Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082020\
Data File : VN063035.D
Acq On : 20 Aug 2020 14:26
Operator : JC/MD
Sample : VN0820WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0820WBL01

Quant Time: Aug 21 05:41:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	33908	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	165895	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	152011	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	73774	30.71	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.37%			
60) 4-Bromofluorobenzene	12.38	95	54049	22.50	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 75.00%			
63) Toluene-d8	10.06	98	204313	29.29	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 97.63%			
Target Compounds						Qvalue
16) Carbon Disulfide	4.01	76	893	0.210	ug/l #	76
18) Methylene Chloride	4.50	84	2093	0.945	ug/l	96
36) 1,2-Dichloroethane	8.54	62	5364	2.036	ug/l #	74
50) 1,1,2-Trichloroethane	10.07	97	7701	3.828	ug/l #	1
51) Ethyl methacrylate	10.07	69	687	0.251	ug/l #	68
58) 4-Methyl-2-Pentanone	9.95	43	537	0.246	ug/l #	43
59) 2-Hexanone	10.73	43	641	0.411	ug/l #	34
77) t-1,4-Dichloro-2-butene	12.38	75	26839	31.042	ug/l #	12
91) Naphthalene	15.11	128	1412	0.334	ug/l #	68
92) 1,2,3-Trichlorobenzene	15.29	180	693	0.363	ug/l #	62

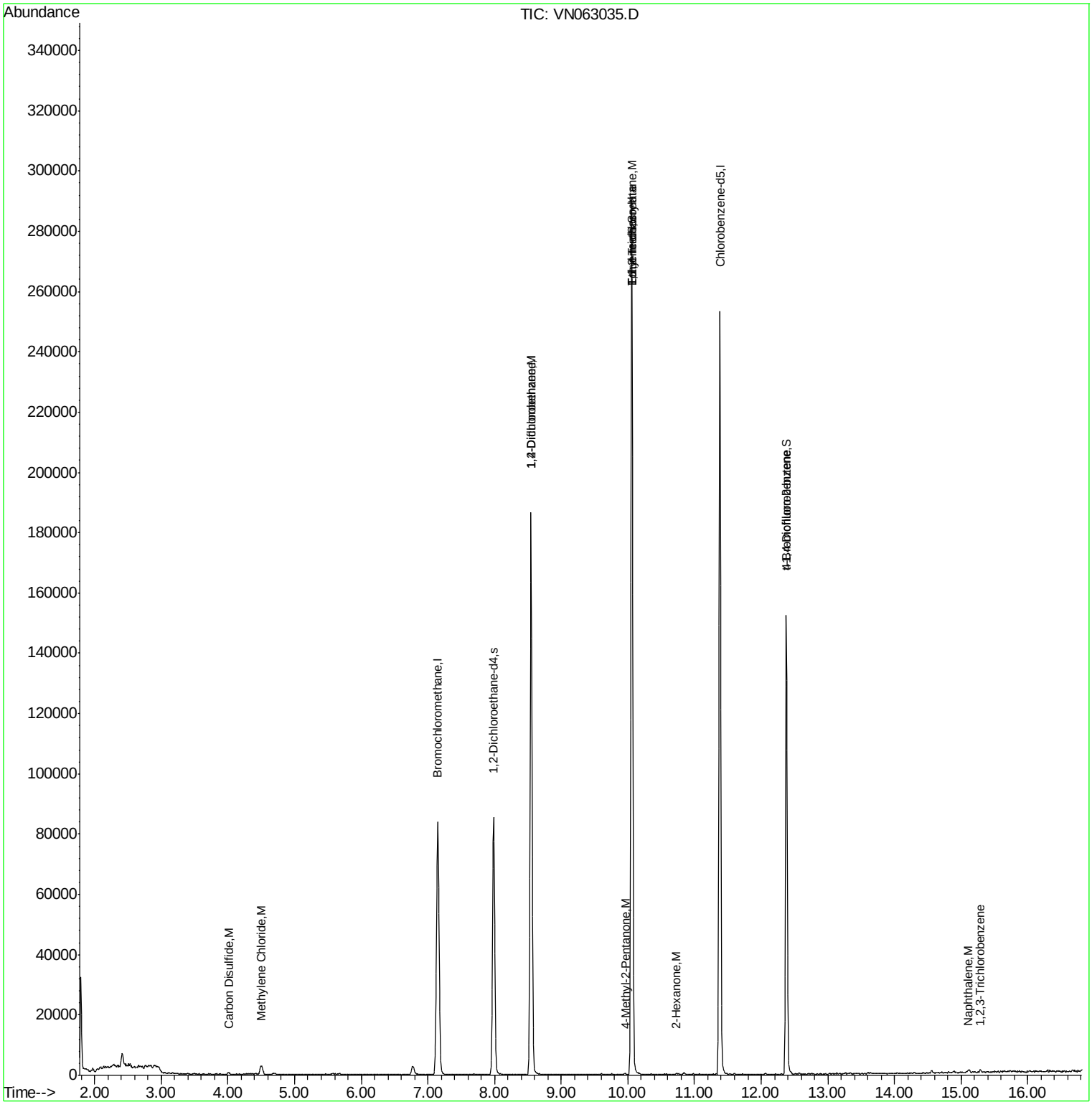
(#) = qualifier out of range (m) = manual integration (+) = signals summed

