Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092319\
Data File : VN058278.D
Acq On : 23 Sep 2019 10:00
Operator : JC/SP
Sample : K4975-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EB02-20190918

Quant Time: Sep 24 01:29:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	506434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	834876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	708556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	269733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	380317	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.84%			
35) Dibromofluoromethane	7.58	113	263261	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.74%			
50) Toluene-d8	10.08	98	1056213	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.82%			
62) 4-Bromofluorobenzene	12.41	95	329102	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.60%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	1196	Below Cal		90
4) Vinyl Chloride	2.17	62	60	Below Cal	#	43
5) Bromomethane	2.53	94	63	0.756	ug/l #	4
6) Chloroethane	2.65	64	34	Below Cal	#	44
11) Tert butyl alcohol	4.75	59	590	0.703	ug/l #	71
13) Acrolein	3.60	56	66	0.531	ug/l #	51
16) Acetone	3.80	43	28820	12.037	ug/l	99
17) Carbon Disulfide	4.03	76	281	0.335	ug/l #	74
18) Methyl Acetate	4.31	43	7216	1.145	ug/l #	88
20) Methylene Chloride	4.53	84	5724	1.149	ug/l #	97
25) 2-Butanone	6.84	43	4165	1.277	ug/l #	83
29) Tetrahydrofuran	7.19	42	1355	0.674	ug/l #	67
31) Cyclohexane	7.65	56	13986	Below Cal	#	21
36) 1,1-Dichloropropene	7.65	75	44316	7.361	ug/l #	51
38) Carbon Tetrachloride	7.65	117	52061	8.602	ug/l #	15
41) Methacrylonitrile	7.14	41	68	0.932	ug/l #	100
51) 4-Methyl-2-Pentanone	9.98	43	1922	0.310	ug/l #	37
52) Toluene	10.15	92	48857	4.239	ug/l	99
71) Bromoform	12.41	173	1971	4.141	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	178963	37.073	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	178963	103.363	ug/l #	5
95) Naphthalene	15.14	128	2578	0.200	ug/l #	84

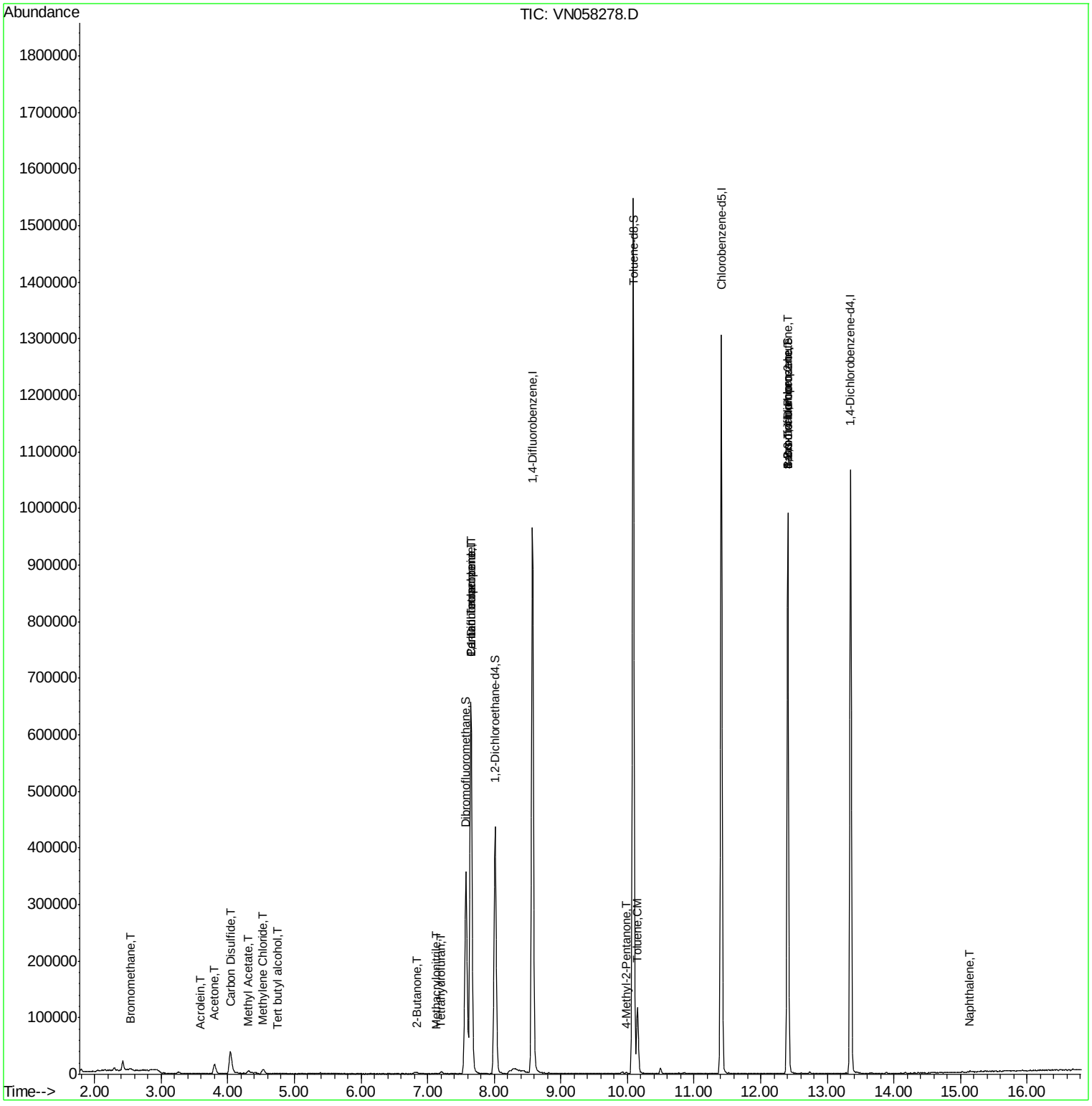
(#) = qualifier out of range (m) = manual integration (+) = signals summed

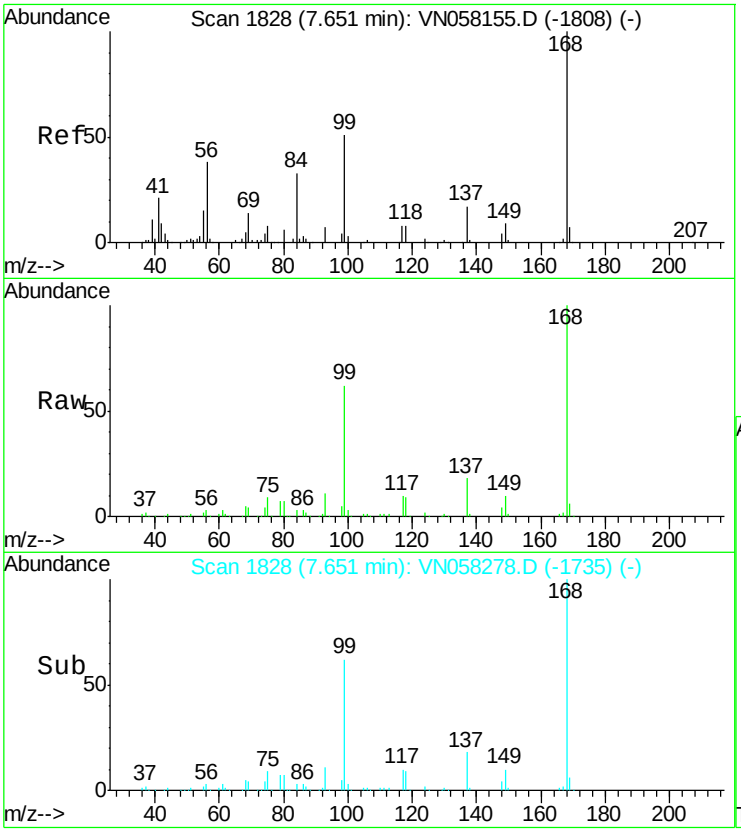
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092319\
Data File : VN058278.D
Acq On : 23 Sep 2019 10:00
Operator : JC/SP
Sample : K4975-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Quant Time: Sep 24 01:29:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration



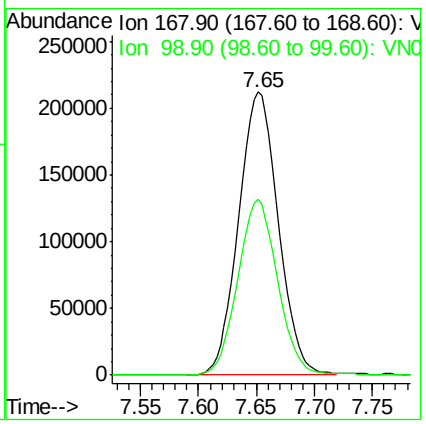


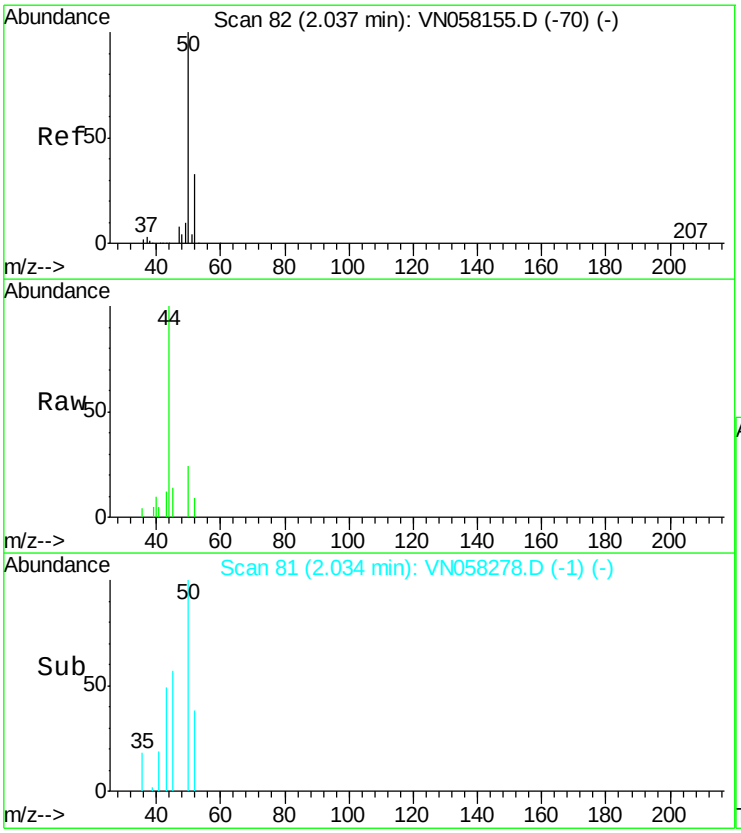
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Tgt Ion:168 Resp: 506434

