Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100620\
Data File : VN063905.D
Acq On : 6 Oct 2020 19:55
Operator : JC/MD
Sample : L4243-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE(OCT)

Quant Time: Oct 07 04:40:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100620W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 06 16:42:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	46736	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	246679	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	228956	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	132699	31.61	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 105.37%			
60) 4-Bromofluorobenzene	12.38	95	105475	26.94	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 89.80%			
63) Toluene-d8	10.06	98	310122	29.89	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.63%			
Target Compounds						Qvalue
15) Acetone	3.77	58	1798677	4896.497	ug/l	76
30) 2-Butanone	6.79	43	34344	16.209	ug/l #	72
58) 4-Methyl-2-Pentanone	9.95	43	23763	5.348	ug/l #	93
62) Toluene	10.13	91	83403	6.343	ug/l	98
82) p-Isopropyltoluene	13.27	119	2696	0.247	ug/l	82

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

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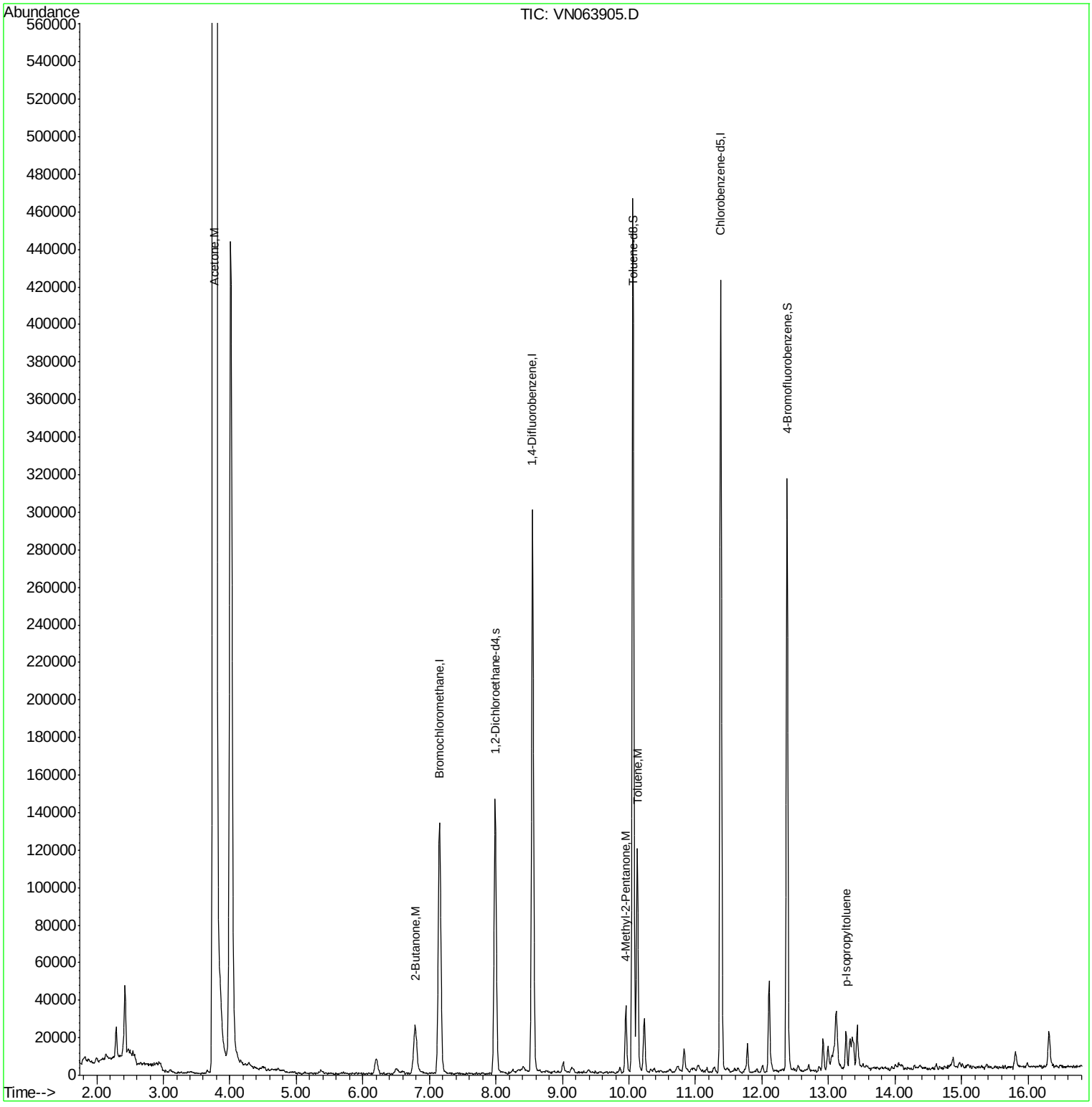
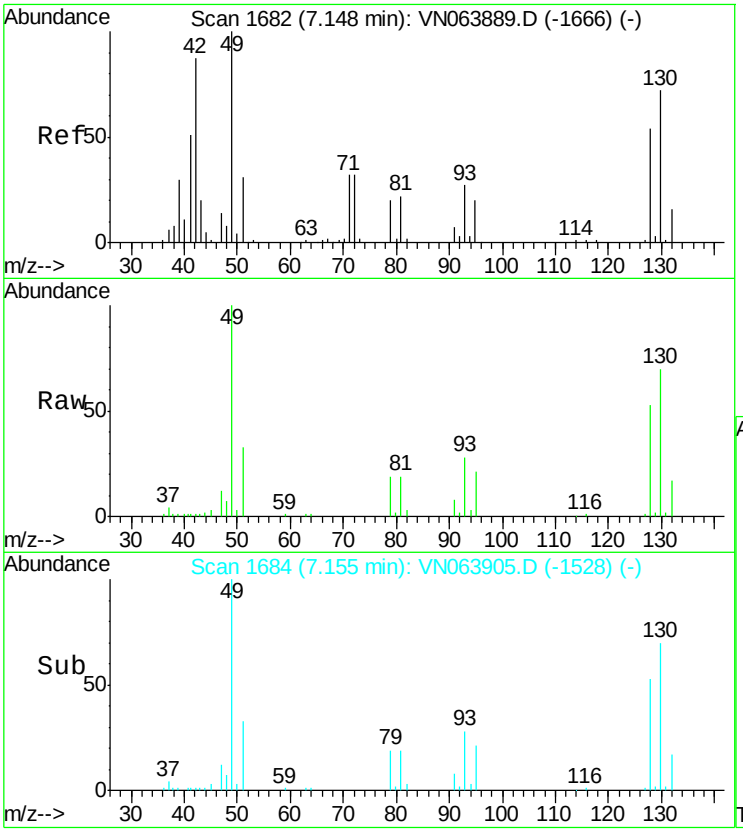


