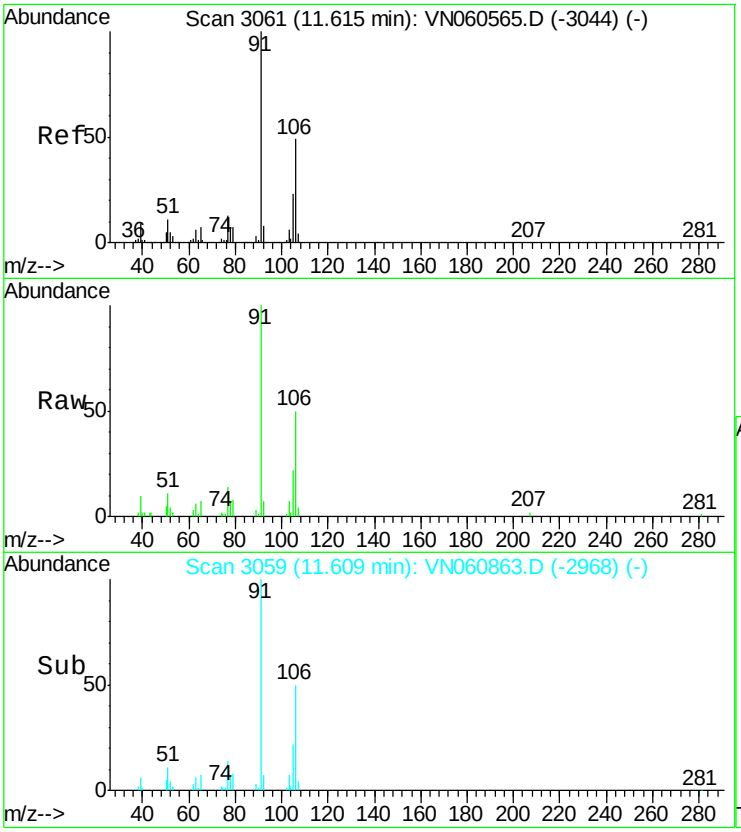


#67
Ethyl Benzene
Concen: 1.042 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

