Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100620\NOT REVIEWED DATA\
Data File : VN063894.D
Acq On : 6 Oct 2020 15:10
Operator : JC/MD
Sample : VN1006WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN1006WBL01

Quant Time: Oct 06 18:28:29 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	57374	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	304293	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	270999	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.98	65	156423	30.36	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.20%			
60) 4-Bromofluorobenzene	12.38	95	117377	25.33	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 84.43%			
63) Toluene-d8	10.06	98	363852	29.63	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.77%			
Target Compounds						Qvalue
5) Bromomethane	2.55	94	606	0.236	ug/l #	60
50) 1,1,2-Trichloroethane	10.06	97	12212	3.181	ug/l #	1
51) Ethyl methacrylate	10.06	69	1500	0.269	ug/l	81
77) t-1,4-Dichloro-2-butene	12.38	75	65275	35.385	ug/l #	12

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

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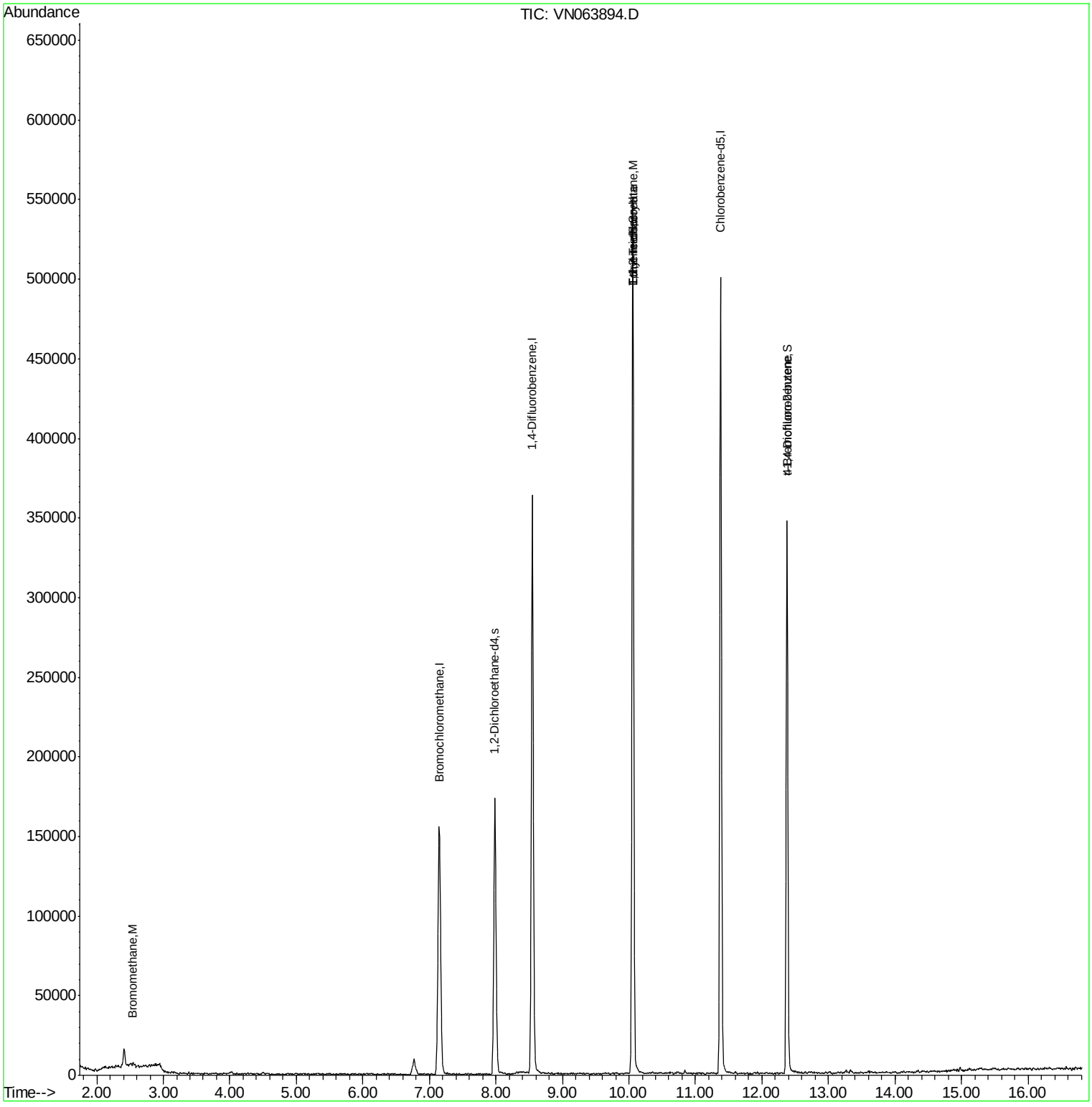
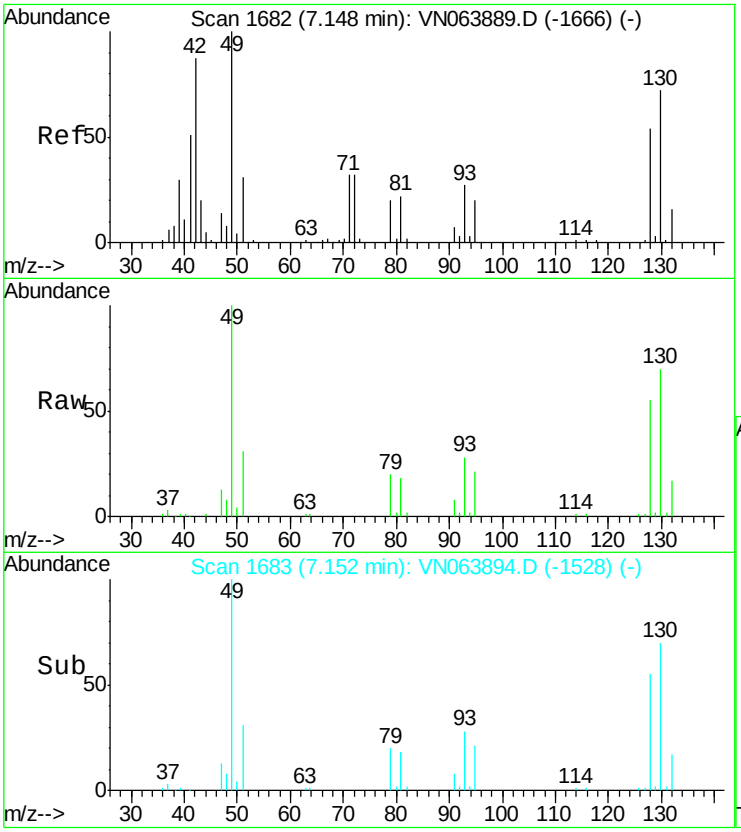