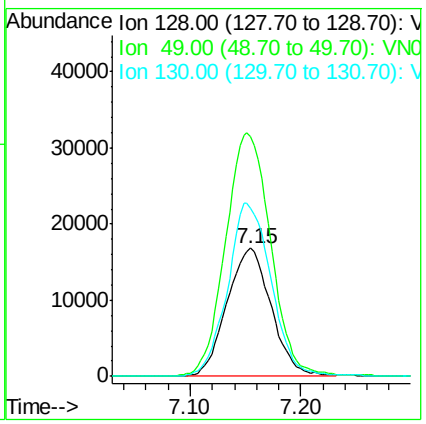


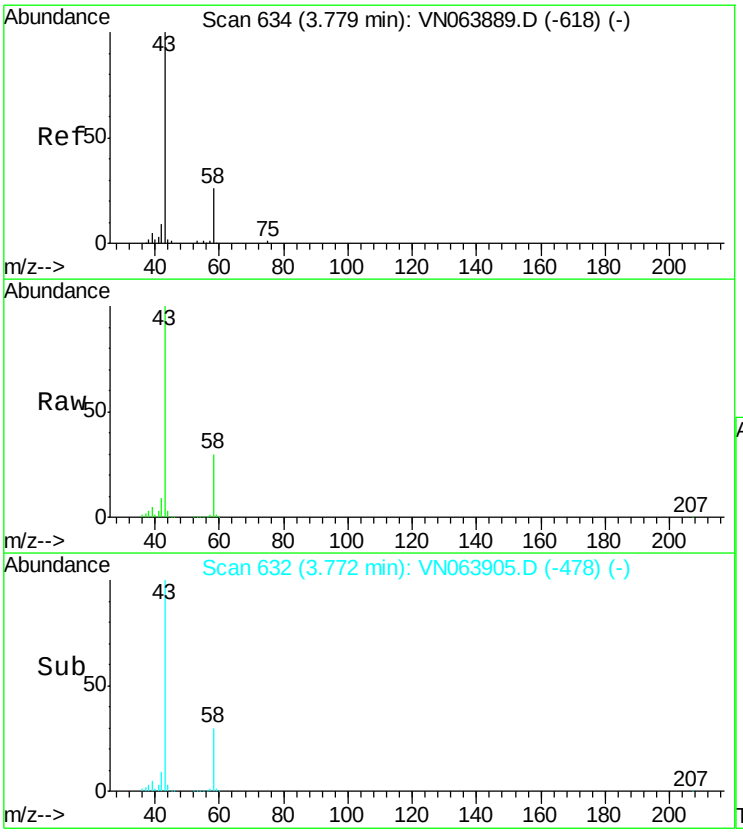
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Instrument : MSVOA_N
ClientSampleId : 002-35TH-AVE(OCT)