Tgt Ion: 91 Resp: 12135

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.2	36.2



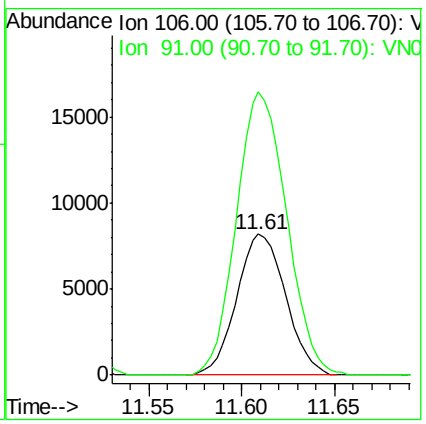


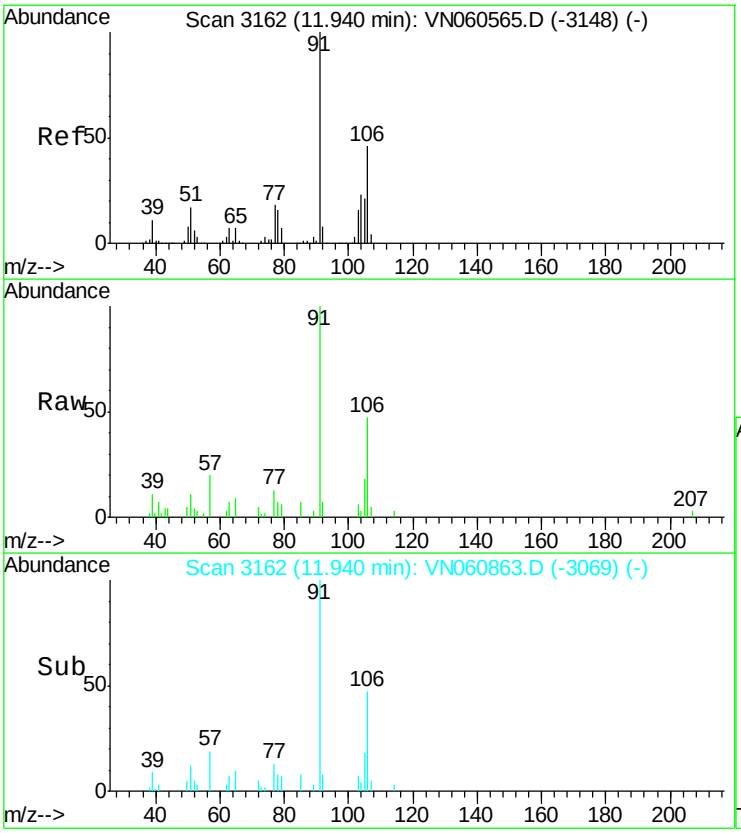
#68
m/p-Xylenes
Concen: 3.449 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion:106 Resp: 14929

