Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092319\
Data File : VN058310.D
Acq On : 23 Sep 2019 22:32
Operator : JC/SP
Sample : PB123296TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Sep 24 01:38:15 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	482716	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	808897	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	714141	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281797	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.01	65	376775	56.04 ug/l	0.00
Spiked Amount 50.000			Recovery = 112.08%		
35) Dibromofluoromethane	7.57	113	254877	51.83 ug/l	0.00
Spiked Amount 50.000			Recovery = 103.66%		
50) Toluene-d8	10.08	98	1048080	54.70 ug/l	0.00
Spiked Amount 50.000			Recovery = 109.40%		
62) 4-Bromofluorobenzene	12.41	95	335119	47.09 ug/l	0.00
Spiked Amount 50.000			Recovery = 94.18%		
Target Compounds					Qvalue
3) Chloromethane	2.03	50	410	Below Cal #	42
5) Bromomethane	2.57	94	441	0.968 ug/l #	4
6) Chloroethane	2.68	64	440	Below Cal #	44
8) Diethyl Ether	3.39	74	812	0.327 ug/l	63
12) 1,1-Dichloroethene	3.64	96	31	Below Cal #	1
13) Acrolein	3.59	56	63	0.532 ug/l #	15
16) Acetone	3.80	43	13963	6.118 ug/l	99
17) Carbon Disulfide	4.03	76	253	0.331 ug/l #	74
18) Methyl Acetate	4.32	43	3860	0.643 ug/l #	73
20) Methylene Chloride	4.53	84	10157	2.331 ug/l	94
25) 2-Butanone	6.83	43	3135	1.008 ug/l	93
31) Cyclohexane	7.65	56	12734	Below Cal #	19
36) 1,1-Dichloropropene	7.65	75	41478	7.110 ug/l #	51
38) Carbon Tetrachloride	7.65	117	50794	8.662 ug/l #	15
41) Methacrylonitrile	7.19	41	311	1.011 ug/l #	100
43) Isopropyl Acetate	8.15	43	101887	9.012 ug/l #	90
45) 1,2-Dichloropropane	9.26	63	2011	0.378 ug/l #	45
48) Methyl methacrylate	9.17	41	5877	1.145 ug/l #	14
49) 1,4-Dioxane	9.27	88	66	0.783 ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5212	0.868 ug/l #	81
54) cis-1,3-Dichloropropene	9.90	75	41499	5.414 ug/l #	71
56) Ethyl methacrylate	10.54	69	2148	0.300 ug/l #	1
57) 1,3-Dichloropropane	10.77	76	6840	0.803 ug/l #	43
59) 2-Hexanone	10.76	43	106757	23.936 ug/l #	54
71) Bromoform	12.39	173	237	3.660 ug/l #	29
74) N-amyl acetate	12.04	43	4132	0.560 ug/l #	49
76) 1,2,3-Trichloropropane	12.41	75	189486	37.572 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	189486	104.677 ug/l #	5
90) Hexachloroethane	13.69	117	70	2.847 ug/l #	12

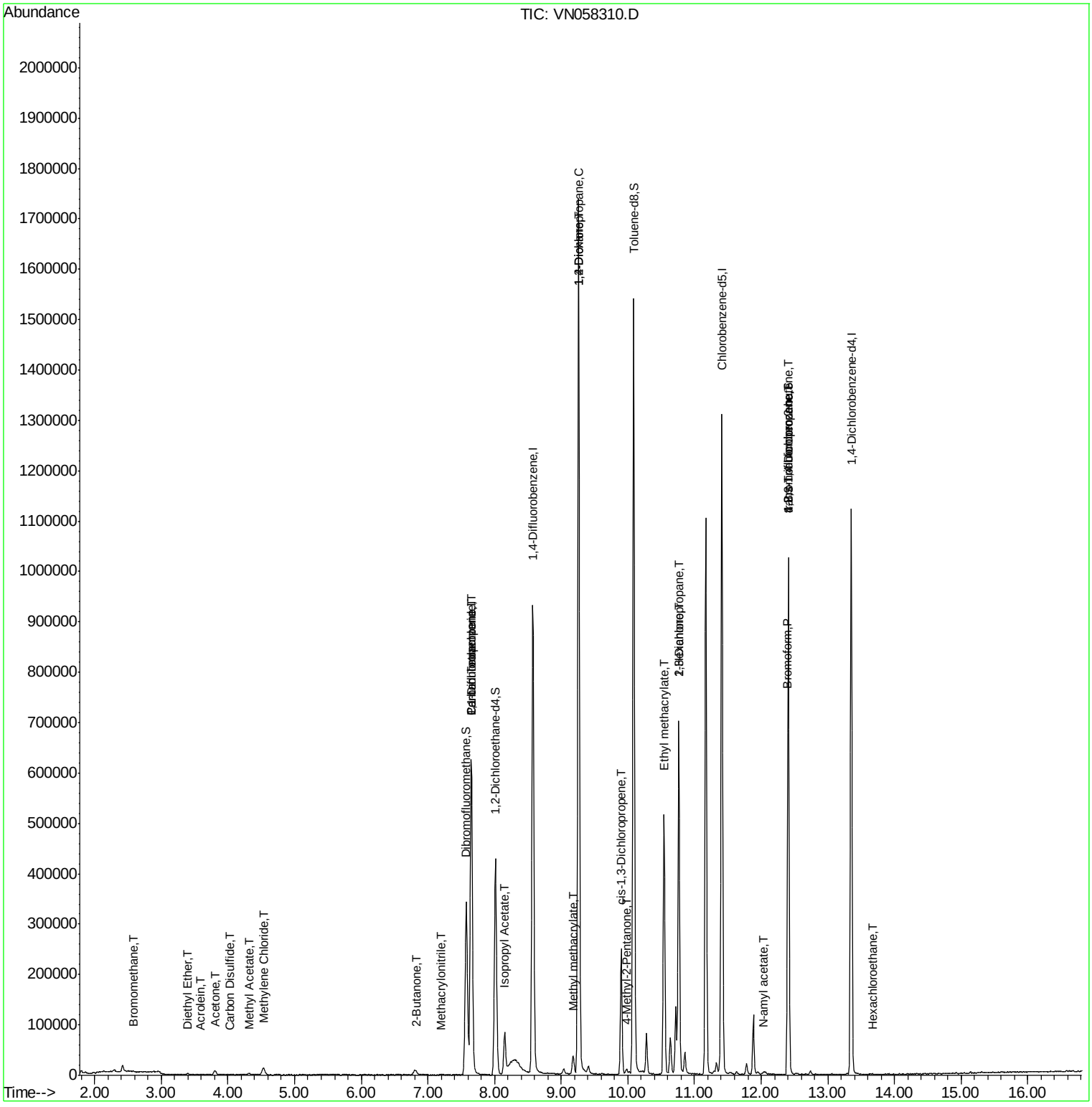
(#) = qualifier out of range (m) = manual integration (+) = signals summed

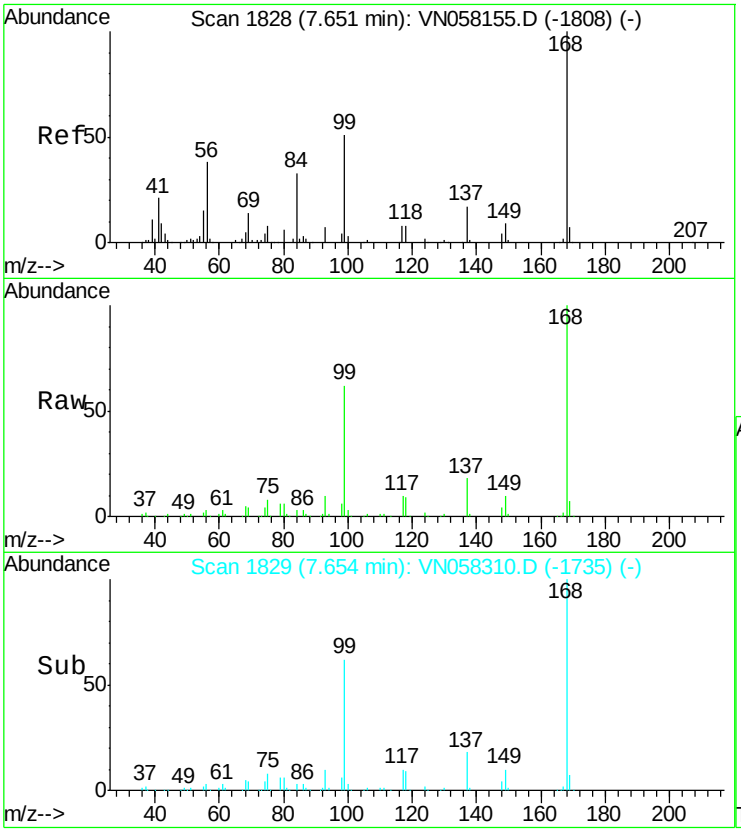
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092319\
Data File : VN058310.D
Acq On : 23 Sep 2019 22:32
Operator : JC/SP
Sample : PB123296TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 24 01:38:15 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



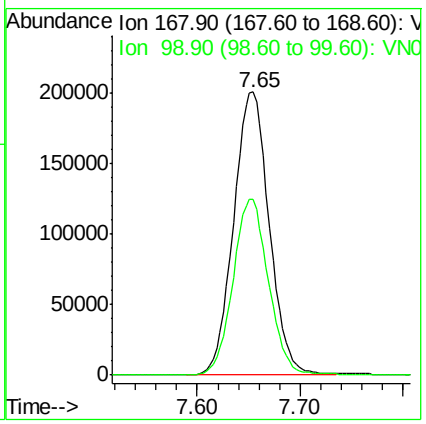


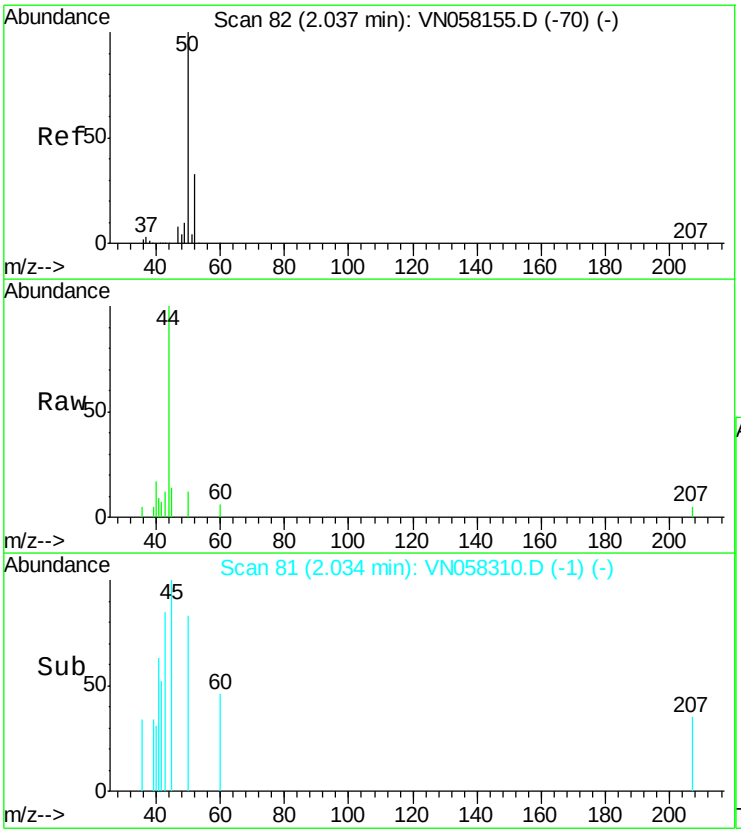
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 482716

Ion	Ratio	Lower	Upper
168	100		
99	62.2	47.4	71.2

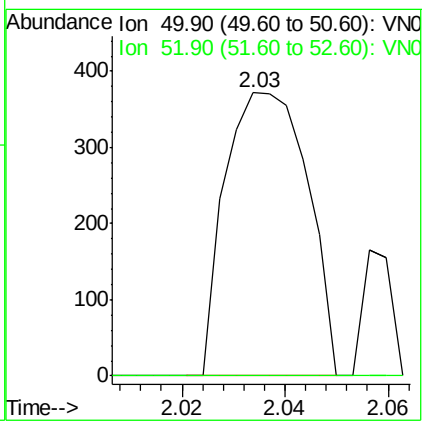


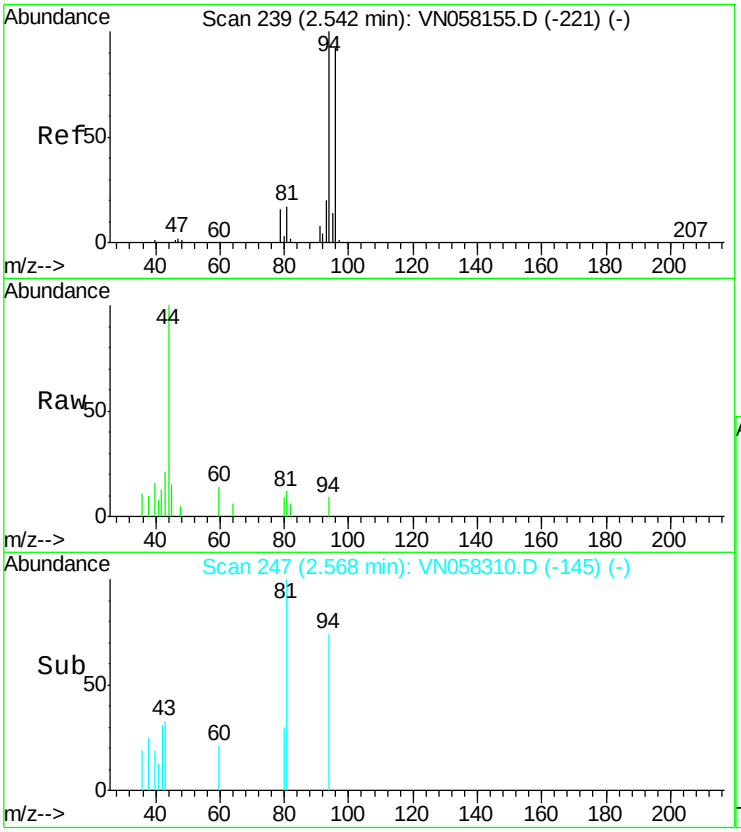


#3
Chloromethane
Concen: Below Cal
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 50 Resp: 410