Tgt Ion:128 Resp: 46736

Ion	Ratio	Lower	Upper
128	100		
49	193.6	0.0	437.5
130	133.1	0.0	327.3

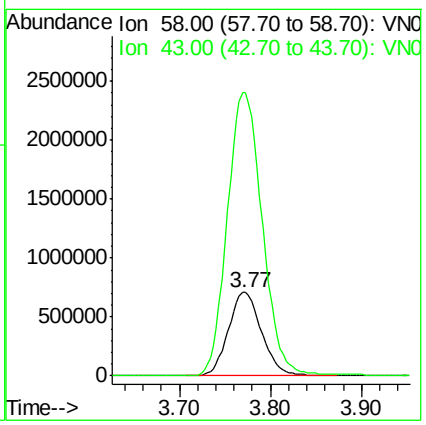


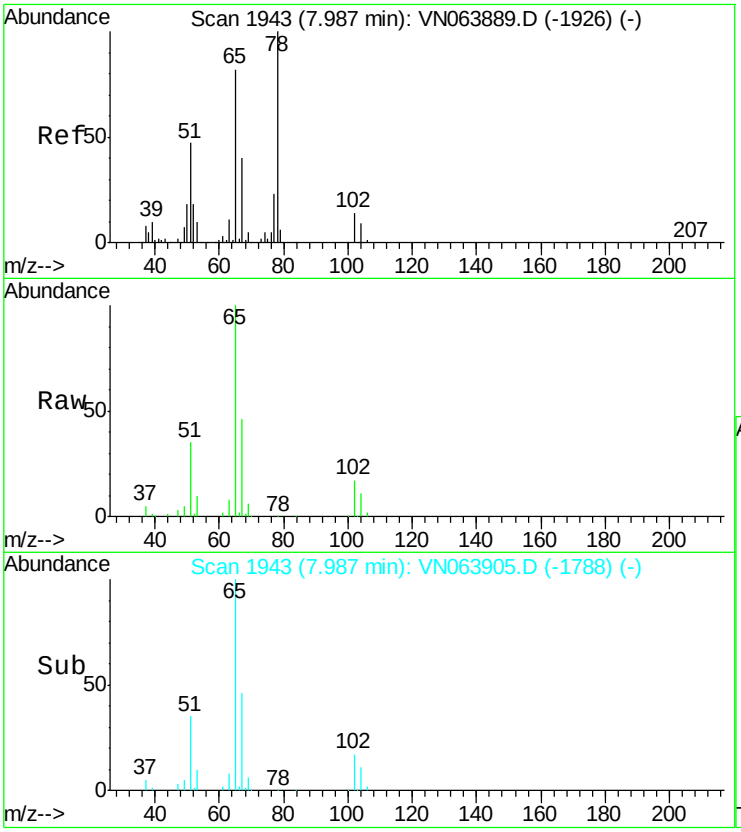


#15
Acetone
Concen: 4896.497 ug/l
RT: 3.77 min Scan# 632
Delta R.T. -0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Tgt Ion: 58 Resp: 1798677

