Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110920\
Data File : VN064512.D
Acq On : 9 Nov 2020 17:34
Operator : JC/MD
Sample : L4628-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(NOV)

Quant Time: Nov 10 03:18:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	60183	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	313242	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	280833	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	168989	31.72	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.73%			
60) 4-Bromofluorobenzene	12.38	95	116112	24.14	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 80.47%			
63) Toluene-d8	10.06	98	384840	29.38	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.93%			
Target Compounds						Qvalue
5) Bromomethane	2.55	94	662	0.203	ug/l #	37
13) Acrolein	3.59	56	326	0.814	ug/l	97
15) Acetone	3.78	58	441294	759.007	ug/l	95
16) Carbon Disulfide	4.00	76	3346	0.339	ug/l #	92
23) tert-Butyl Alcohol	4.75	59	258	0.428	ug/l #	100
30) 2-Butanone	6.79	43	5511	2.048	ug/l #	92
58) 4-Methyl-2-Pentanone	9.96	43	9472	1.837	ug/l #	94
59) 2-Hexanone	10.73	43	804	0.207	ug/l #	70
77) t-1,4-Dichloro-2-butene	12.38	75	64920	34.261	ug/l #	9
90) Hexachlorobutadiene	14.98	225	971	0.623	ug/l	83
92) 1,2,3-Trichlorobenzene	15.29	180	1381	0.436	ug/l	58

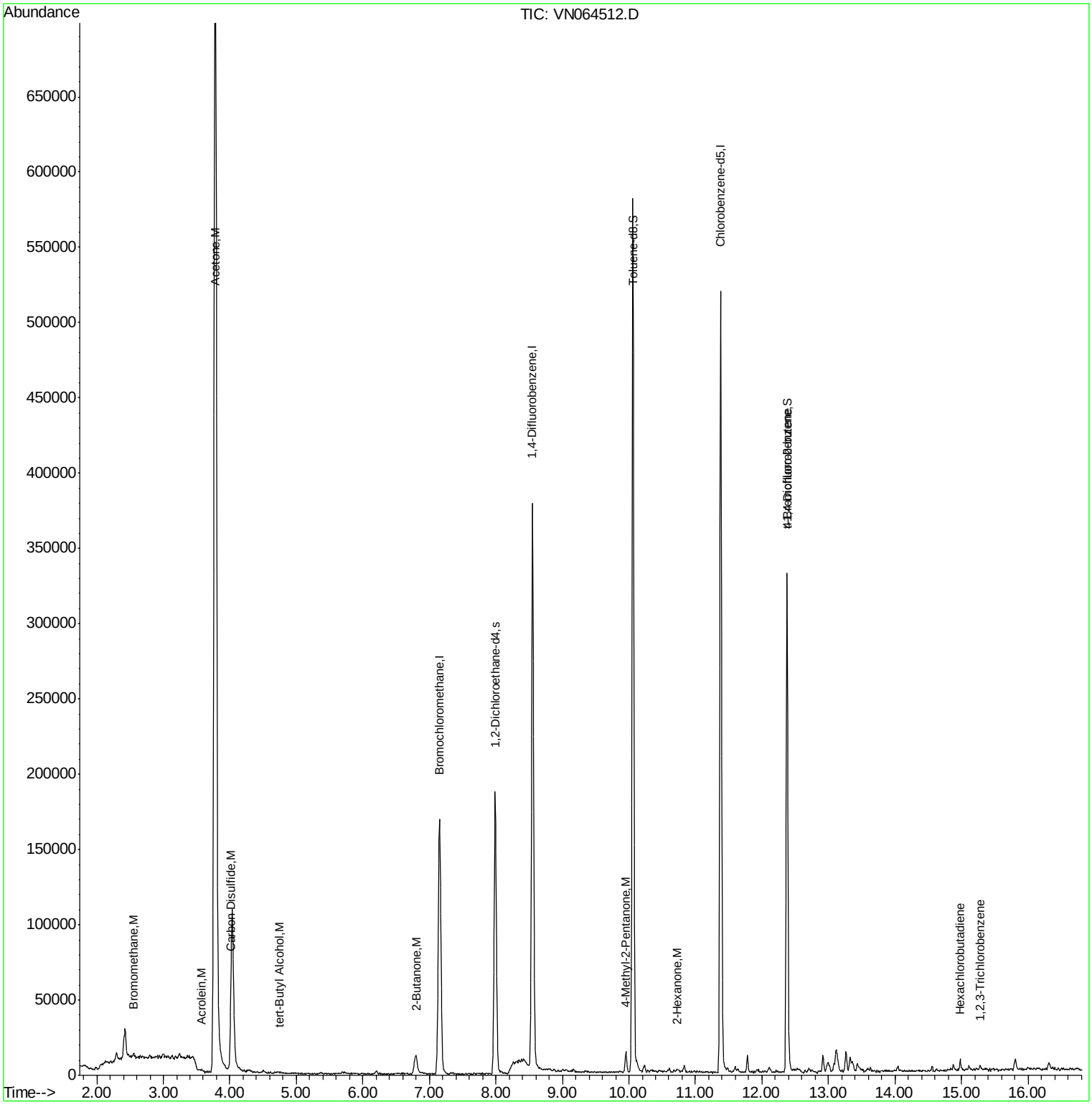
(#) = qualifier out of range (m) = manual integration (+) = signals summed

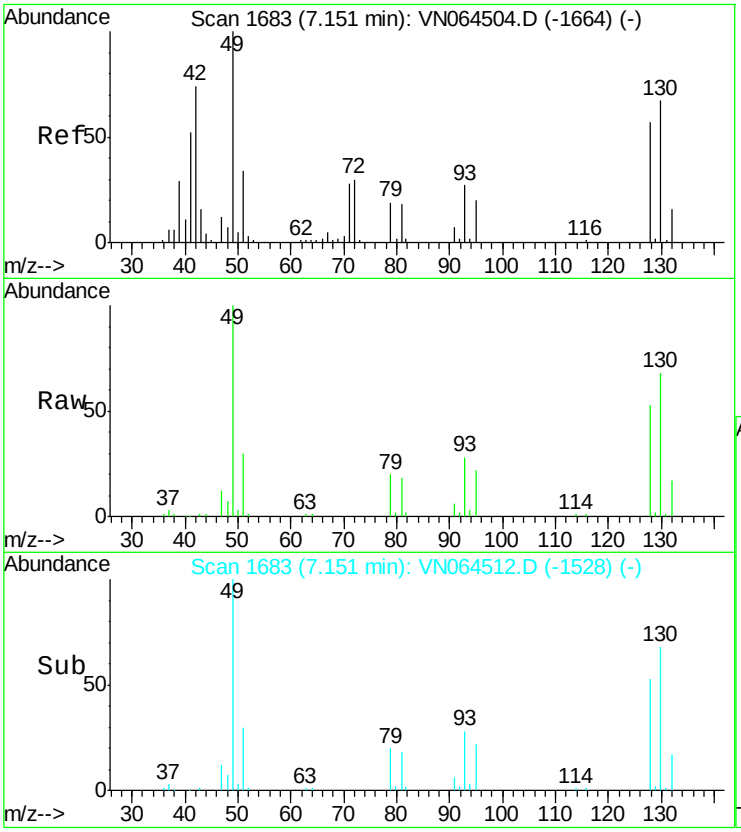
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110920\
Data File : VN064512.D
Acq On : 9 Nov 2020 17:34
Operator : JC/MD
Sample : L4628-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(NOV)

