Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052919\
Data File : VN055878.D
Acq On : 29 May 2019 15:23
Operator : JC/SP
Sample : K3085-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TRIP-BLANK

Quant Time: May 30 03:40:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N052219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 23 05:54:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	53910	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	283903	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	226726	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	106574	30.24	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.80%			
60) 4-Bromofluorobenzene	12.40	95	83401	23.65	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 78.83%			
63) Toluene-d8	10.09	98	331133	31.96	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 106.53%			
Target Compounds						Qvalue
12) Methyl Acetate	4.34	43	1906	0.548	ug/l #	51
15) Acetone	3.83	58	2702	5.483	ug/l	76
17) Allyl chloride	4.08	41	1537	0.300	ug/l #	71
18) Methylene Chloride	4.55	84	1137	0.349	ug/l	86
30) 2-Butanone	6.85	43	1980	0.935	ug/l #	59
35) Methacrylonitrile	7.21	41	923	0.472	ug/l #	24
43) Ethyl Acetate	6.85	43	1980	0.476	ug/l #	100
50) 1,1,2-Trichloroethane	10.10	97	9769	3.150	ug/l #	1
56) Bromoform	12.40	173	655	0.218	ug/l #	1
58) 4-Methyl-2-Pentanone	9.99	43	873	0.233	ug/l #	73
72) 1,2,3-Trichloropropane	12.40	75	38202	11.008	ug/l	1
77) t-1,4-Dichloro-2-butene	12.40	75	38202	27.712	ug/l #	17

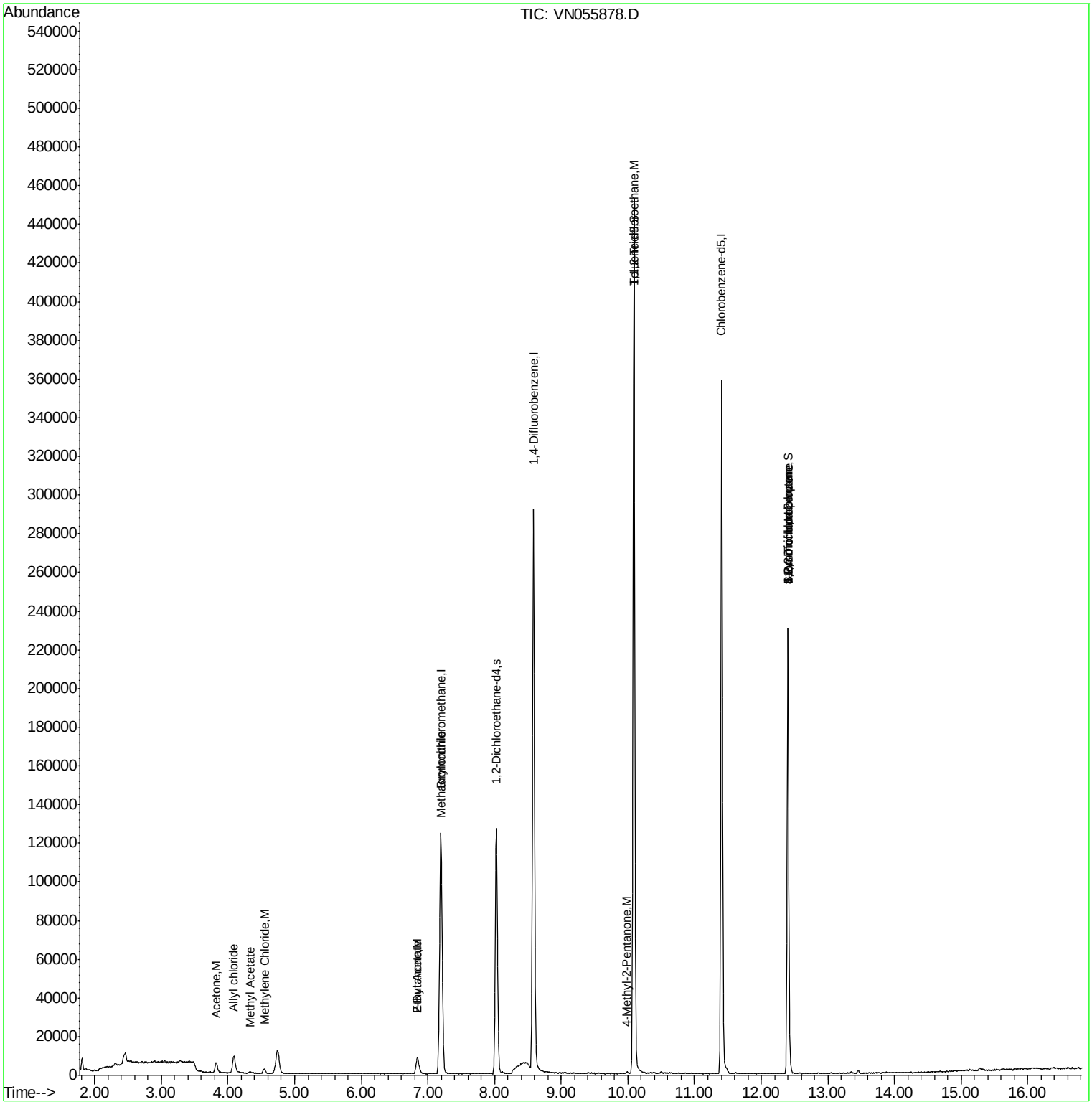
(#) = qualifier out of range (m) = manual integration (+) = signals summed

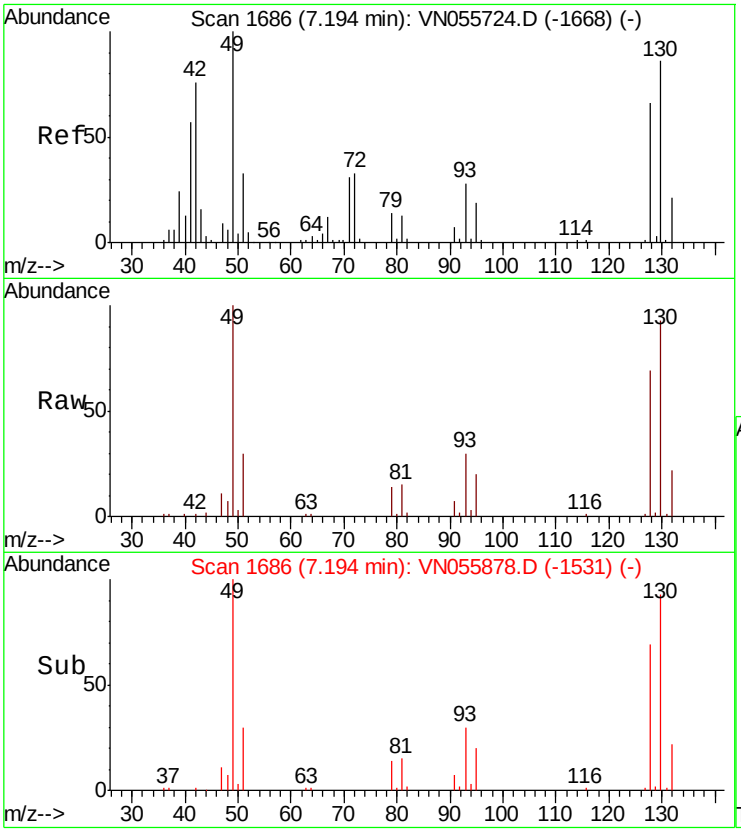
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052919\
Data File : VN055878.D
Acq On : 29 May 2019 15:23
Operator : JC/SP
Sample : K3085-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Quant Time: May 29 18:00:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N052219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 23 05:54:54 2019
Response via : Initial Calibration