Ion	Ratio	Lower	Upper
168	100		
99	62.1	47.4	71.2

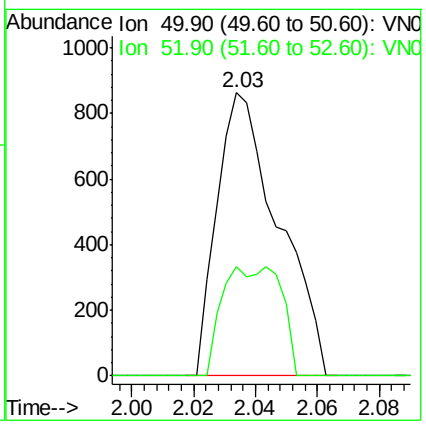


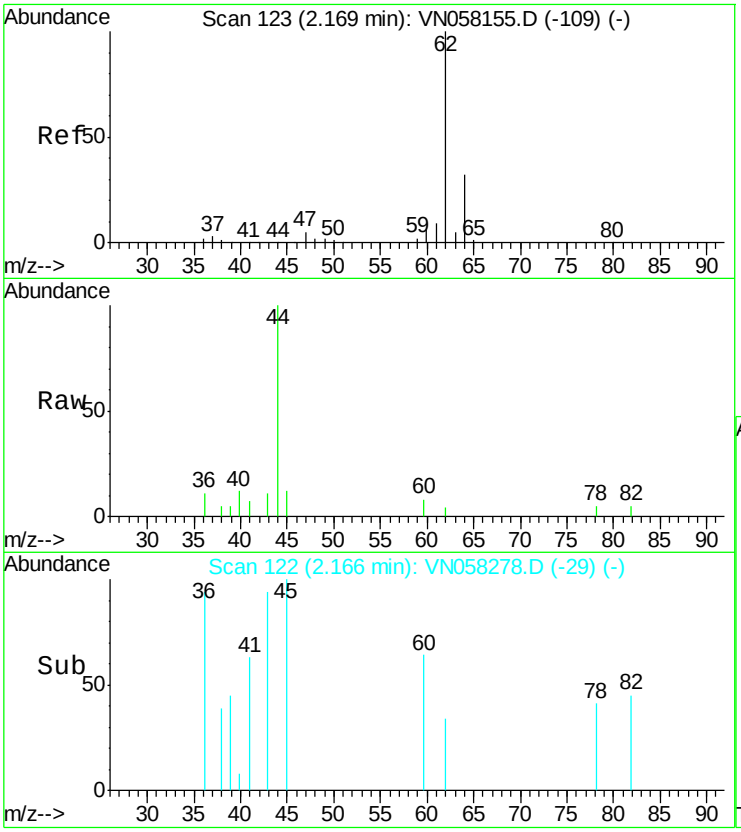


#3
Chloromethane
Concen: Below Cal
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 50 Resp: 1196

Ion	Ratio	Lower	Upper
50	100		
52	38.5	26.3	39.5



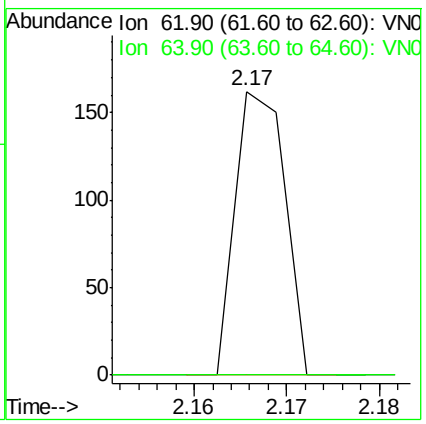


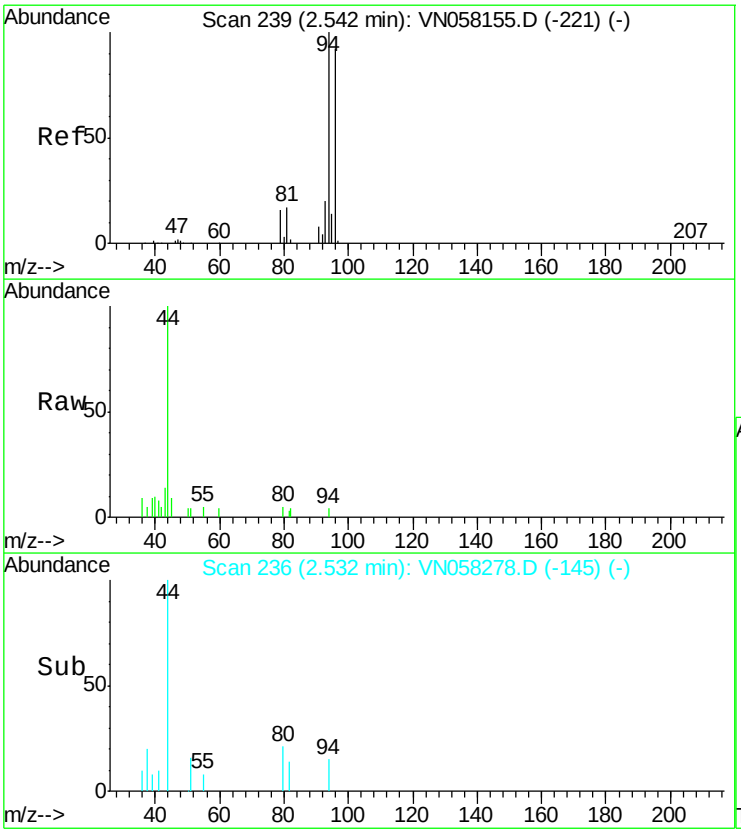
#4
Vinyl Chloride
Concen: Below Cal
RT: 2.17 min Scan# 122
Delta R.T. -0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument : MSVOA_N
ClientSampleId : EB02-20190918

Tgt Ion: 62 Resp: 60

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.4	38.2#

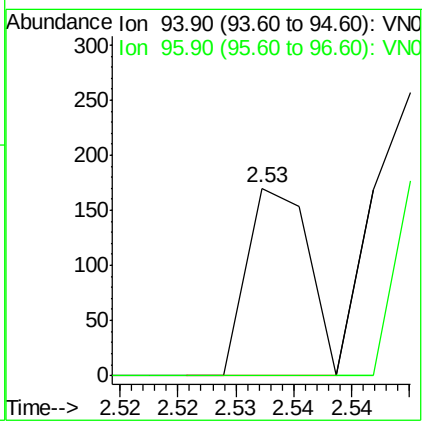


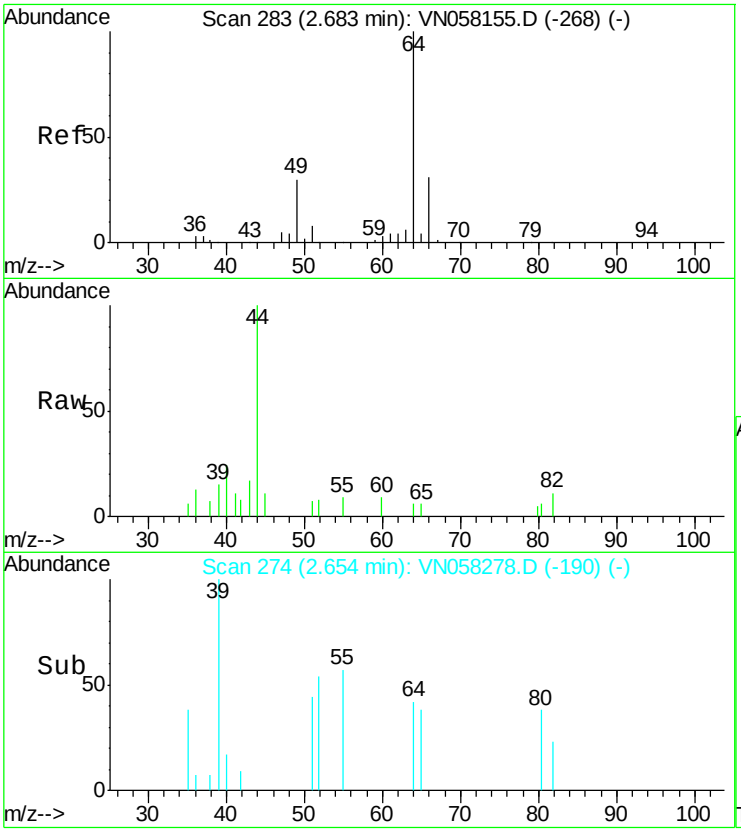


#5
Bromomethane
Concen: 0.756 ug/l
RT: 2.53 min Scan# 236
Delta R.T. -0.01 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 94 Resp: 63

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.3	109.9#



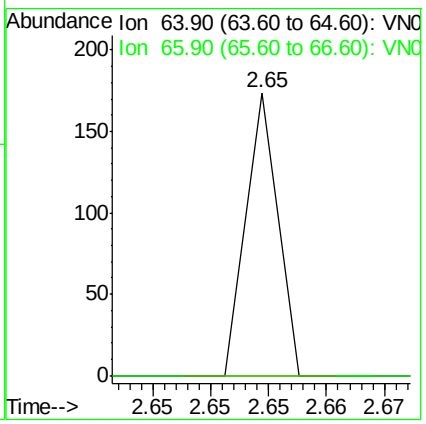


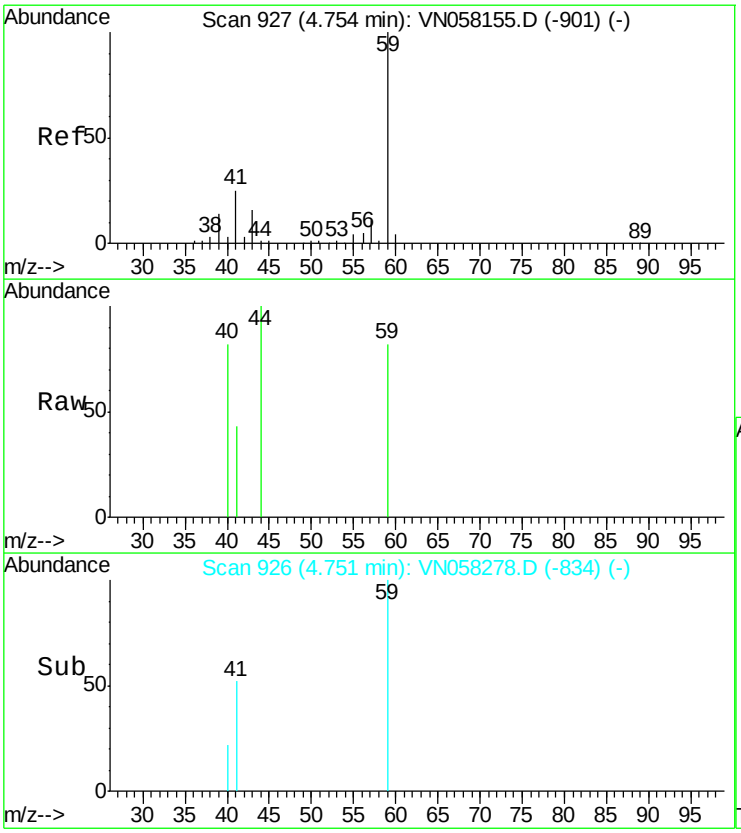
#6
Chloroethane
Concen: Below Cal
RT: 2.65 min Scan# 274
Delta R.T. -0.03 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument : MSVOA_N
ClientSampleId : EB02-20190918