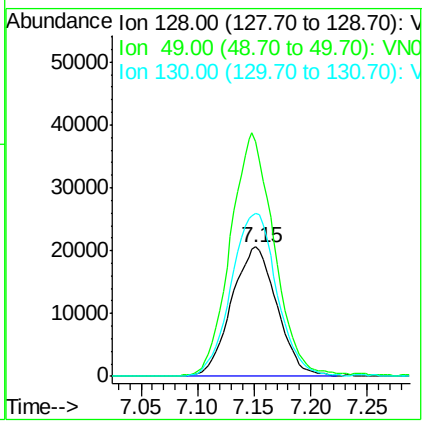


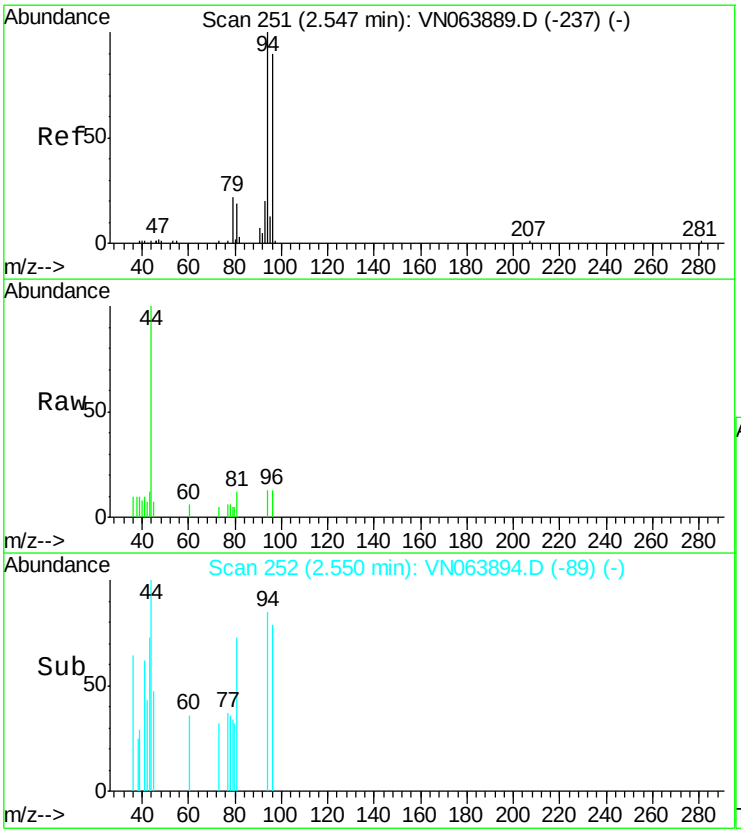
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

Tgt Ion:128 Resp: 57374

Ion	Ratio	Lower	Upper
128	100		
49	182.0	0.0	437.5
130	127.5	0.0	327.3

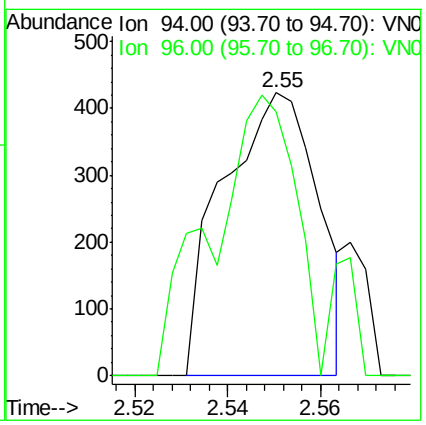


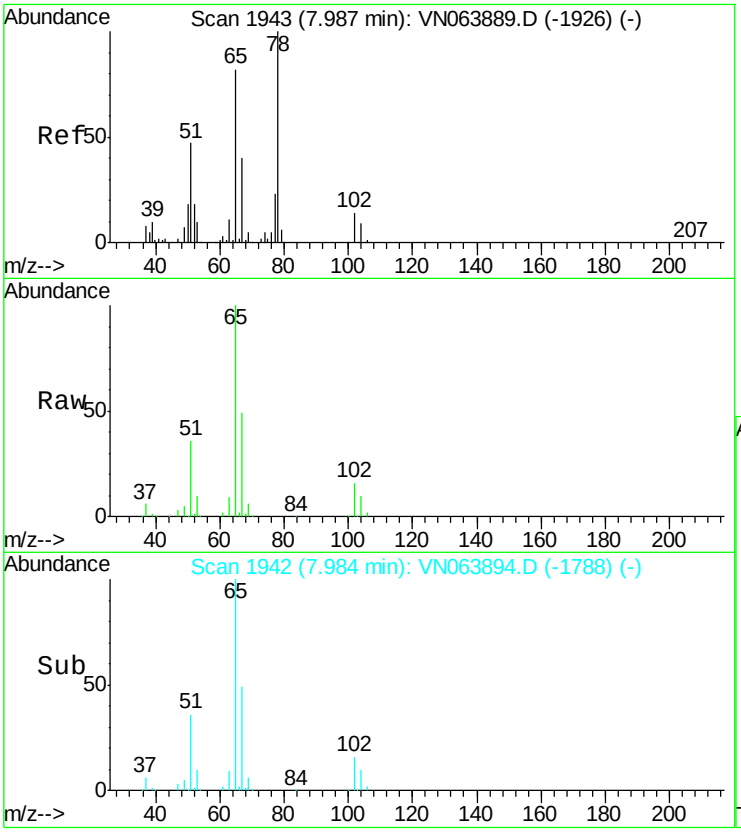


#5
Bromomethane
Concen: 0.236 ug/l
RT: 2.55 min Scan# 252
Delta R.T. 0.02 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion: 94 Resp: 606