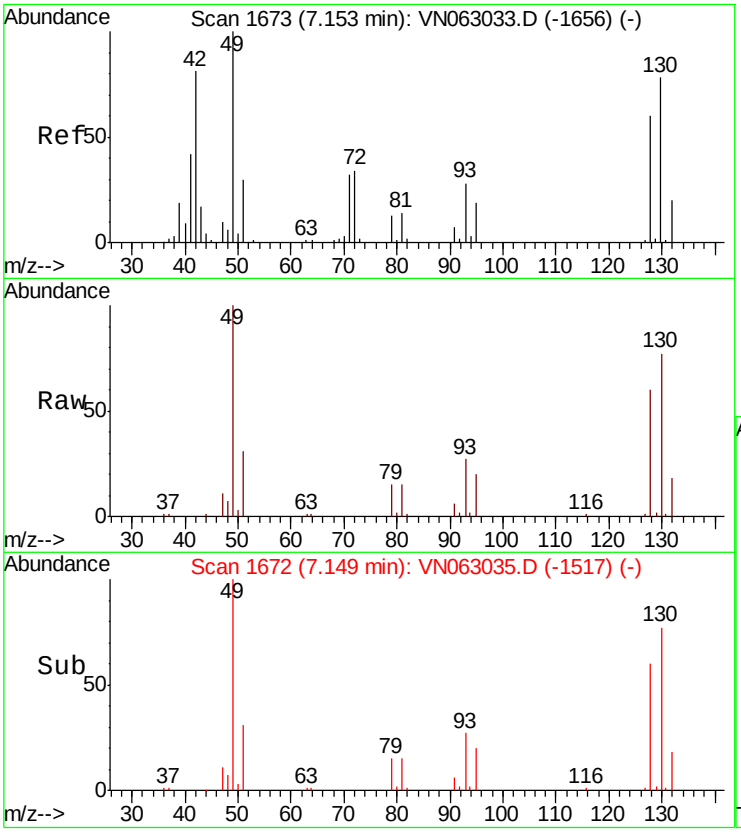
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082020\
Data File : VN063035.D
Acq On : 20 Aug 2020 14:26
Operator : JC/MD
Sample : VN0820WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0820WBL01

Quant Time: Aug 21 05:41:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 2020
Response via : Initial Calibration



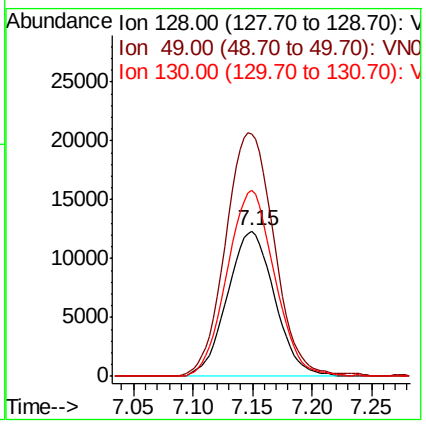


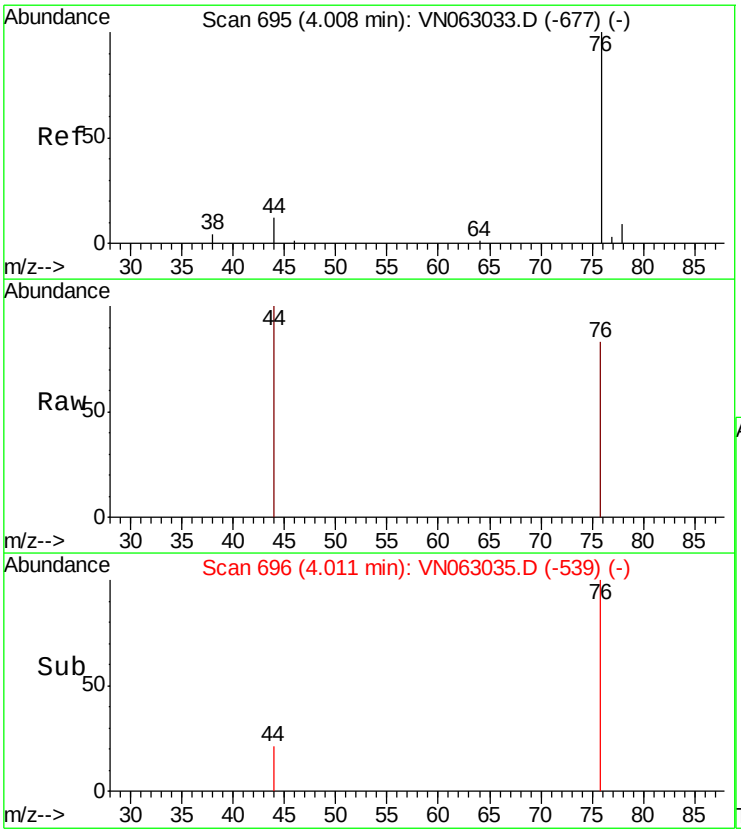
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Tgt Ion:128 Resp: 33908

Ion	Ratio	Lower	Upper
128	100		
49	172.8	0.0	437.5
130	129.3	0.0	327.3

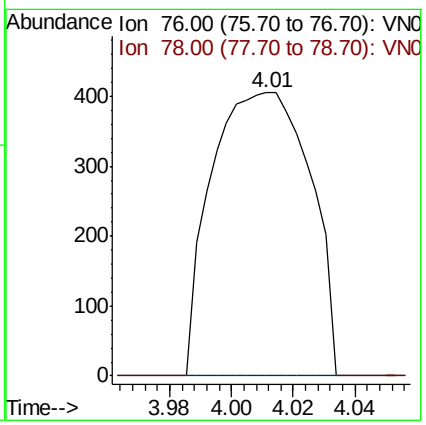


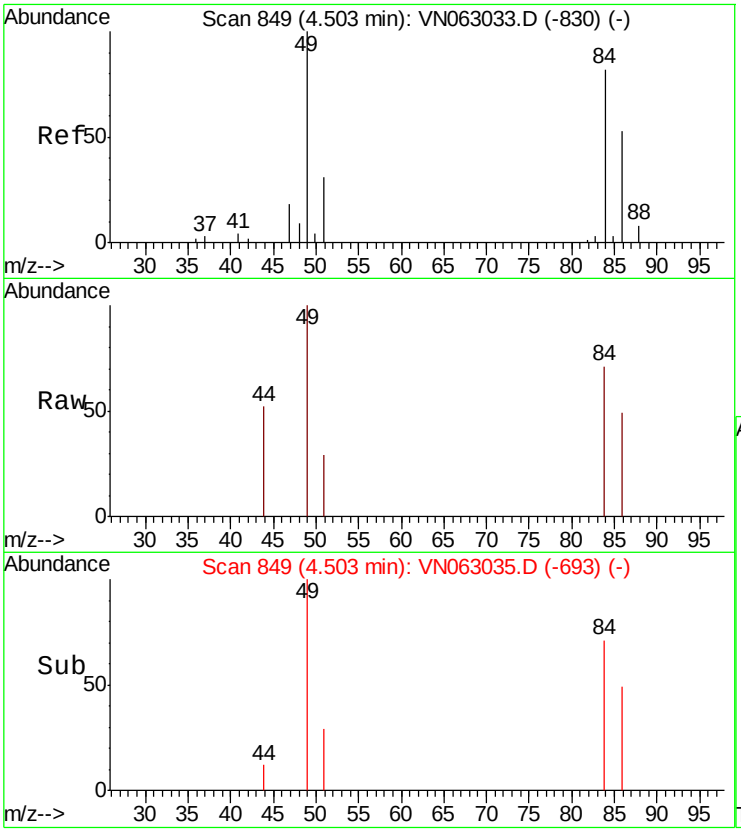


#16
Carbon Disulfide
Concen: 0.210 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Tgt Ion: 76 Resp: 893