Tgt Ion: 64 Resp: 34

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#

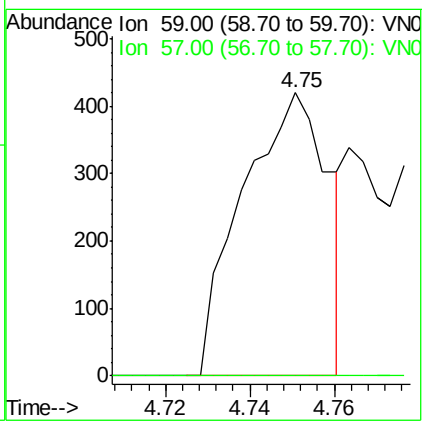


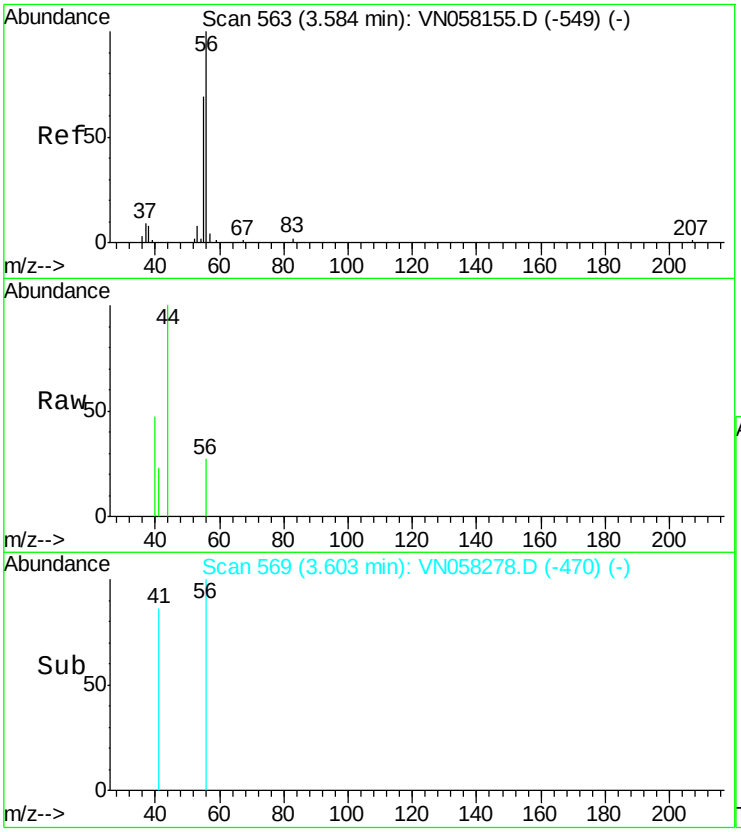


#11
Tert butyl alcohol
Concen: 0.703 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 59 Resp: 590

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



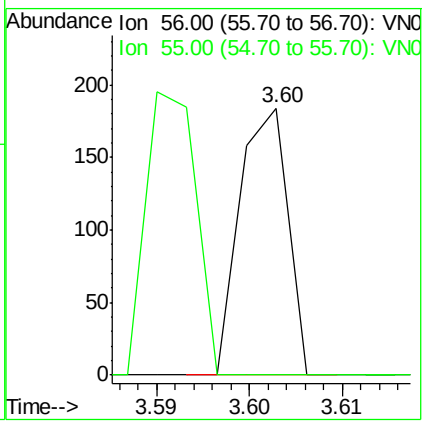


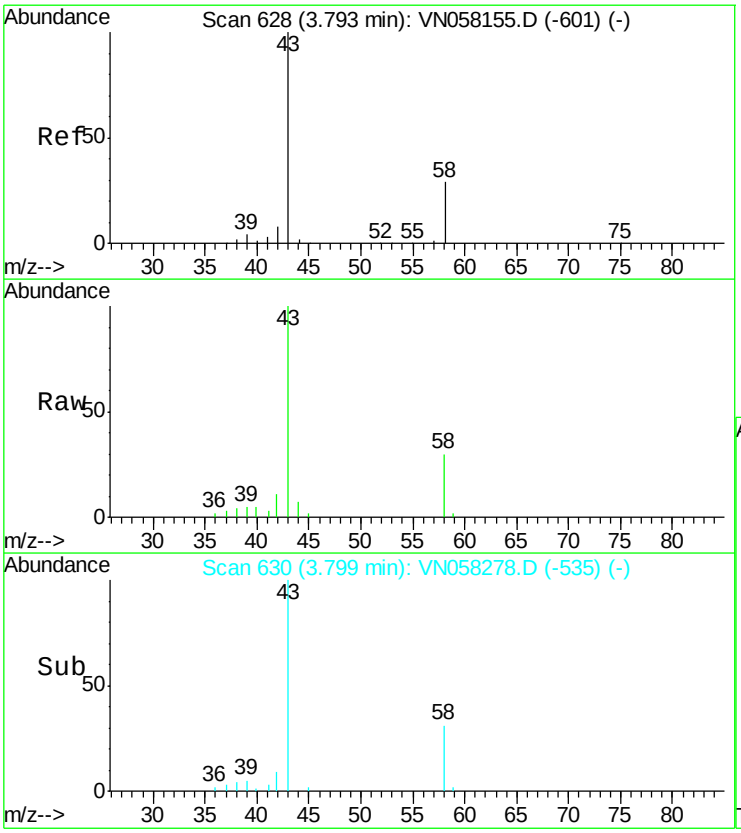
#13
Acrolein
Concen: 0.531 ug/l
RT: 3.60 min Scan# 569
Delta R.T. 0.02 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument : MSVOA_N
ClientSampleId : EB02-20190918

Tgt Ion: 56 Resp: 66

Ion	Ratio	Lower	Upper
56	100		
55	110.6	56.1	84.1#

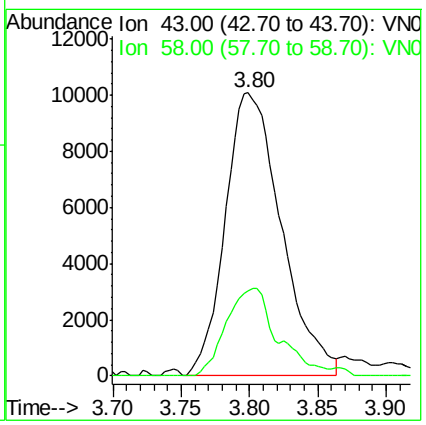


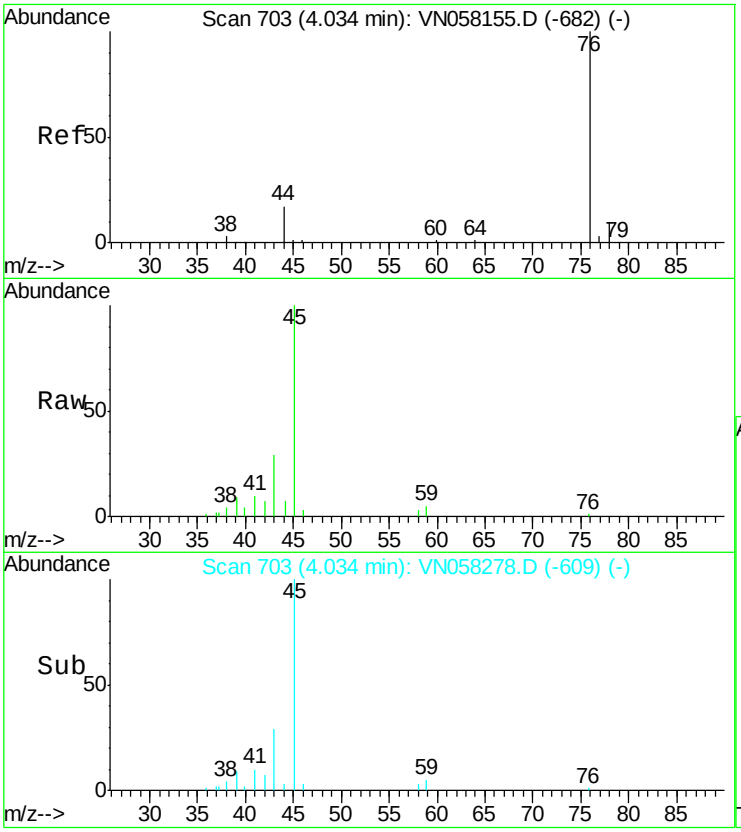


#16
Acetone
Concen: 12.037 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 43 Resp: 28820

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.2



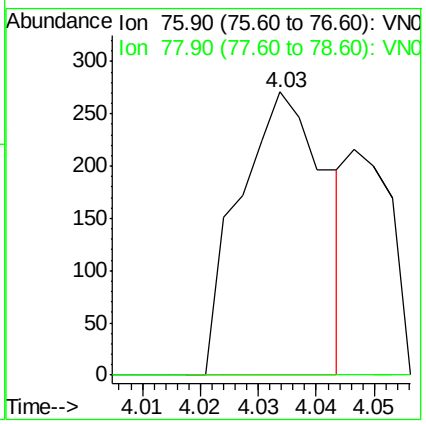


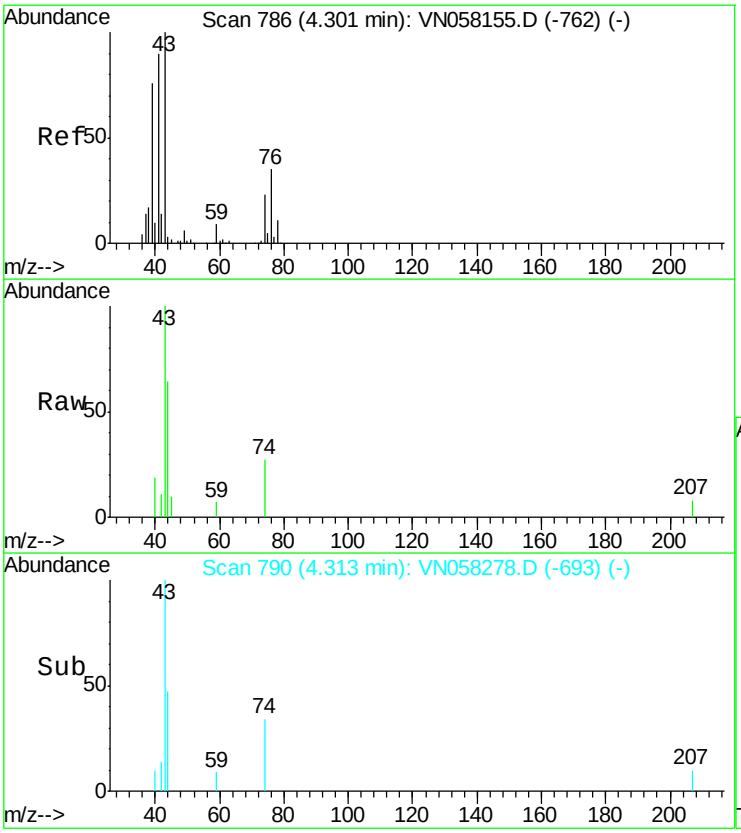
#17
Carbon Disulfide
Concen: 0.335 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Tgt Ion: 76 Resp: 281