Ion	Ratio	Lower	Upper
94	100		
96	53.9	74.0	111.0#



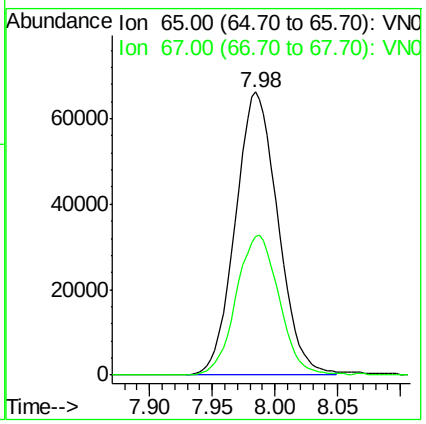


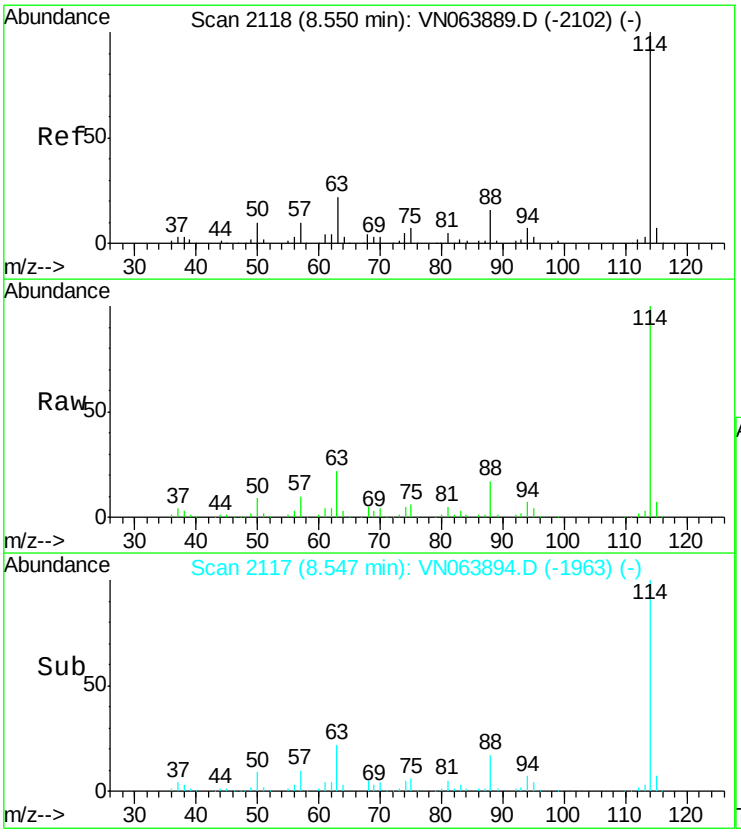
#27
1,2-Dichloroethane-d4
Concen: 30.357 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