Ion	Ratio	Lower	Upper
58	100		
43	338.7	233.2	349.8



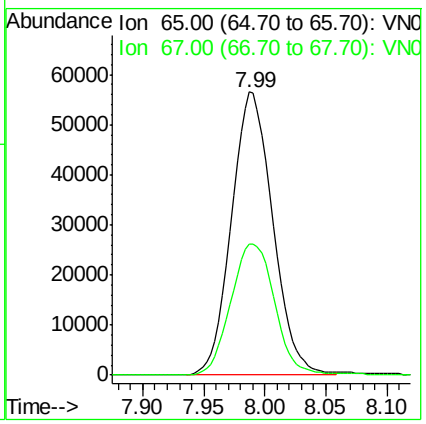


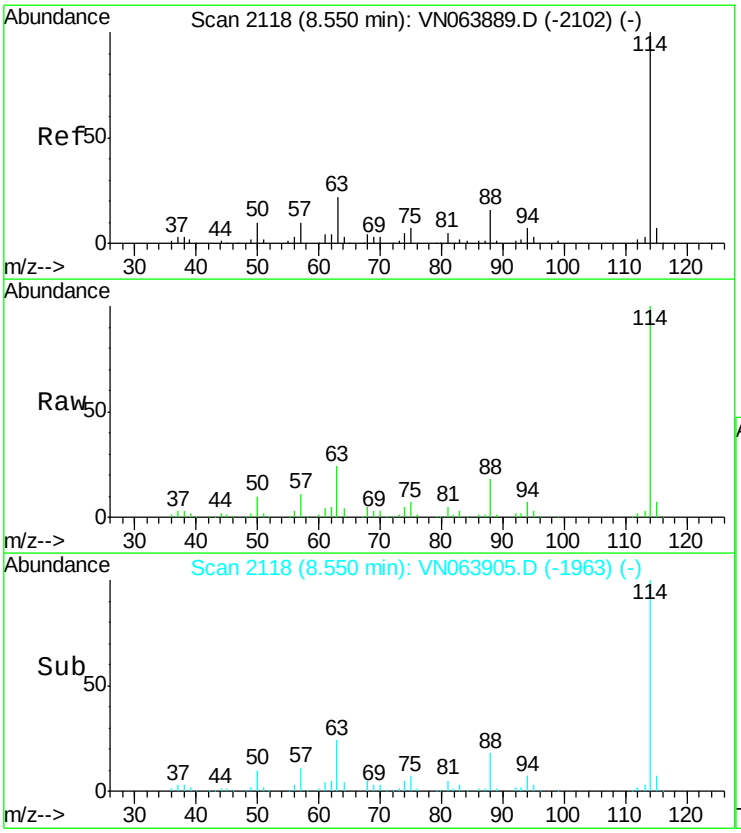
#27
1,2-Dichloroethane-d4
Concen: 31.615 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