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



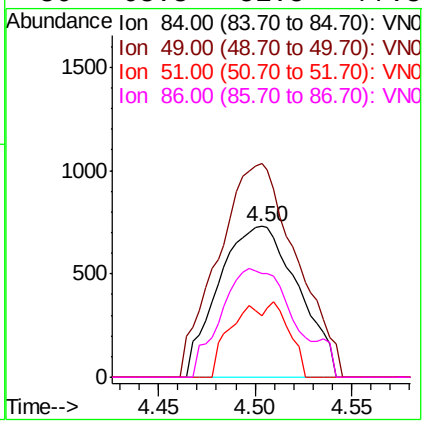


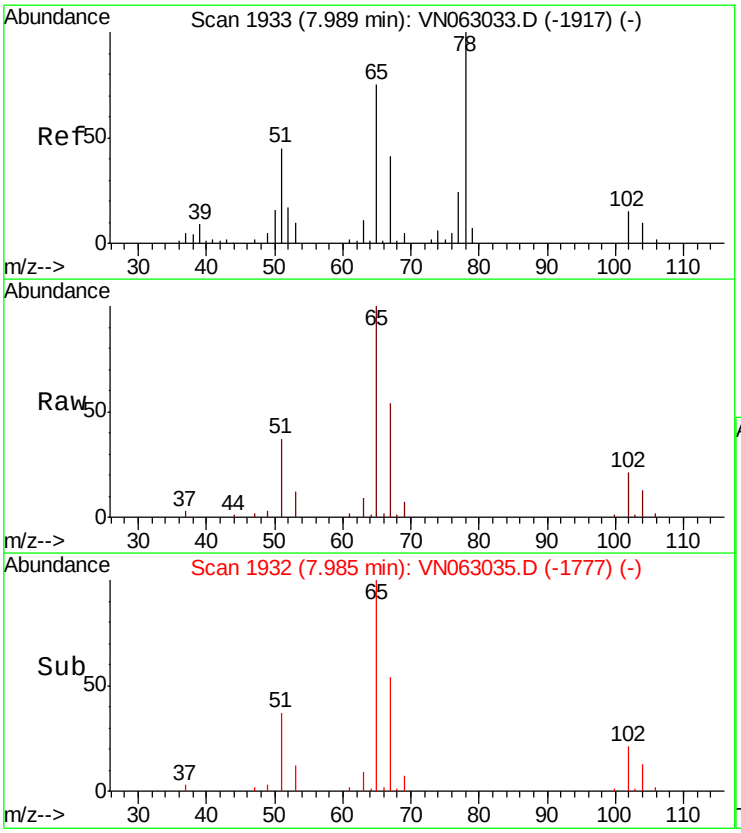
#18
Methylene Chloride
Concen: 0.945 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Instrument : MSVOA_N
ClientSampleId : VN0820WBL01

Tgt Ion: 84 Resp: 2093

Ion	Ratio	Lower	Upper
84	100		
49	119.2	97.8	146.8
51	41.0	30.7	46.1
86	68.8	51.5	77.3

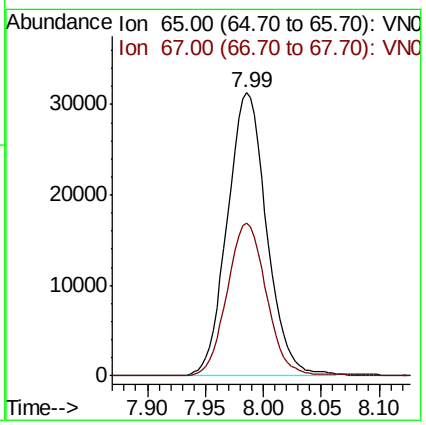


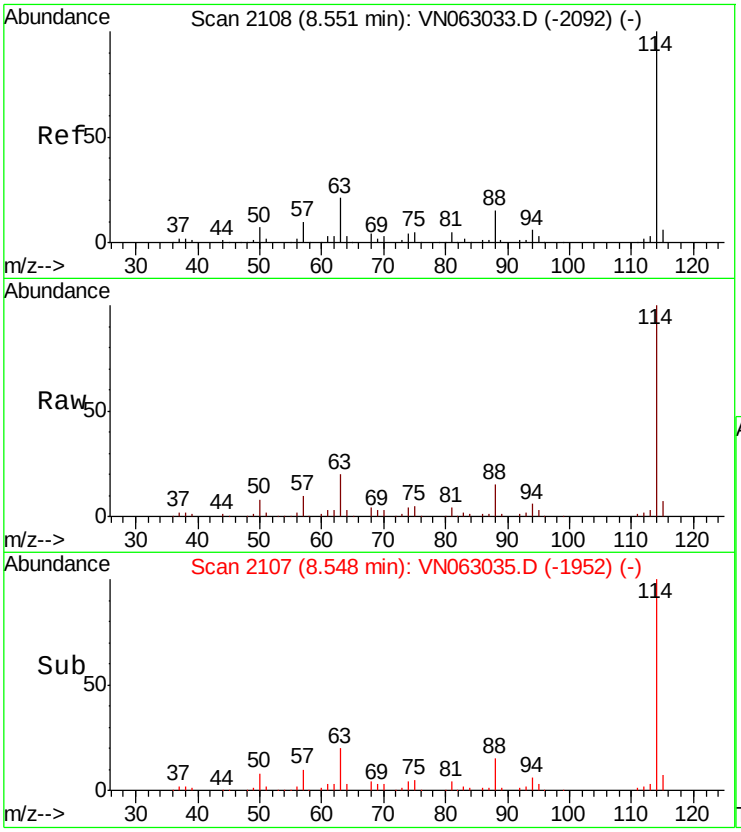


#27
1,2-Dichloroethane-d4
Concen: 30.707 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Tgt Ion: 65 Resp: 73774