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



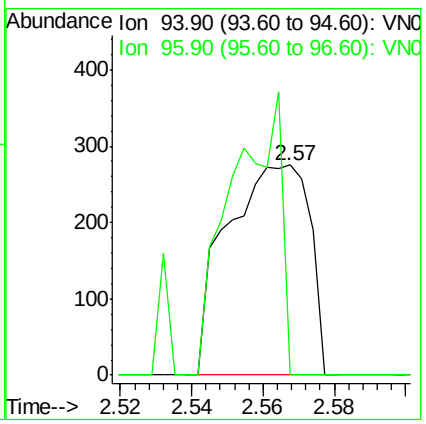


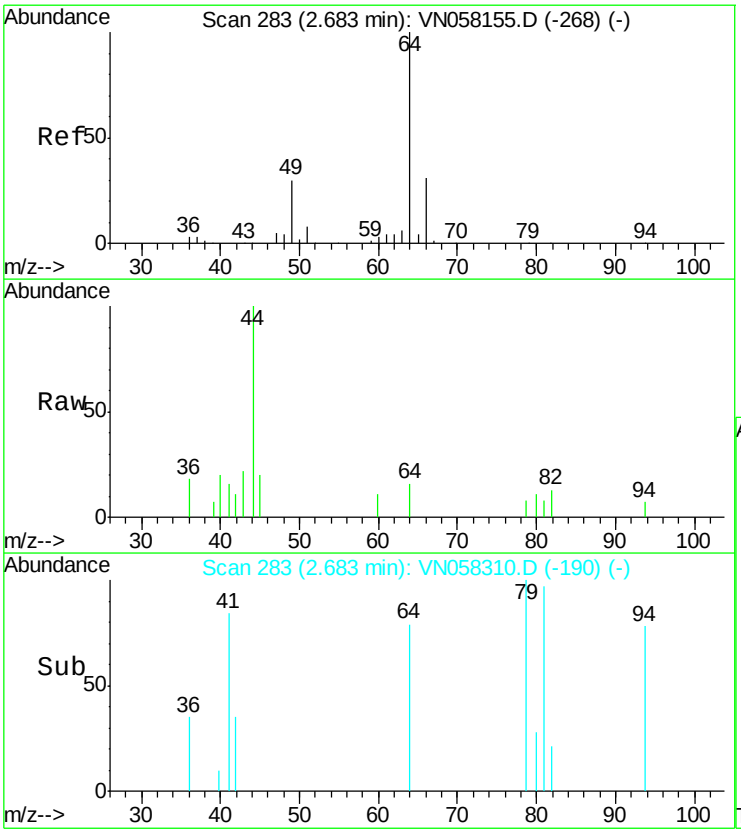
#5
Bromomethane
Concen: 0.968 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.03 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 441

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.3	109.9#

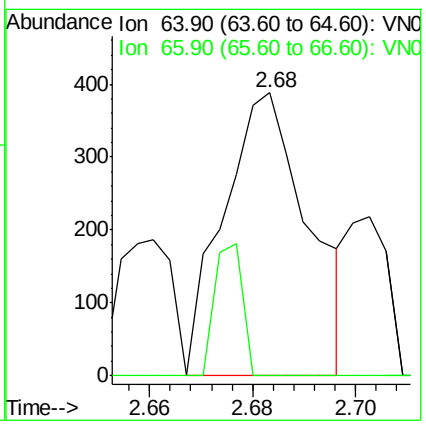


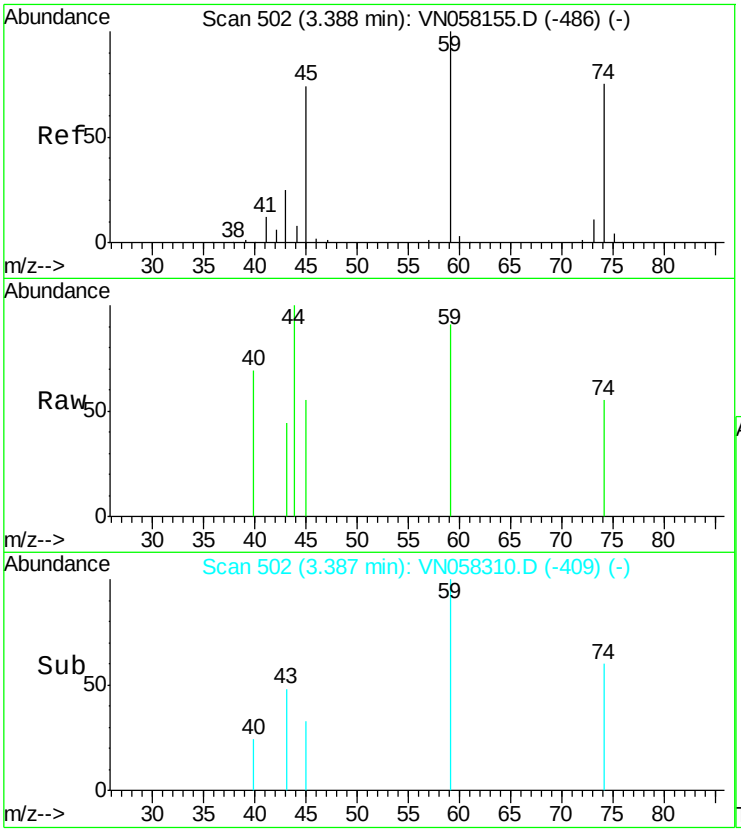


#6
Chloroethane
Concen: Below Cal
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 64 Resp: 440

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



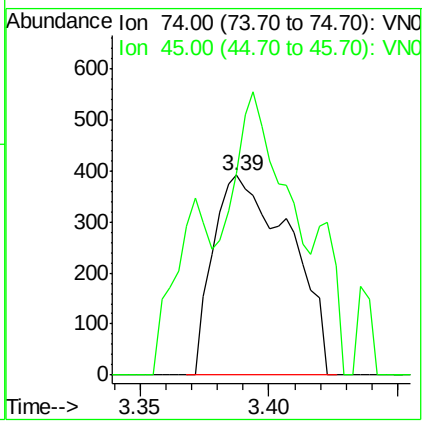


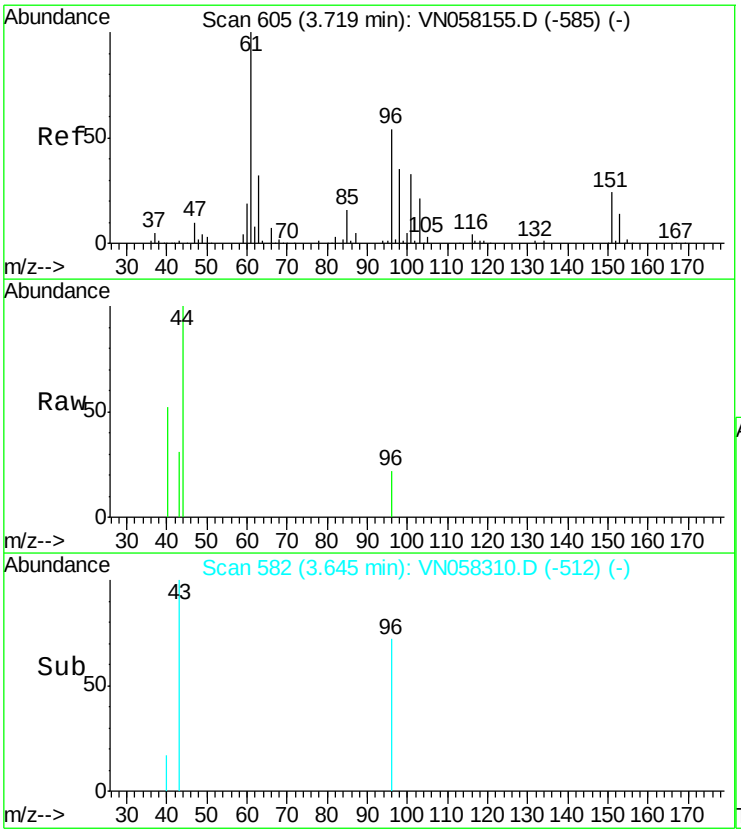
#8
Diethyl Ether
Concen: 0.327 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 74 Resp: 812

Ion	Ratio	Lower	Upper
74	100		
45	60.7	48.5	145.5

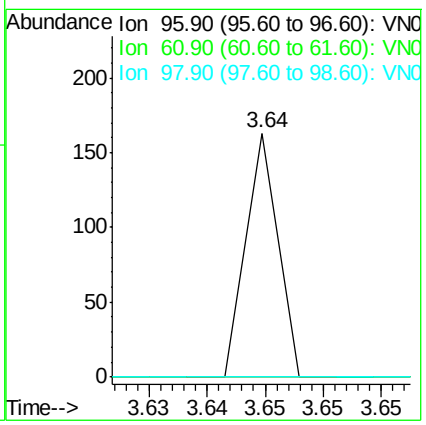


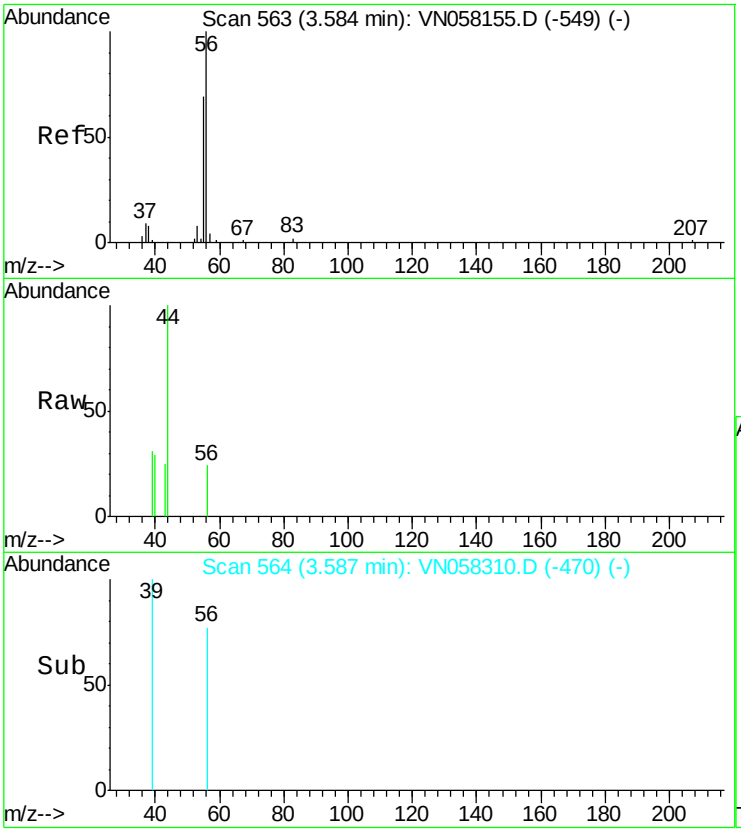


#12
1,1-Dichloroethene
Concen: Below Cal
RT: 3.64 min Scan# 582
Delta R.T. -0.07 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 96 Resp: 31