Tgt Ion: 65 Resp: 132699

Ion	Ratio	Lower	Upper
65	100		
67	49.1	43.8	65.6

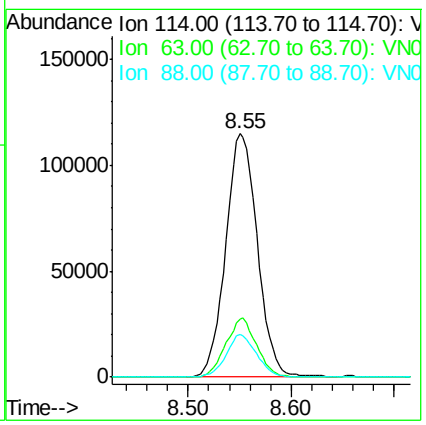


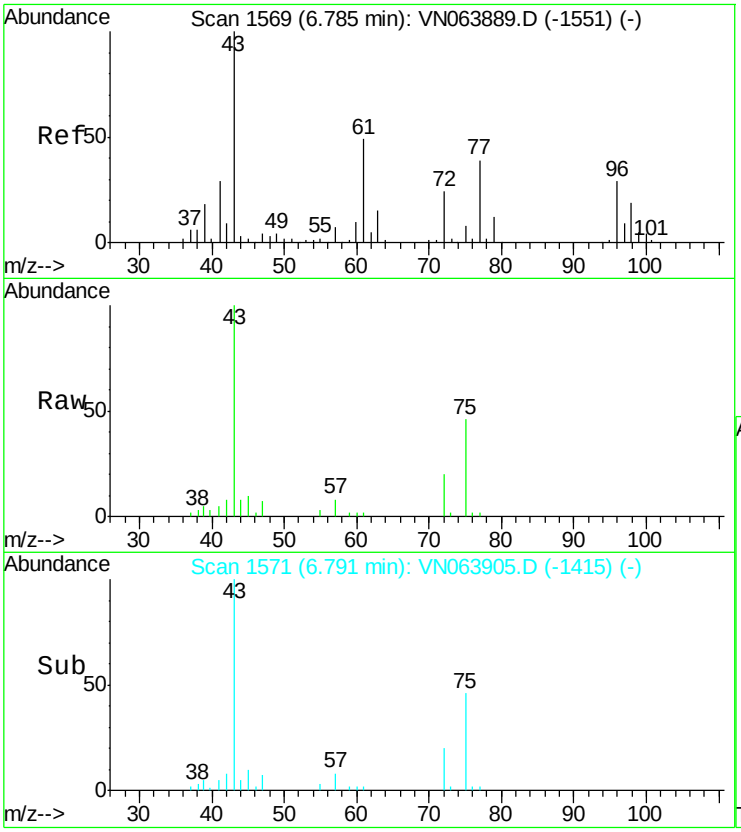


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Tgt Ion:114 Resp: 246679

Ion	Ratio	Lower	Upper
114	100		
63	23.3	17.0	25.6
88	16.7	12.6	18.8



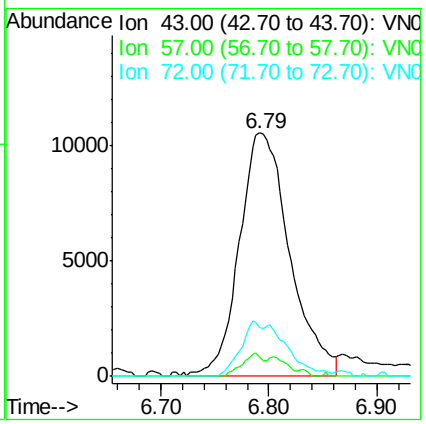


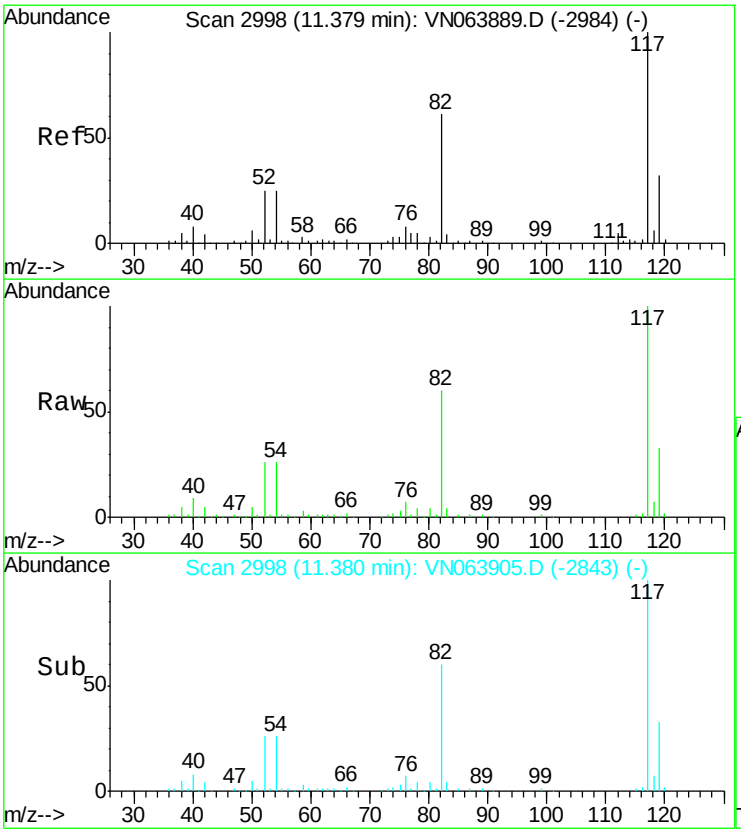
#30
2-Butanone
Concen: 16.209 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