Tgt Ion: 65 Resp: 156423

Ion	Ratio	Lower	Upper
65	100		
67	49.9	43.8	65.6

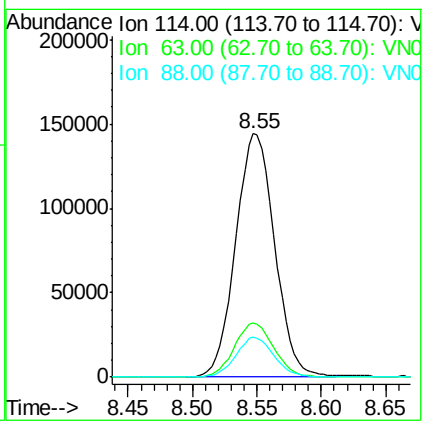


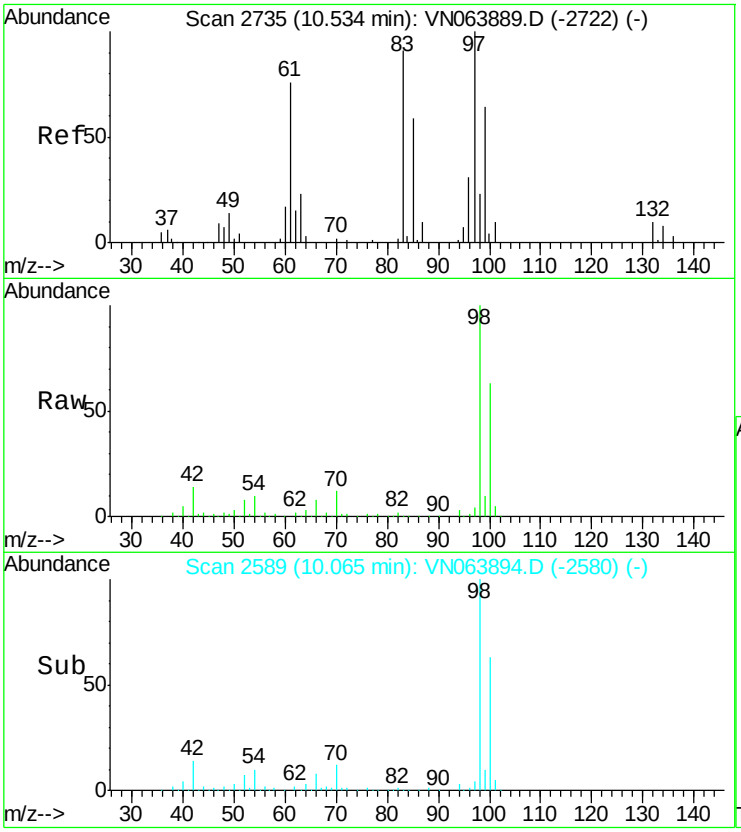


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion:114 Resp: 304293

Ion	Ratio	Lower	Upper
114	100		
63	22.2	17.0	25.6
88	16.1	12.6	18.8



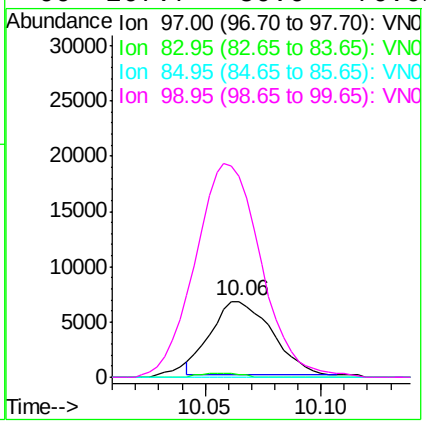


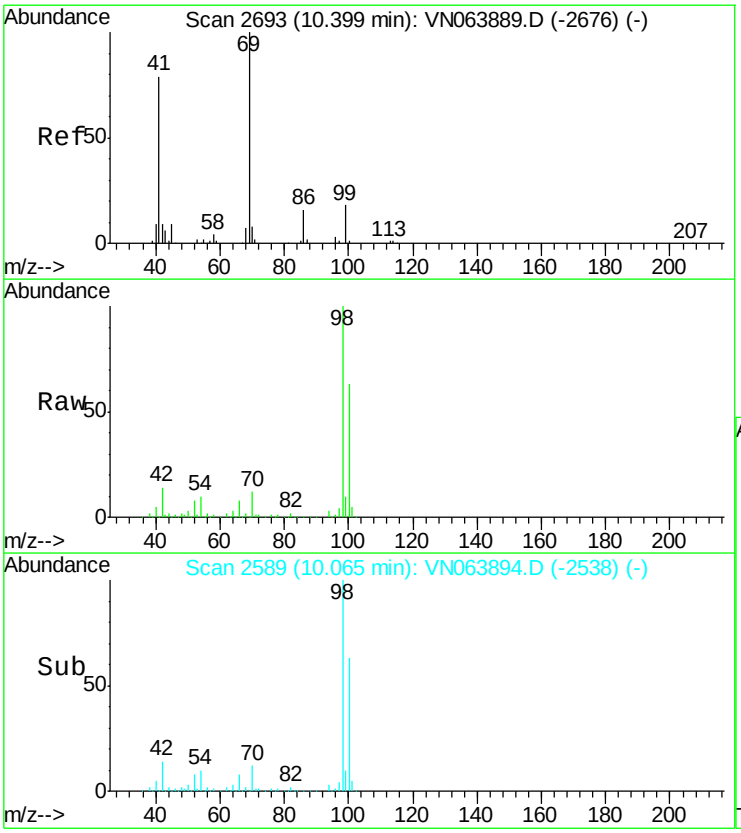
#50
1,1,2-Trichloroethane
Concen: 3.181 ug/l
RT: 10.06 min Scan# 2589
Delta R.T. -0.47 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