Quant Time: Nov 10 03:18:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration



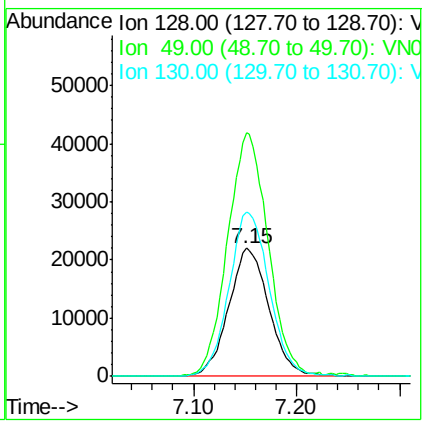


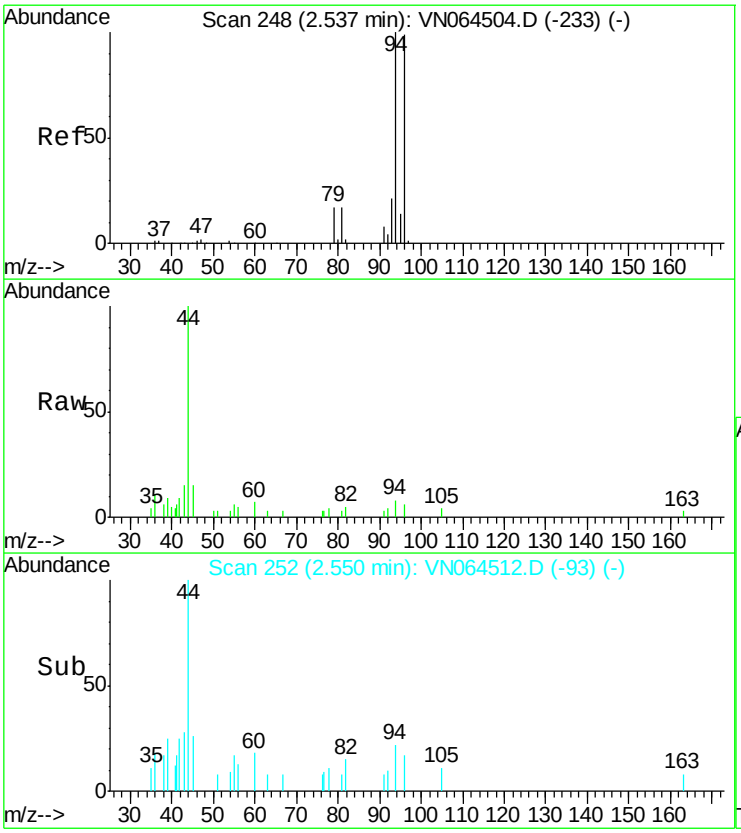
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Tgt Ion:128 Resp: 60183

Ion	Ratio	Lower	Upper
128	100		
49	189.8	0.0	475.5
130	128.0	0.0	315.3

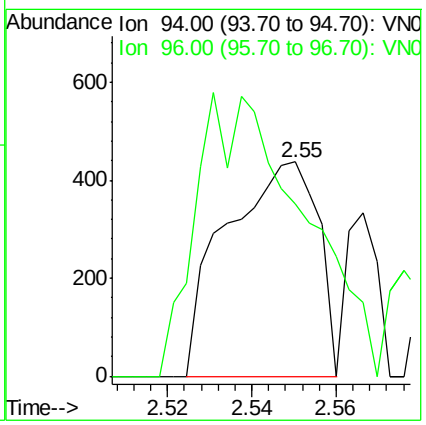


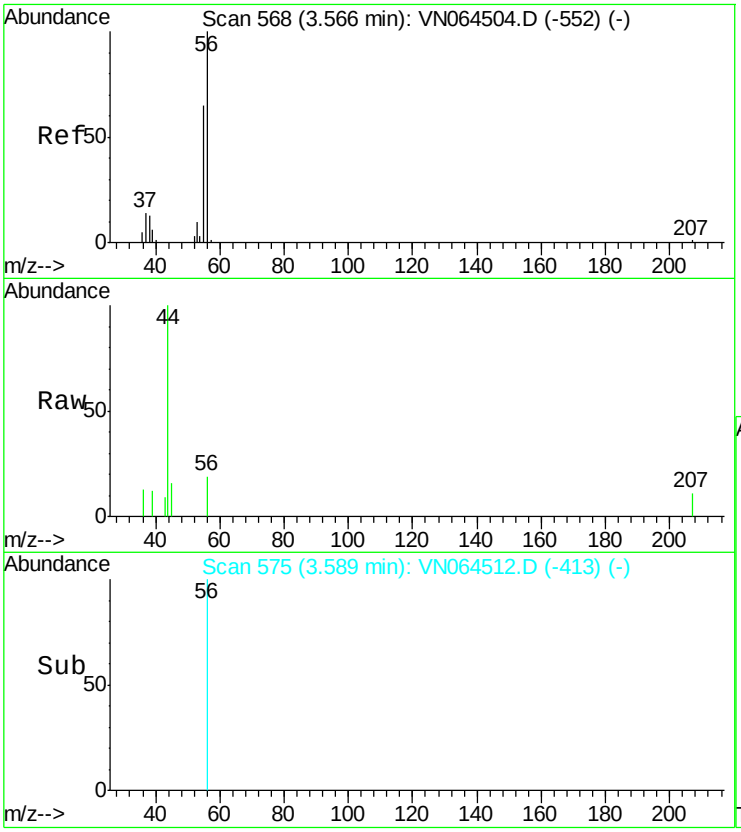


#5
Bromomethane
Concen: 0.203 ug/l
RT: 2.55 min Scan# 252
Delta R.T. 0.01 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Tgt Ion: 94 Resp: 662