Ion	Ratio	Lower	Upper
65	100		
67	53.8	43.8	65.6



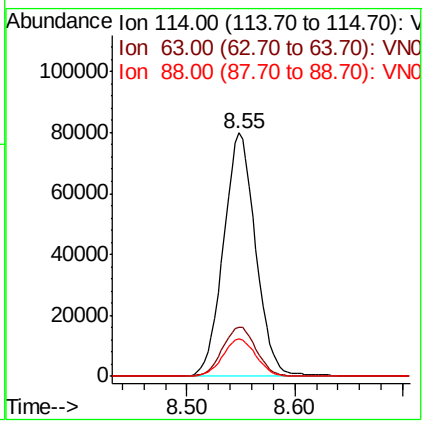


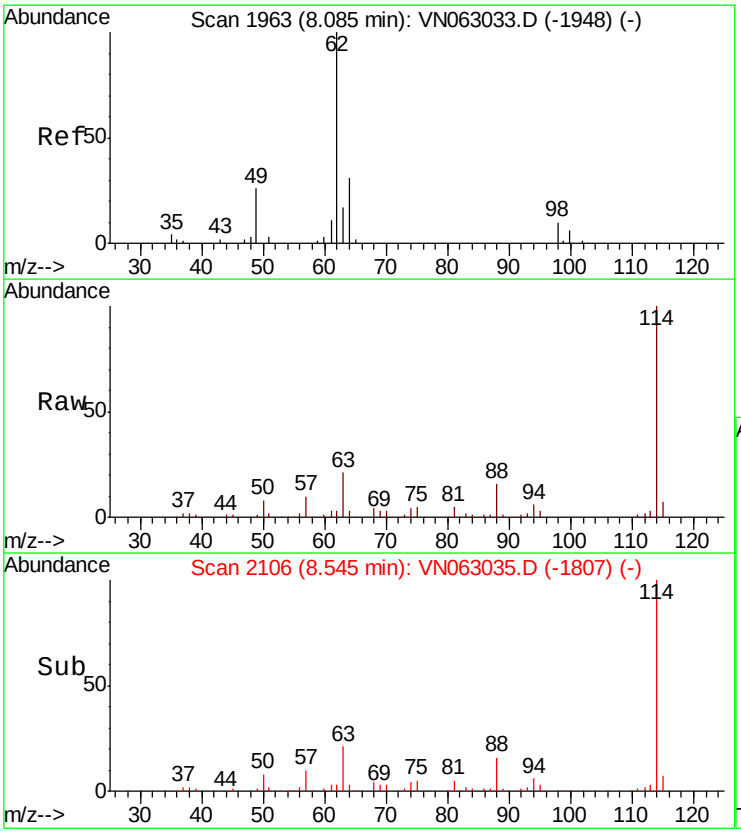
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Tgt Ion:114 Resp: 165895

Ion	Ratio	Lower	Upper
114	100		
63	21.2	17.0	25.6
88	15.8	12.6	18.8

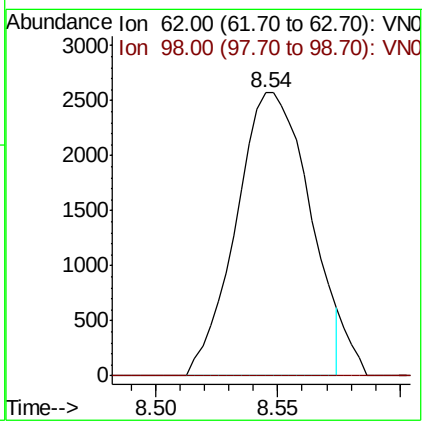


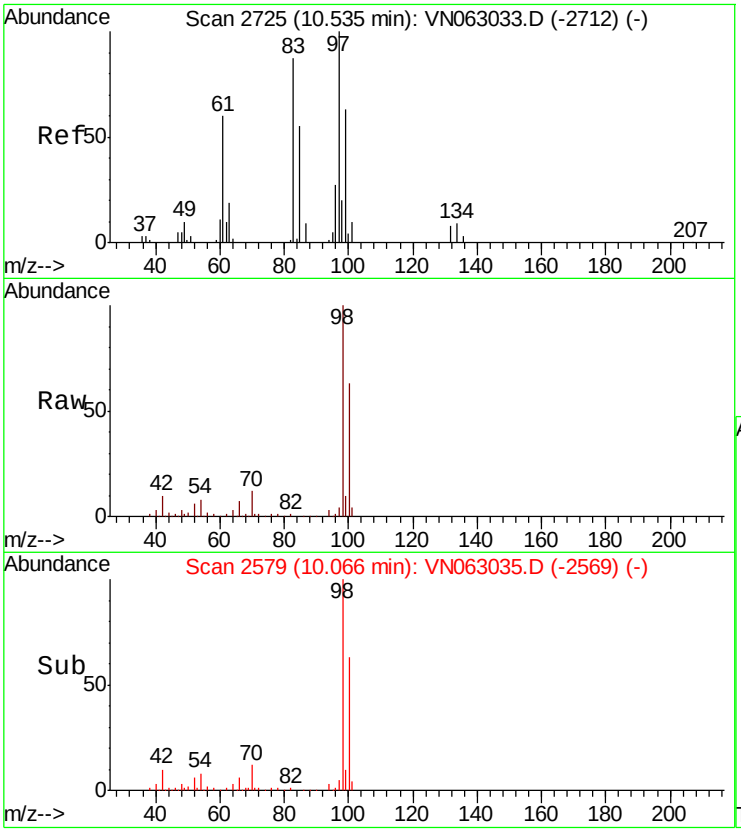


#36
1,2-Dichloroethane
Concen: 2.036 ug/l
RT: 8.54 min Scan# 2106
Delta R.T. 0.46 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Tgt Ion: 62 Resp: 5364