Tgt Ion: 97 Resp: 12212

Ion	Ratio	Lower	Upper
97	100		
83	4.3	69.9	104.9#
85	0.0	44.0	66.0#
99	267.7	50.6	76.0#

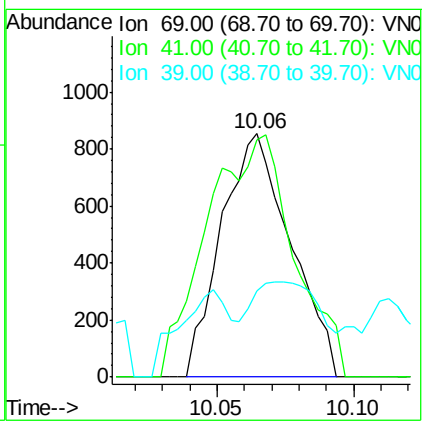


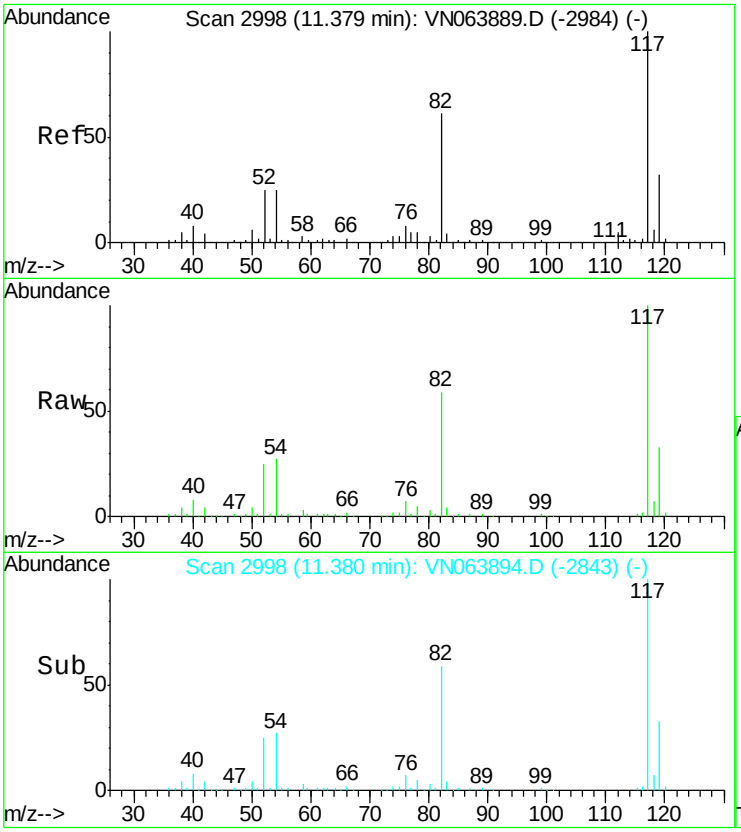


#51
Ethyl methacrylate
Concen: 0.269 ug/l
RT: 10.06 min Scan# 2589
Delta R.T. -0.34 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion: 69 Resp: 1500