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.7	11.5#

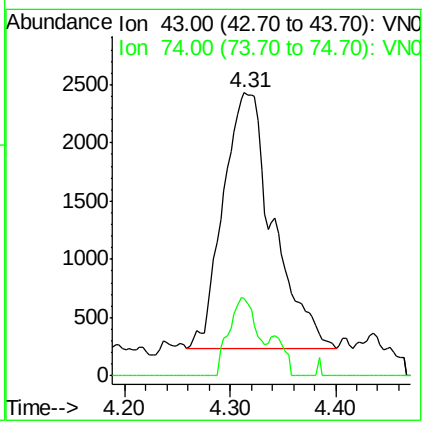


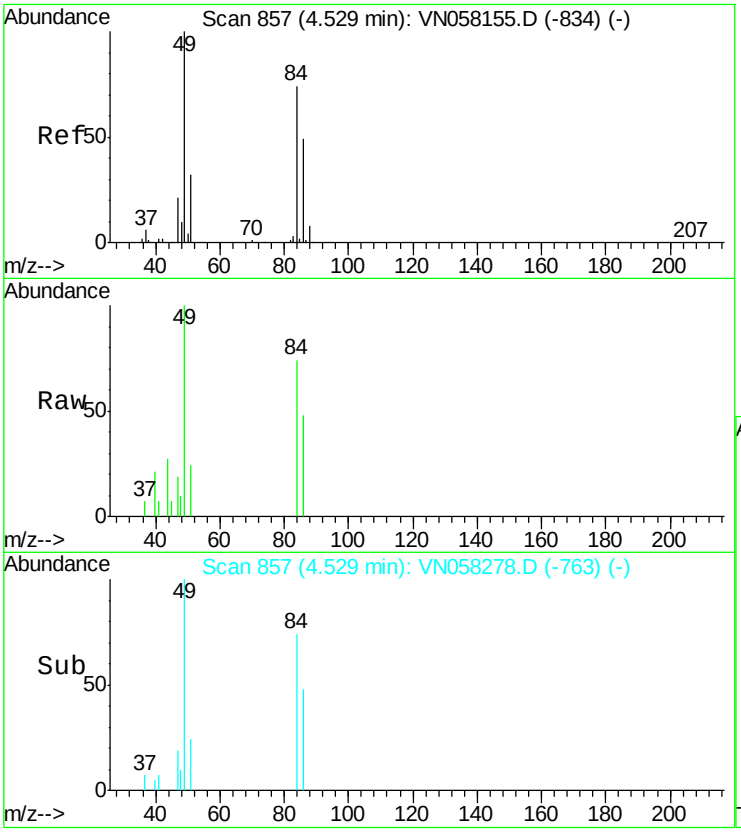


#18
Methyl Acetate
Concen: 1.145 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 43 Resp: 7216

Ion	Ratio	Lower	Upper
43	100		
74	16.9	18.0	27.0#



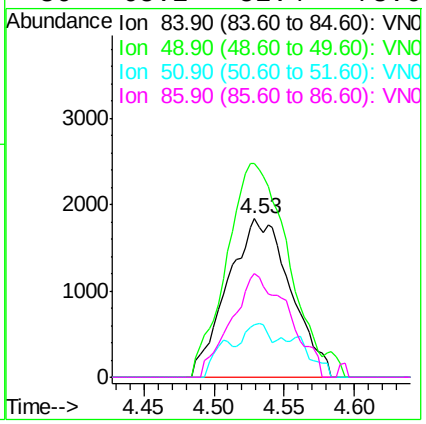


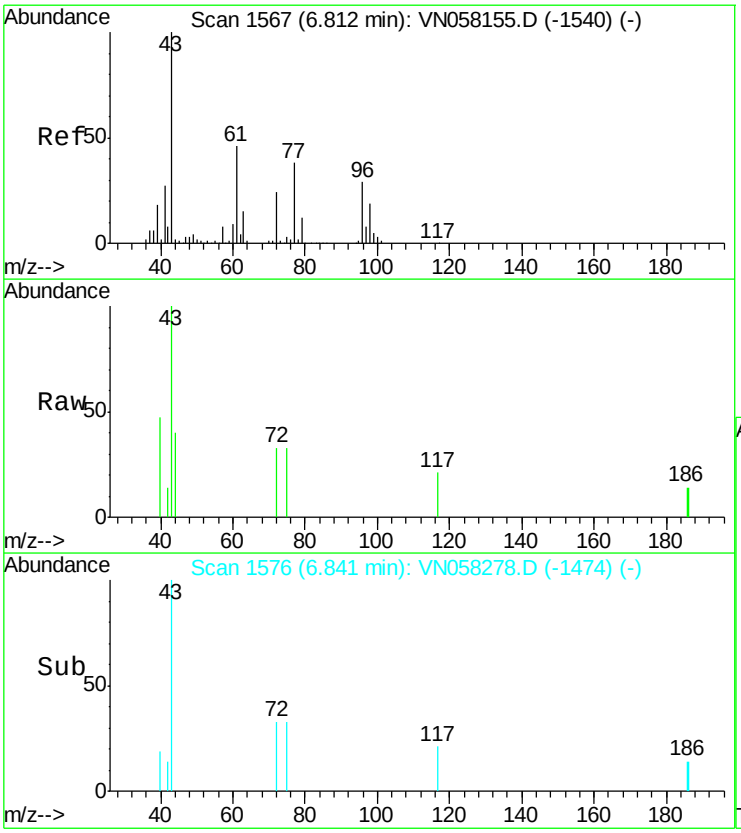
#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument : MSVOA_N
ClientSampleId : EB02-20190918

Tgt Ion: 84 Resp: 5724

Ion	Ratio	Lower	Upper
84	100		
49	134.6	107.5	161.3
51	32.8	33.9	50.9#
86	65.2	52.4	78.6

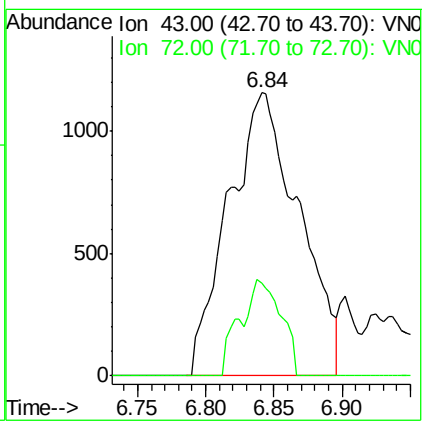


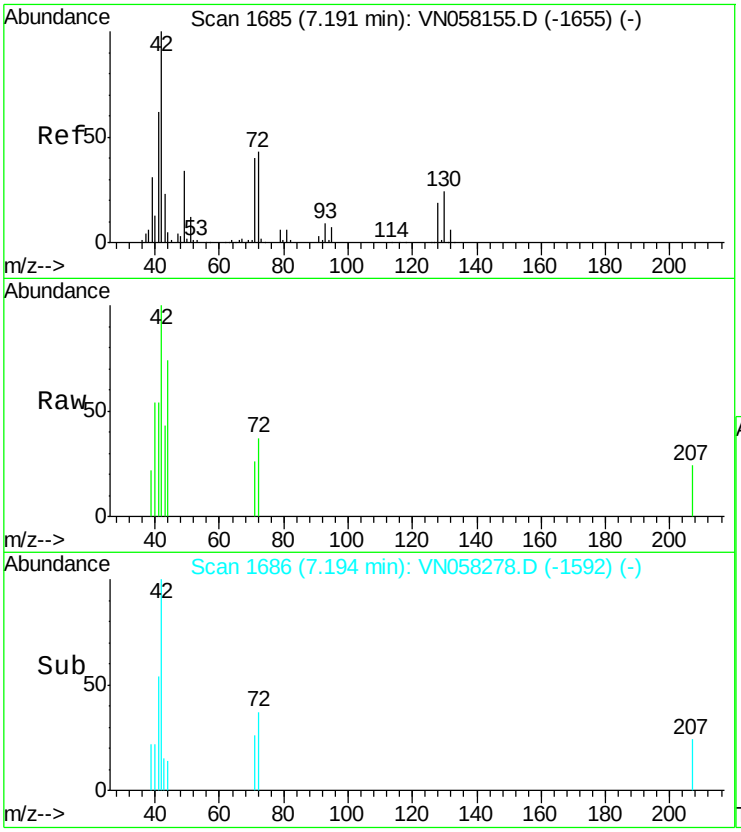


#25
2-Butanone
Concen: 1.277 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.03 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 43 Resp: 4165

Ion	Ratio	Lower	Upper
43	100		
72	32.7	19.5	29.3#



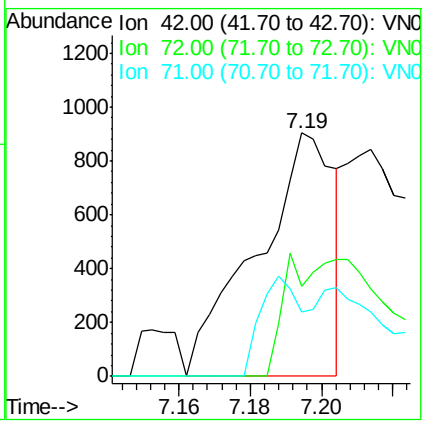


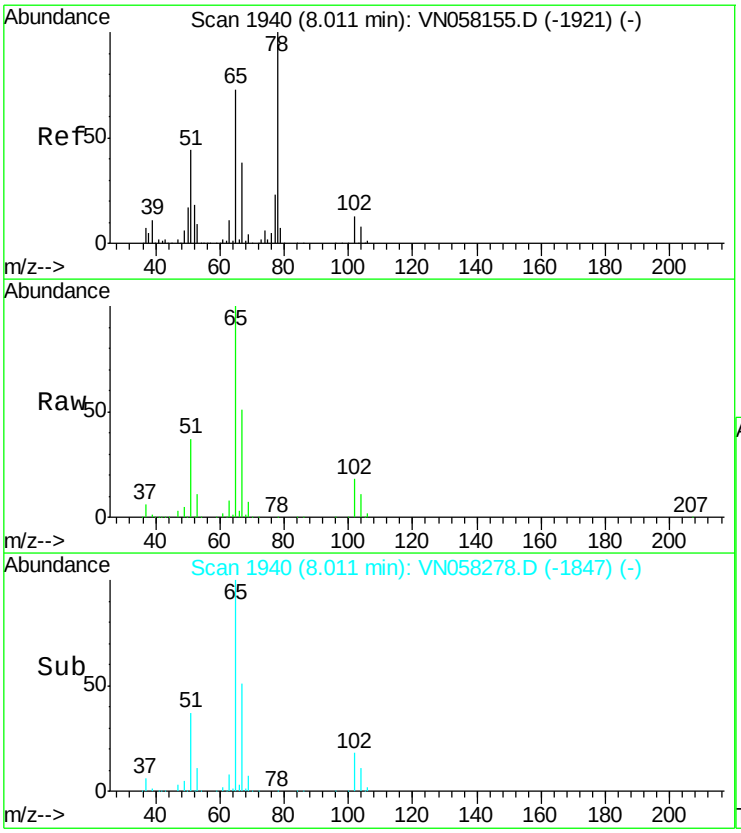
#29
Tetrahydrofuran
Concen: 0.674 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Tgt Ion: 42 Resp: 1355