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#



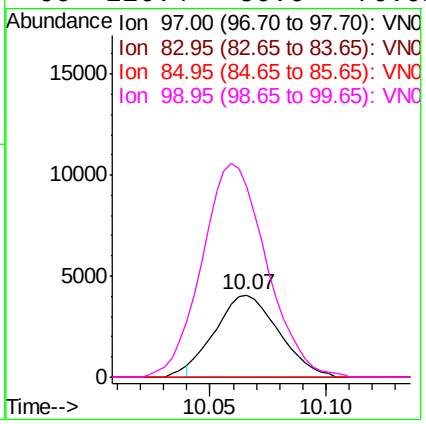


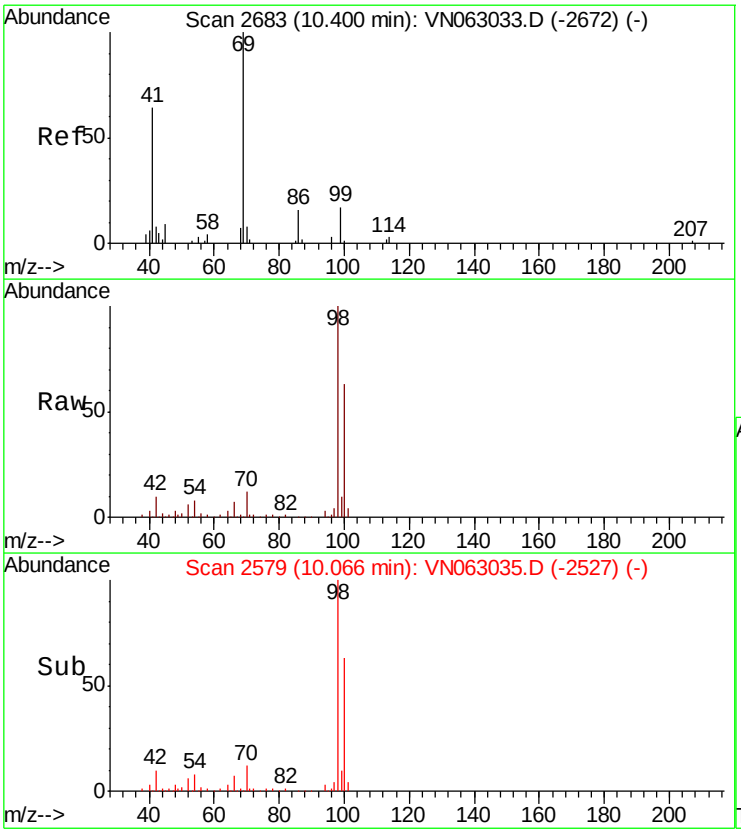
#50
1,1,2-Trichloroethane
Concen: 3.828 ug/l
RT: 10.07 min Scan# 2579
Delta R.T. -0.47 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Instrument : MSVOA_N
ClientSampleId : VN0820WBL01

Tgt Ion: 97 Resp: 7701

Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.9	104.9#
85	0.0	44.0	66.0#
99	226.4	50.6	76.0#

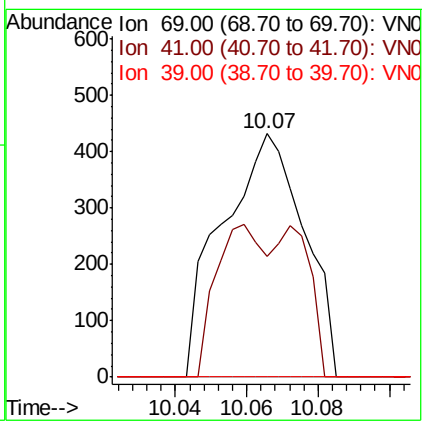


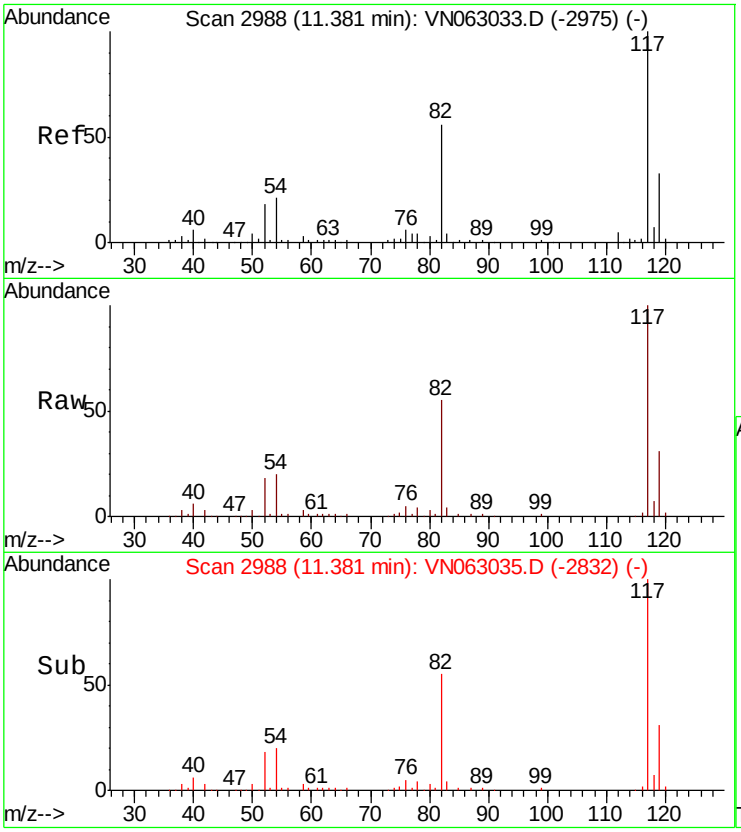


#51
Ethyl methacrylate
Concen: 0.251 ug/l
RT: 10.07 min Scan# 2579
Delta R.T. -0.33 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Tgt Ion: 69 Resp: 687