Ion	Ratio	Lower	Upper
69	100		
41	76.1	32.1	96.5
39	17.2	16.1	48.3



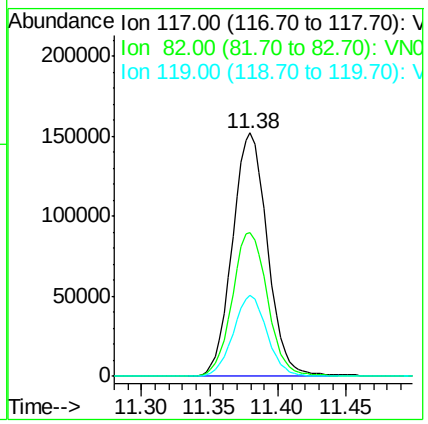


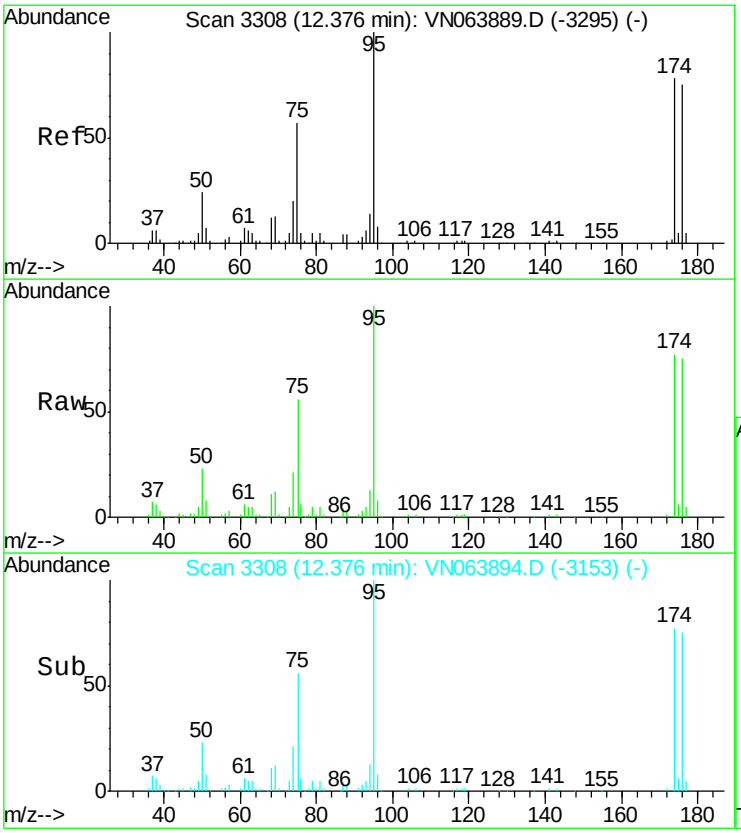
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