Ion	Ratio	Lower	Upper
42	100		
72	64.1	33.8	50.6#
71	20.4	31.4	47.0#

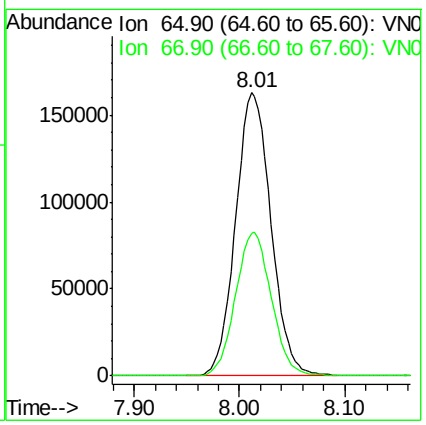


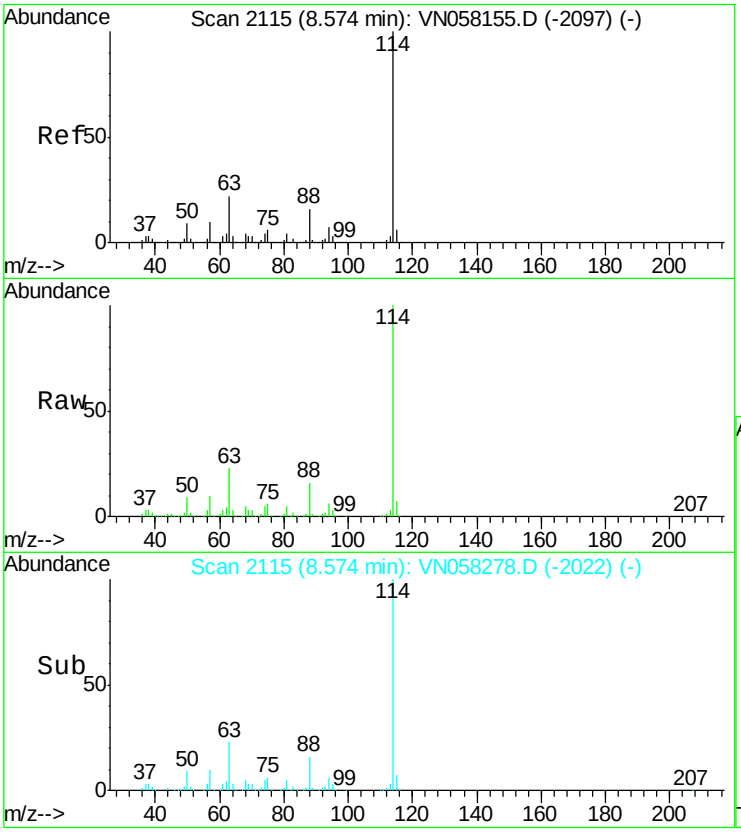


#33
1,2-Dichloroethane-d4
Concen: 53.918 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 65 Resp: 380317

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.4



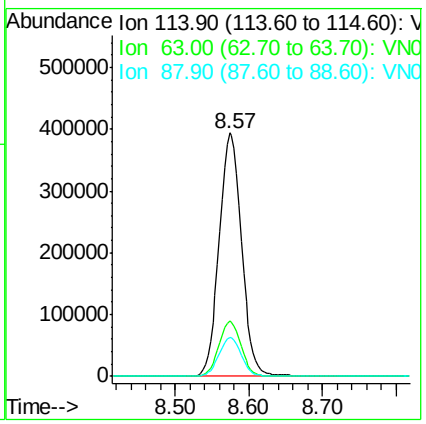


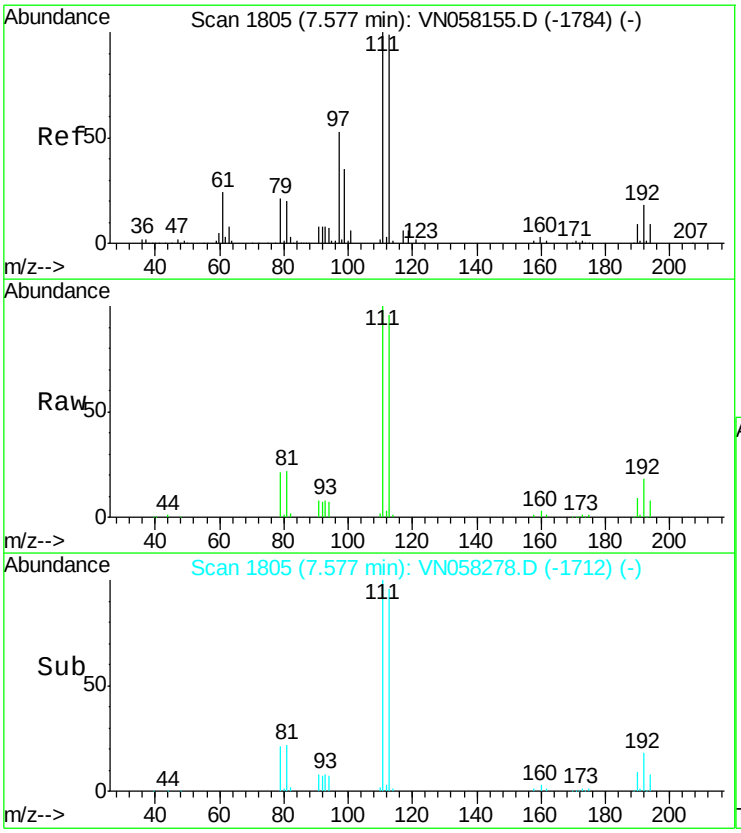
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Tgt Ion:114 Resp: 834876

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.2
88	16.0	0.0	31.6

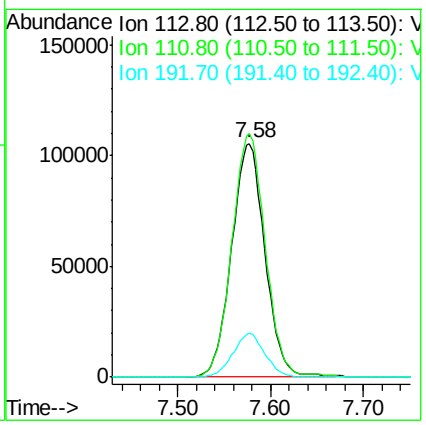


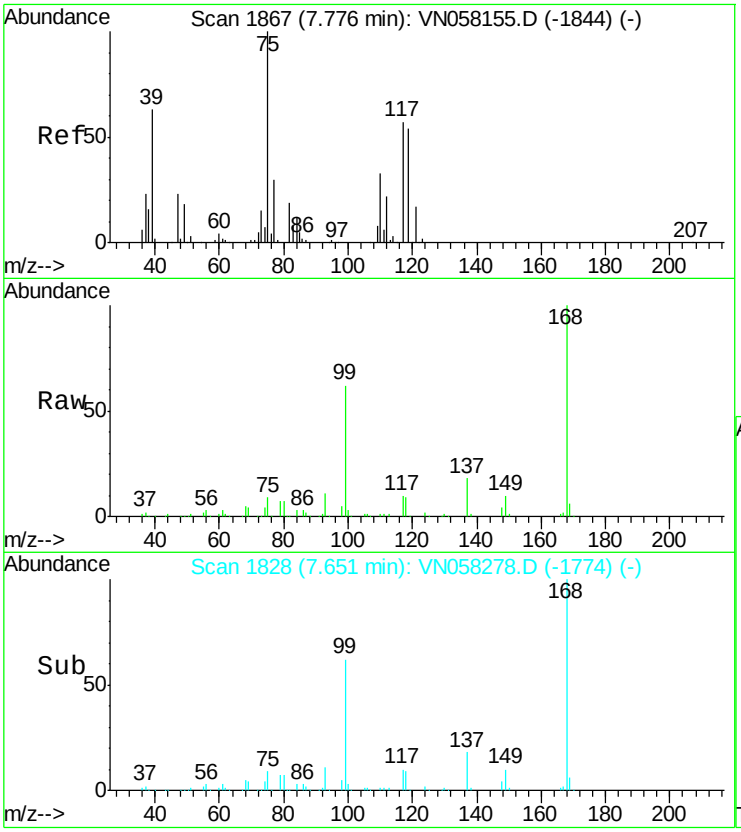


#35
Dibromofluoromethane
Concen: 51.870 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion:113 Resp: 263261