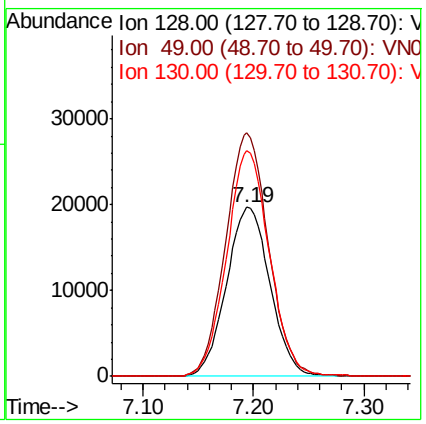


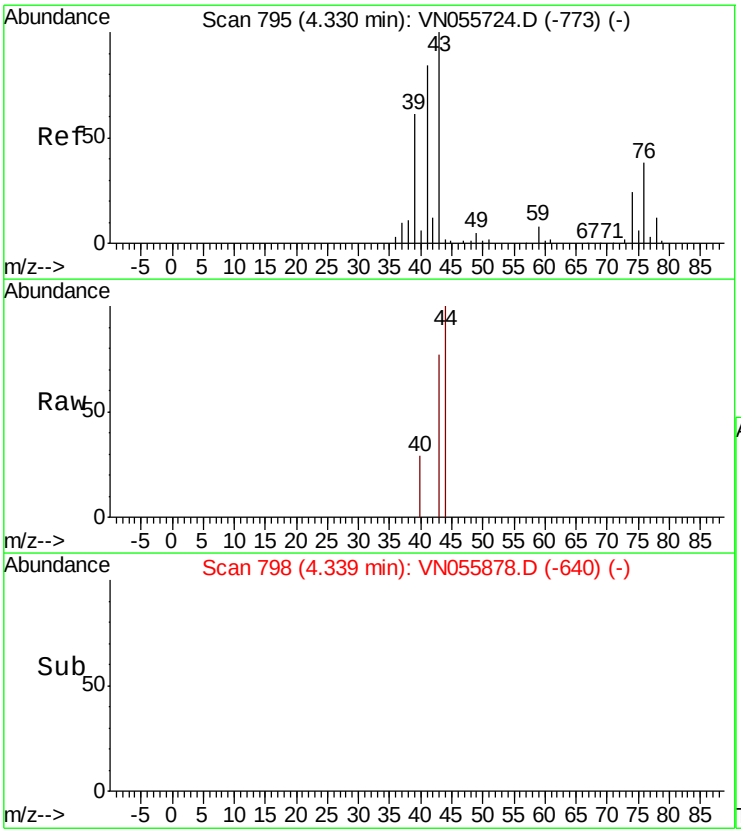
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:128 Resp: 53910

Ion	Ratio	Lower	Upper
128	100		
49	141.9	0.0	383.2
130	131.1	0.0	326.3

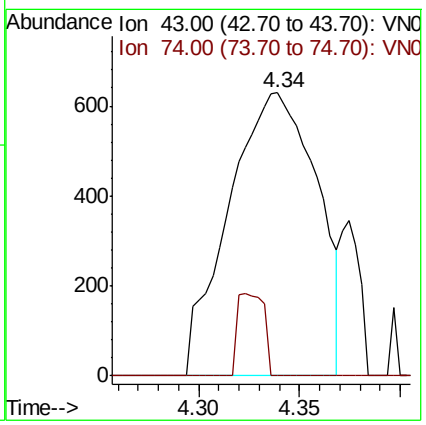


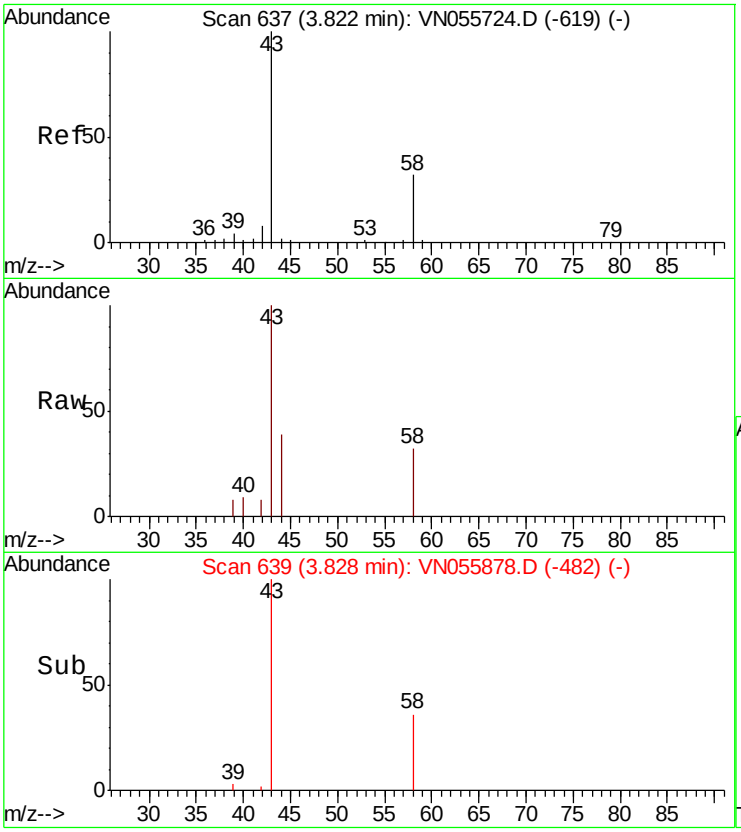


#12
Methyl Acetate
Concen: 0.548 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Tgt Ion: 43 Resp: 1906