Ion	Ratio	Lower	Upper
106	100		
91	207.1	165.0	247.4

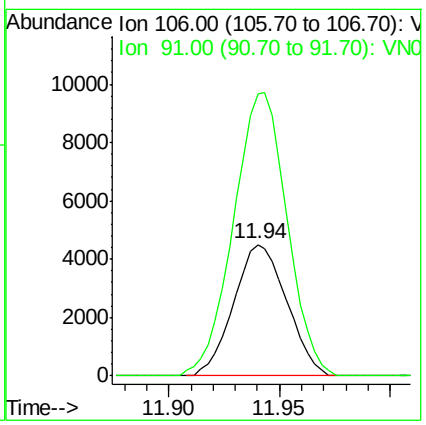


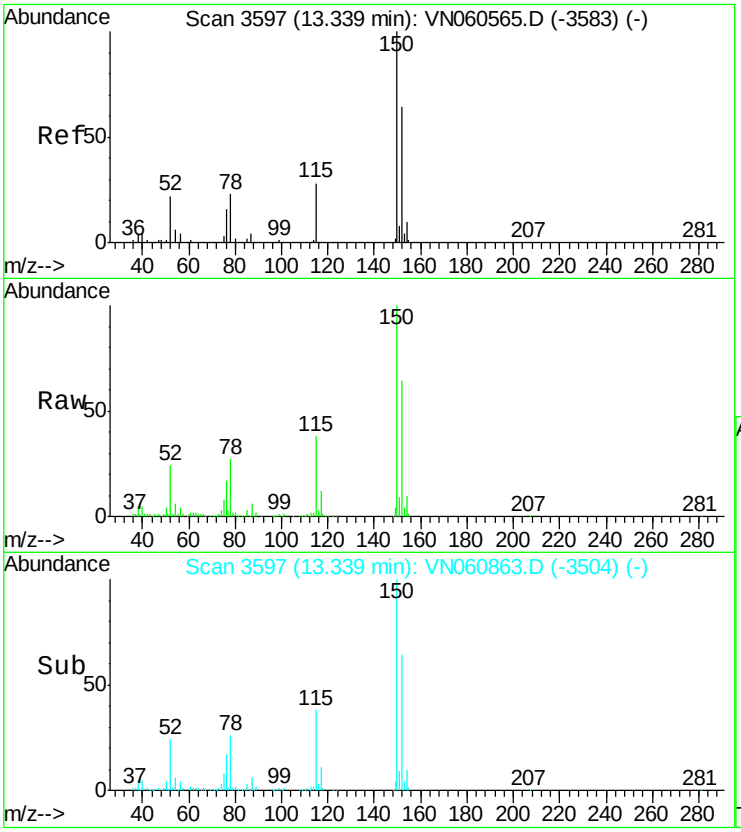


#69
o-Xylene
Concen: 1.815 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

Tgt Ion:106 Resp: 7501

Ion	Ratio	Lower	Upper
106	100		
91	217.5	109.5	328.4



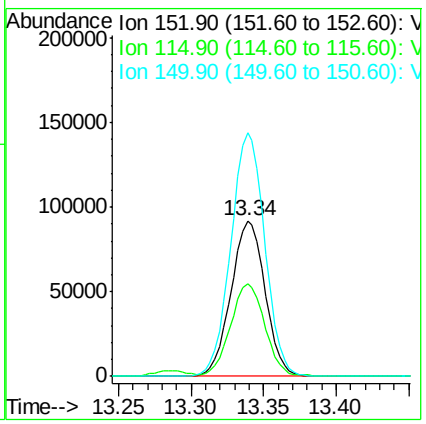


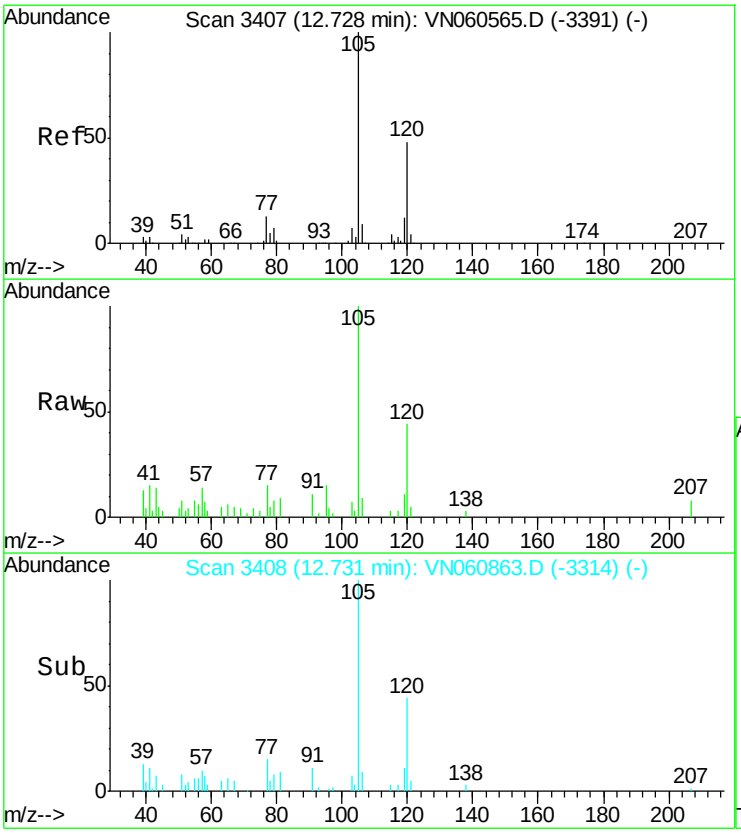
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion:152 Resp: 149642