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	18.0	14.5	21.7



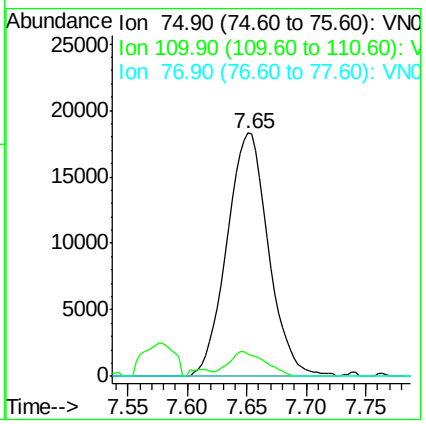


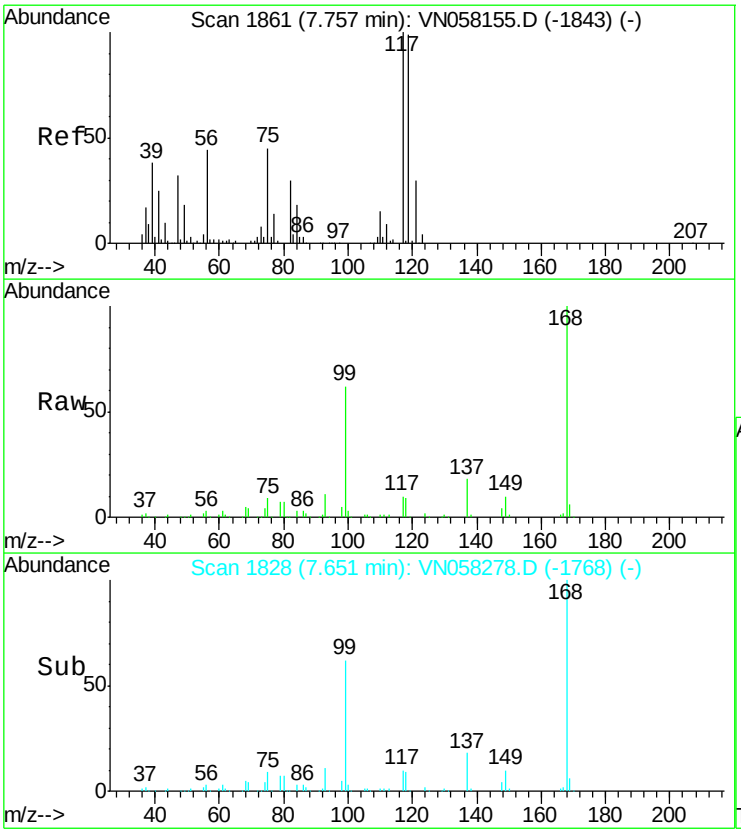
#36
1,1-Dichloropropene
Concen: 7.361 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Tgt Ion: 75 Resp: 44316

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.6	49.7#
77	0.0	24.3	36.5#

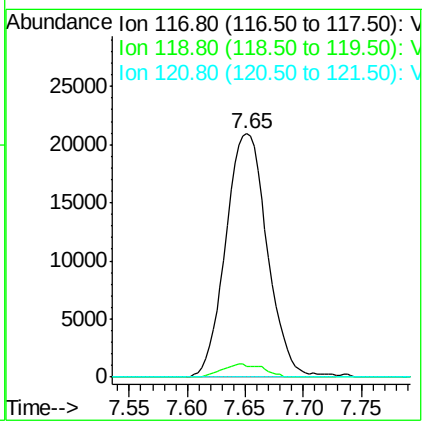


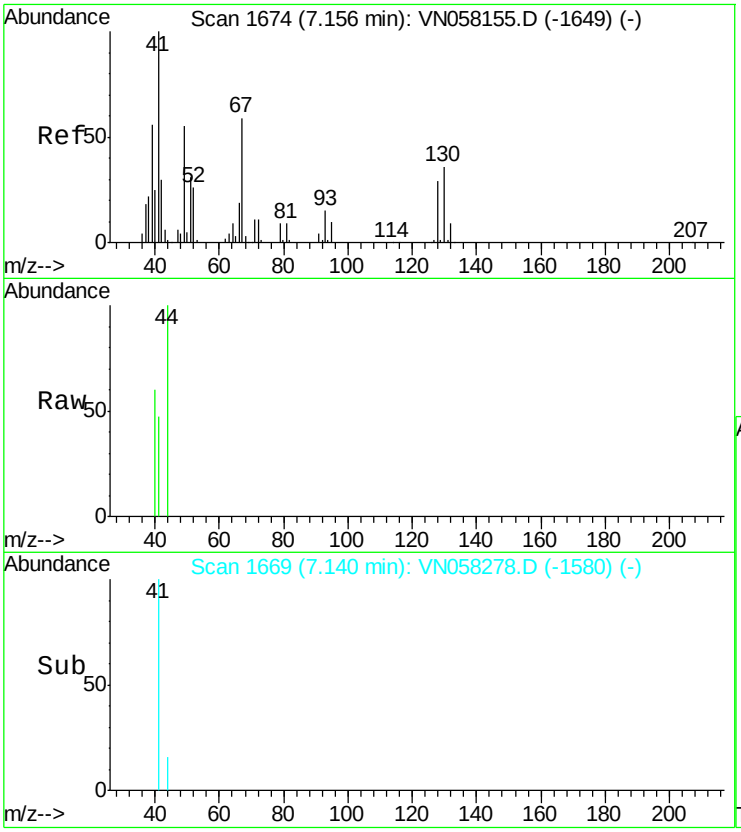


#38
Carbon Tetrachloride
Concen: 8.602 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion:117 Resp: 52061

Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.6	117.8#
121	0.0	24.1	36.1#



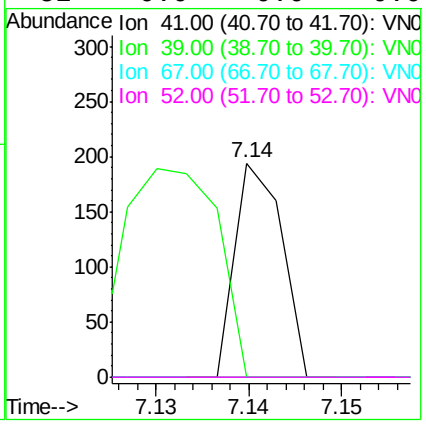


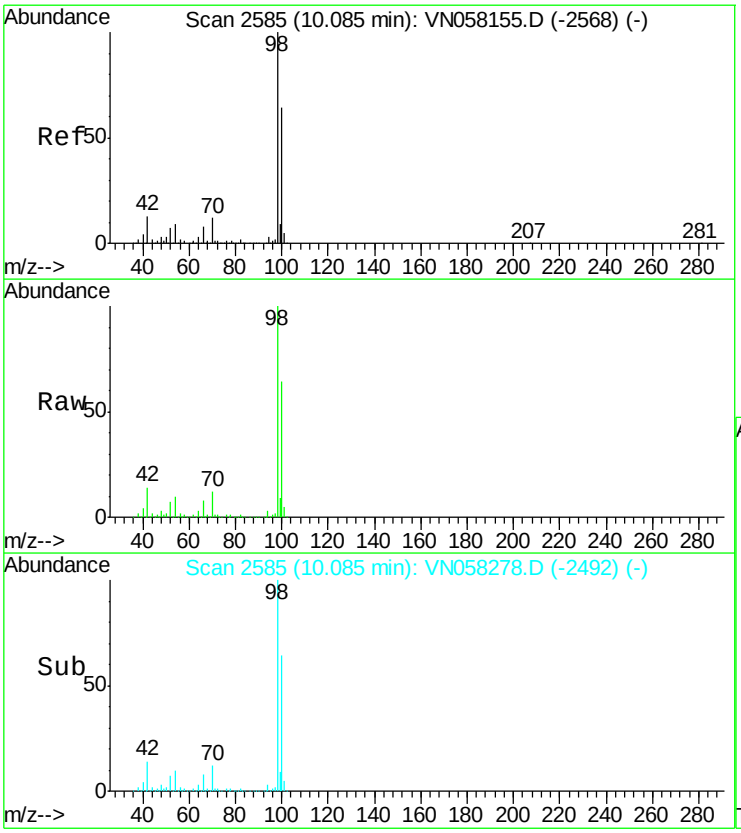
#41
Methacrylonitrile
Concen: 0.932 ug/l
RT: 7.14 min Scan# 1669
Delta R.T. -0.02 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument : MSVOA_N
ClientSampleId : EB02-20190918

Tgt Ion: 41 Resp: 68

Ion	Ratio	Lower	Upper
41	100		
39	192.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

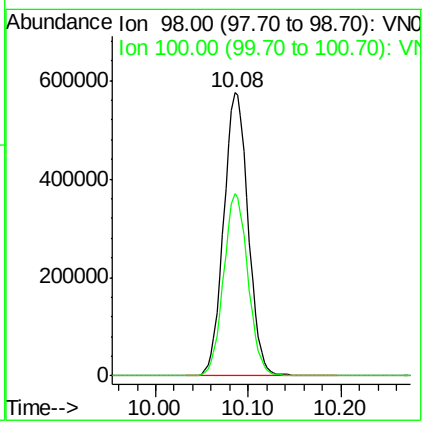


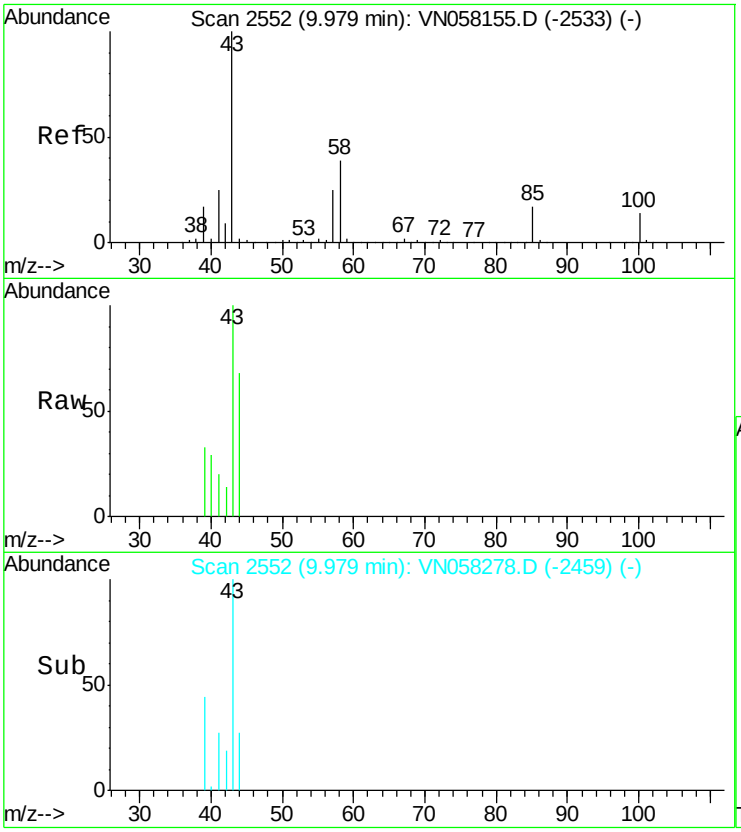


#50
Toluene-d8
Concen: 53.413 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 98 Resp: 1056213