Ion	Ratio	Lower	Upper
96	100		
61	0.0	149.5	224.3#
98	0.0	52.4	78.6#



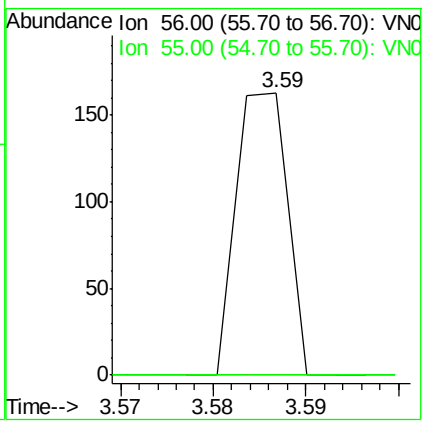


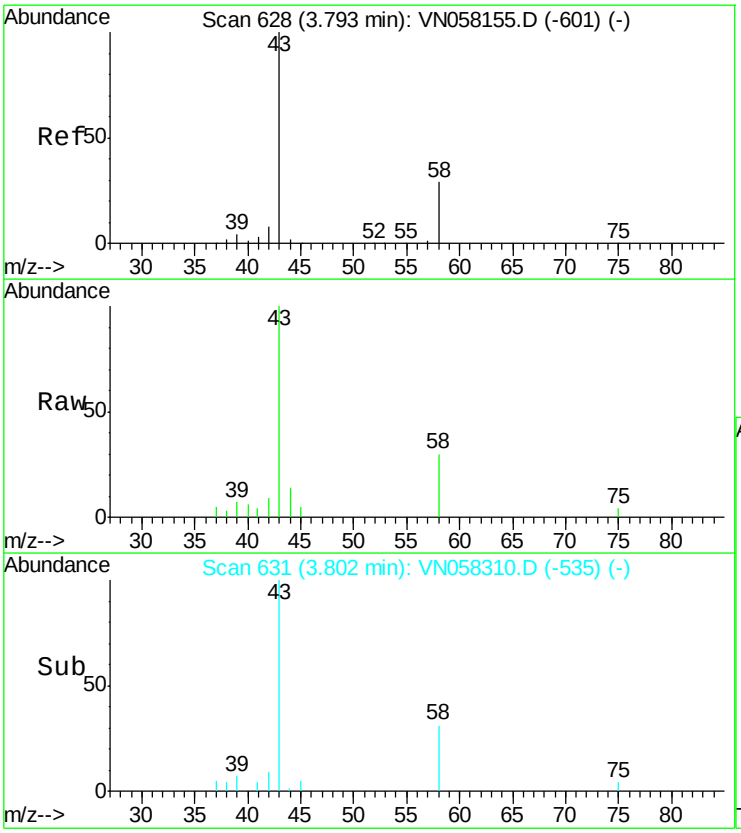
#13
Acrolein
Concen: 0.532 ug/l
RT: 3.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#

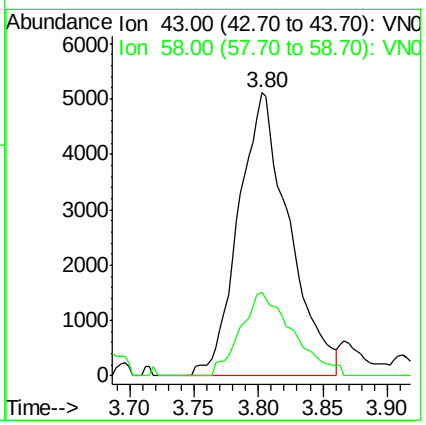


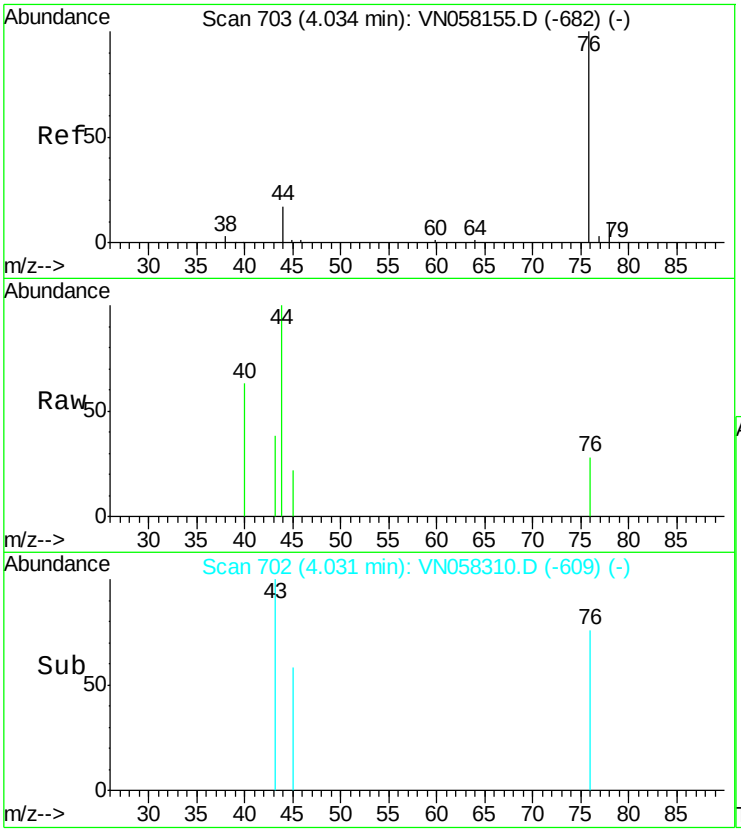


#16
Acetone
Concen: 6.118 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 43 Resp: 13963

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.4	35.2



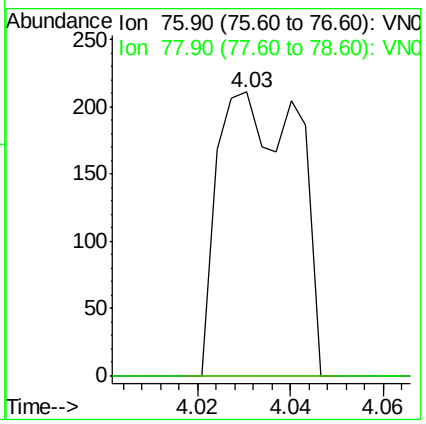


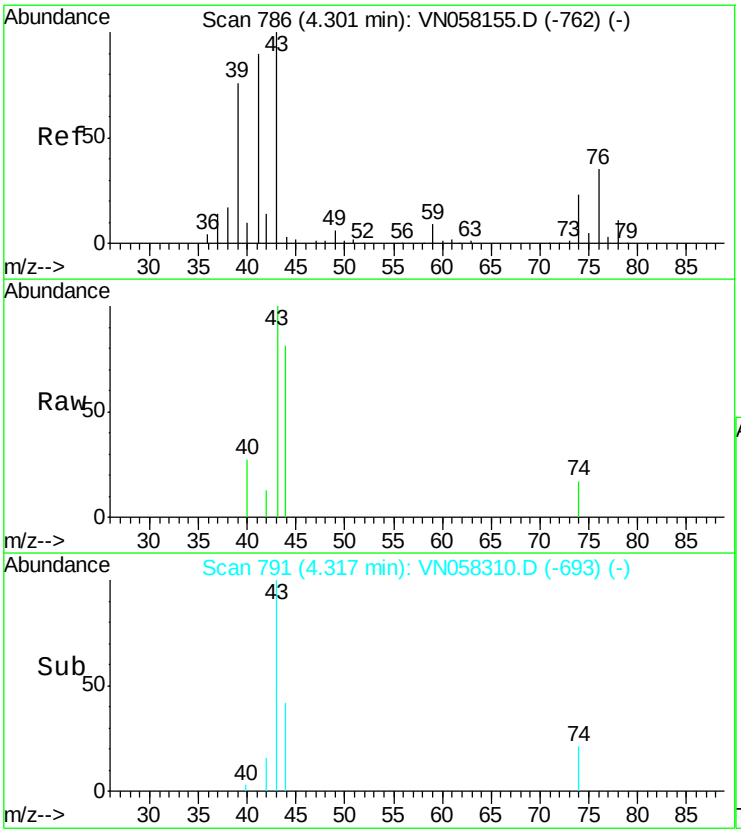
#17
Carbon Disulfide
Concen: 0.331 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 253

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.7	11.5#

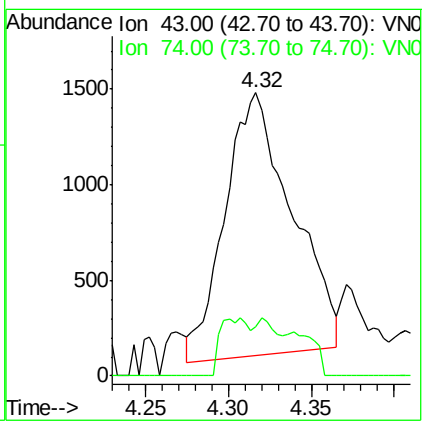


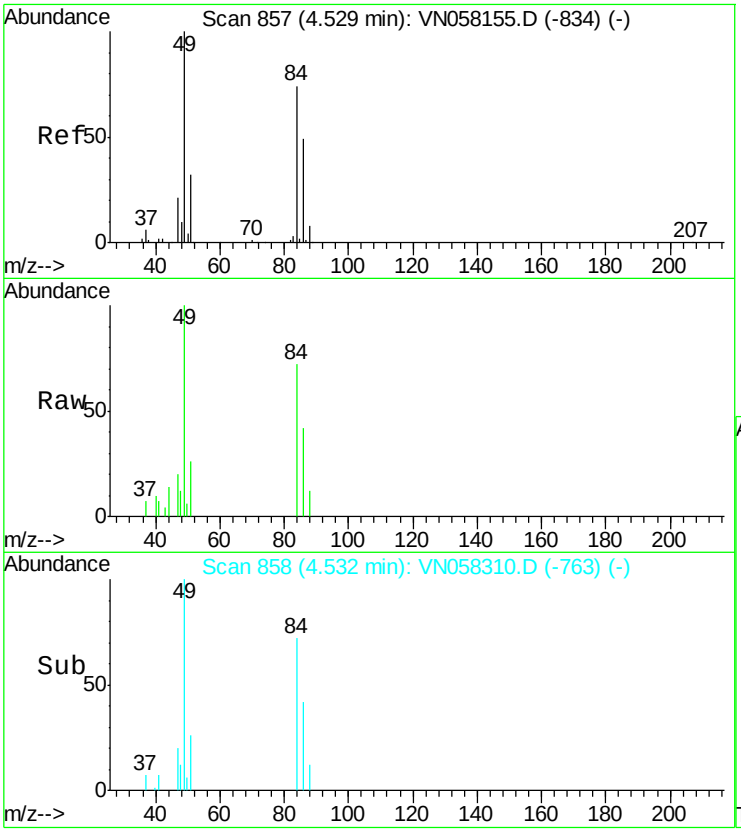


#18
Methyl Acetate
Concen: 0.643 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.02 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 43 Resp: 3860

Ion	Ratio	Lower	Upper
43	100		
74	9.5	18.0	27.0#



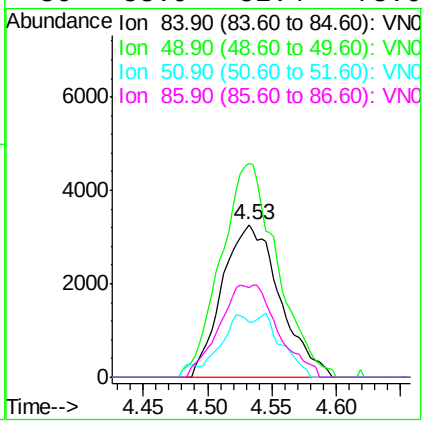


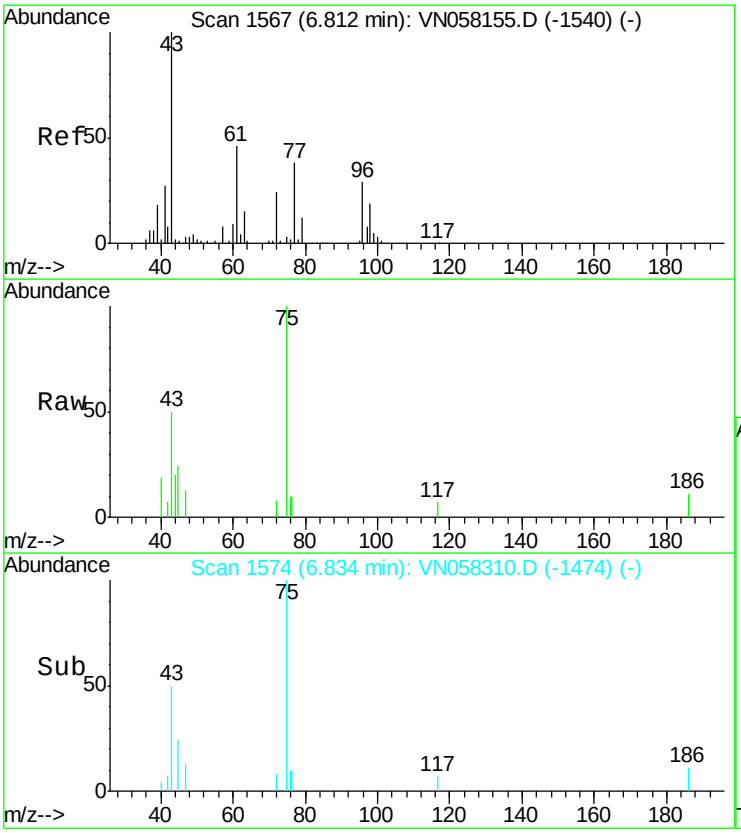
#20
Methylene Chloride
Concen: 2.331 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 10157

Ion	Ratio	Lower	Upper
84	100		
49	139.8	107.5	161.3
51	36.2	33.9	50.9
86	58.9	52.4	78.6