Tgt Ion:117 Resp: 270999

Ion	Ratio	Lower	Upper
117	100		
82	59.8	44.9	67.3
119	32.1	26.0	39.0

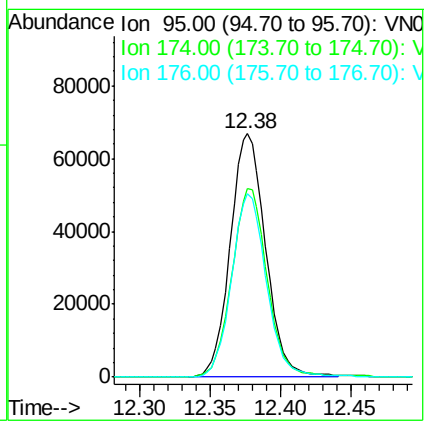


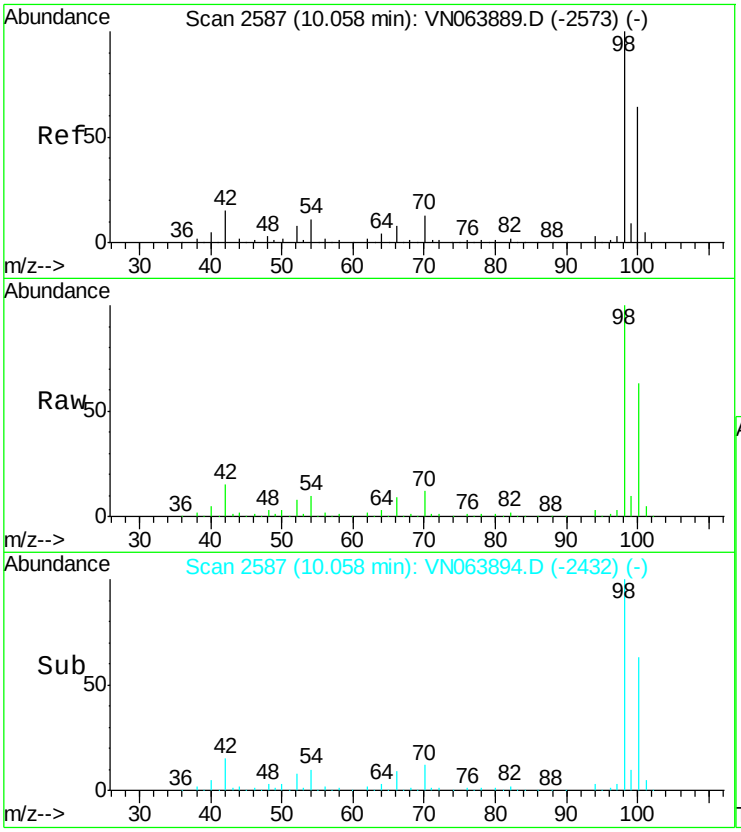


#60
4-Bromofluorobenzene
Concen: 25.327 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion: 95 Resp: 117377

Ion	Ratio	Lower	Upper
95	100		
174	77.5	70.1	105.1
176	73.8	66.8	100.2



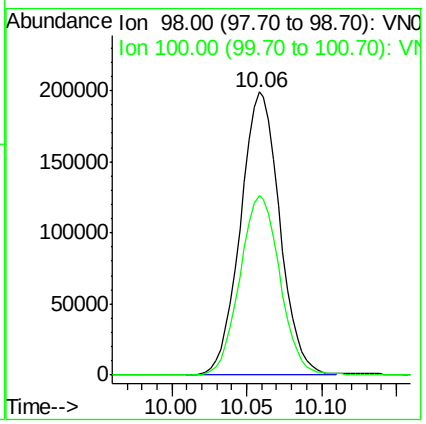


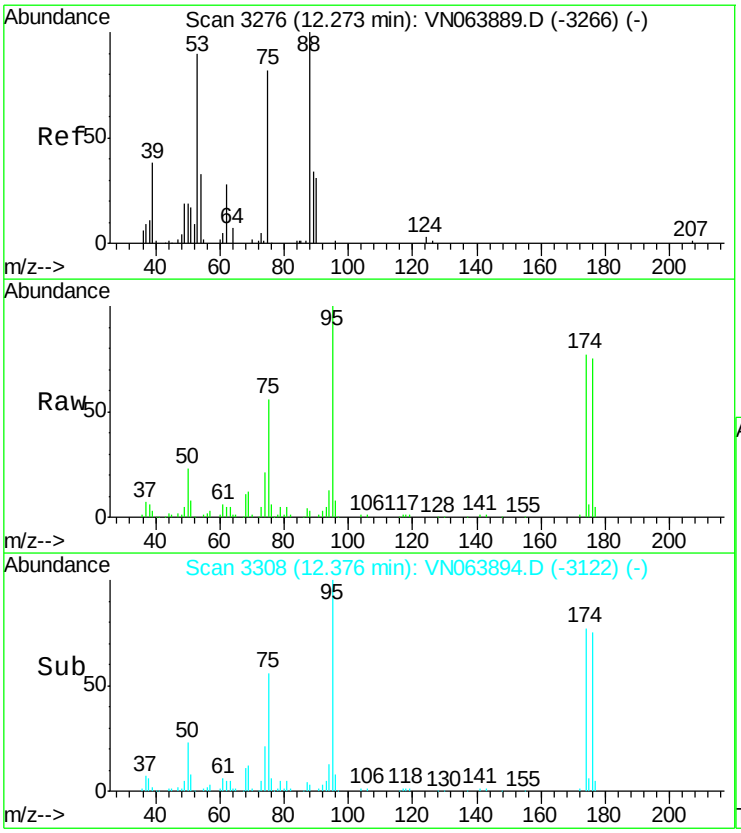
#63
Toluene-d8
Concen: 29.626 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Instrument : MSVOA_N
ClientSampleId : VN1006WBL01

Tgt Ion: 98 Resp: 363852

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2





#77
t-1,4-Dichloro-2-butene
Concen: 35.385 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion: 75 Resp: 65275

Ion	Ratio	Lower	Upper
75	100		
53	0.0	47.0	141.0#
89	0.0	22.9	68.7#