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7



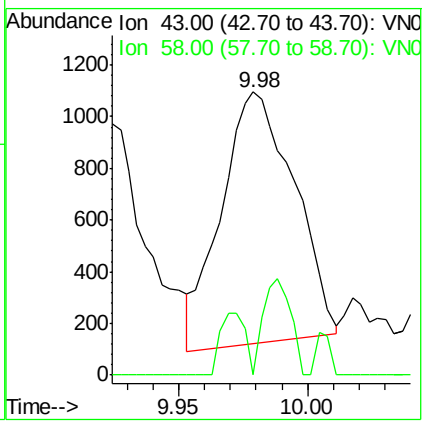


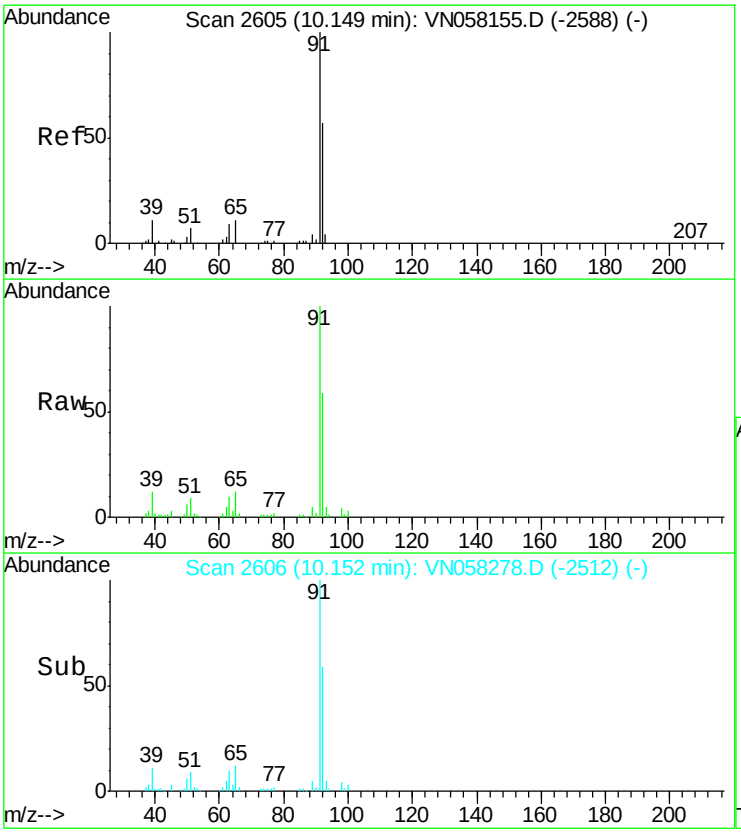
#51
4-Methyl-2-Pentanone
Concen: 0.310 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Tgt Ion: 43 Resp: 1922

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.2	45.4#

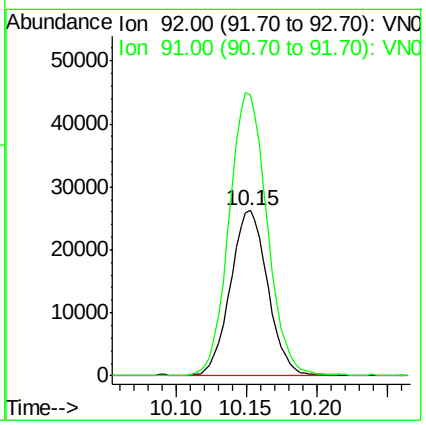


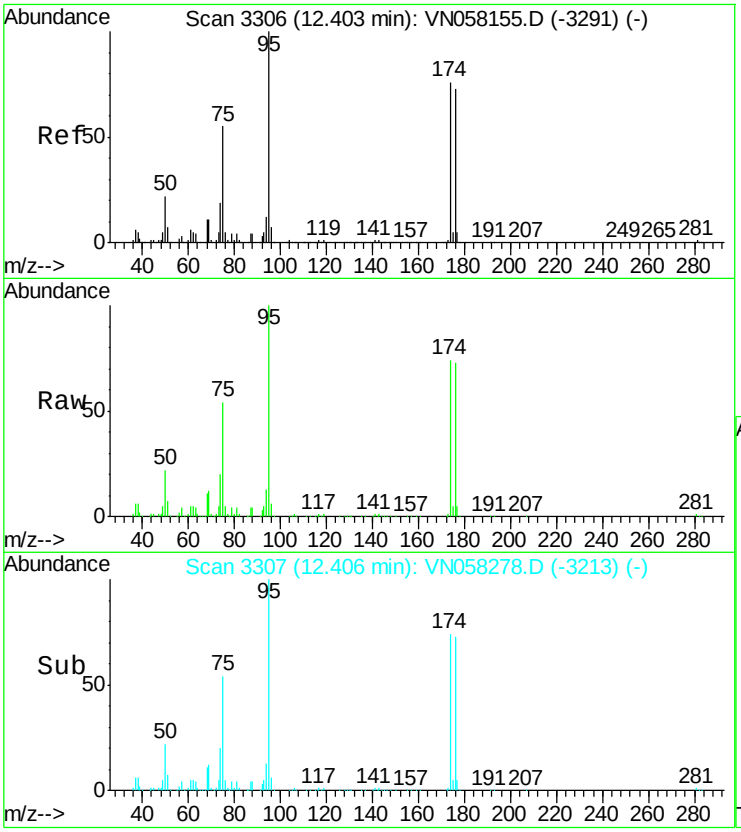


#52
Toluene
Concen: 4.239 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 92 Resp: 48857

Ion	Ratio	Lower	Upper
92	100		
91	174.0	140.2	210.2



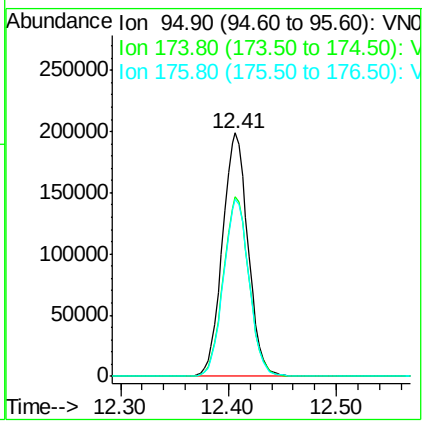


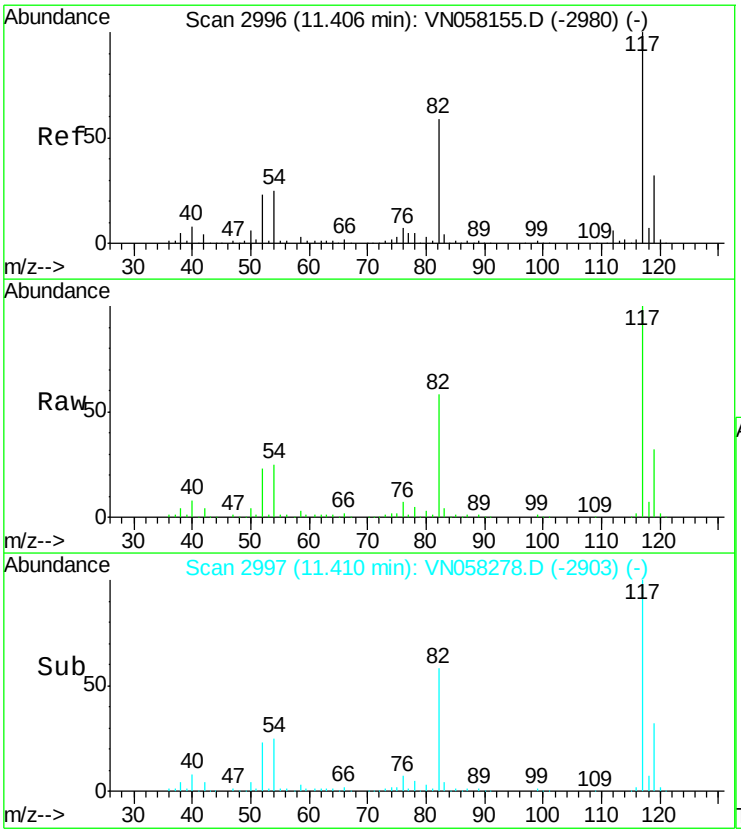
#62
4-Bromofluorobenzene
Concen: 44.803 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Tgt Ion: 95 Resp: 329102