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#



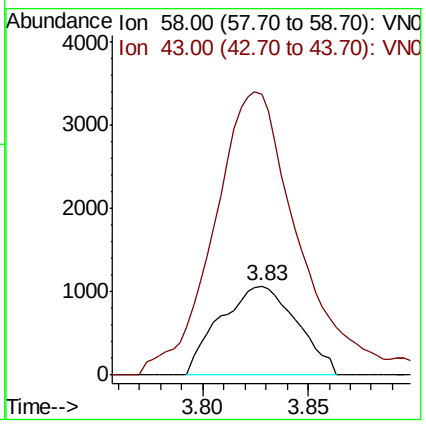


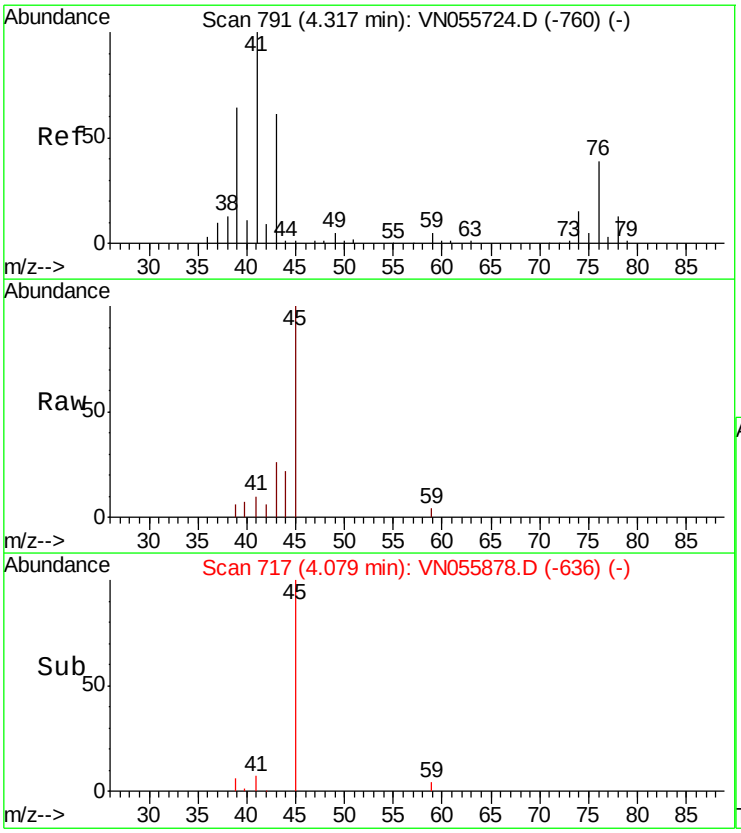
#15
Acetone
Concen: 5.483 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 58 Resp: 2702

Ion	Ratio	Lower	Upper
58	100		
43	262.3	248.8	373.2

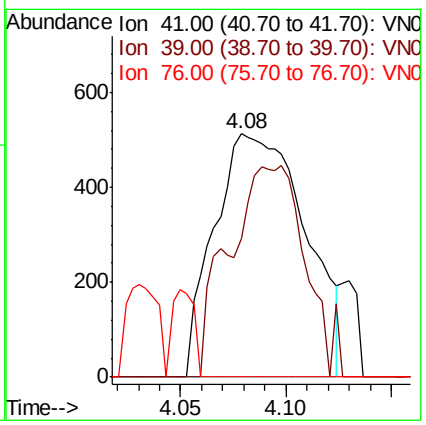


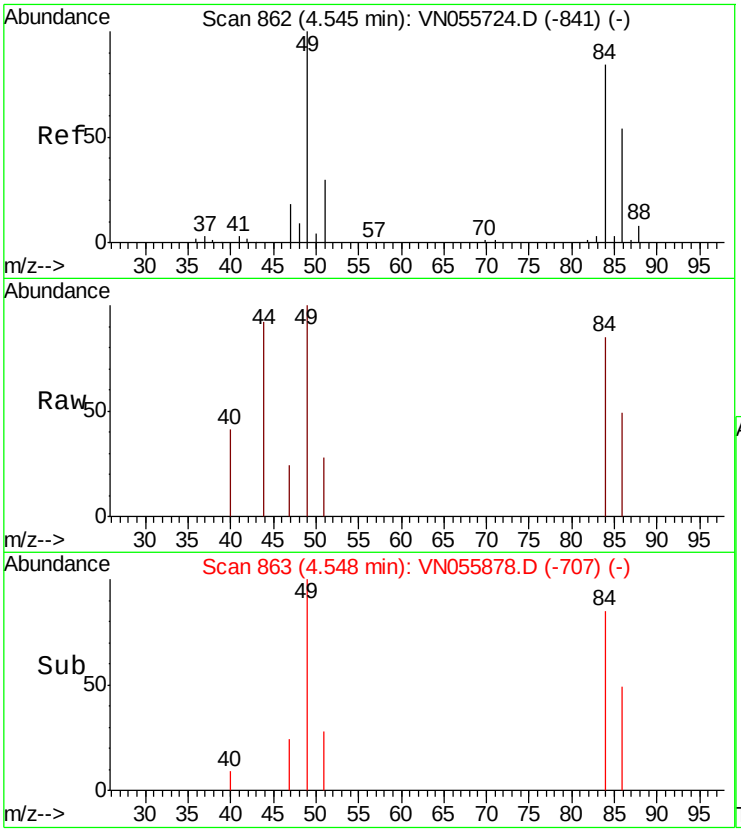


#17
Allyl chloride
Concen: 0.300 ug/l
RT: 4.08 min Scan# 717
Delta R.T. -0.24 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Tgt Ion: 41 Resp: 1537

Ion	Ratio	Lower	Upper
41	100		
39	56.7	31.8	95.3
76	0.0	19.3	57.9#



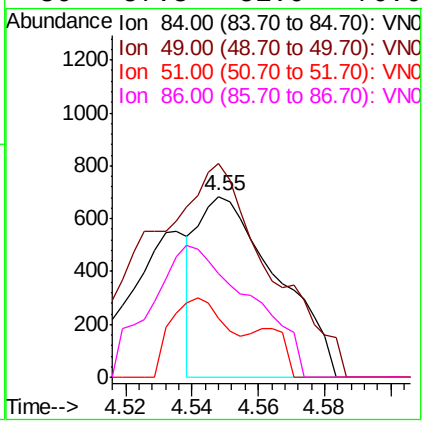


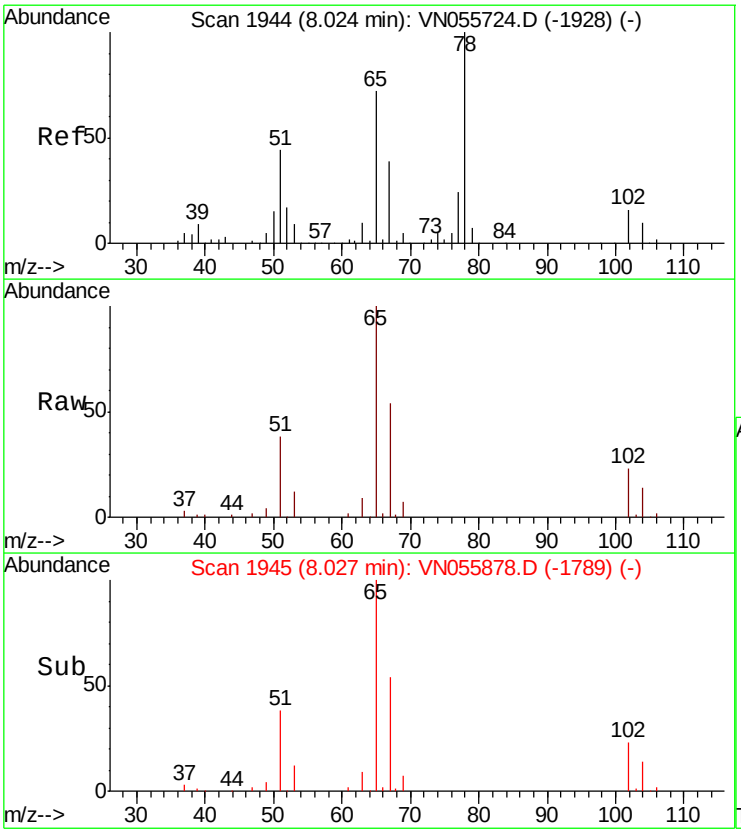
#18
Methylene Chloride
Concen: 0.349 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Instrument : MSVOA_N
ClientSampleId : TRIP-BLANK