Tgt Ion: 43 Resp: 34344

Ion	Ratio	Lower	Upper
43	100		
57	3.8	6.6	9.8#
72	9.9	21.3	31.9#

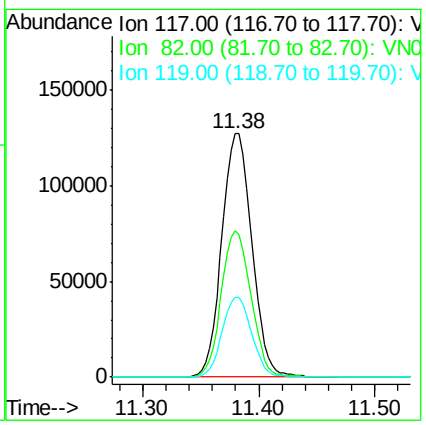


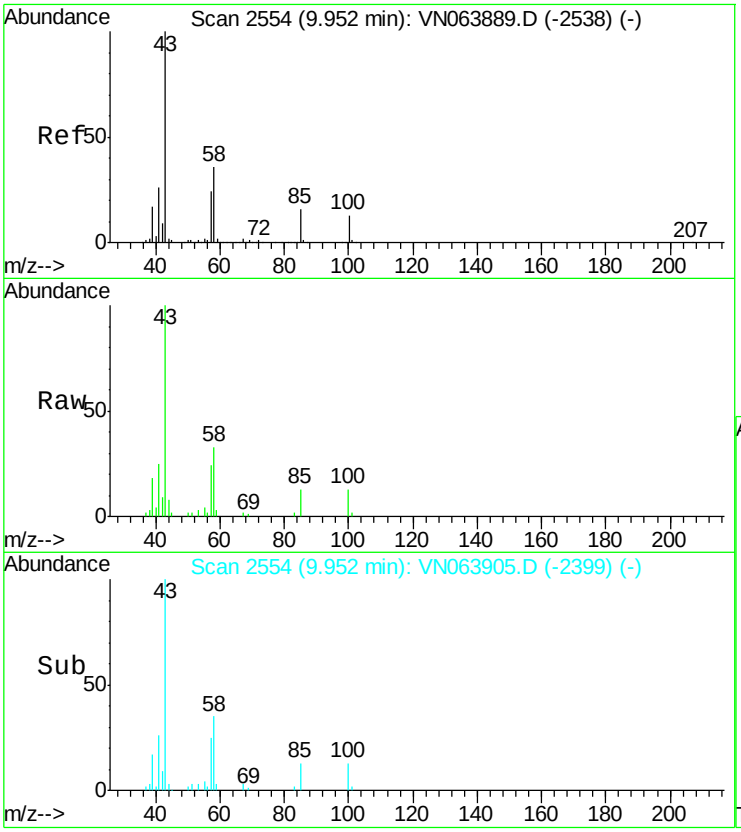


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Tgt Ion:117 Resp: 228956

Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.9	67.3
119	32.1	26.0	39.0



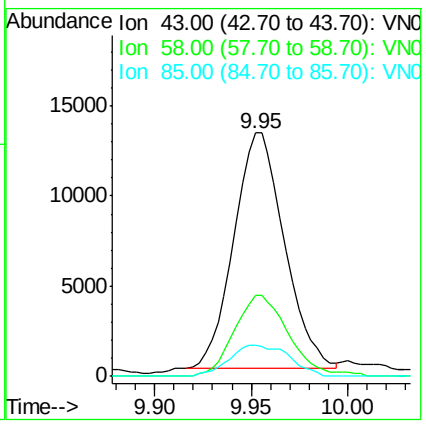


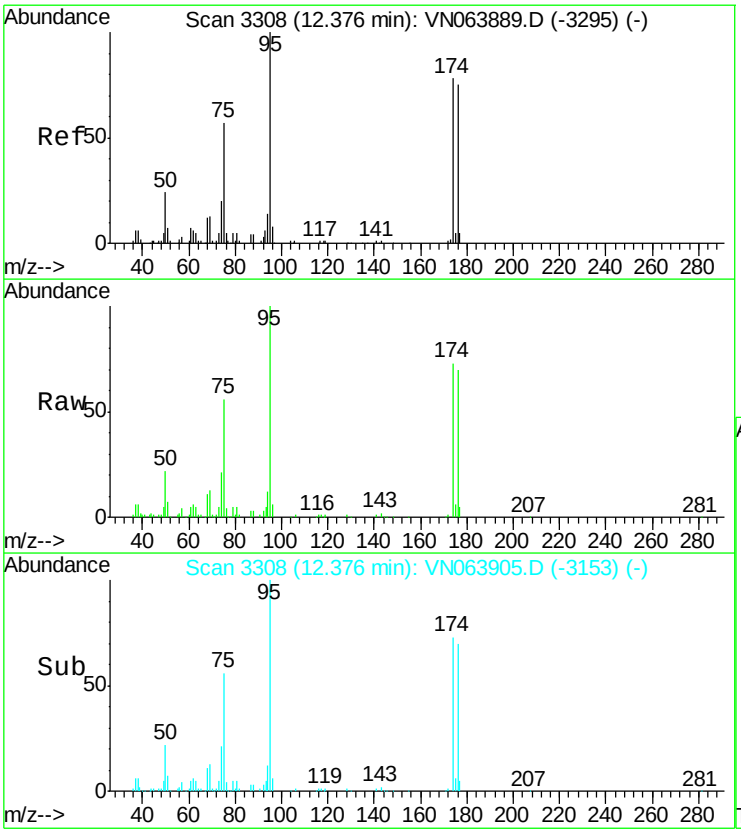
#58
4-Methyl-2-Pentanone
Concen: 5.348 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