Ion	Ratio	Lower	Upper
94	100		
96	36.8	79.3	118.9#



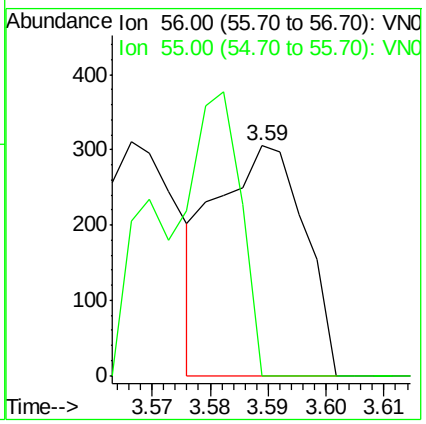


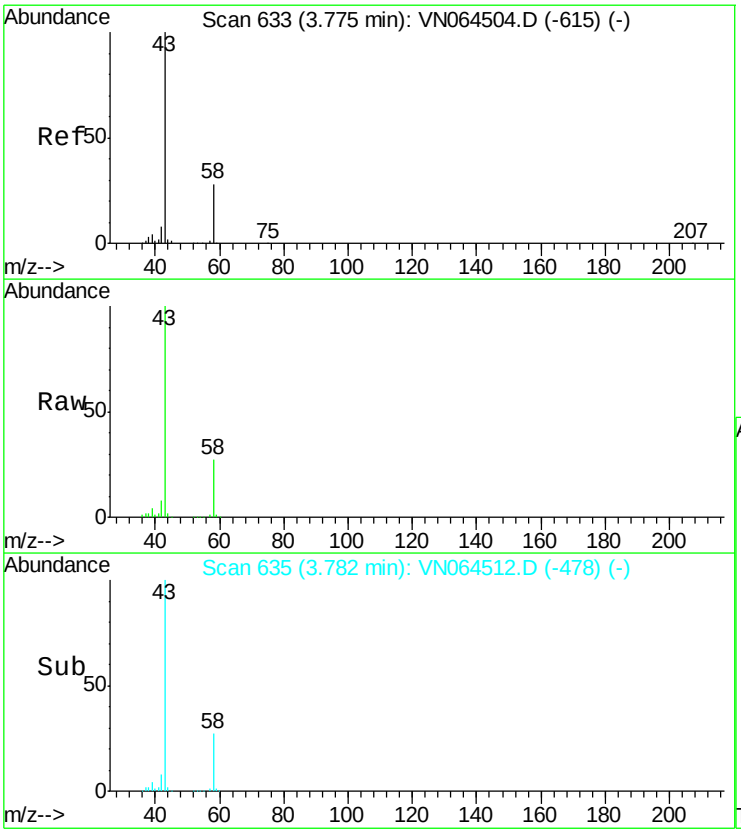
#13
Acrolein
Concen: 0.814 ug/l
RT: 3.59 min Scan# 575
Delta R.T. 0.02 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Tgt Ion: 56 Resp: 326

Ion	Ratio	Lower	Upper
56	100		
55	69.9	58.2	87.2

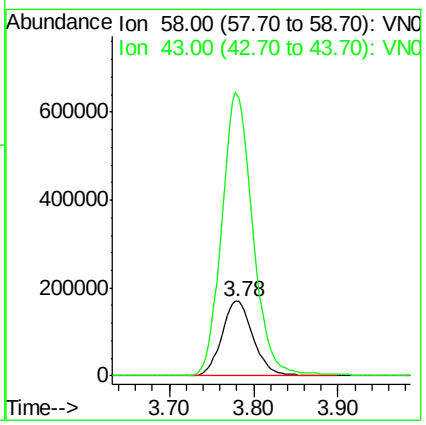


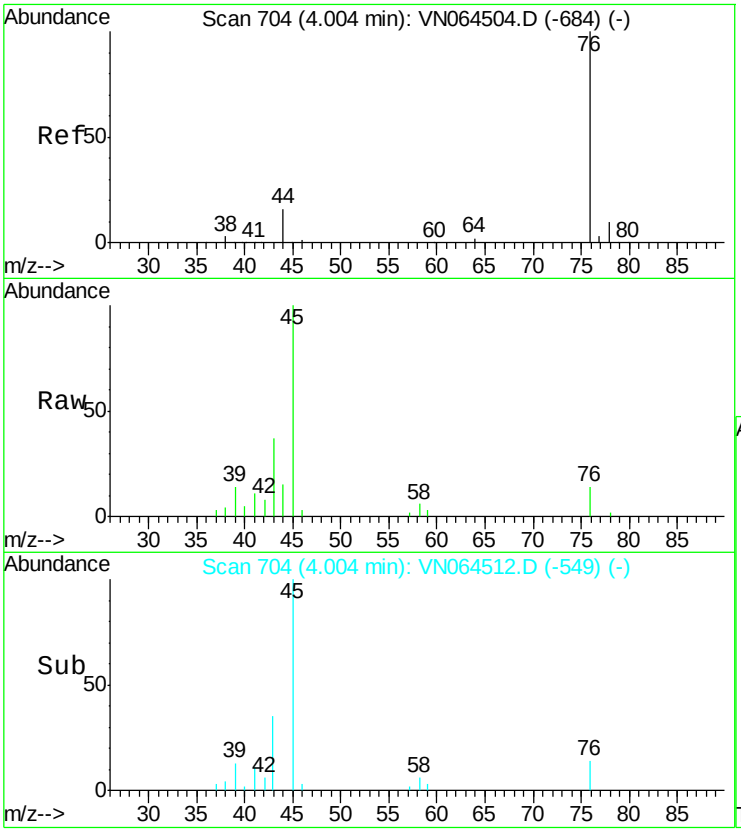


#15
Acetone
Concen: 759.007 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Tgt Ion: 58 Resp: 441294