Tgt Ion: 84 Resp: 1137

Ion	Ratio	Lower	Upper
84	100		
49	95.9	94.7	142.1
51	32.9	28.6	43.0
86	57.3	51.0	76.6

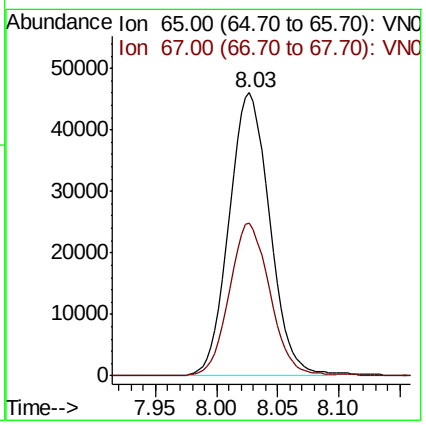


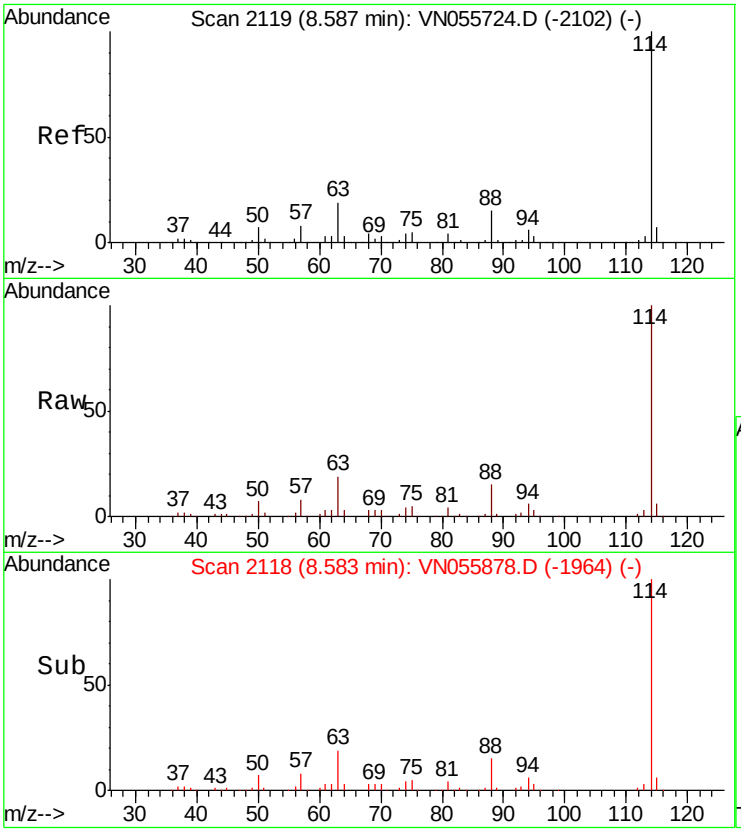


#27
1,2-Dichloroethane-d4
Concen: 30.245 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Tgt Ion: 65 Resp: 106574

Ion	Ratio	Lower	Upper
65	100		
67	54.0	43.5	65.3



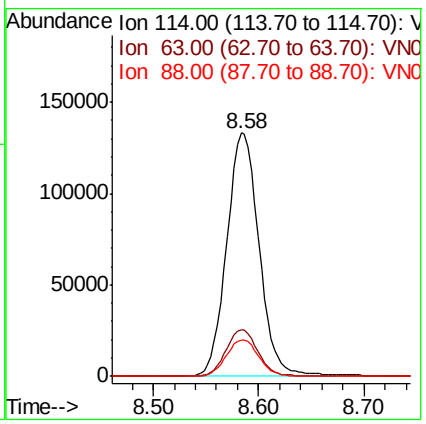


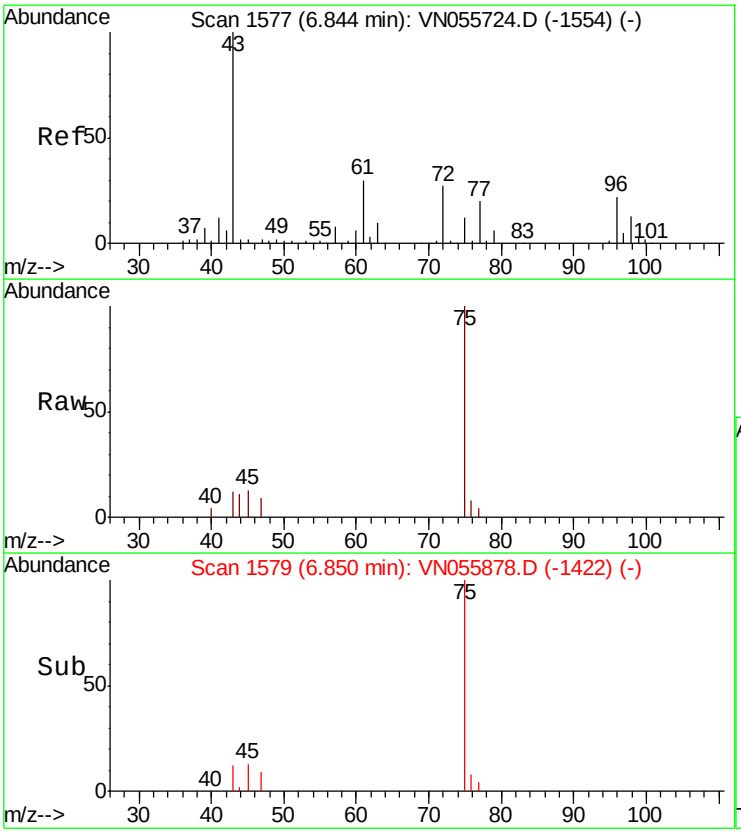
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:114 Resp: 283903