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	152.2
176	72.8	0.0	148.0

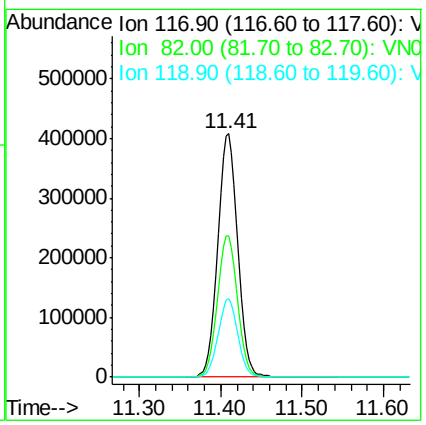


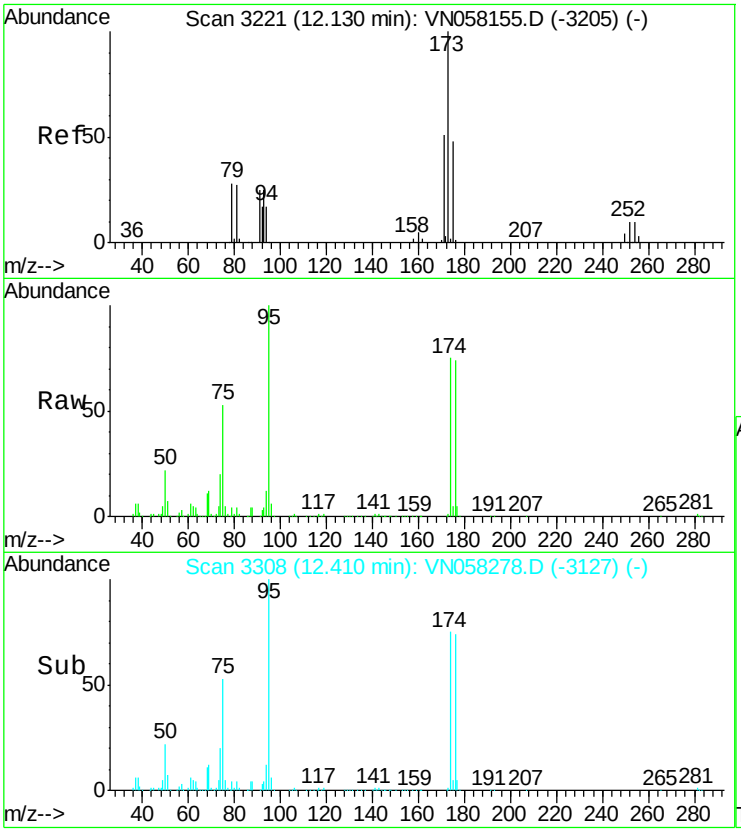


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion:117 Resp: 708556

Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.9	70.3
119	32.2	25.3	37.9



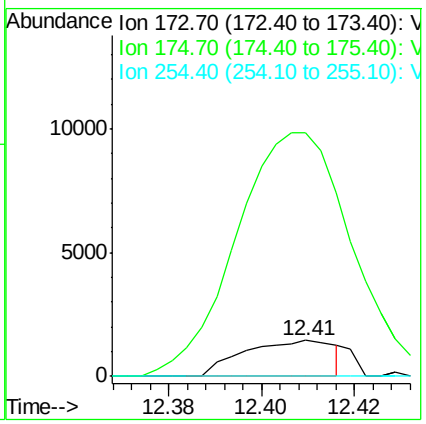


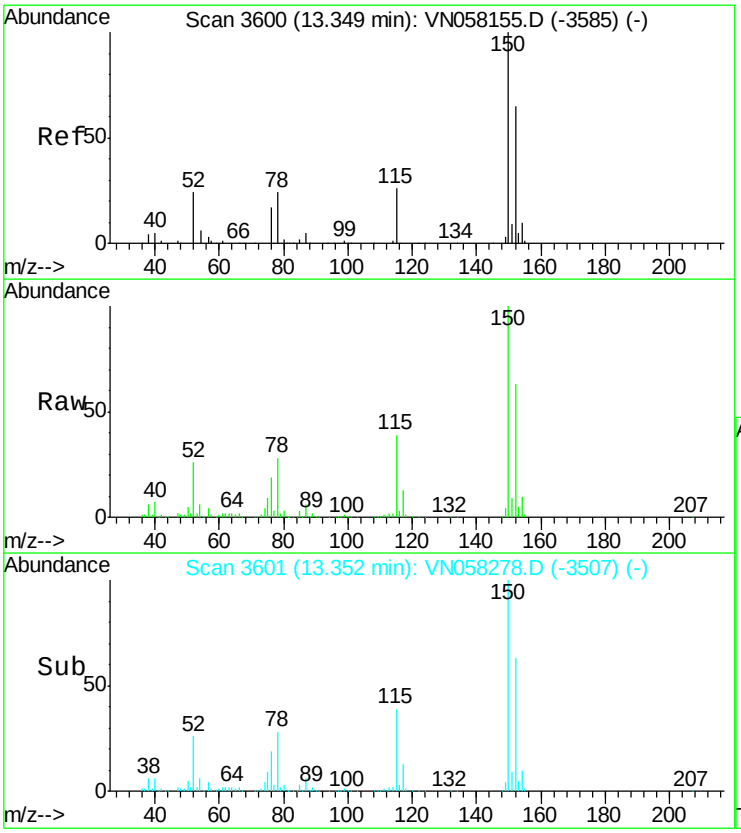
#71
Bromoform
Concen: 4.141 ug/l
RT: 12.41 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument : MSVOA_N
ClientSampleId : EB02-20190918

Tgt Ion:173 Resp: 1971

Ion	Ratio	Lower	Upper
173	100		
175	719.2	24.2	72.6#
254	0.0	0.1	0.1#

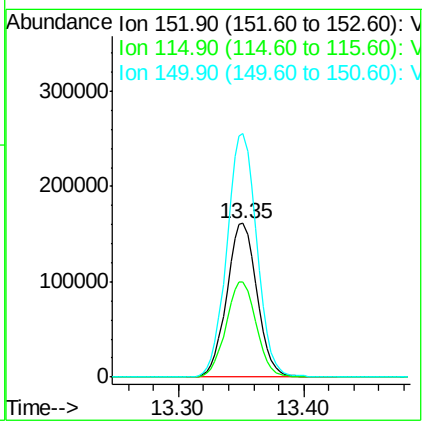


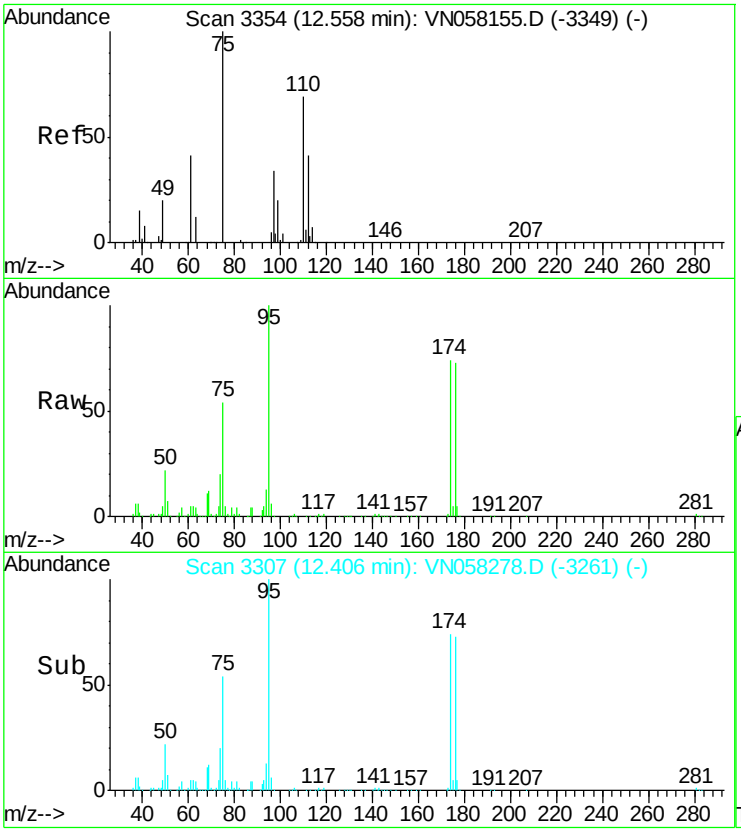


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion:152 Resp: 269733

Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.1	90.3
150	157.5	0.0	346.4



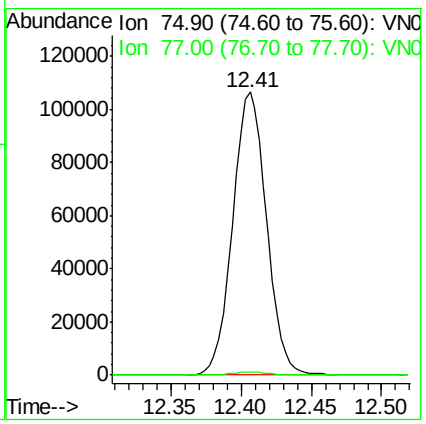


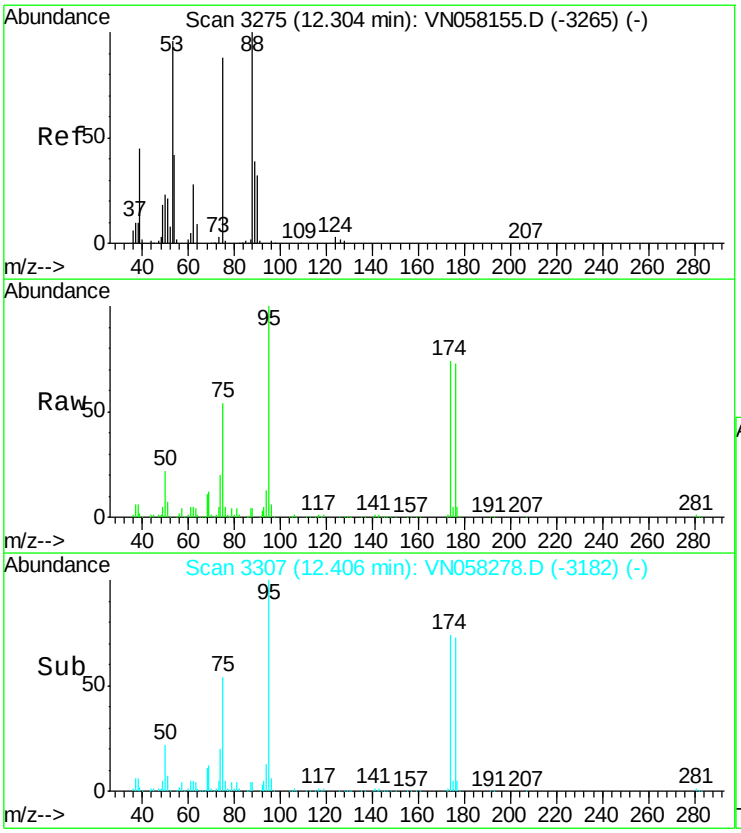
#76
1,2,3-Trichloropropane
Concen: 37.073 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Tgt Ion: 75 Resp: 178963

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

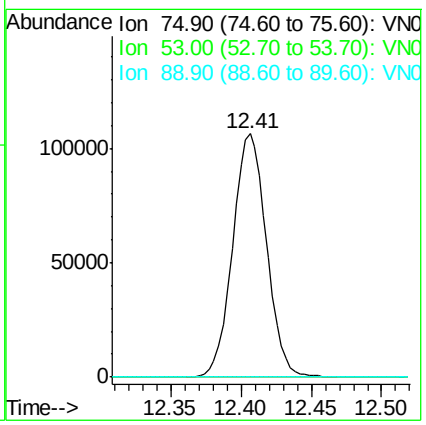


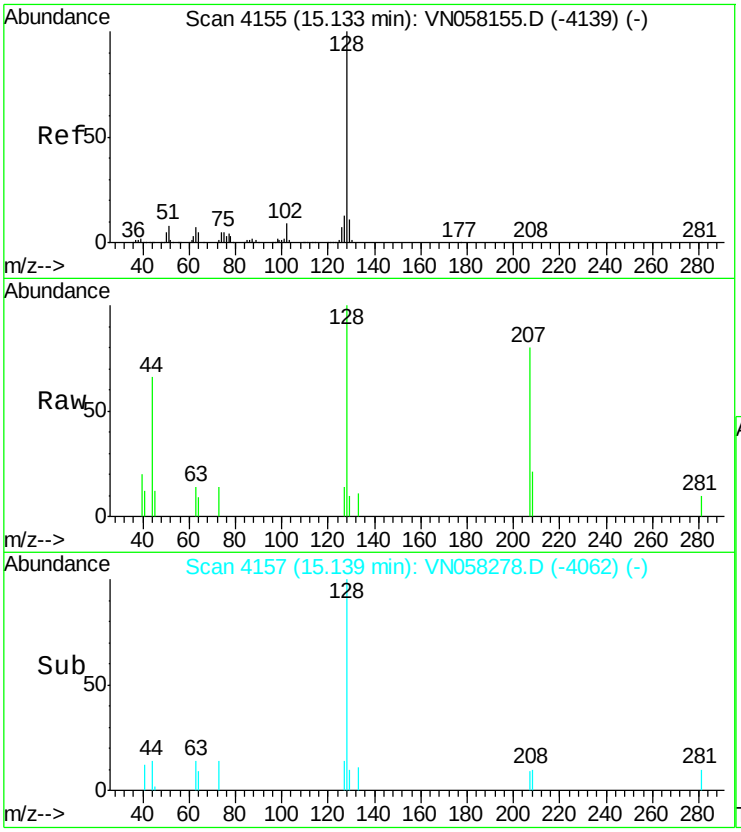


#81
trans-1,4-Dichloro-2-butene
Concen: 103.363 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Tgt Ion: 75 Resp: 178963

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.1	135.1#
89	0.0	36.2	54.2#





#95
Naphthalene
Concen: 0.200 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN058278.D
Acq: 23 Sep 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
EB02-20190918

Tgt Ion:128 Resp: 2578

Ion	Ratio	Lower	Upper
128	100		
127	7.3	10.2	15.2#
129	3.5	8.6	12.8#