Tgt Ion: 43 Resp: 23763

Ion	Ratio	Lower	Upper
43	100		
58	36.2	31.4	47.0
85	11.3	13.4	20.2#

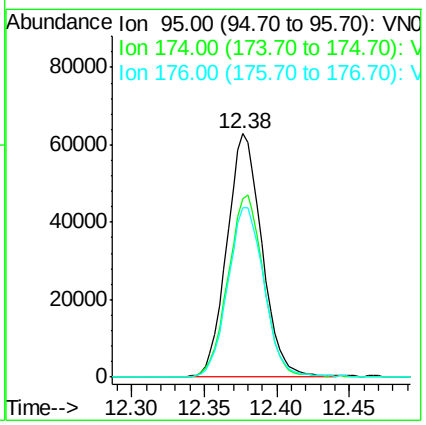


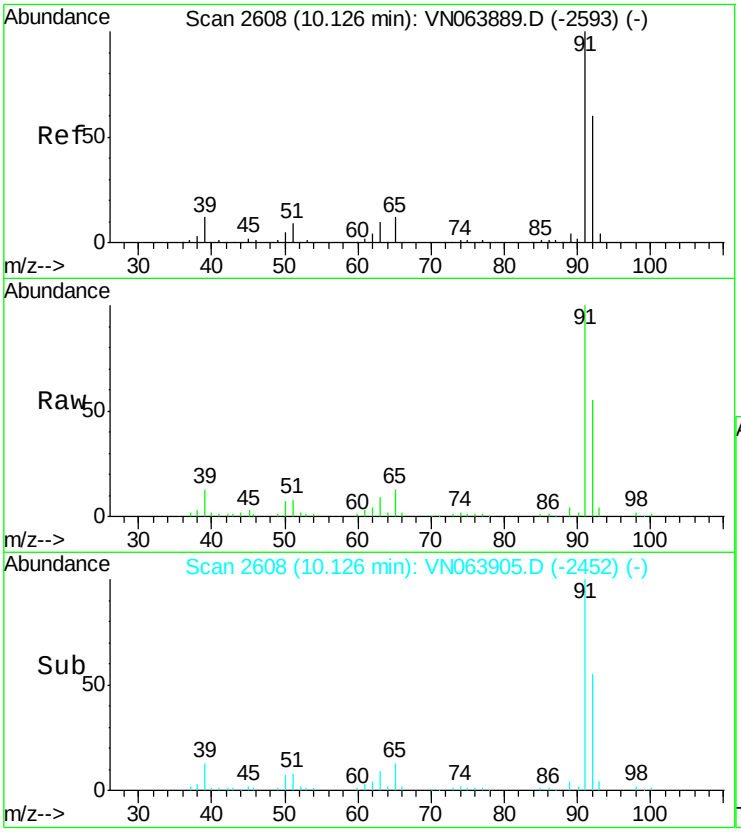


#60
4-Bromofluorobenzene
Concen: 26.938 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Tgt Ion: 95 Resp: 105475