Ion	Ratio	Lower	Upper
114	100		
63	18.9	15.6	23.4
88	15.1	12.3	18.5

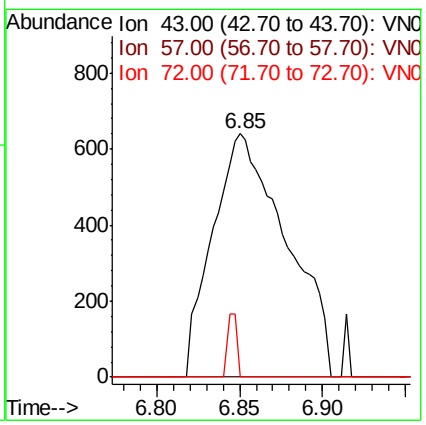


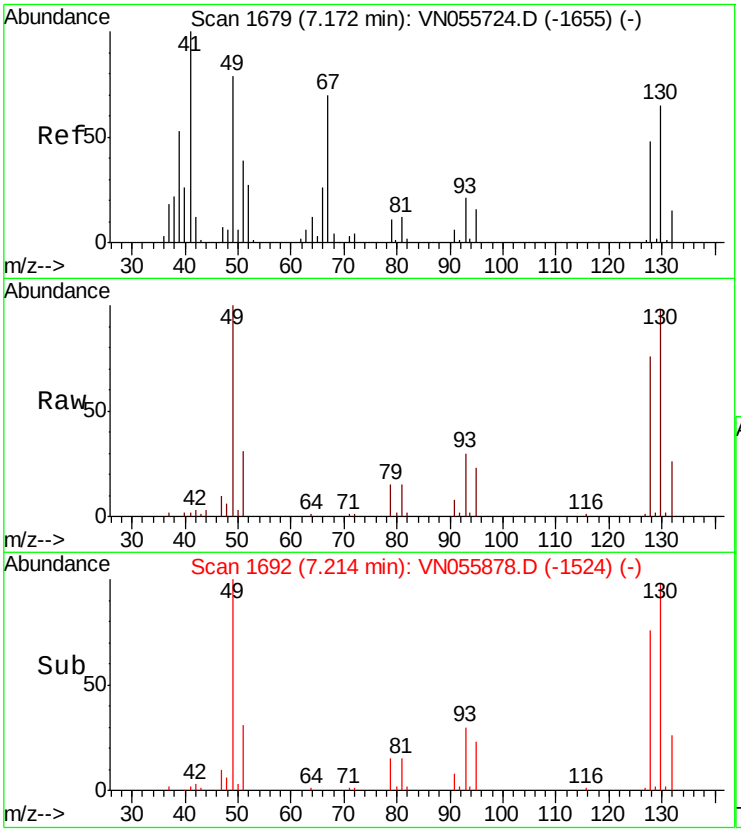


#30
2-Butanone
Concen: 0.935 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Tgt Ion: 43 Resp: 1980

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.6	10.0#
72	3.2	21.7	32.5#



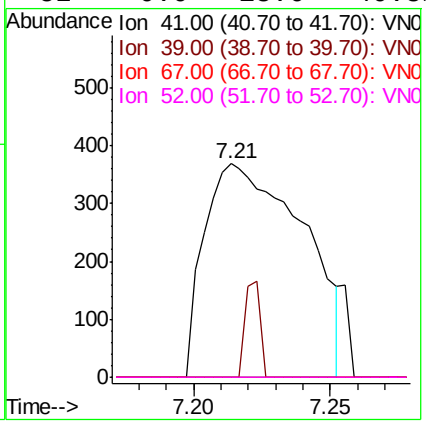


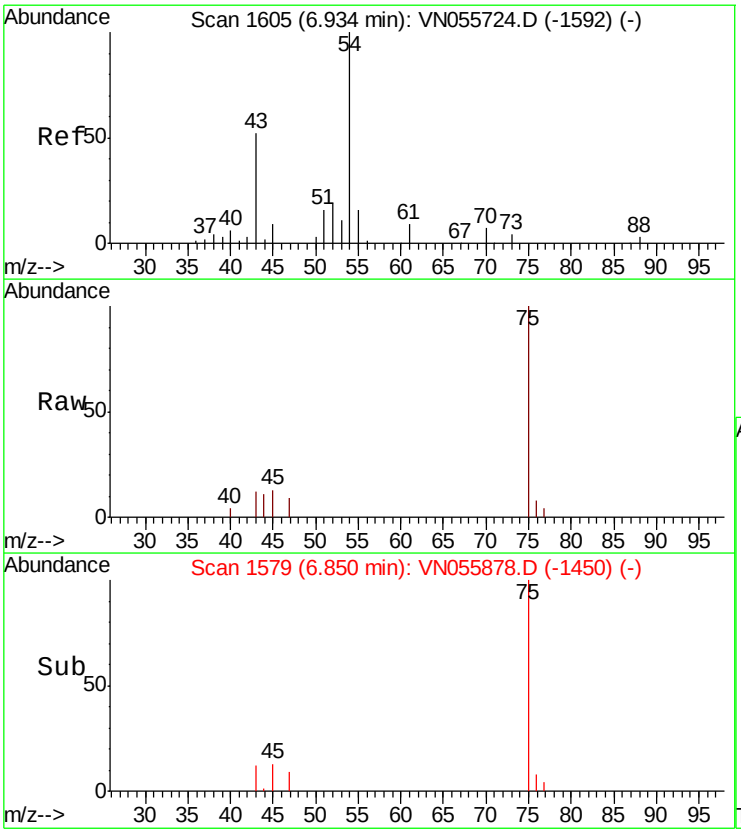
#35
Methacrylonitrile
Concen: 0.472 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Instrument : MSVOA_N
ClientSampleId : TRIP-BLANK

Tgt Ion: 41 Resp: 923

Ion	Ratio	Lower	Upper
41	100		
39	0.0	26.7	80.1#
67	0.0	34.9	104.7#
52	0.0	13.6	40.8#

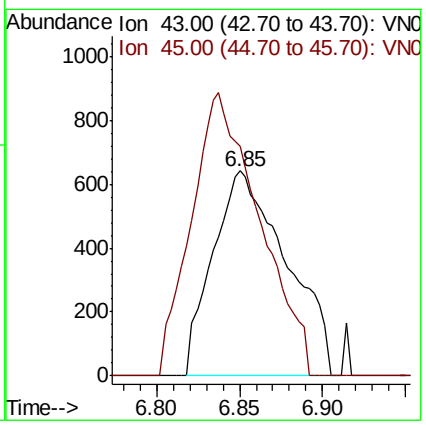


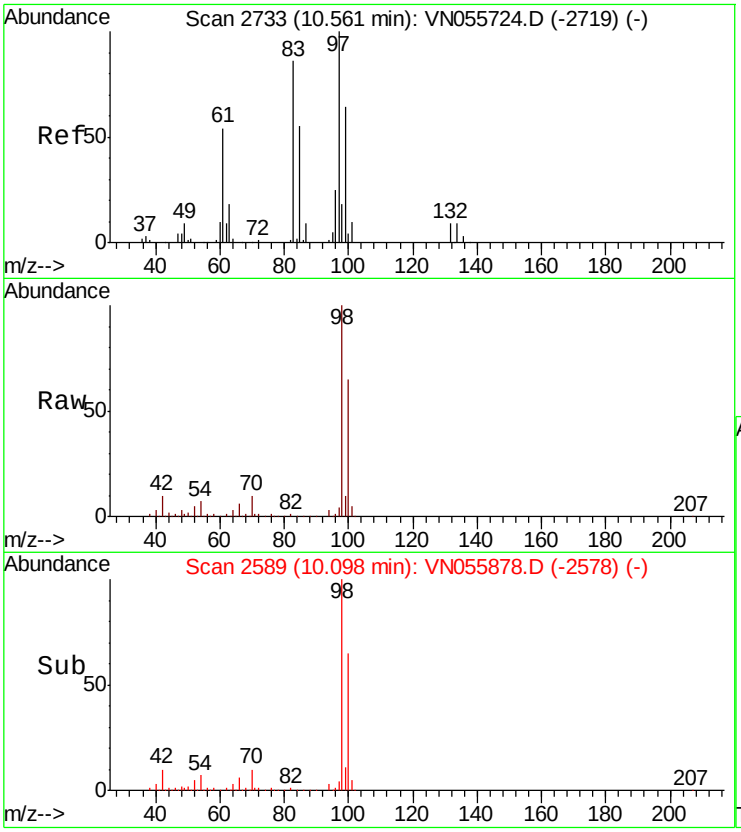


#43
Ethyl Acetate
Concen: 0.476 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. -0.08 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Tgt Ion: 43 Resp: 1980