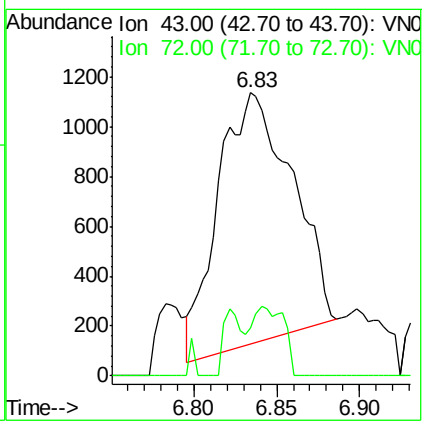


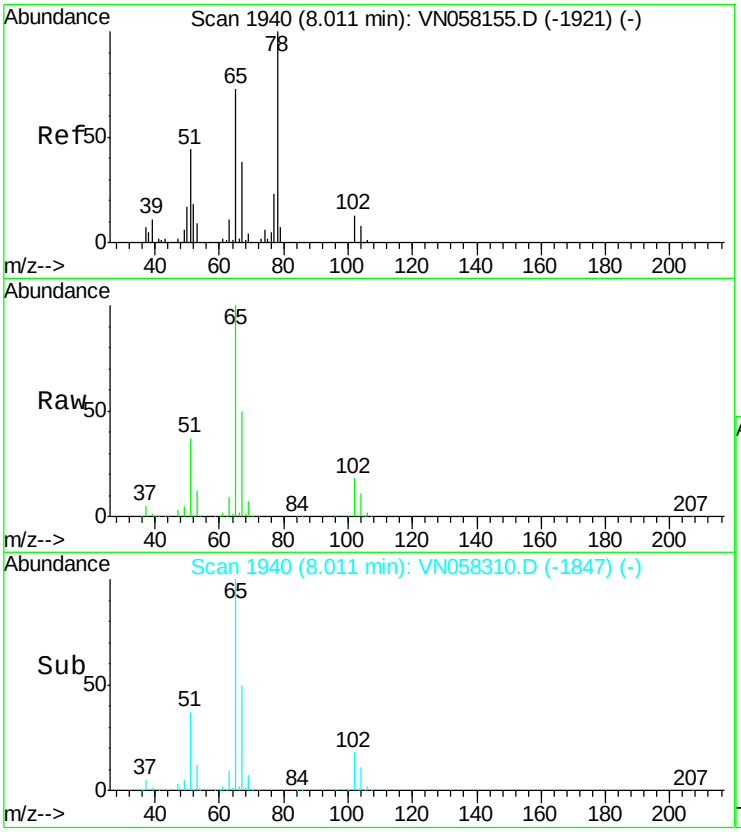


#25
2-Butanone
Concen: 1.008 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 43 Resp: 3135

Ion	Ratio	Lower	Upper
43	100		
72	21.0	19.5	29.3



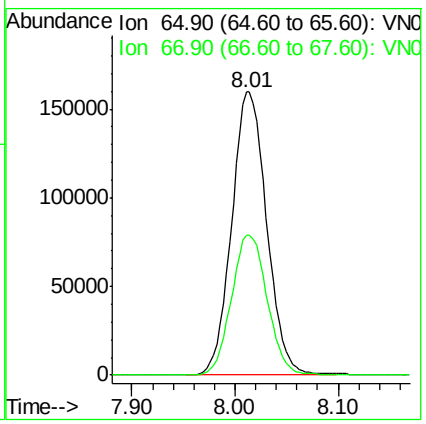


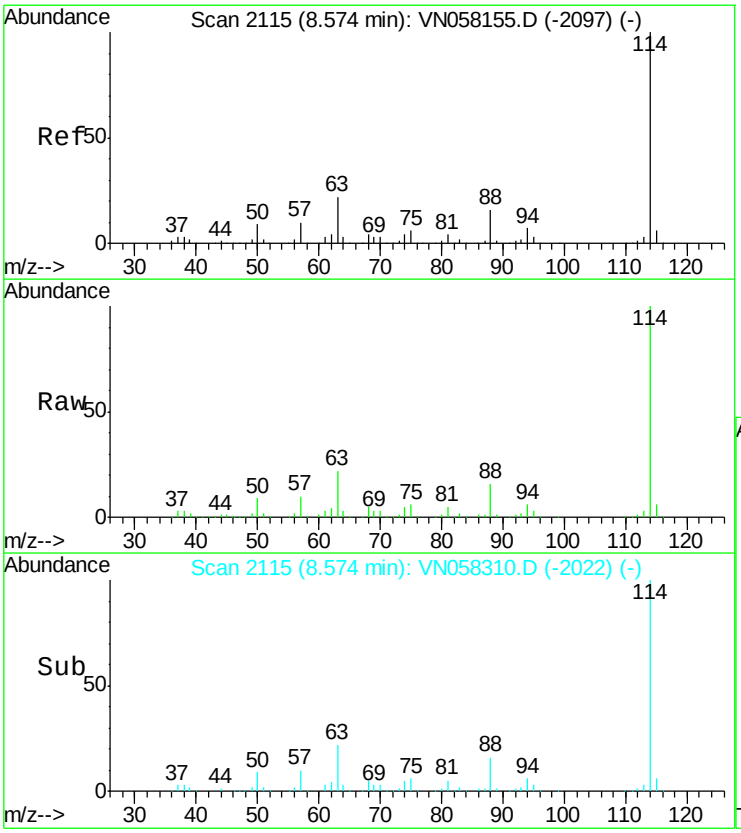
#33
1,2-Dichloroethane-d4
Concen: 56.040 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 376775

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.4

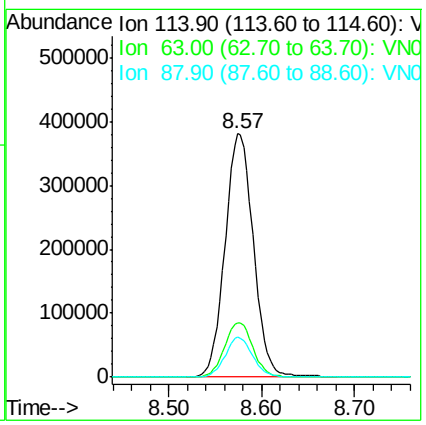


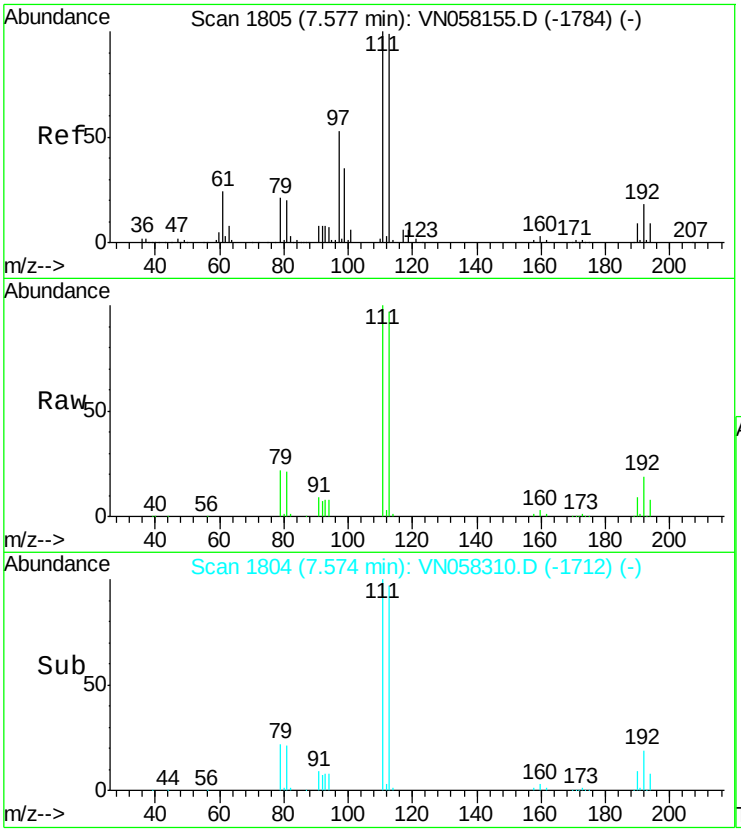


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion:114 Resp: 808897

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.2
88	16.5	0.0	31.6



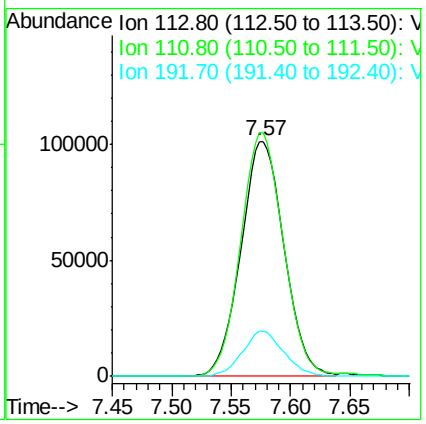


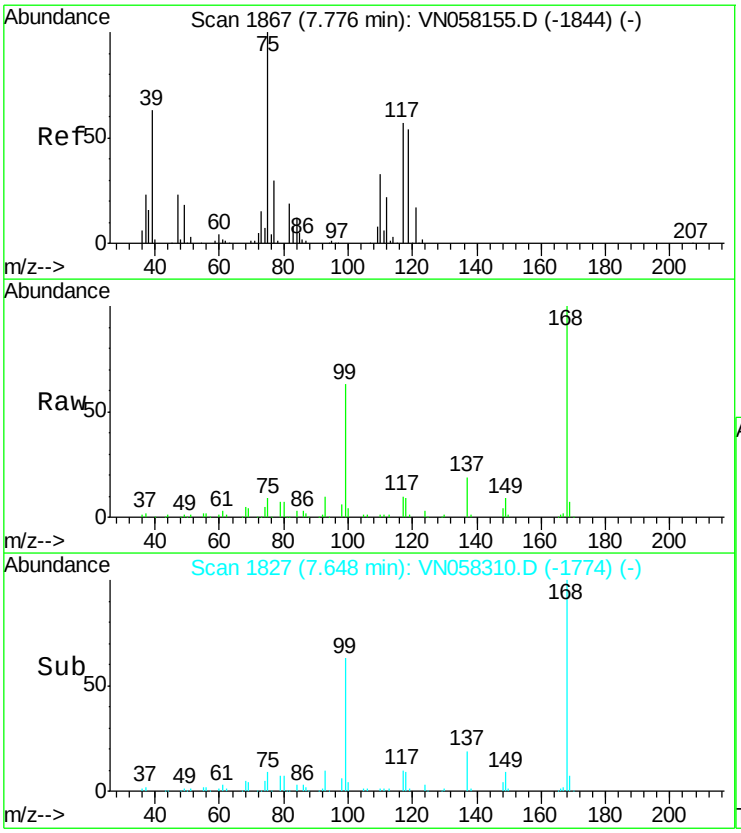
#35
Dibromofluoromethane
Concen: 51.831 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 254877

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	18.5	14.5	21.7

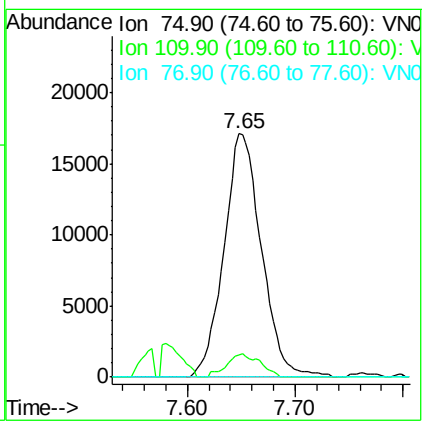


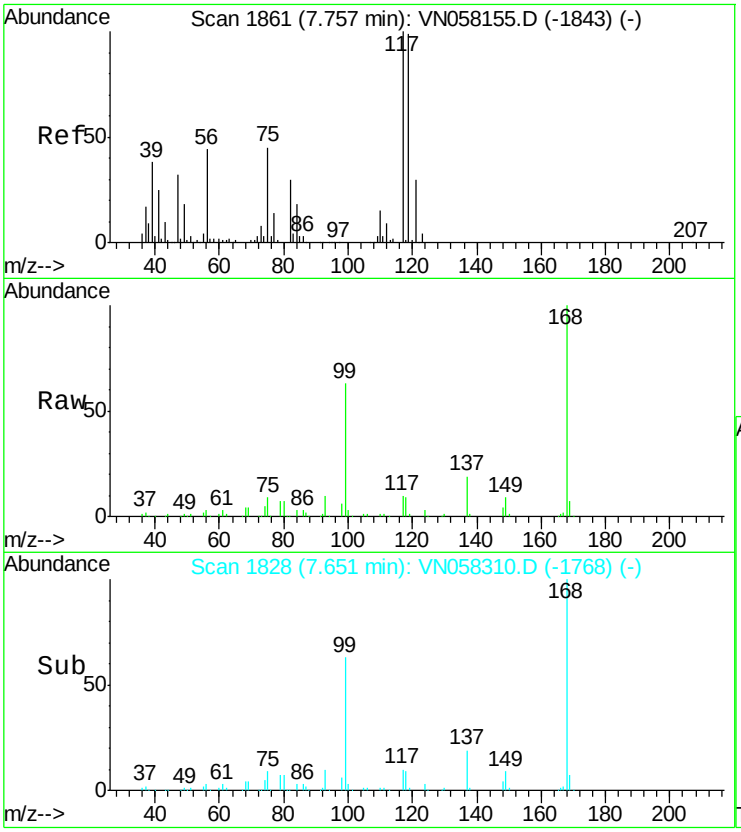


#36
1,1-Dichloropropene
Concen: 7.110 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 75 Resp: 41478