Ion	Ratio	Lower	Upper
69	100		
41	49.8	32.1	96.5
39	0.0	16.1	48.3#



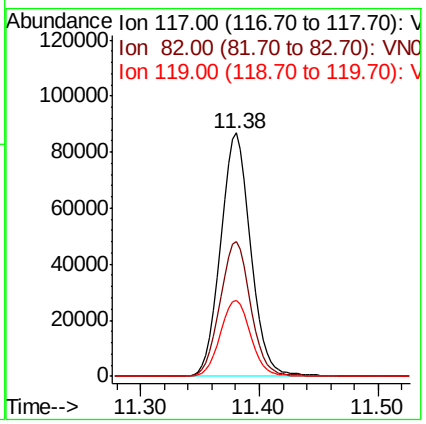


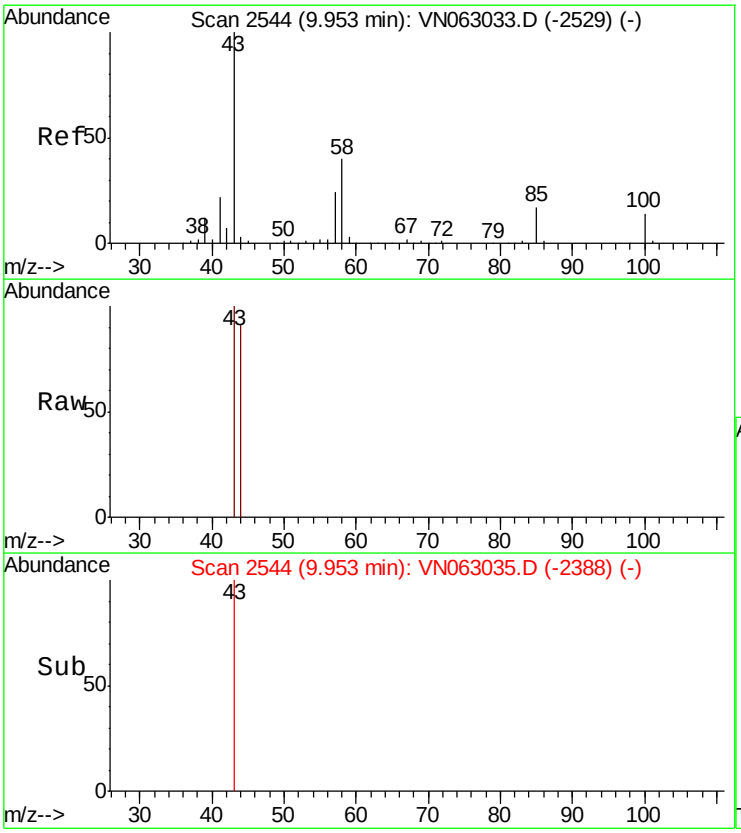
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Tgt Ion:117 Resp: 152011

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.9	67.3
119	31.6	26.0	39.0

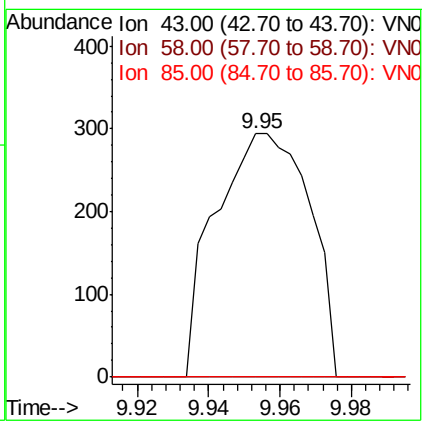


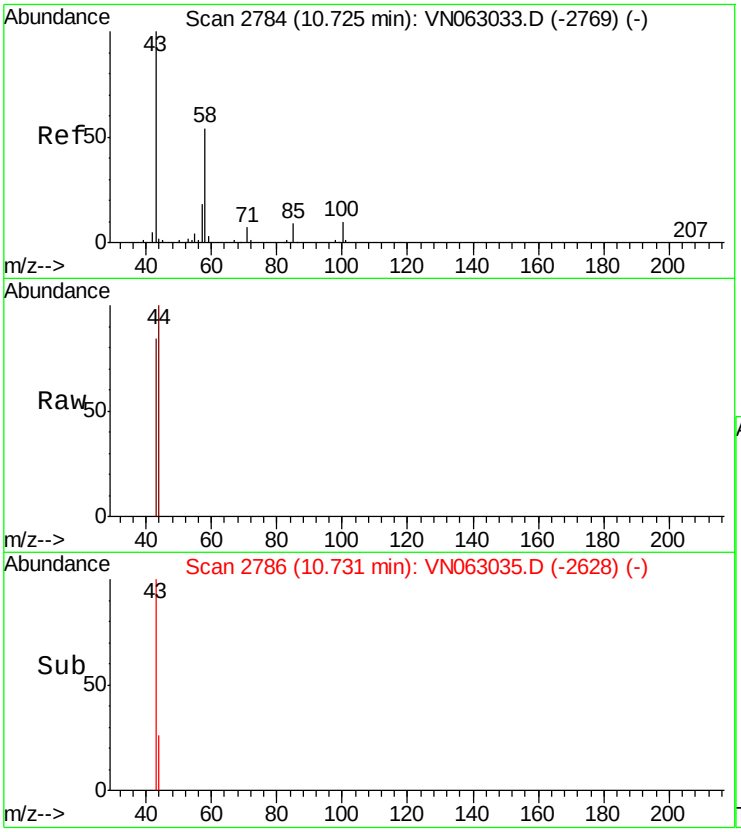


#58
4-Methyl-2-Pentanone
Concen: 0.246 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Tgt Ion: 43 Resp: 537

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.4	47.0#
85	0.0	13.4	20.2#



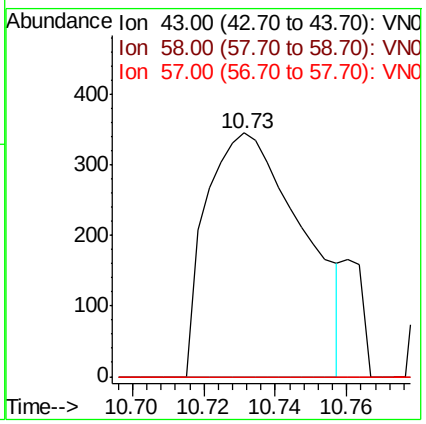


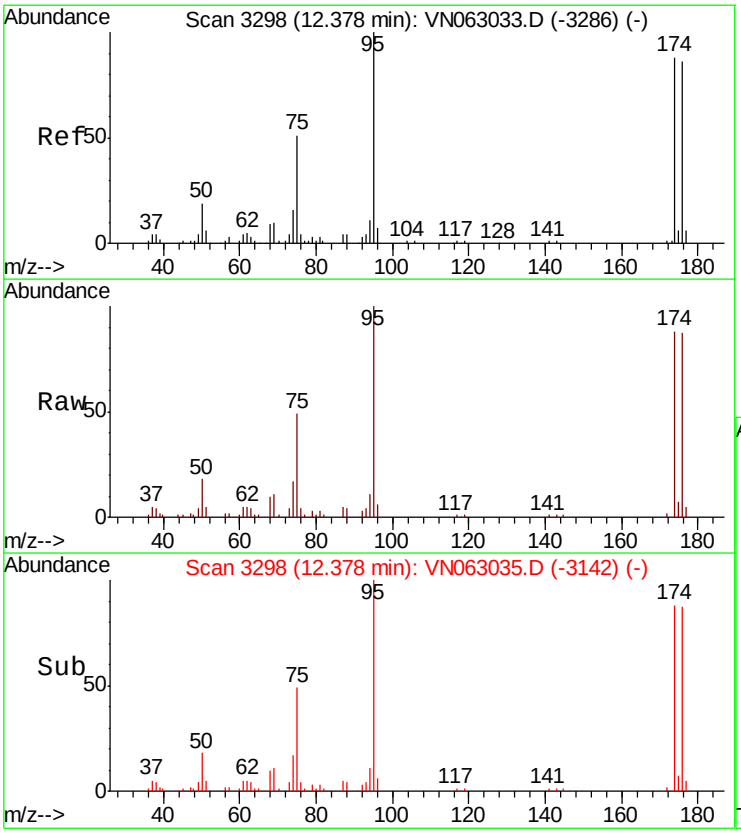
#59
2-Hexanone
Concen: 0.411 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Instrument : MSVOA_N
ClientSampleId : VN0820WBL01