Ion	Ratio	Lower	Upper
43	100		
45	127.9	0.0	0.0#



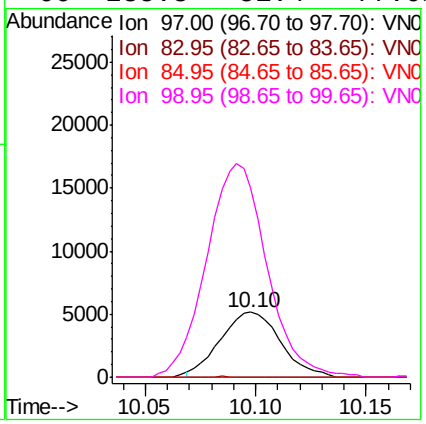


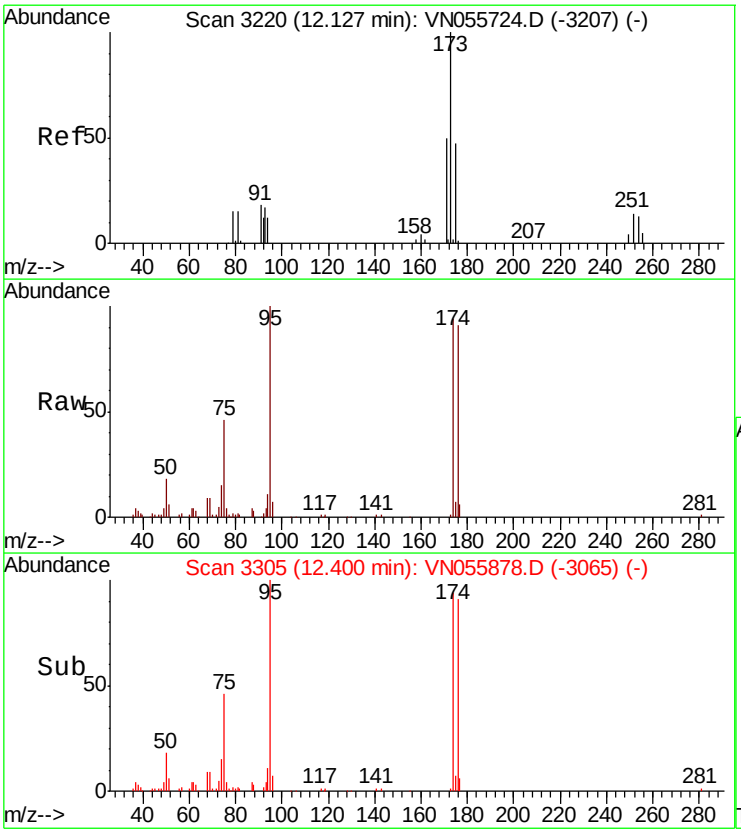
#50
1,1,2-Trichloroethane
Concen: 3.150 ug/l
RT: 10.10 min Scan# 2589
Delta R.T. -0.46 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 97 Resp: 9769

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.9	103.3#
85	0.0	44.3	66.5#
99	285.3	51.4	77.0#

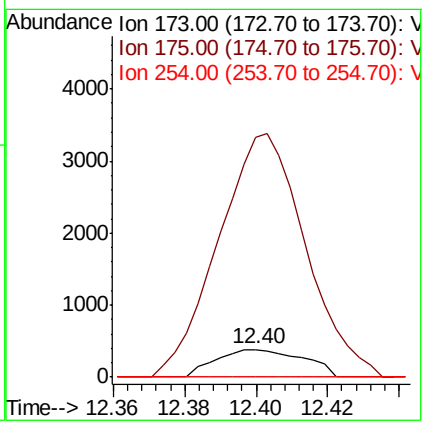


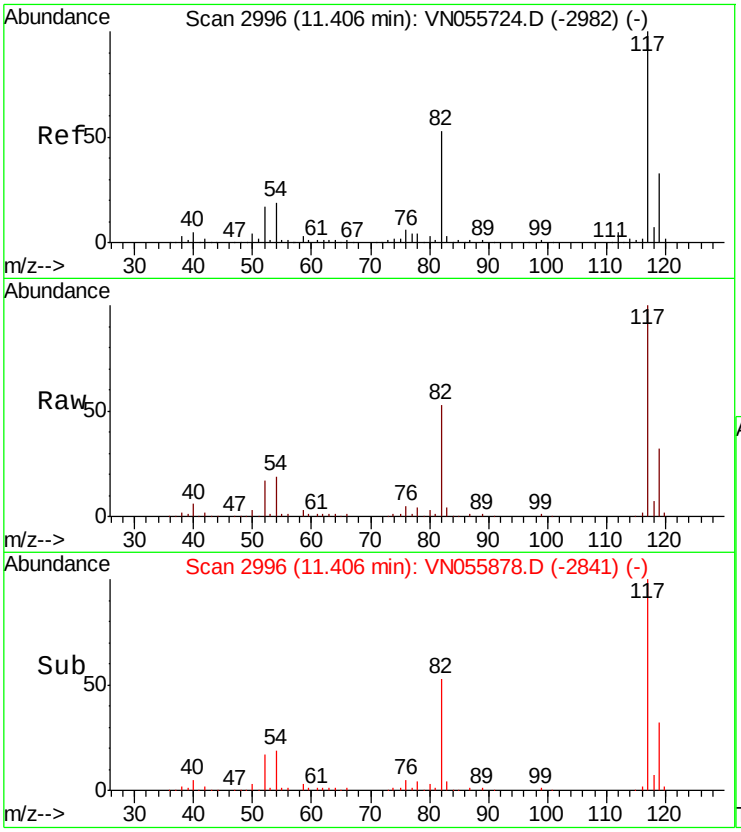


#56
Bromoform
Concen: 0.218 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Tgt Ion:173 Resp: 655