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.6	49.7#
77	0.0	24.3	36.5#



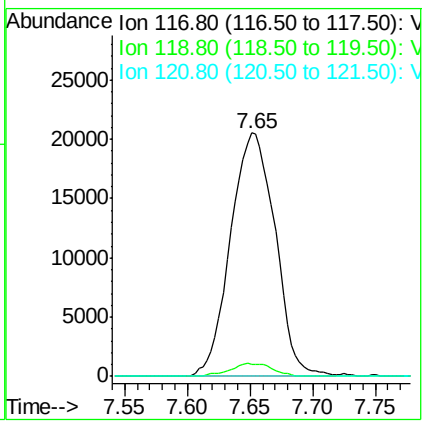


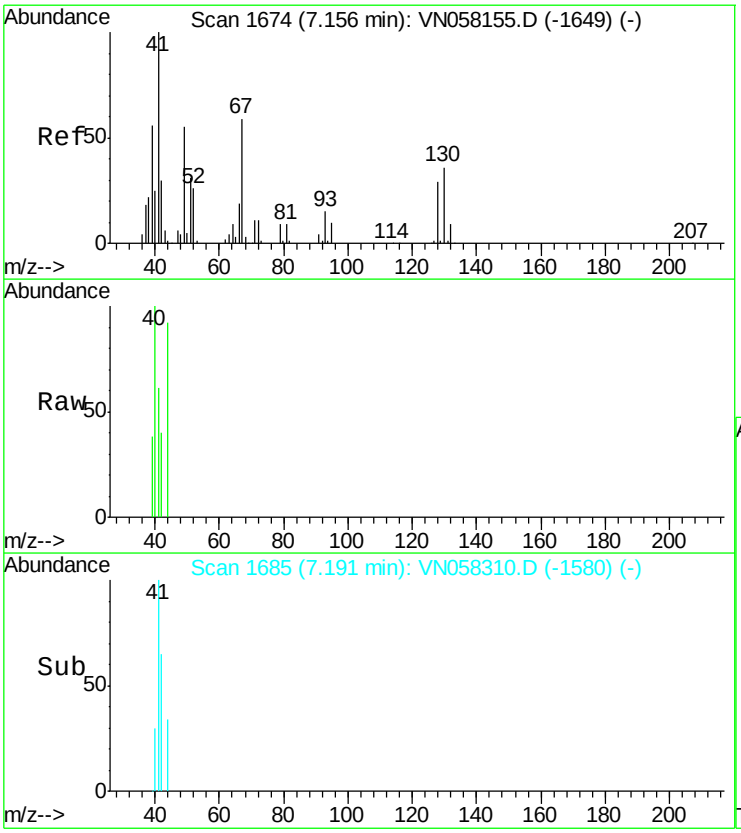
#38
Carbon Tetrachloride
Concen: 8.662 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 50794

Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.6	117.8#
121	0.0	24.1	36.1#

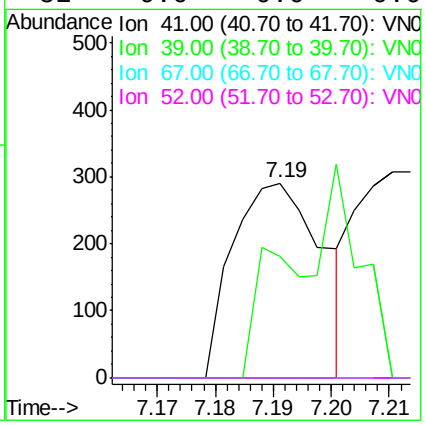


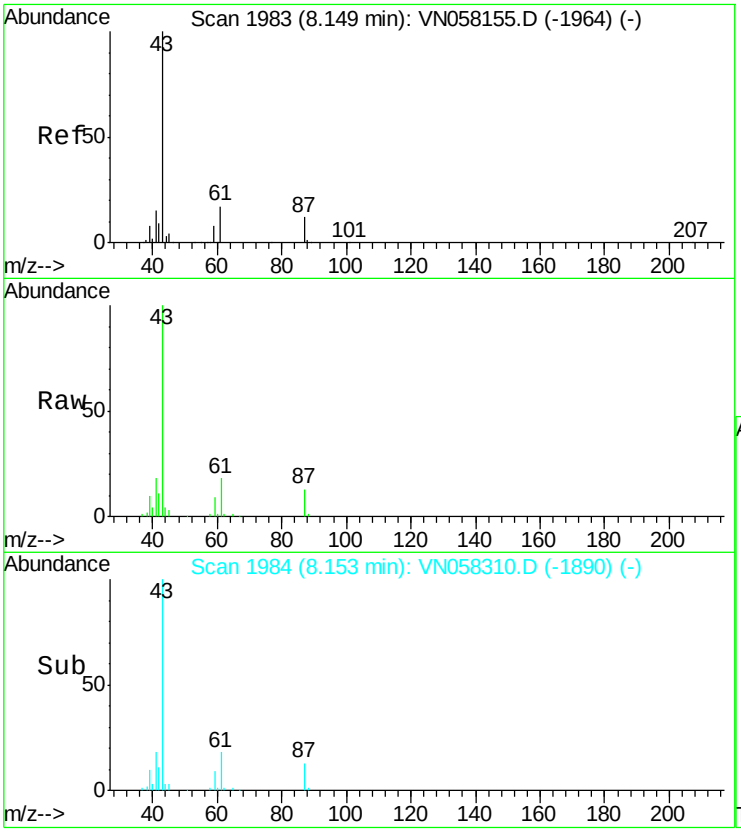


#41
Methacrylonitrile
Concen: 1.011 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 41 Resp: 311

Ion	Ratio	Lower	Upper
41	100		
39	82.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



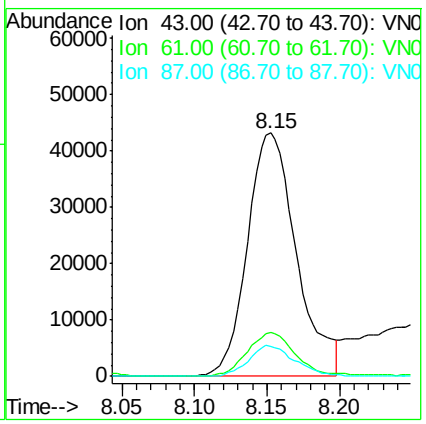


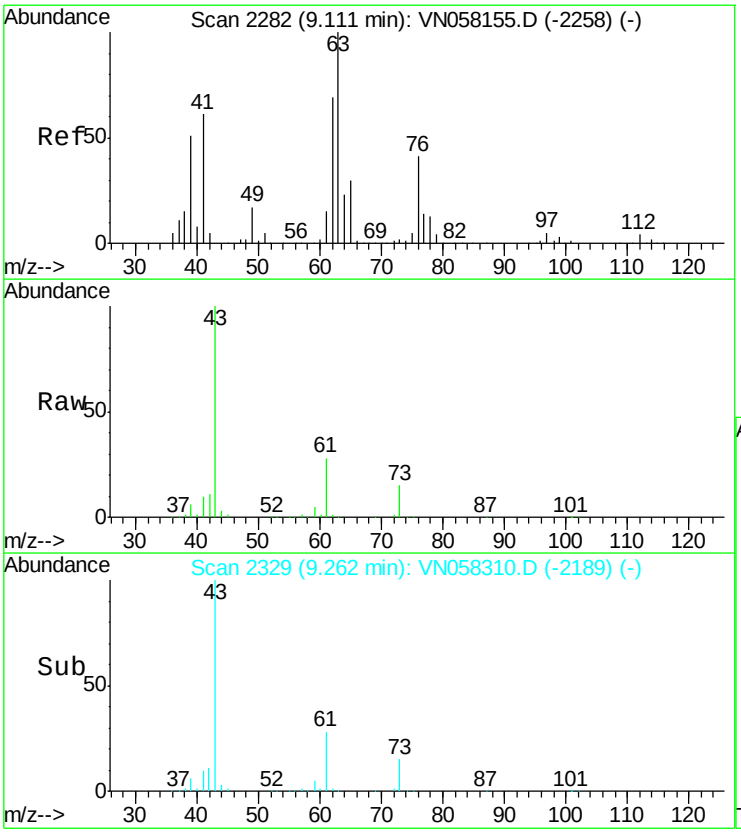
#43
Isopropyl Acetate
Concen: 9.012 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 101887

Ion	Ratio	Lower	Upper
43	100		
61	17.3	19.7	29.5#
87	11.8	9.4	14.2

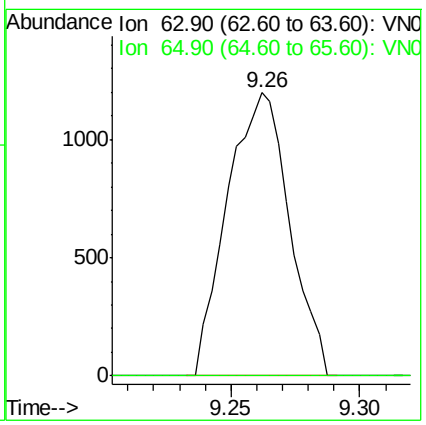


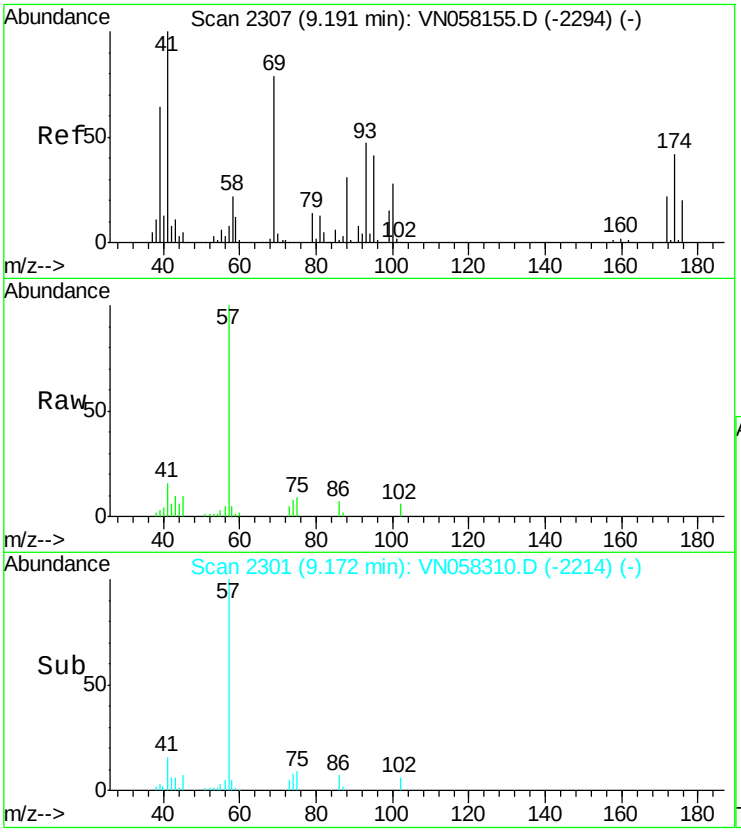


#45
1,2-Dichloropropane
Concen: 0.378 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.15 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 63 Resp: 2011

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.8	35.6#



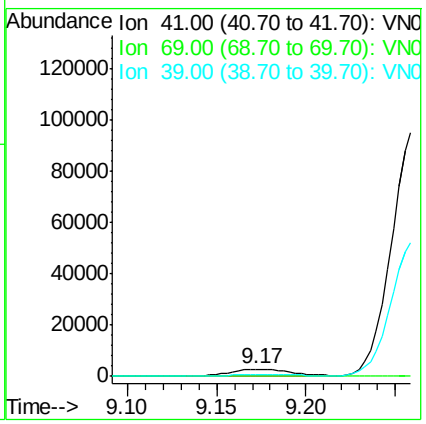


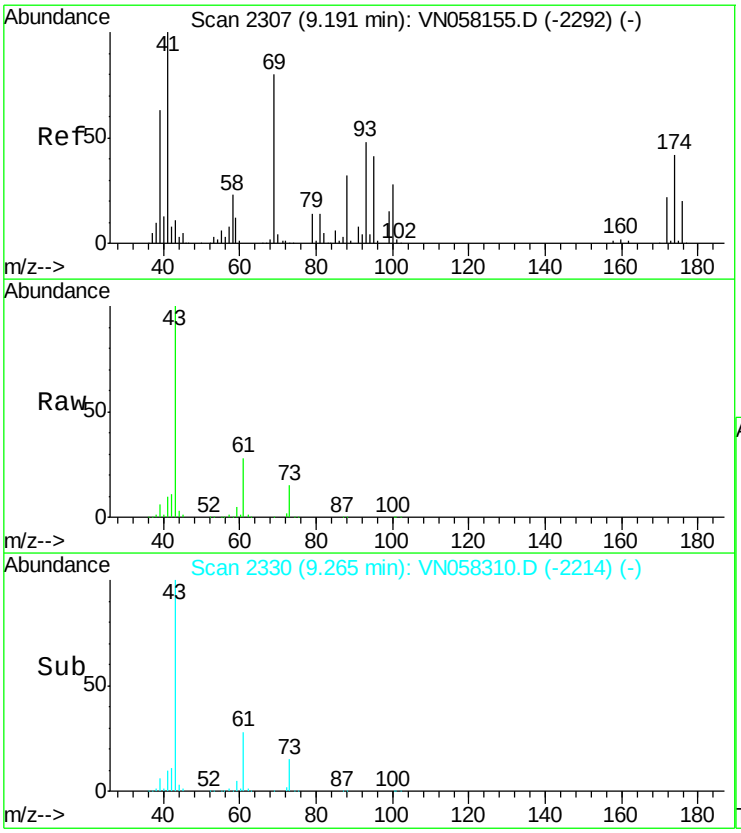
#48
Methyl methacrylate
Concen: 1.145 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 5877