Ion	Ratio	Lower	Upper
58	100		
43	372.6	289.8	434.8



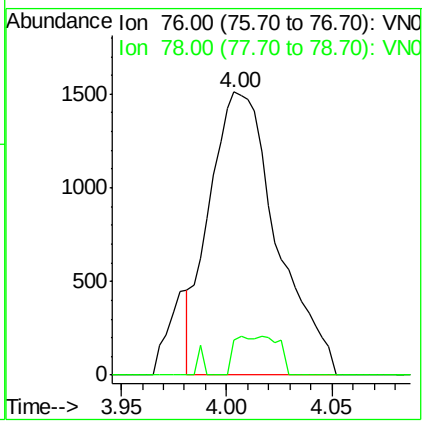


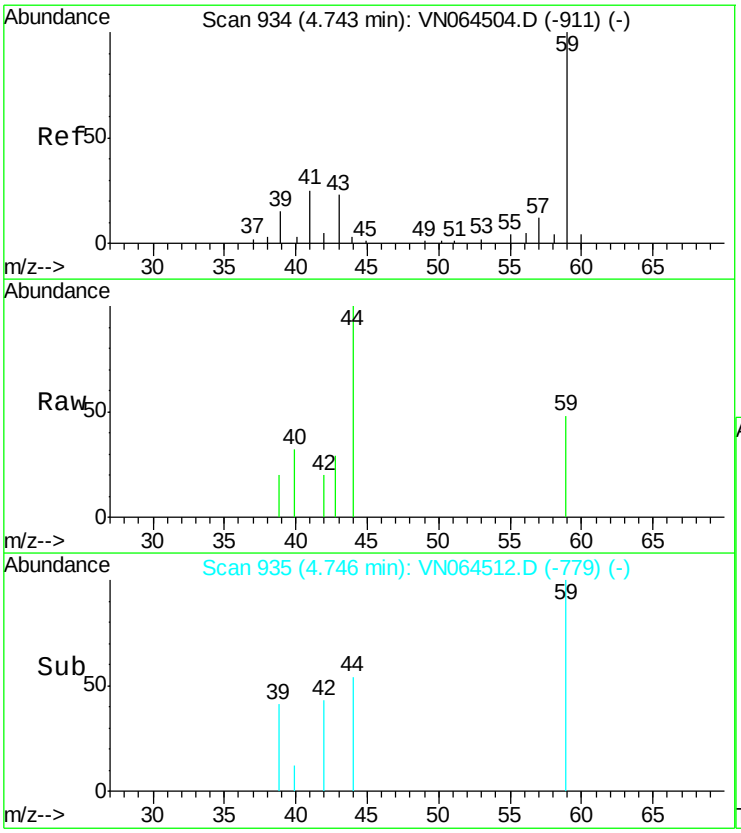
#16
Carbon Disulfide
Concen: 0.339 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Tgt Ion: 76 Resp: 3346

Ion	Ratio	Lower	Upper
76	100		
78	12.3	7.6	11.4#

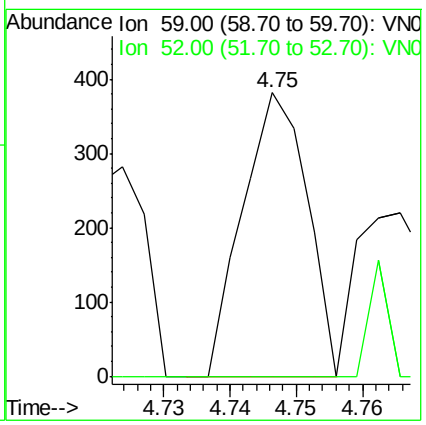


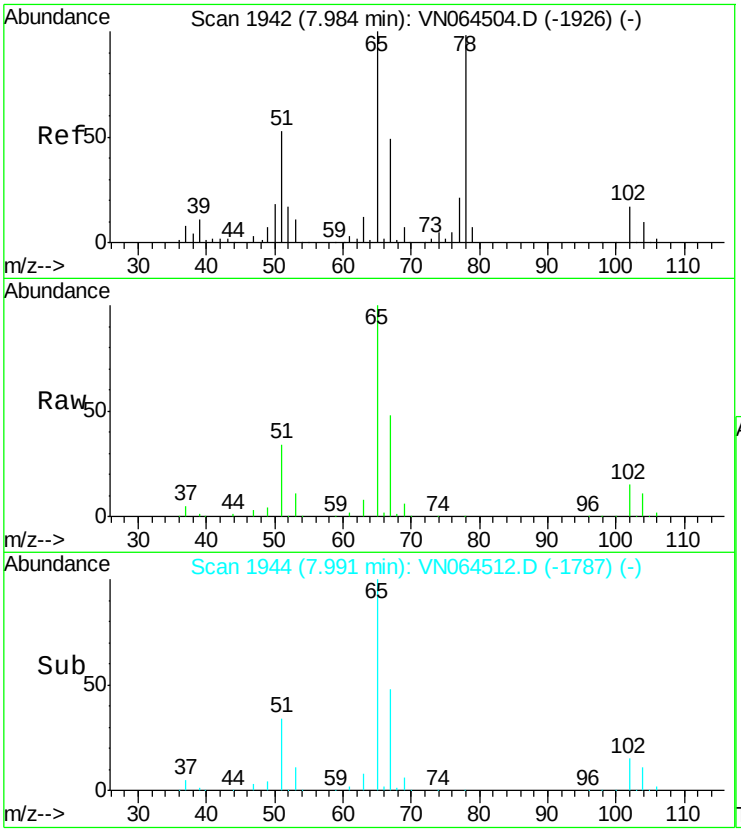


#23
tert-Butyl Alcohol
Concen: 0.428 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Tgt Ion: 59 Resp: 258

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0



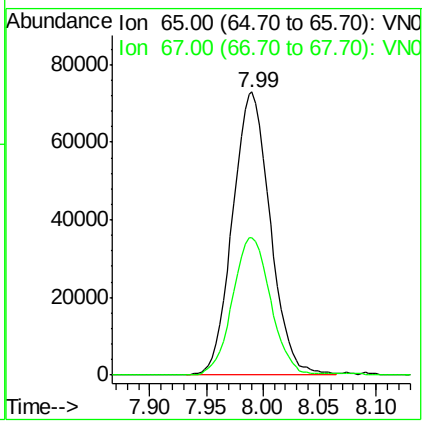


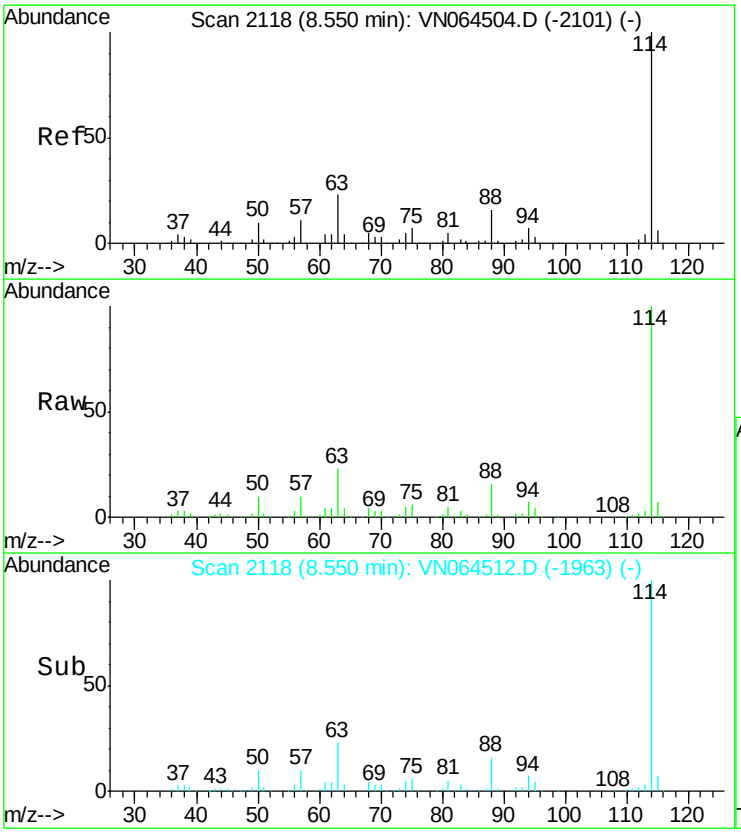
#27
1,2-Dichloroethane-d4
Concen: 31.719 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.01 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Tgt Ion: 65 Resp: 168989