Ion	Ratio	Lower	Upper
95	100		
174	75.6	70.1	105.1
176	71.8	66.8	100.2



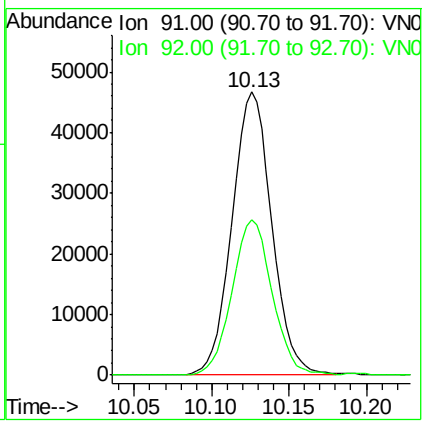


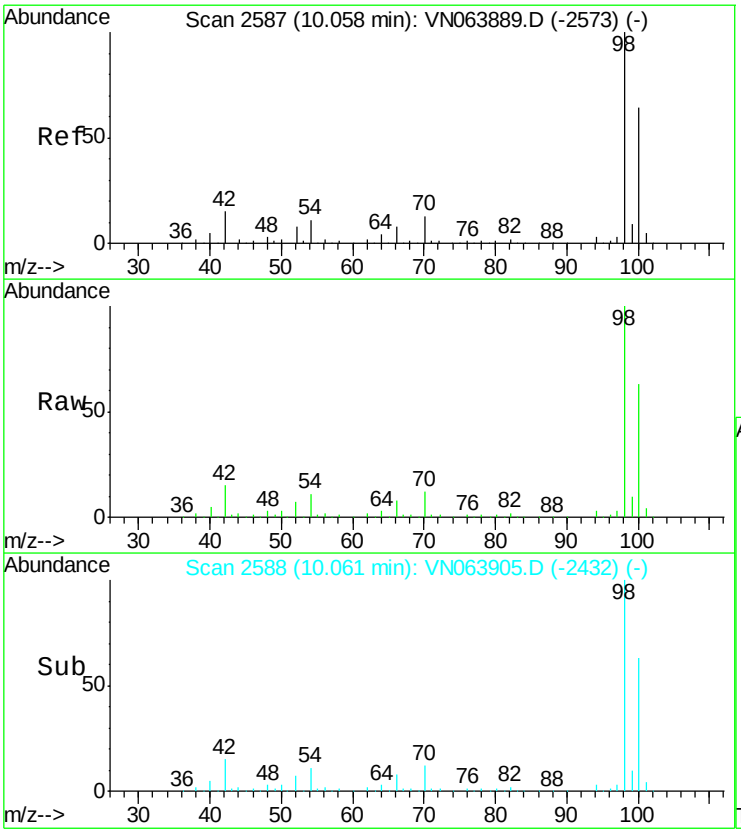
#62
Toluene
Concen: 6.343 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

Tgt Ion: 91 Resp: 83403

Ion	Ratio	Lower	Upper
91	100		
92	55.3	45.5	68.3

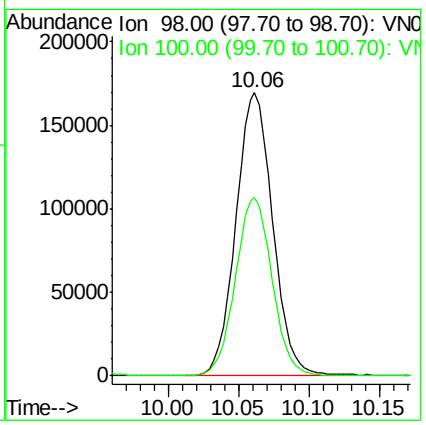


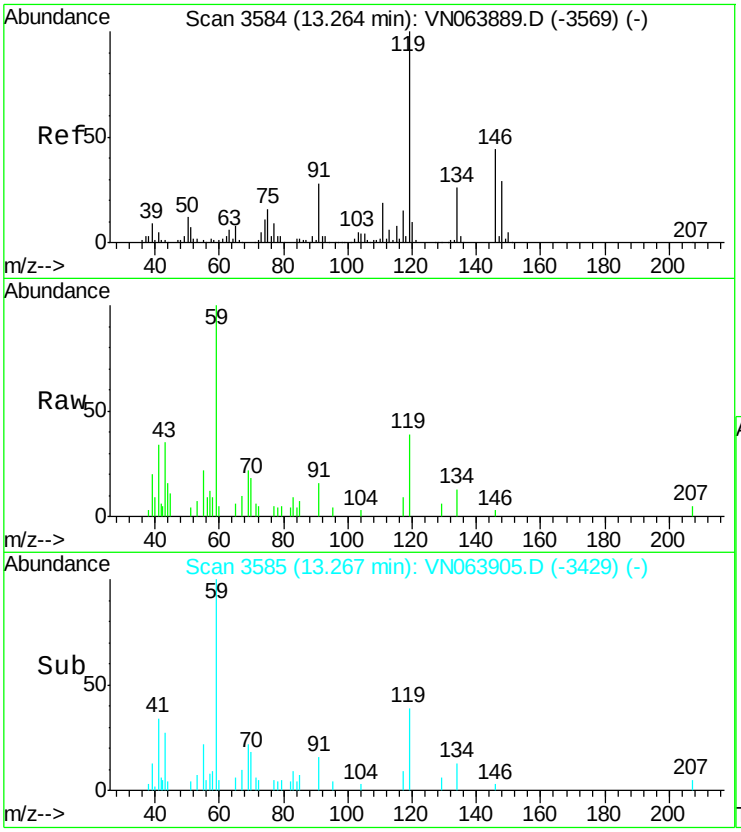


#63
Toluene-d8
Concen: 29.888 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Tgt Ion: 98 Resp: 310122

Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.4	77.2





#82
p-Isopropyltoluene
Concen: 0.247 ug/l
RT: 13.27 min Scan# 3585
Delta R.T. 0.00 min
Lab File: VN063905.D
Acq: 6 Oct 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

Tgt Ion:119 Resp: 2696

Ion	Ratio	Lower	Upper
119	100		
134	31.2	0.0	52.2
91	35.8	0.0	46.2