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.5	93.7#
39	0.0	52.3	78.5#

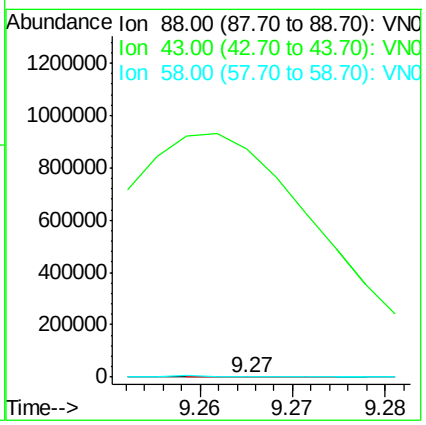


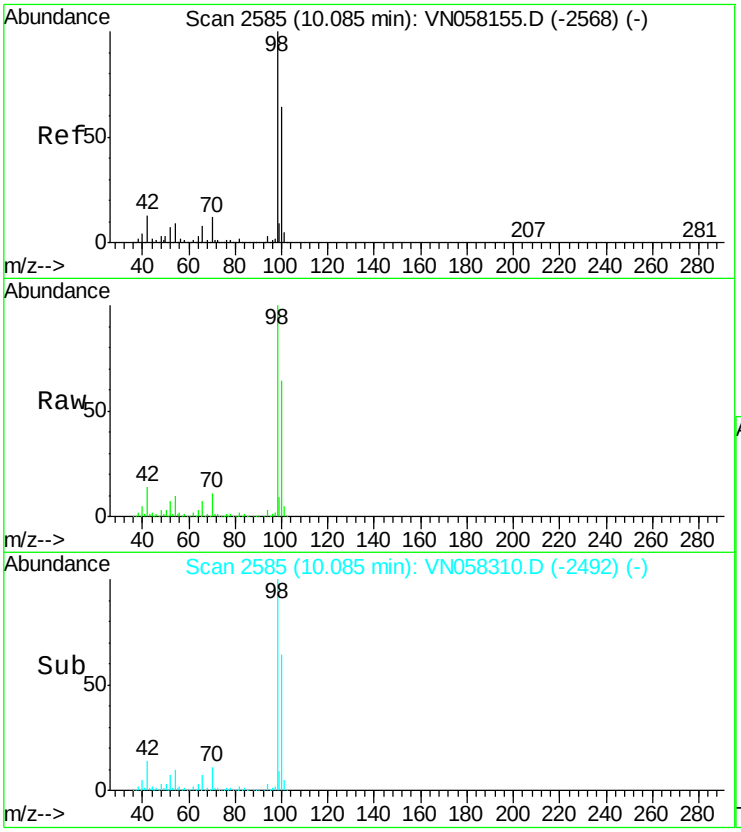


#49
1,4-Dioxane
Concen: 0.783 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	2597506.1	27.8	41.8#
58	12113.6	55.0	82.4#



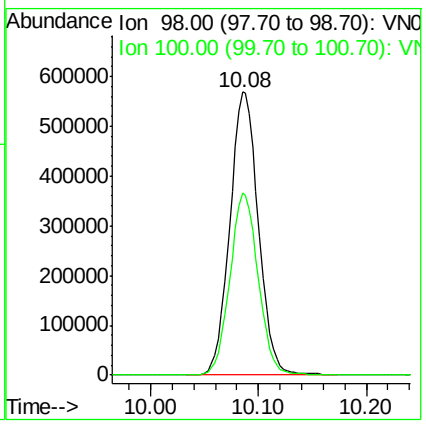


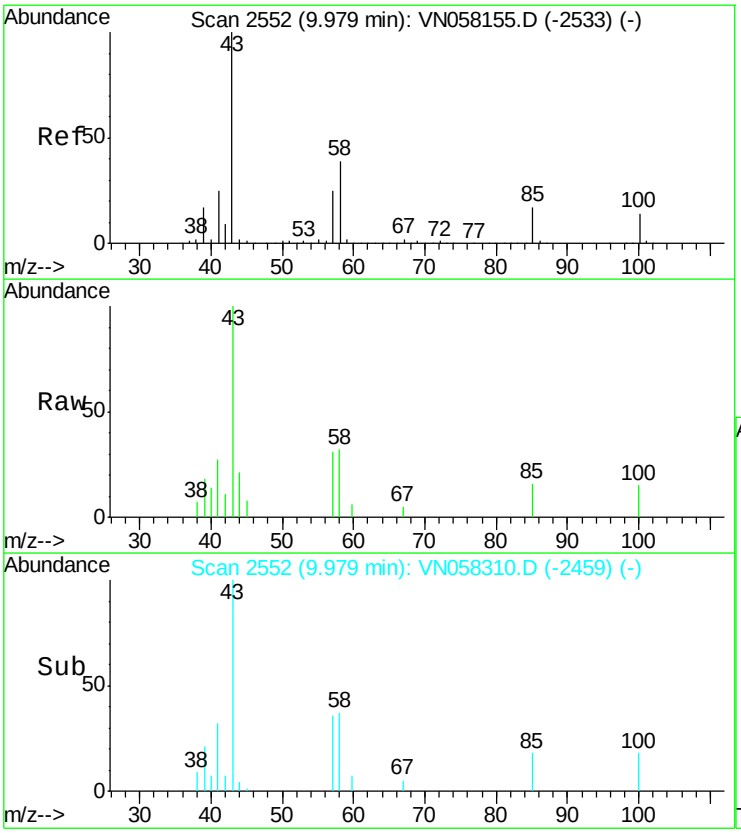
#50
Toluene-d8
Concen: 54.703 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 1048080

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7

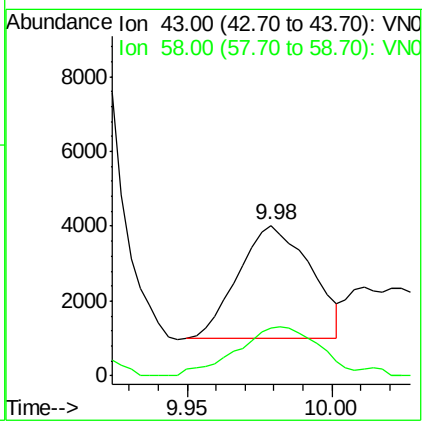


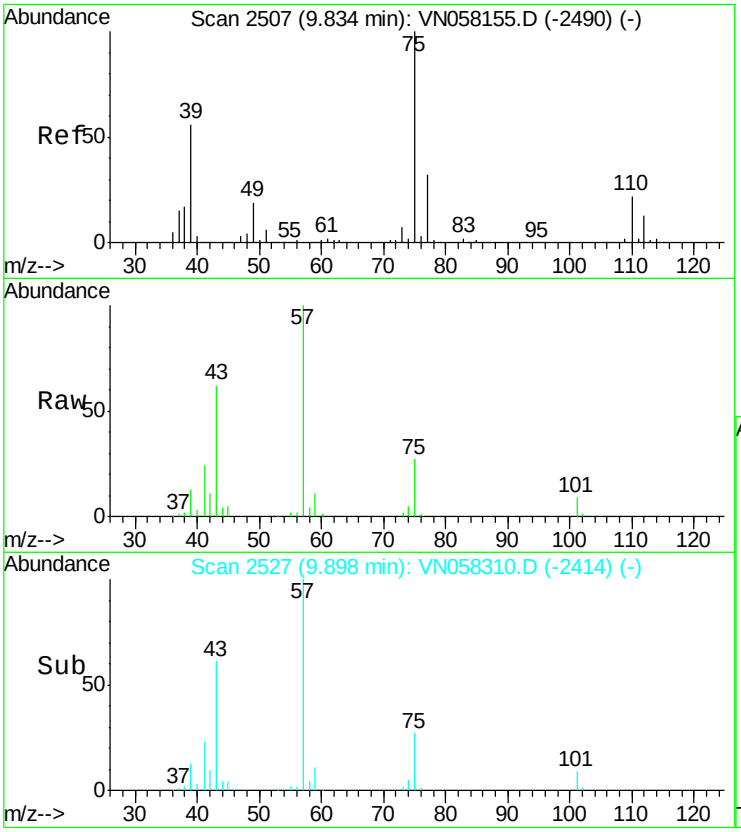


#51
4-Methyl-2-Pentanone
Concen: 0.868 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 43 Resp: 5212

Ion	Ratio	Lower	Upper
43	100		
58	49.3	30.2	45.4#



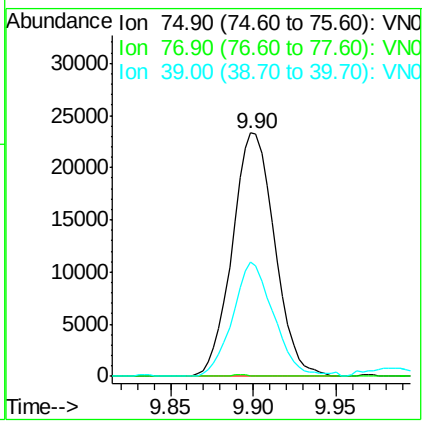


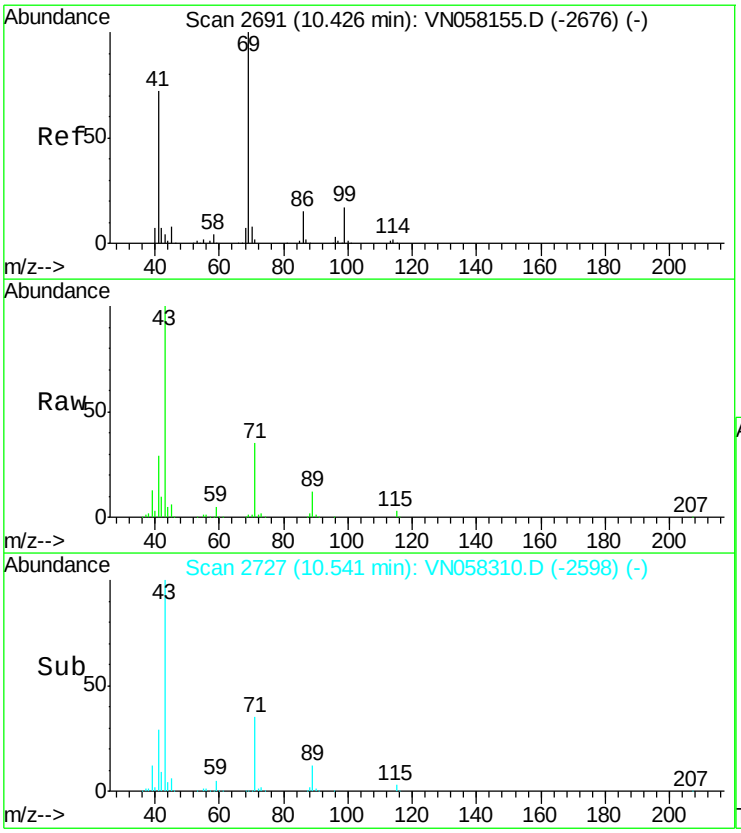
#54
cis-1,3-Dichloropropene
Concen: 5.414 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.06 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 41499