Ion	Ratio	Lower	Upper
65	100		
67	49.1	41.1	61.7

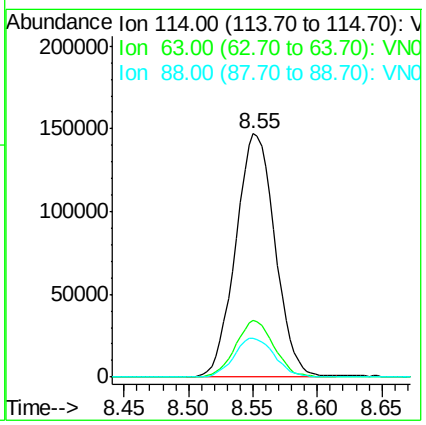


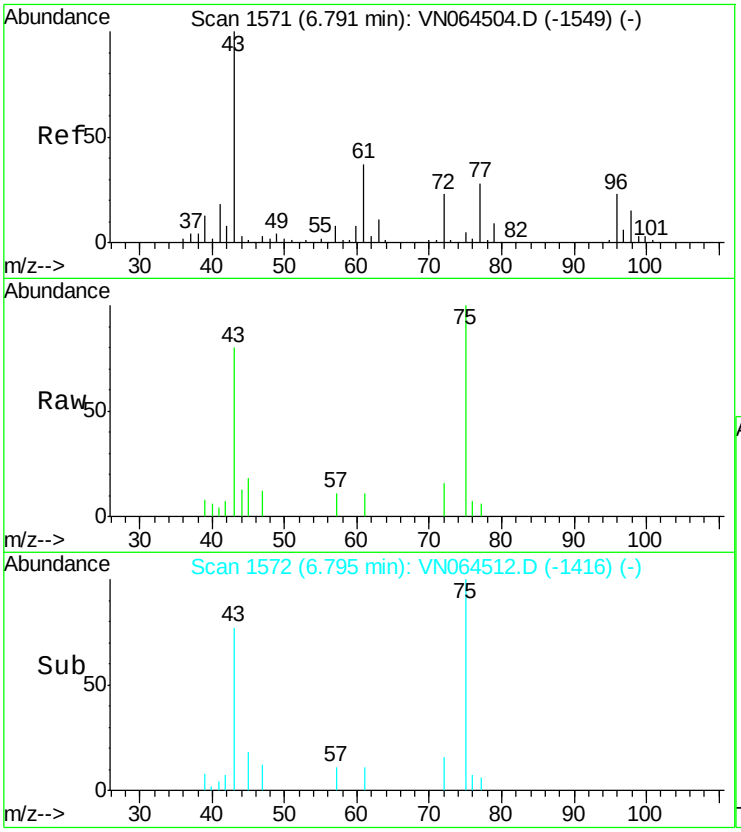


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Tgt Ion:114 Resp: 313242

Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.5	27.7
88	16.3	13.0	19.6



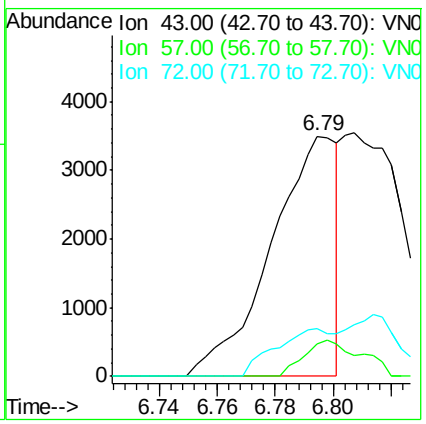


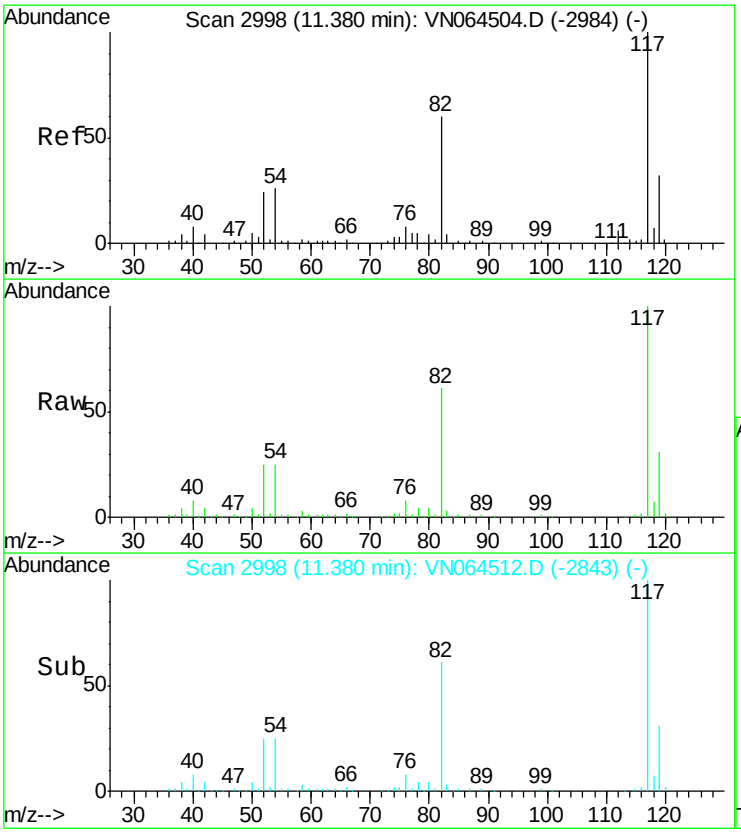
#30
2-Butanone
Concen: 2.048 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Tgt Ion: 43 Resp: 5511