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.2	90.6
150	155.8	0.0	350.2

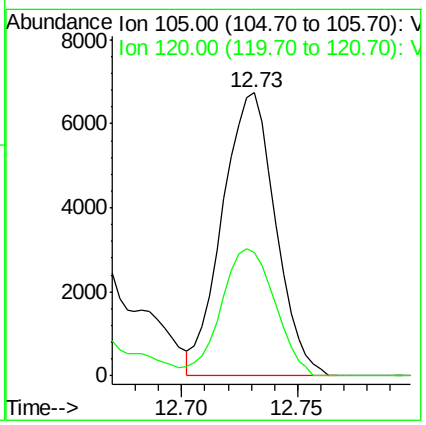


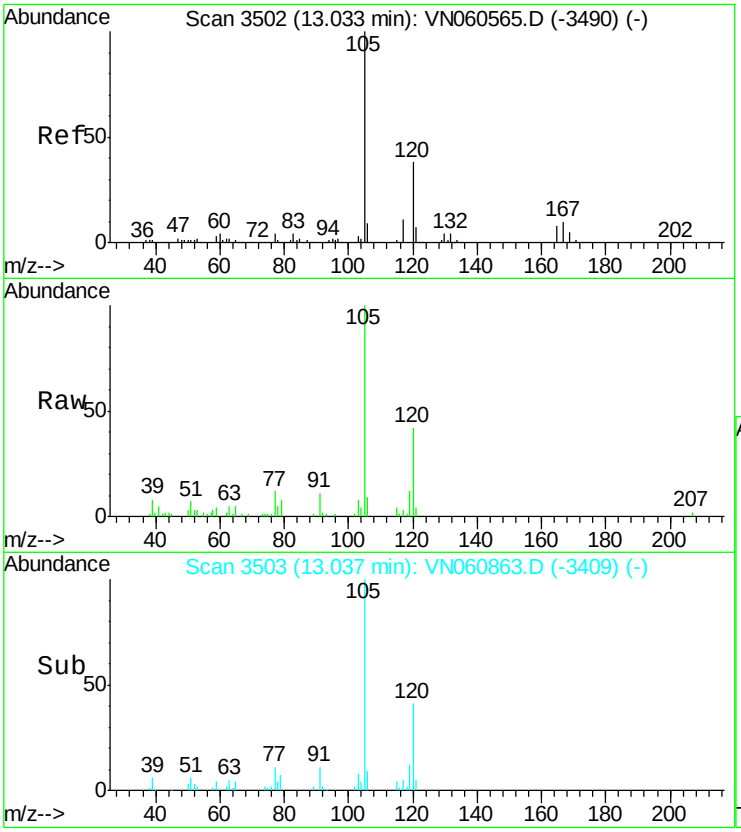


#80
1,3,5-Trimethylbenzene
Concen: 1.128 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

Tgt Ion:105 Resp: 10754

Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.9	71.7



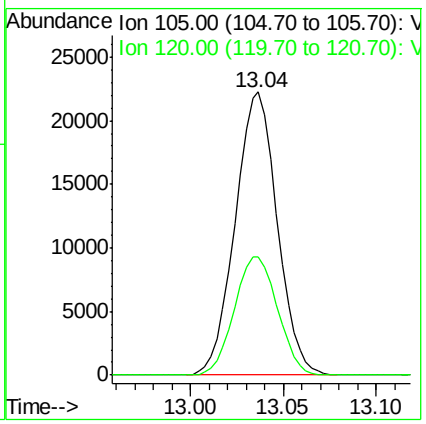


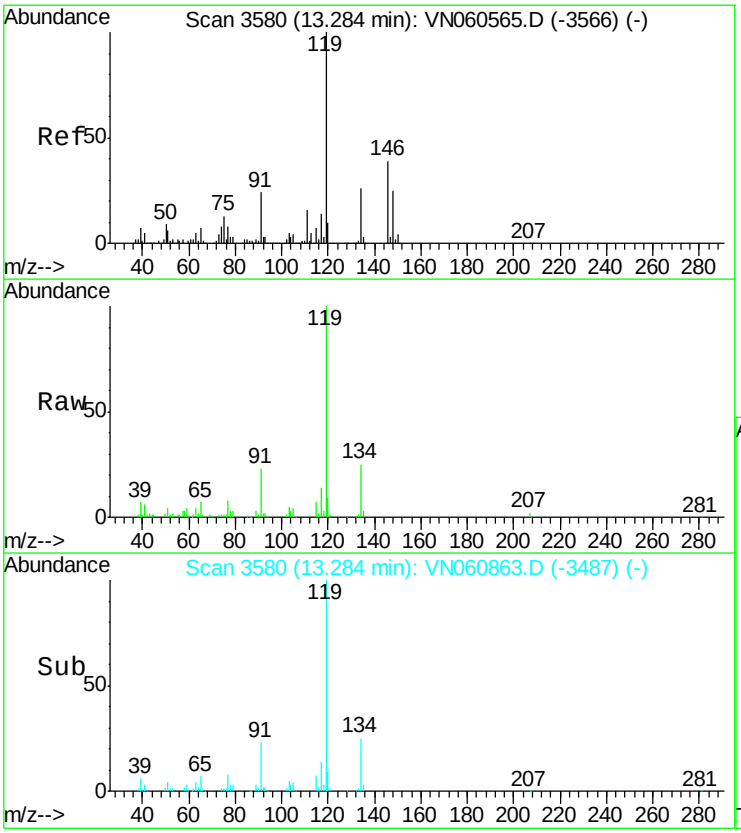
#84
1,2,4-Trimethylbenzene
Concen: 3.709 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion:105 Resp: 34968

Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.1	66.5

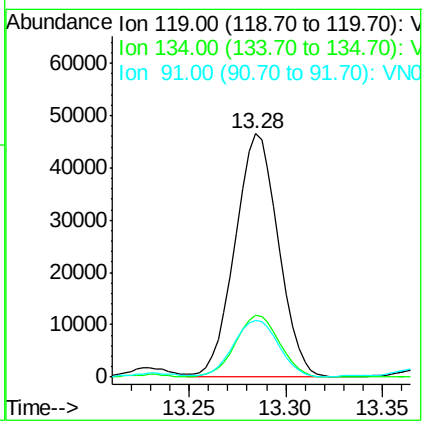


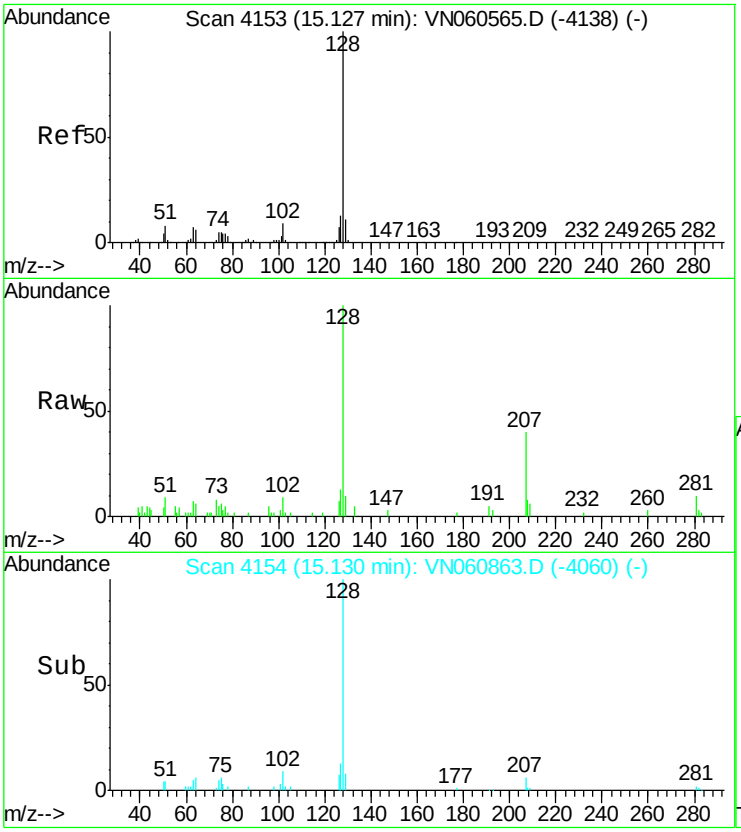


#86
p-Isopropyltoluene
Concen: 7.612 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

Tgt Ion:119 Resp: 72716

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	24.6	12.0	36.0





#95
Naphthalene
Concen: 2.056 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060863.D
Acq: 6 Apr 2020 19:44

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

Tgt Ion:128 Resp: 17329

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.2	8.8	13.2