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
39	47.2	45.0	67.6

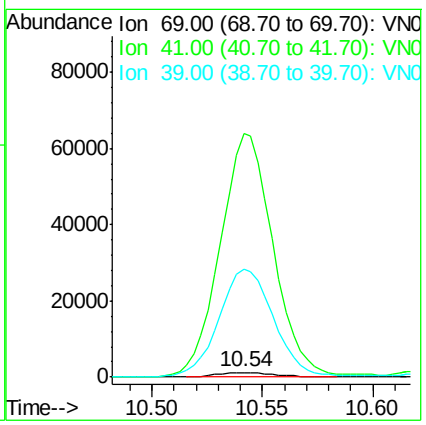


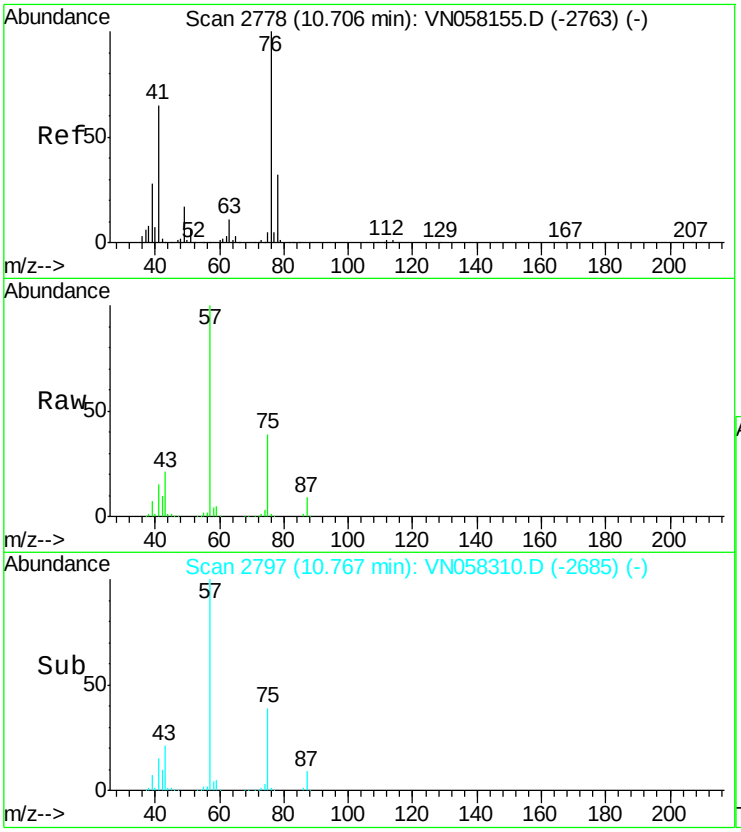


#56
Ethyl methacrylate
Concen: 0.300 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.12 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 69 Resp: 2148

Ion	Ratio	Lower	Upper
69	100		
41	4963.6	57.5	86.3#
39	2275.3	36.1	54.1#



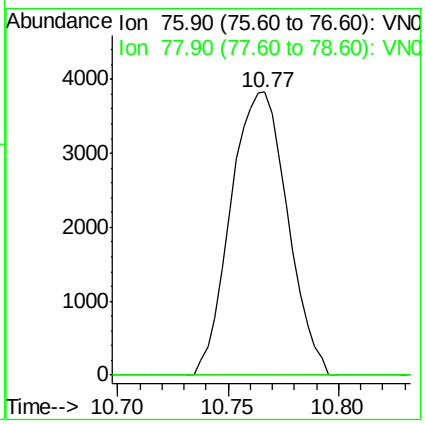


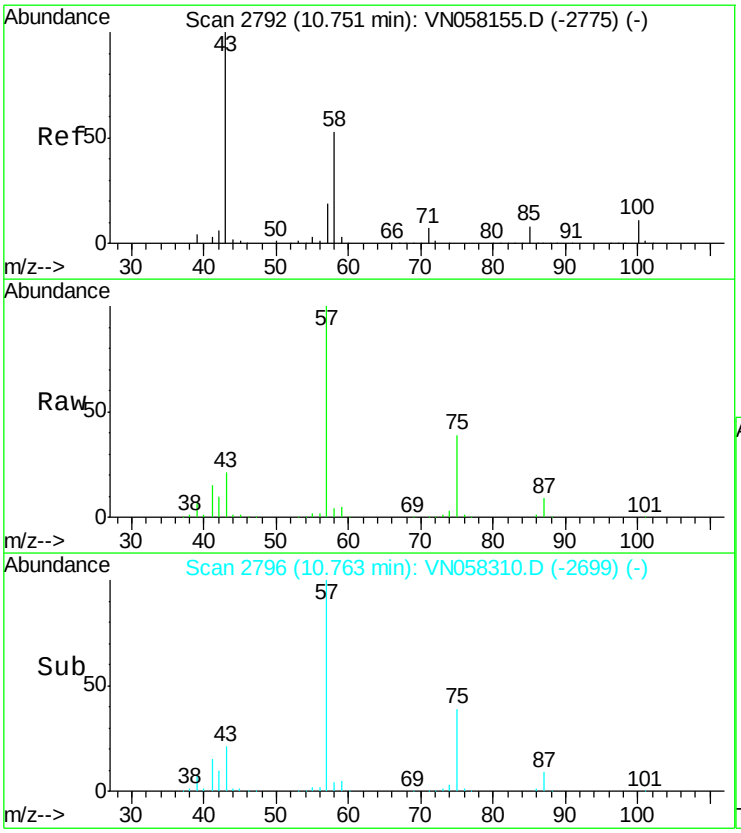
#57
1,3-Dichloropropane
Concen: 0.803 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 6840

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#

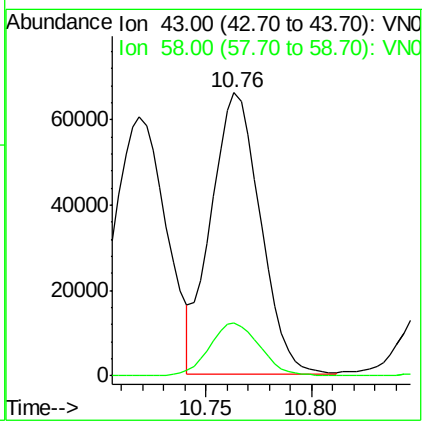


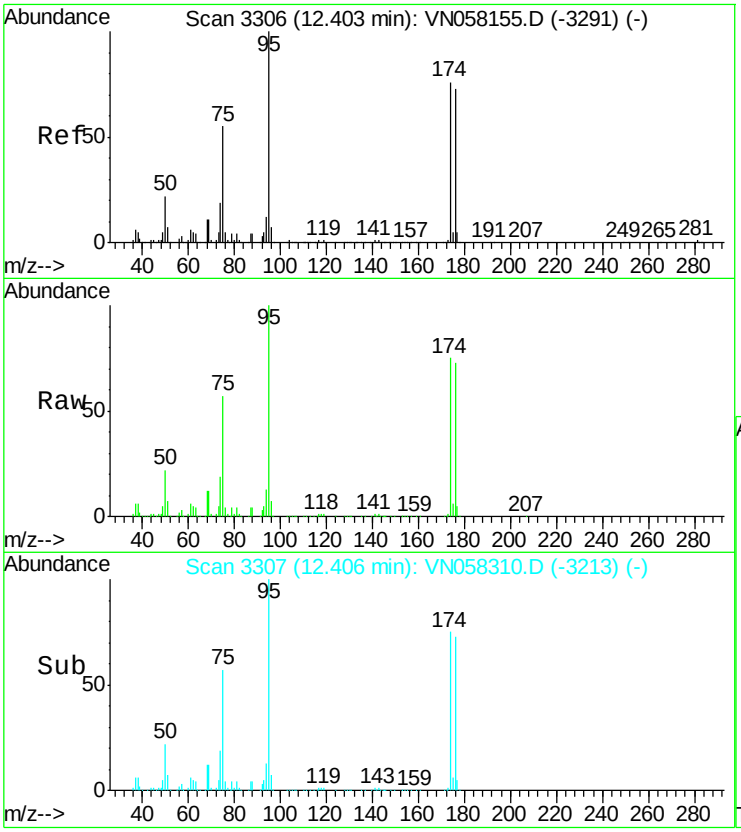


#59
2-Hexanone
Concen: 23.936 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 43 Resp: 106757

Ion	Ratio	Lower	Upper
43	100		
58	19.3	26.0	78.0#



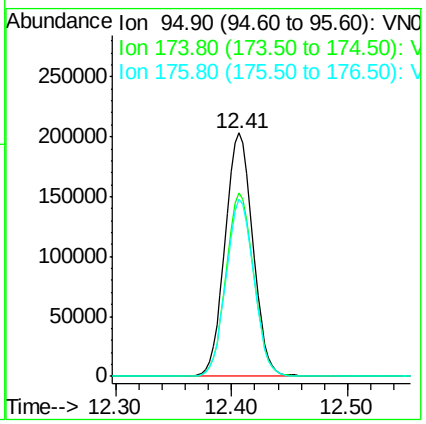


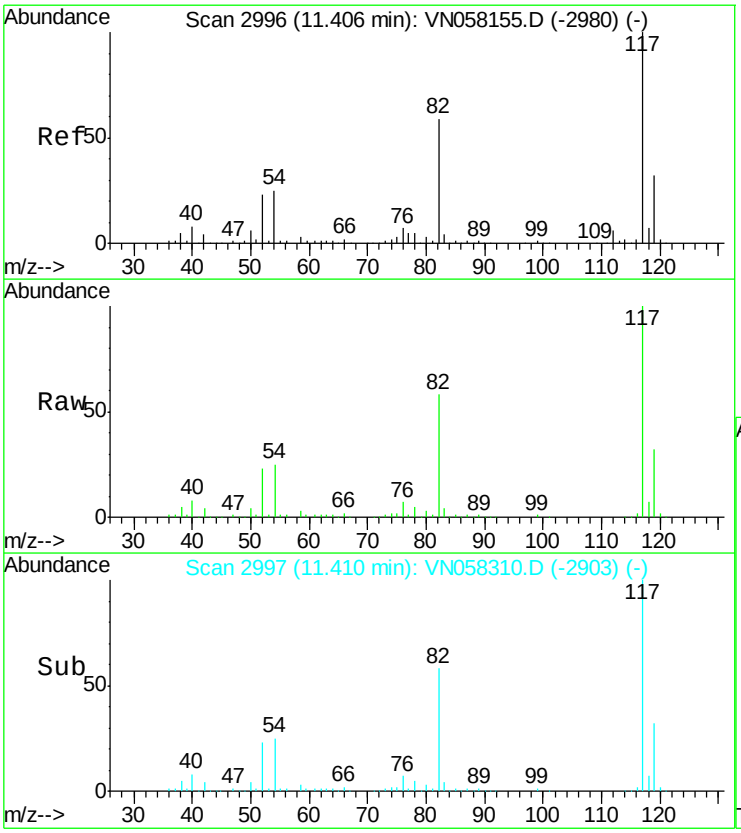
#62
4-Bromofluorobenzene
Concen: 47.087 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 335119