Ion	Ratio	Lower	Upper
43	100		
57	10.0	6.2	9.4#
72	15.7	9.9	14.9#

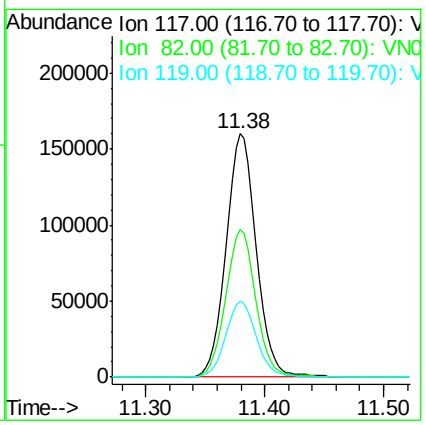


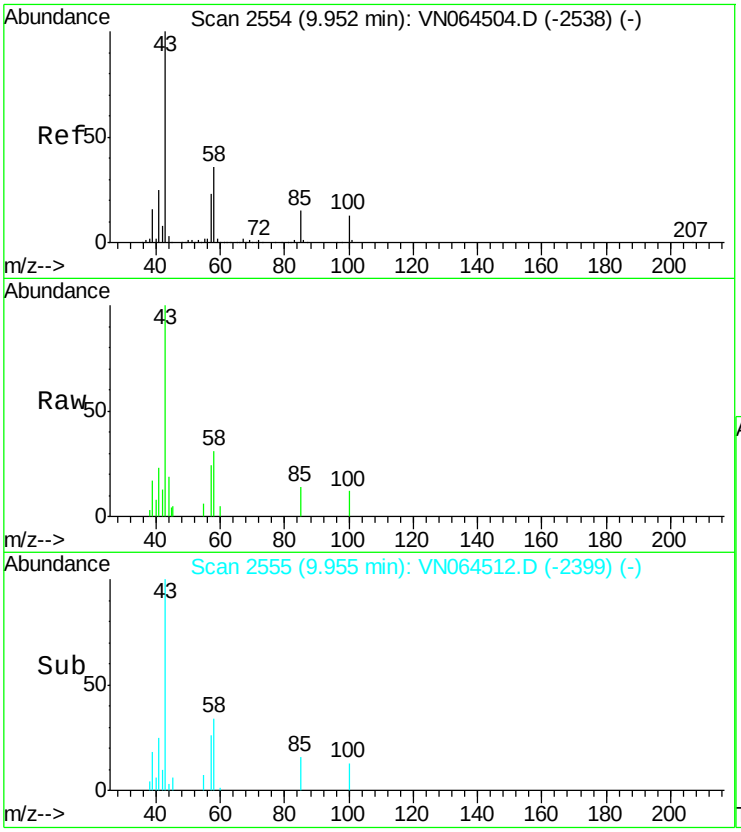


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Tgt Ion:117 Resp: 280833

Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.8	71.8
119	31.3	25.7	38.5



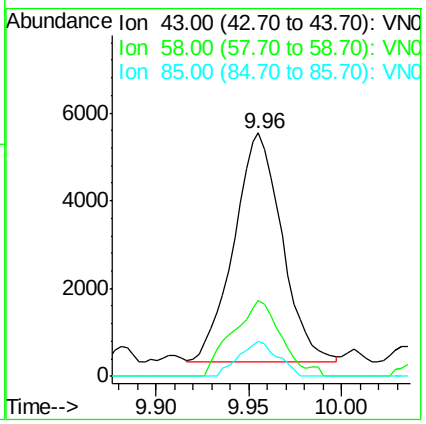


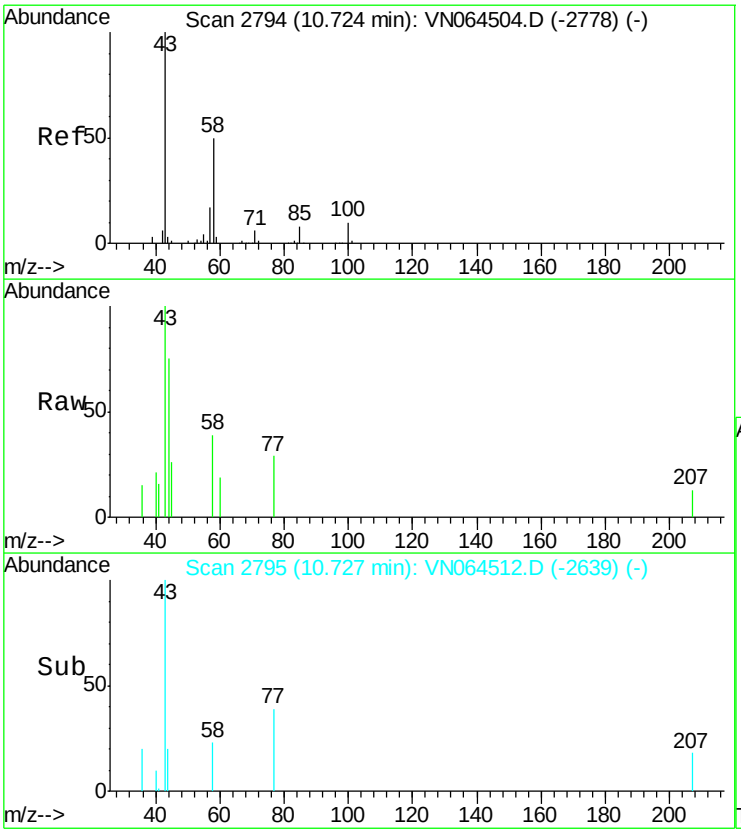
#58
4-Methyl-2-Pentanone
Concen: 1.837 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Tgt Ion: 43 Resp: 9472