Tgt Ion: 43 Resp: 641

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.6	64.0#
57	0.0	14.6	21.8#

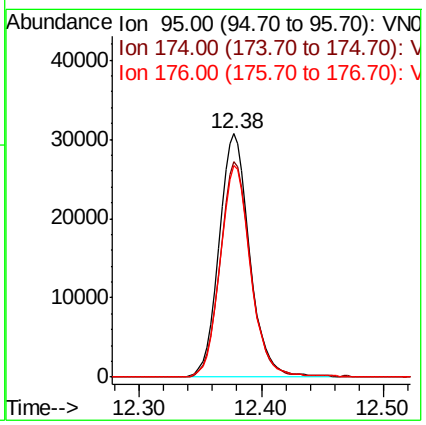


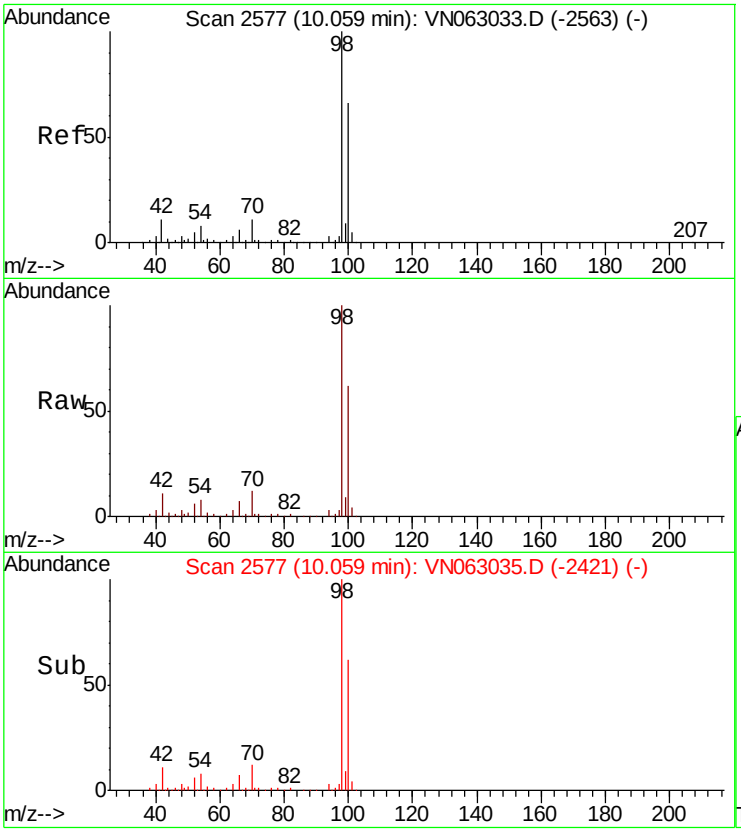


#60
4-Bromofluorobenzene
Concen: 22.501 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Tgt Ion: 95 Resp: 54049

Ion	Ratio	Lower	Upper
95	100		
174	87.8	70.1	105.1
176	86.4	66.8	100.2



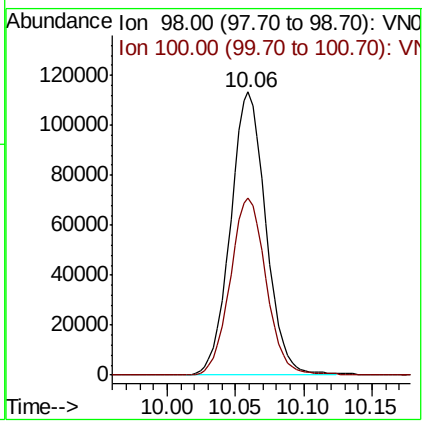


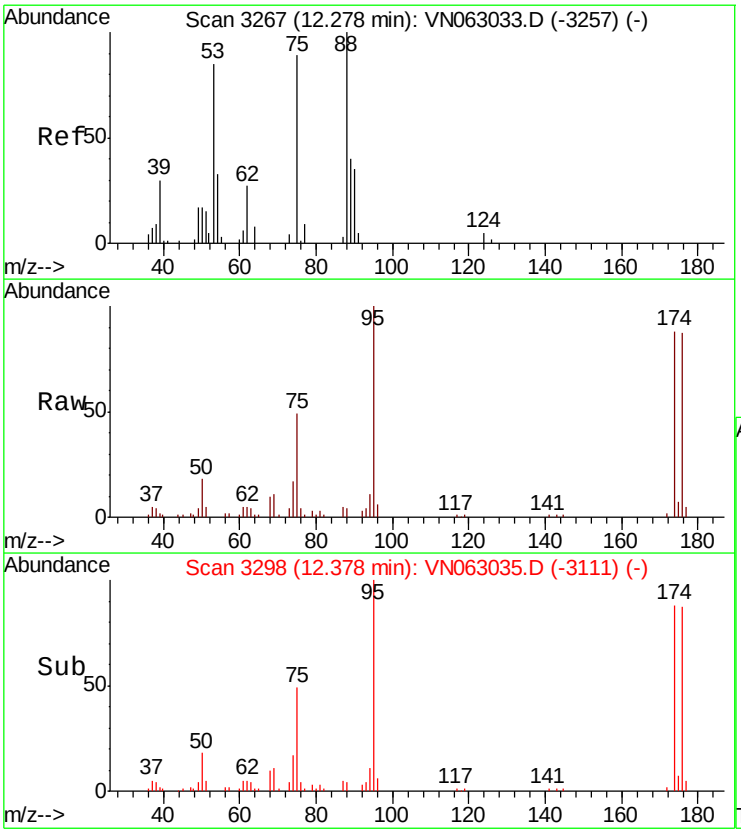
#63
Toluene-d8
Concen: 29.287 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Instrument : MSVOA_N
ClientSampleId : VN0820WBL01