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	152.2
176	73.0	0.0	148.0

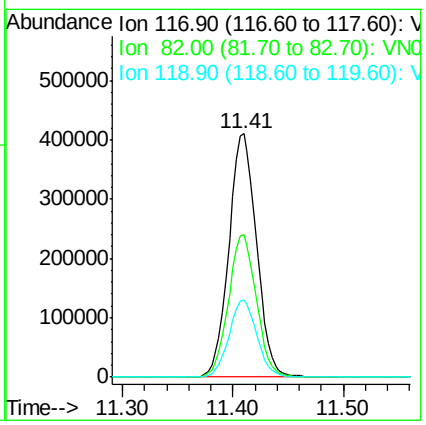


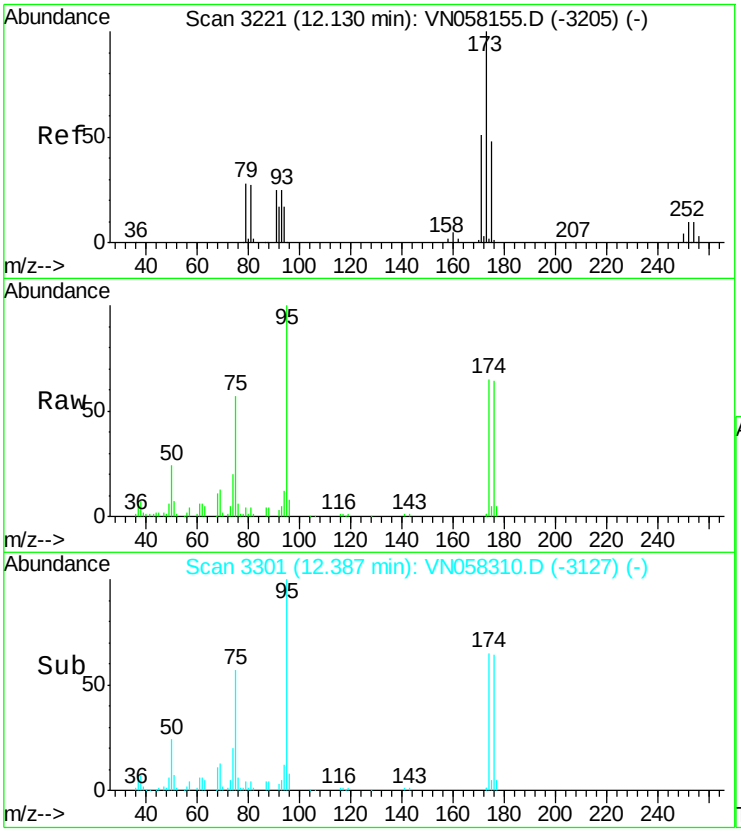


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion:117 Resp: 714141

Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.9	70.3
119	31.8	25.3	37.9



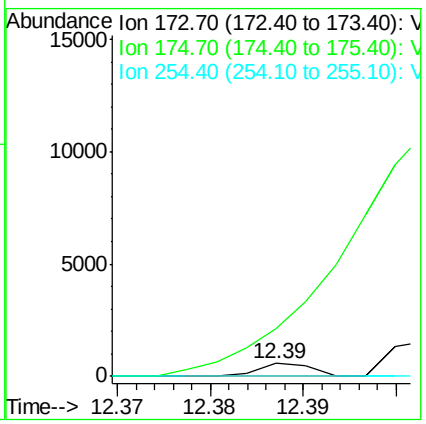


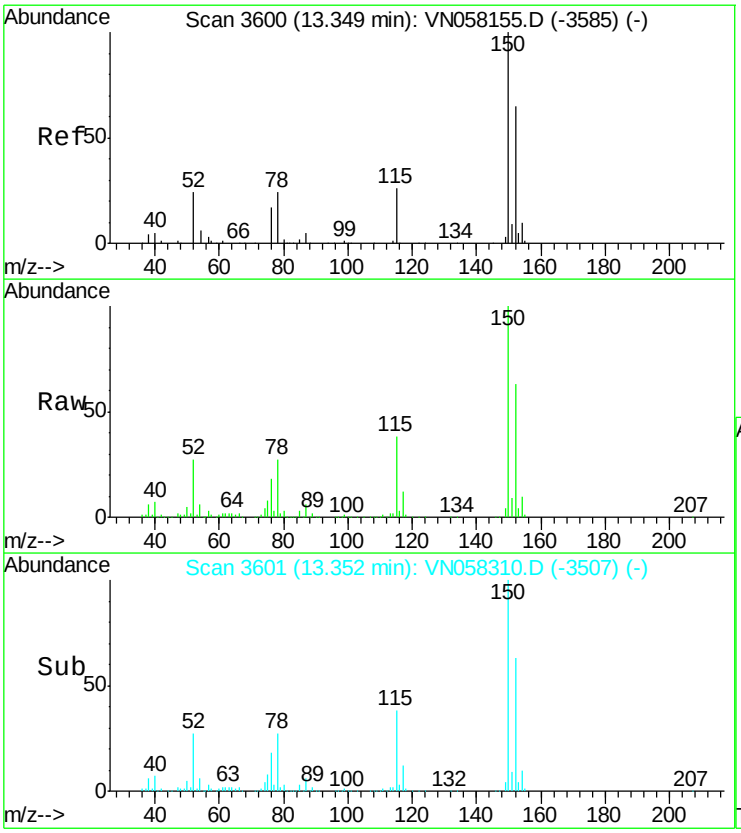
#71
Bromoform
Concen: 3.660 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 237

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

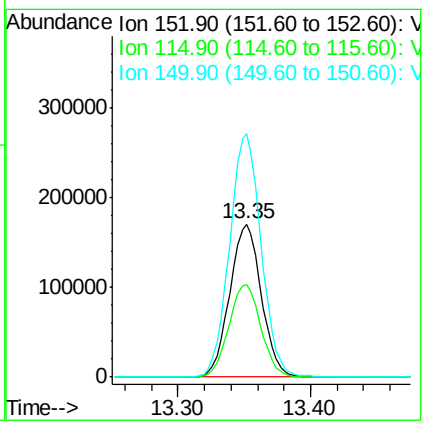


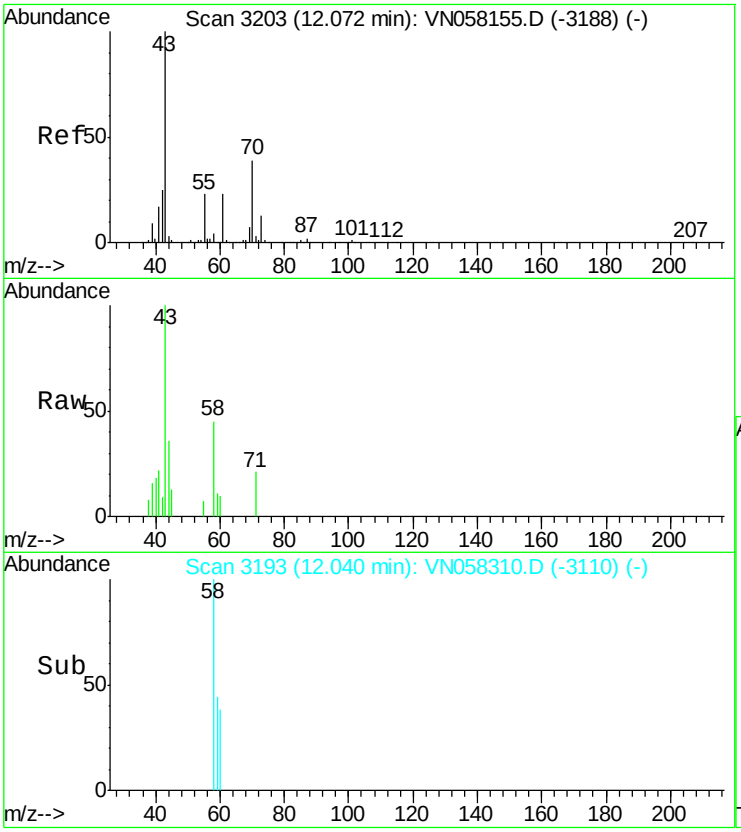


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion:152 Resp: 281797

Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.1	90.3
150	158.9	0.0	346.4



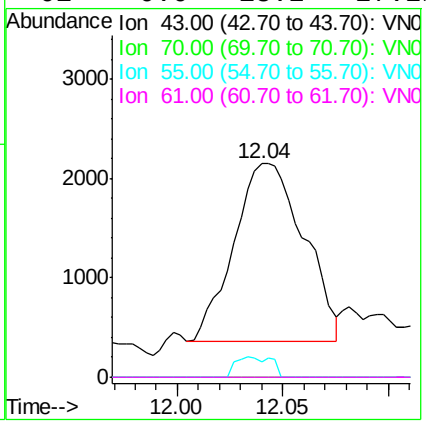


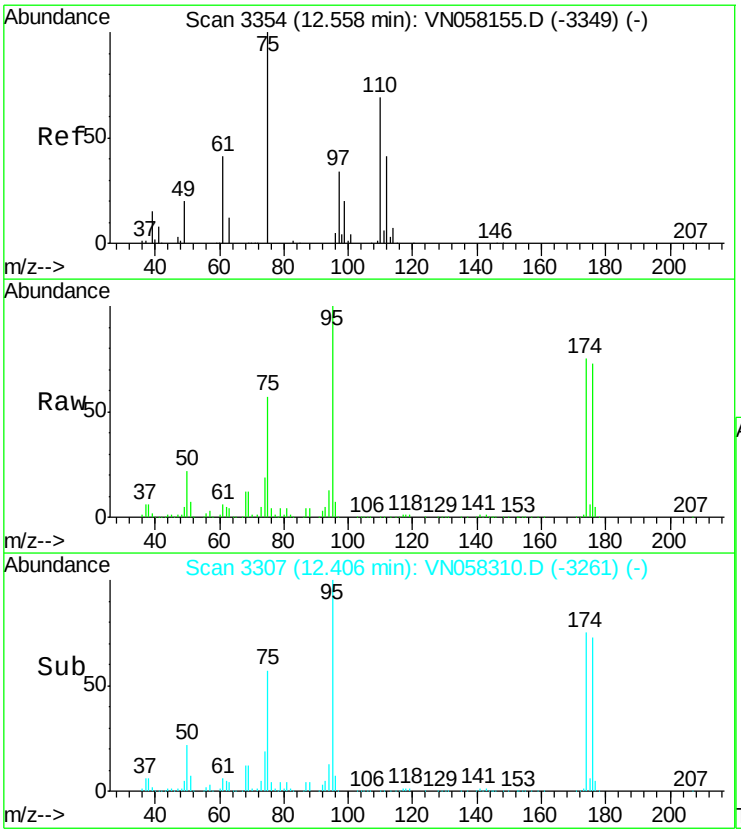
#74
N-amyl acetate
Concen: 0.560 ug/l
RT: 12.04 min Scan# 3193
Delta R.T. -0.03 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4132

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.0	46.6#
55	6.0	18.5	27.7#
61	0.0	18.2	27.2#

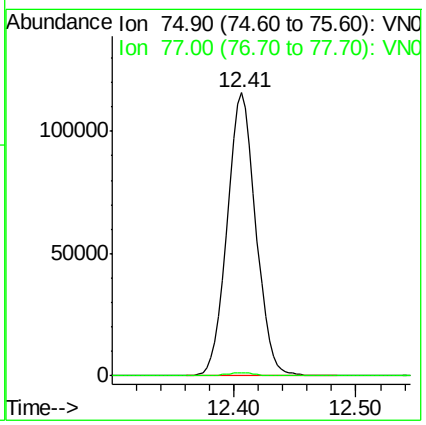


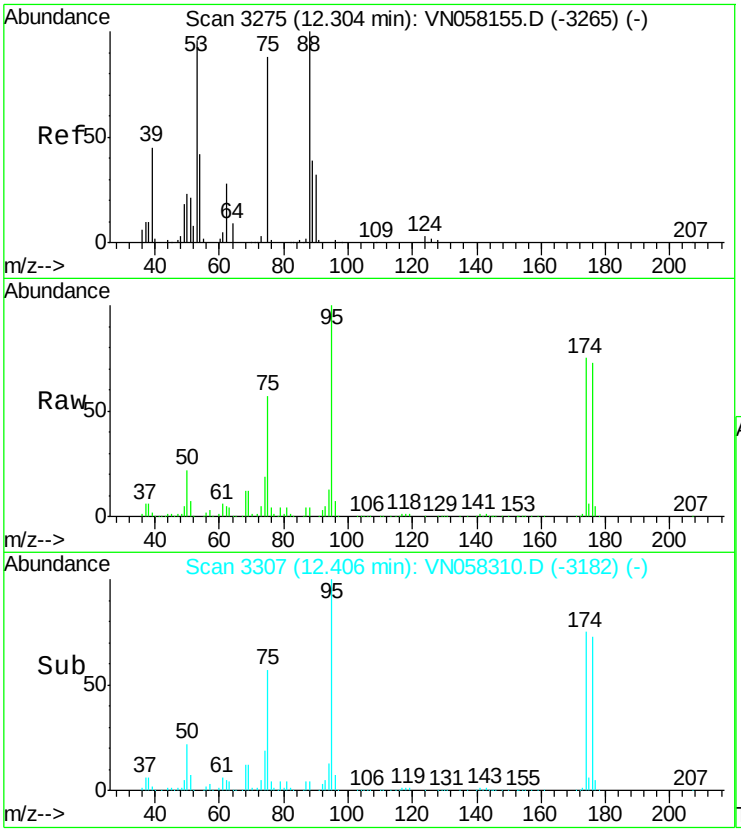


#76
1,2,3-Trichloropropane
Concen: 37.572 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 75 Resp: 189486

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



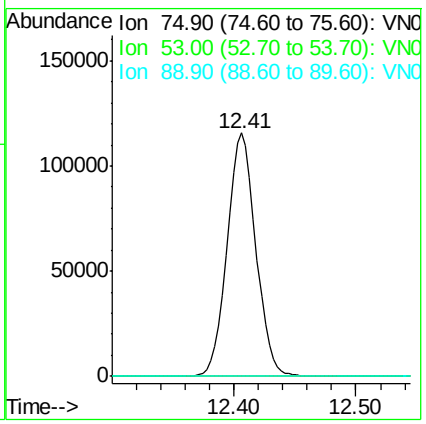


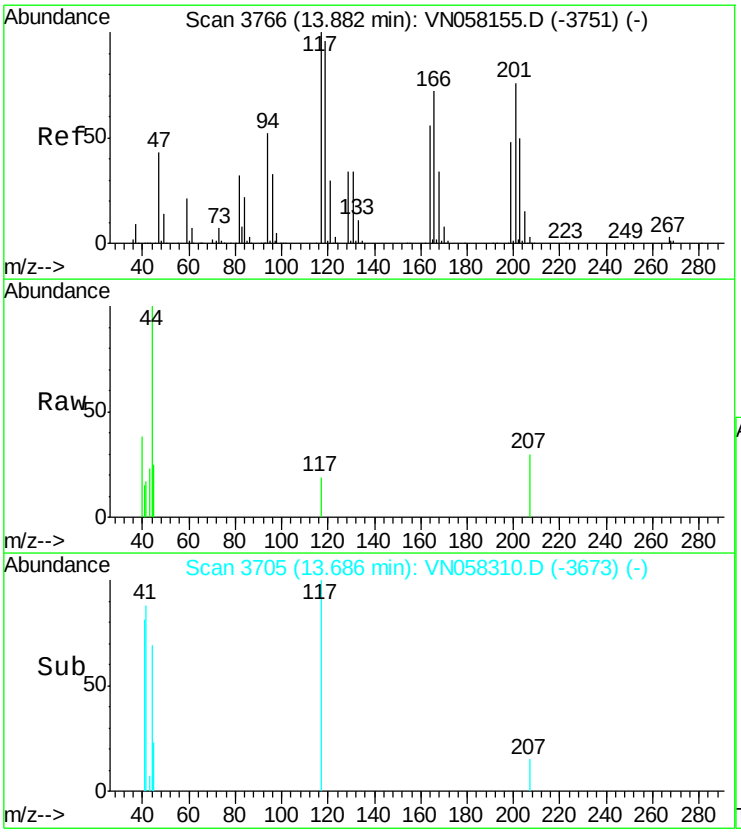
#81
trans-1,4-Dichloro-2-butene
Concen: 104.677 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 189486

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





#90
Hexachloroethane
Concen: 2.847 ug/l
RT: 13.69 min Scan# 3705
Delta R.T. -0.20 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion:117 Resp: 70

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.5	112.5#