Ion	Ratio	Lower	Upper
43	100		
58	32.6	28.8	43.2
85	12.2	12.3	18.5#

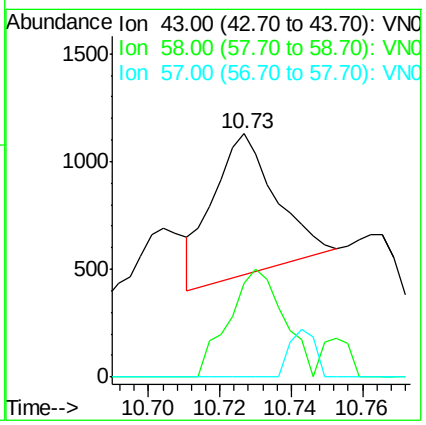


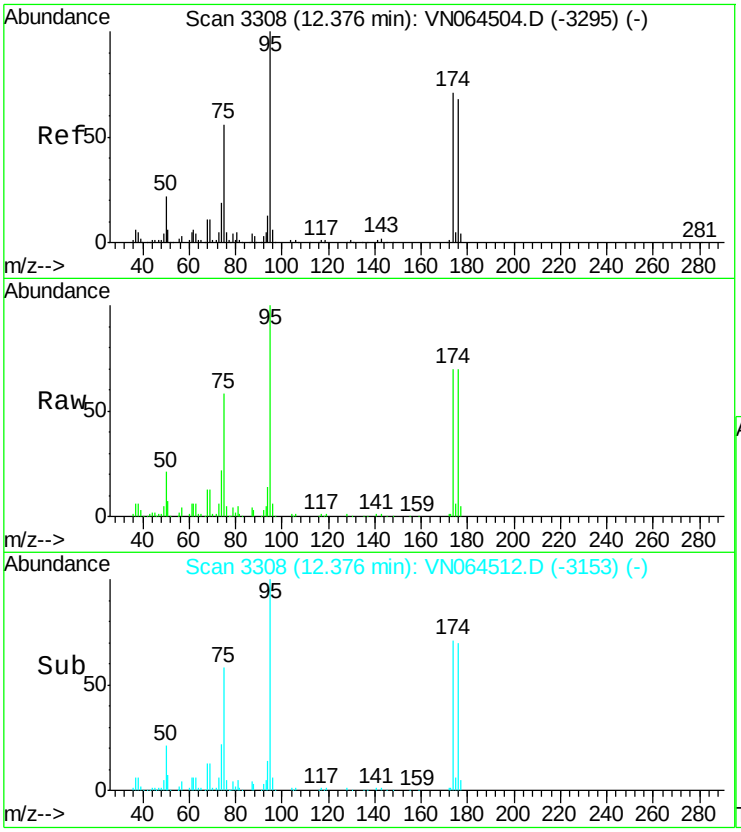


#59
2-Hexanone
Concen: 0.207 ug/l
RT: 10.73 min Scan# 2795
Delta R.T. 0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Tgt Ion: 43 Resp: 804

Ion	Ratio	Lower	Upper
43	100		
58	66.0	38.2	57.4#
57	0.0	13.8	20.8#



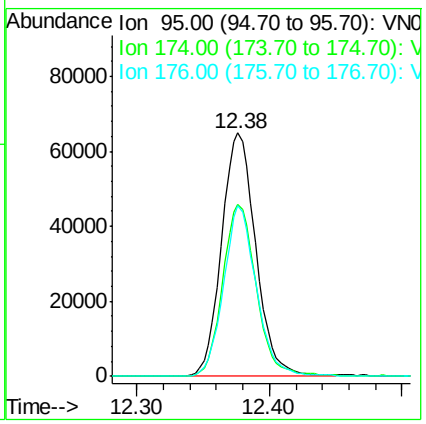


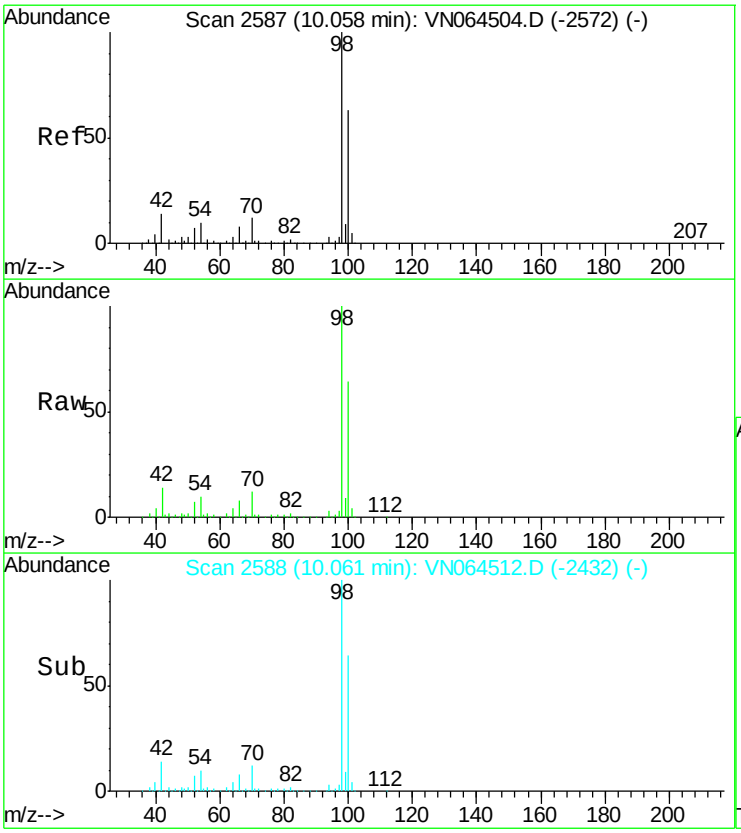
#60
4-Bromofluorobenzene
Concen: 24.136 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Tgt Ion: 95 Resp: 116112

Ion	Ratio	Lower	Upper
95	100		
174	69.6	56.4	84.6
176	66.9	53.3	79.9

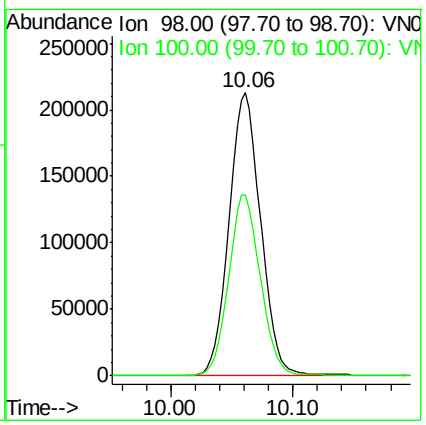


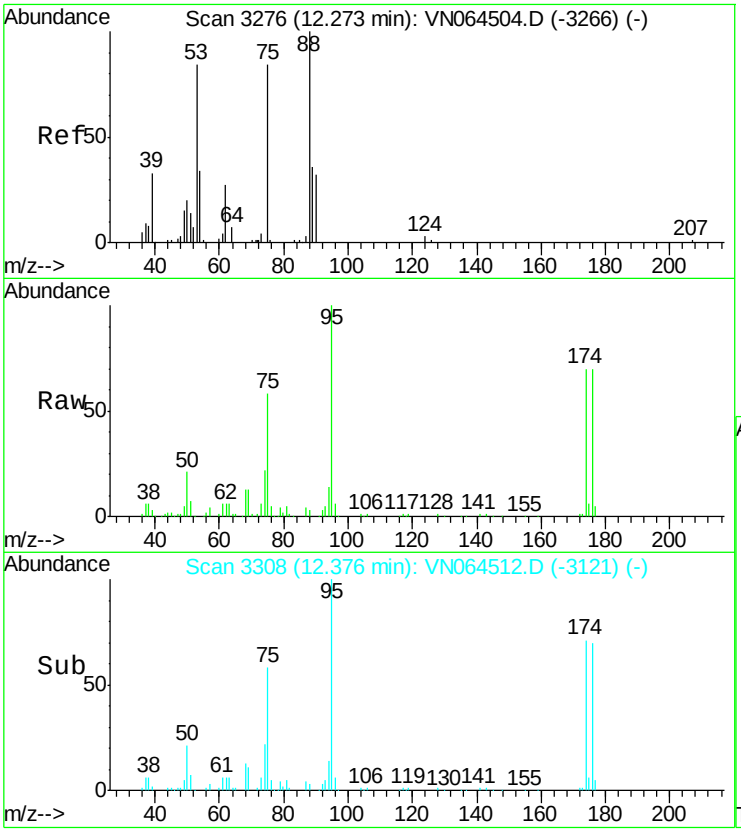


#63
Toluene-d8
Concen: 29.383 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Tgt Ion: 98 Resp: 384840