Ion	Ratio	Lower	Upper
173	100		
175	871.6	38.5	57.7#
254	0.0	9.4	14.0#



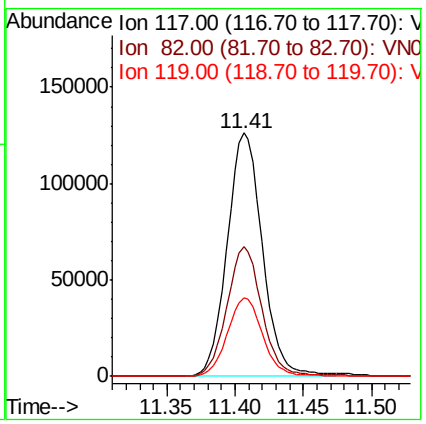


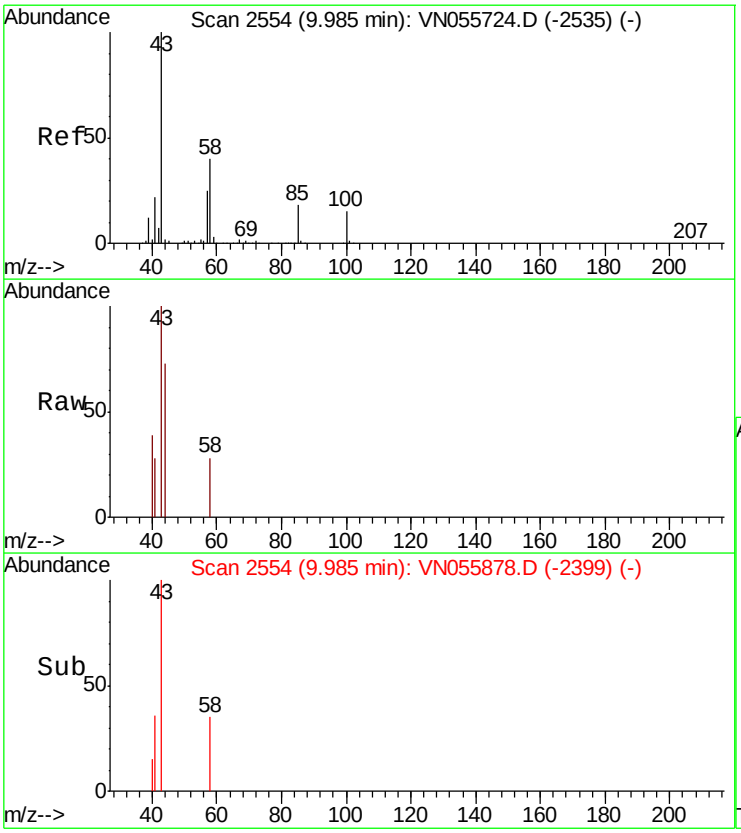
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 226726

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	64.0
119	32.5	25.9	38.9

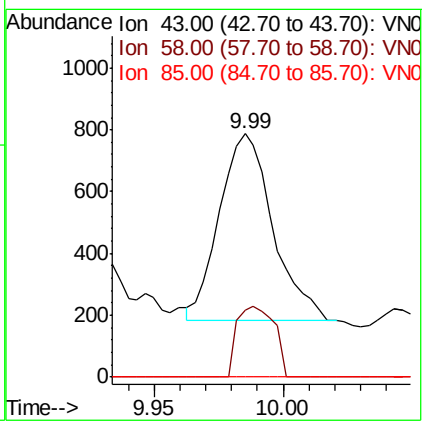


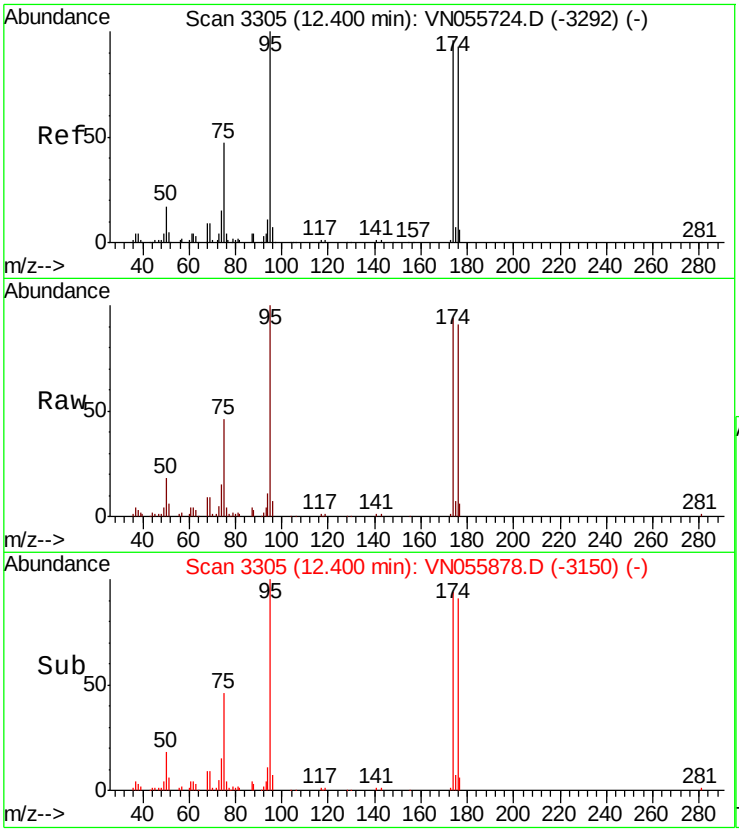


#58
4-Methyl-2-Pentanone
Concen: 0.233 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Tgt Ion: 43 Resp: 873