Tgt Ion: 98 Resp: 204313

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.4	77.2

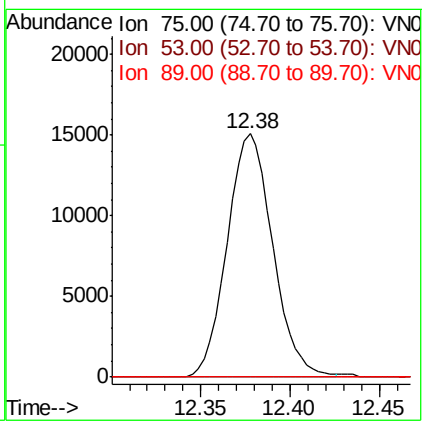


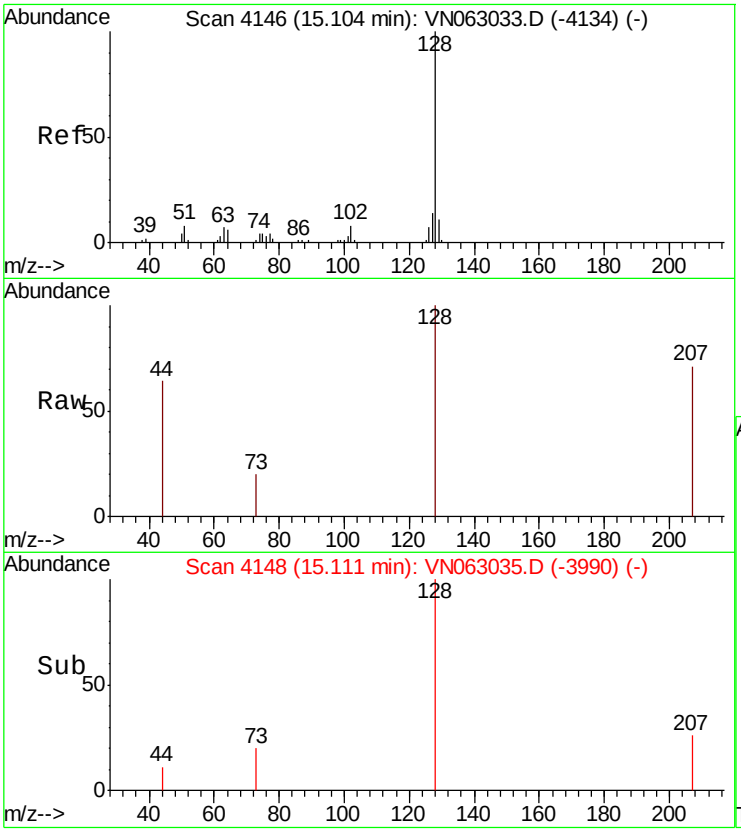


#77
t-1,4-Dichloro-2-butene
Concen: 31.042 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Tgt Ion: 75 Resp: 26839

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



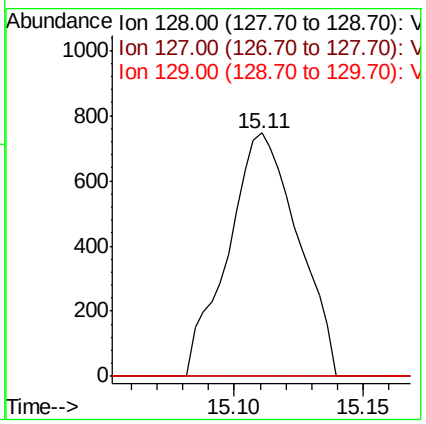


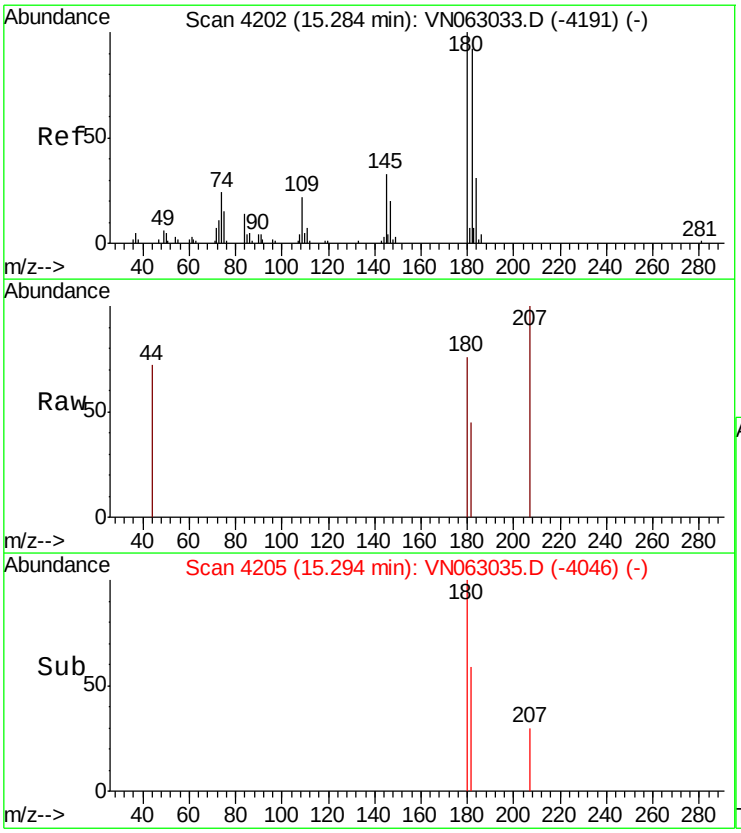
#91
Naphthalene
Concen: 0.334 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Tgt Ion:128 Resp: 1412

Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.1	16.7#
129	0.0	8.4	12.6#





#92
1,2,3-Trichlorobenzene
Concen: 0.363 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.01 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Tgt Ion:180 Resp: 693

Ion	Ratio	Lower	Upper
180	100		
182	63.2	0.0	188.0
145	0.0	0.0	62.0