Ion	Ratio	Lower	Upper
98	100		
100	64.2	49.4	74.2



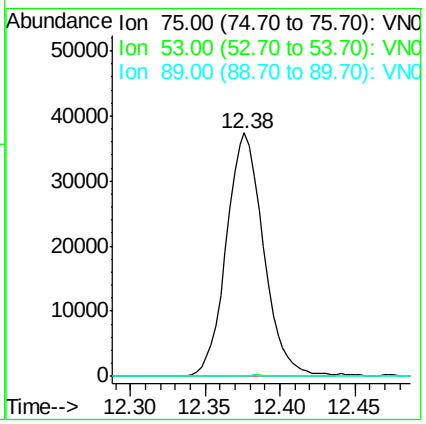


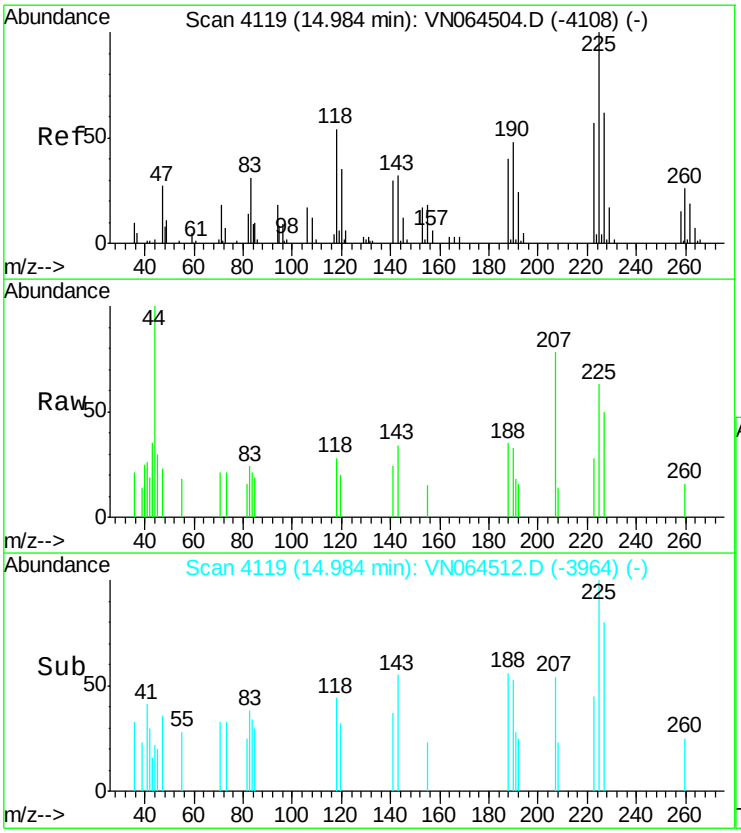
#77
t-1,4-Dichloro-2-butene
Concen: 34.261 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Tgt Ion: 75 Resp: 64920

Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.3	150.9#
89	0.0	23.3	69.8#

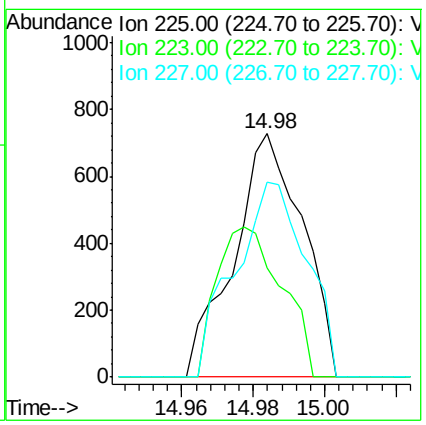


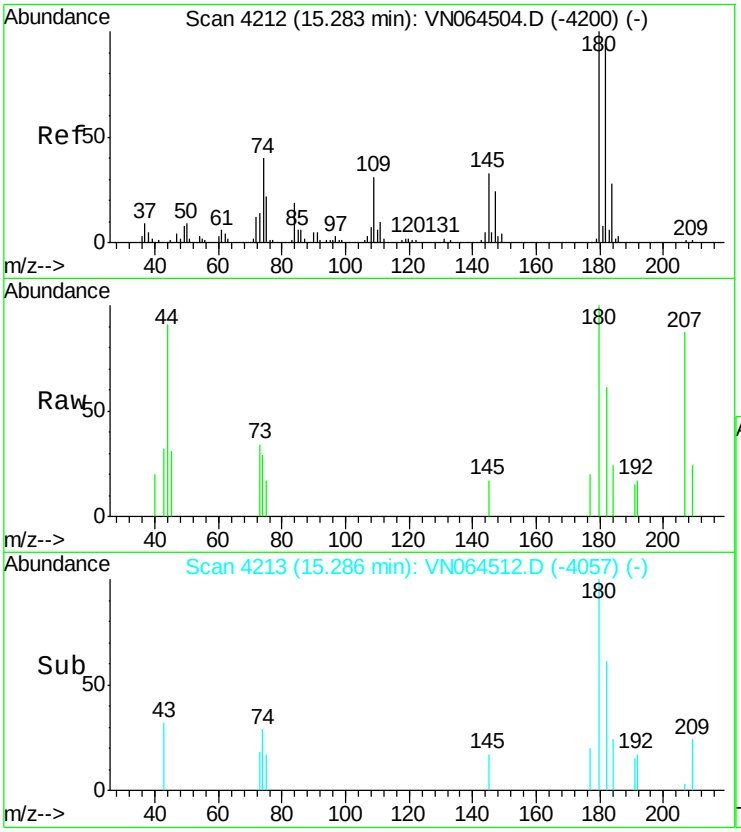


#90
Hexachlorobutadiene
Concen: 0.623 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. -0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Tgt Ion:225 Resp: 971

Ion	Ratio	Lower	Upper
225	100		
223	58.1	0.0	125.4
227	83.2	0.0	122.0





#92
1,2,3-Trichlorobenzene
Concen: 0.436 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064512.D
Acq: 9 Nov 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)

Tgt Ion:180 Resp: 1381

Ion	Ratio	Lower	Upper
180	100		
182	52.6	0.0	186.0
145	10.1	0.0	69.6