Ion	Ratio	Lower	Upper
43	100		
58	26.6	31.7	47.5#
85	0.0	14.5	21.7#



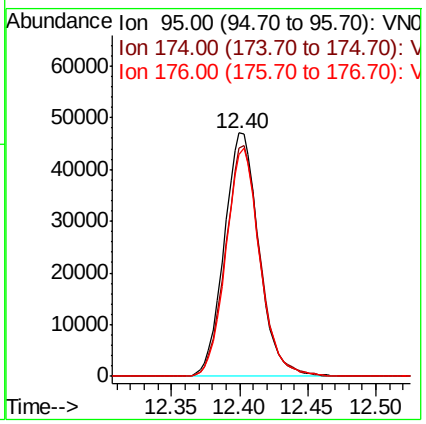


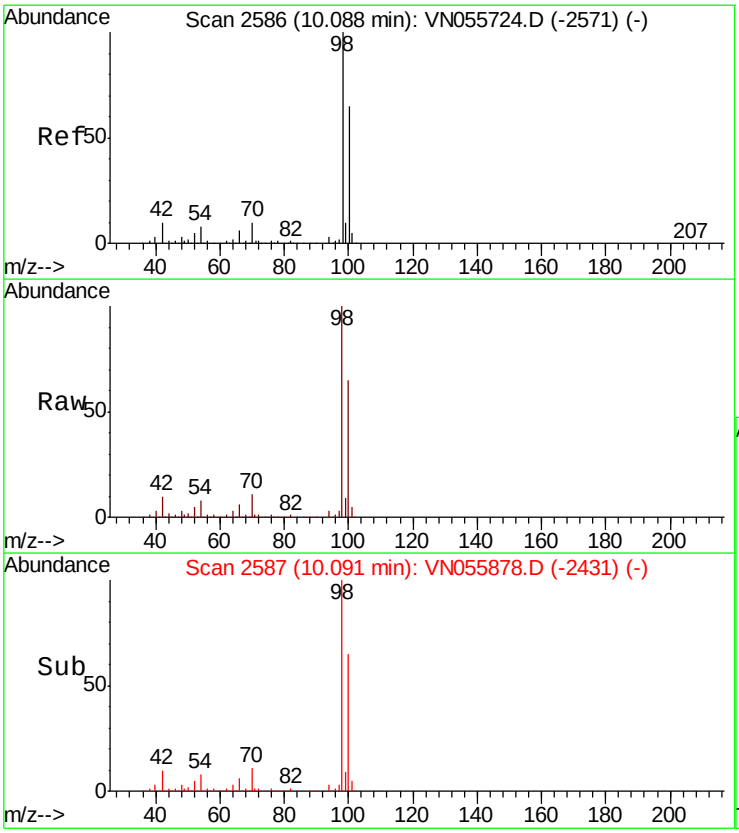
#60
4-Bromofluorobenzene
Concen: 23.647 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 95 Resp: 83401

Ion	Ratio	Lower	Upper
95	100		
174	93.6	75.7	113.5
176	91.1	74.1	111.1

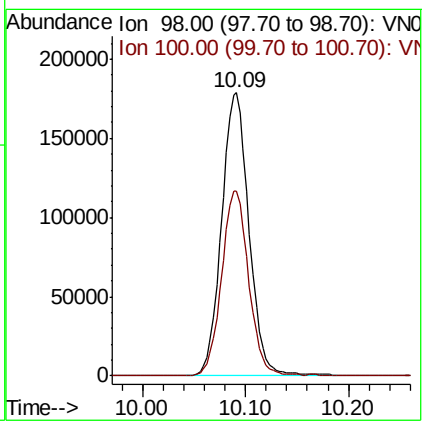


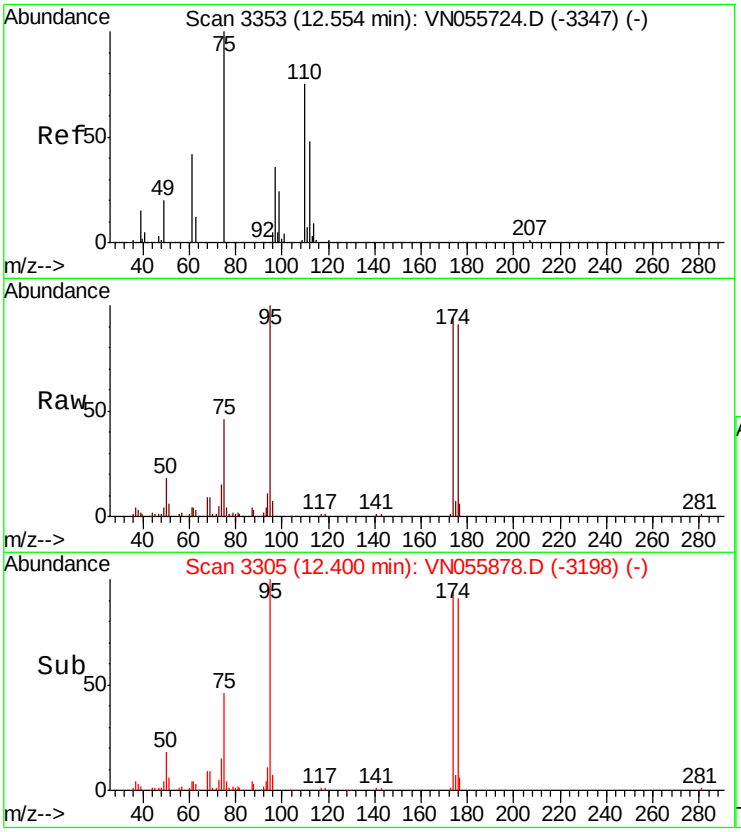


#63
Toluene-d8
Concen: 31.959 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Tgt Ion: 98 Resp: 331133

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4



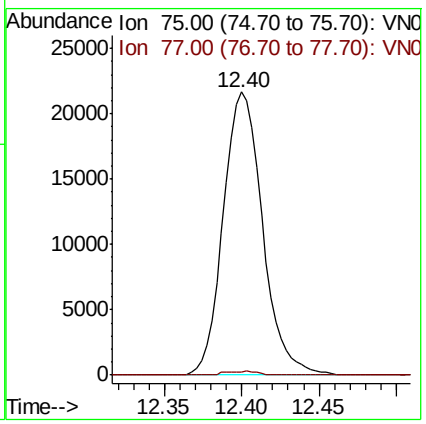


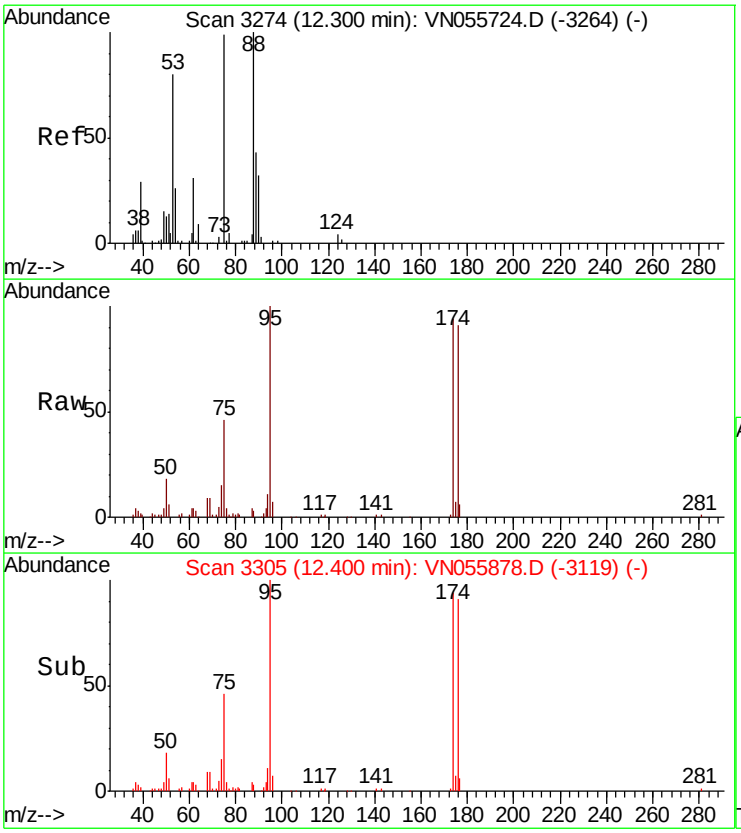
#72
1,2,3-Trichloropropane
Concen: 11.008 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 38202

Ion	Ratio	Lower	Upper
75	100		
77	0.5	0.0	349.8





#77
t-1,4-Dichloro-2-butene
Concen: 27.712 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055878.D
Acq: 29 May 2019 15:23

Tgt Ion: 75 Resp: 38202

Ion	Ratio	Lower	Upper
75	100		
53	0.0	40.1	120.3#
89	0.0	22.6	67.8#