Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041719\
Data File : VN055098.D
Acq On : 17 Apr 2019 11:45
Operator : JC/SP
Sample : K2197-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Apr 18 03:02:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	502245	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	802921	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	674514	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217806	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	320983	48.08 ug/l	0.00
Spiked Amount 50.000			Recovery =	96.16%	
35) Dibromofluoromethane	7.59	113	260609	48.57 ug/l	0.00
Spiked Amount 50.000			Recovery =	97.14%	
50) Toluene-d8	10.09	98	975364	50.79 ug/l	0.00
Spiked Amount 50.000			Recovery =	101.58%	
62) 4-Bromofluorobenzene	12.40	95	280952	45.00 ug/l	0.00
Spiked Amount 50.000			Recovery =	90.00%	
Target Compounds					Qvalue
14) Allyl chloride	4.54	41	54547	5.590 ug/l #	27
16) Acetone	3.82	43	3414	1.884 ug/l #	86
18) Methyl Acetate	4.34	43	3903	0.313 ug/l #	89
20) Methylene Chloride	4.54	84	1263228	198.315 ug/l	98
29) Tetrahydrofuran	7.23	42	929	0.524 ug/l #	55
30) Chloroform	7.38	83	2736	0.264 ug/l	94
31) Cyclohexane	7.66	56	10711	Below Cal #	1
36) 1,1-Dichloropropene	7.66	75	38002	5.021 ug/l #	50
38) Carbon Tetrachloride	7.66	117	46577	6.468 ug/l #	17
43) Isopropyl Acetate	8.18	43	13157	1.386 ug/l #	96
48) Methyl methacrylate	9.18	41	7418	1.576 ug/l #	17
51) 4-Methyl-2-Pentanone	9.98	43	4340	0.791 ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	45976	5.678 ug/l #	66
57) 1,3-Dichloropropane	10.76	76	8724	1.018 ug/l #	43
59) 2-Hexanone	10.76	43	137605	39.939 ug/l #	55
68) m/p-Xylenes	11.62	106	1787	0.204 ug/l	98
74) N-amyl acetate	11.88	43	12277	2.257 ug/l #	57
76) 1,2,3-Trichloropropane	12.40	75	142432	36.365 ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4773	0.306 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	142432	145.420 ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	5246	0.355 ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	658	2.864 ug/l	71
95) Naphthalene	15.13	128	7004	3.921 ug/l #	96
96) 1,2,3-Trichlorobenzene	15.32	180	665	0.234 ug/l #	81

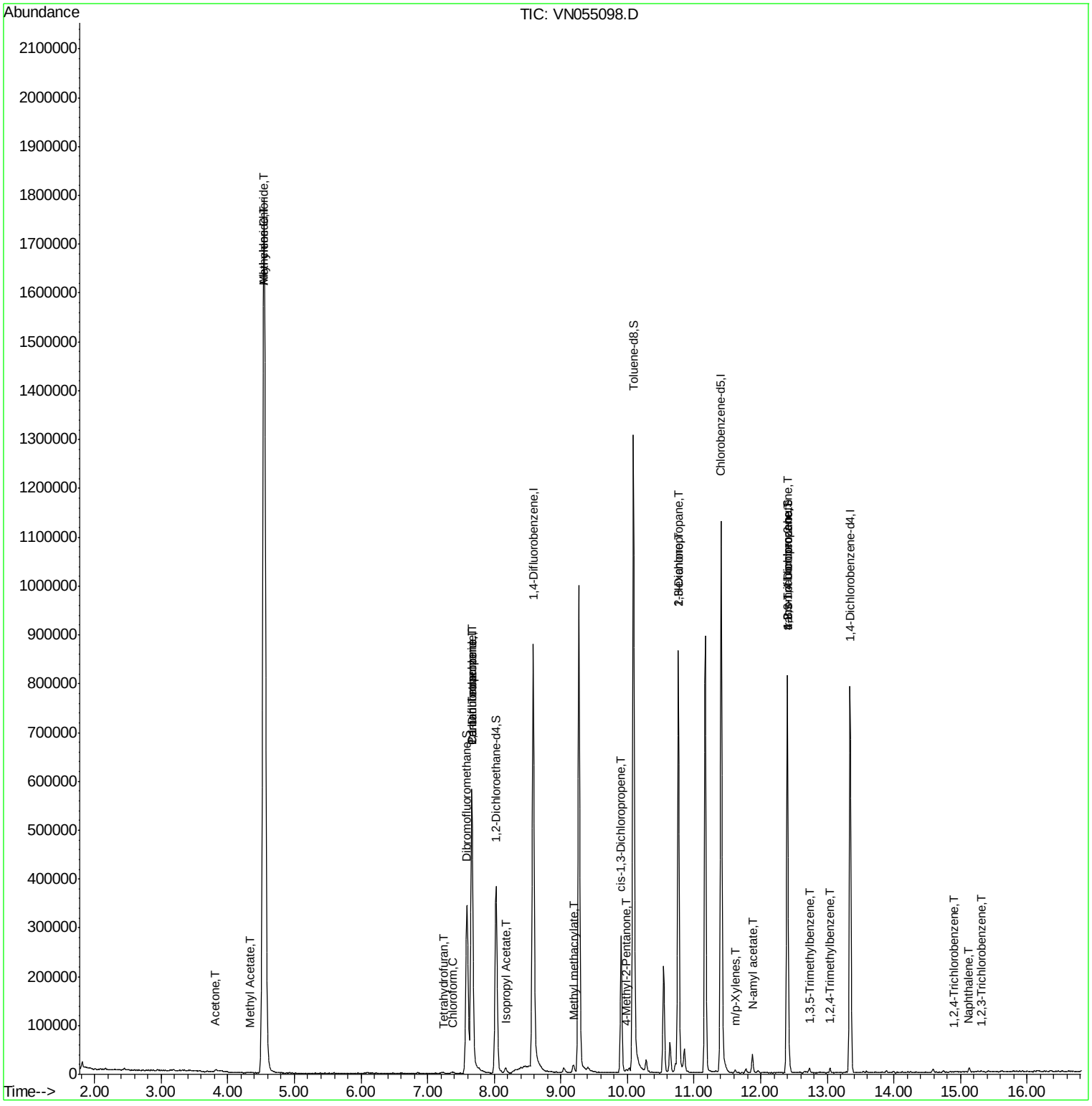
(#) = qualifier out of range (m) = manual integration (+) = signals summed

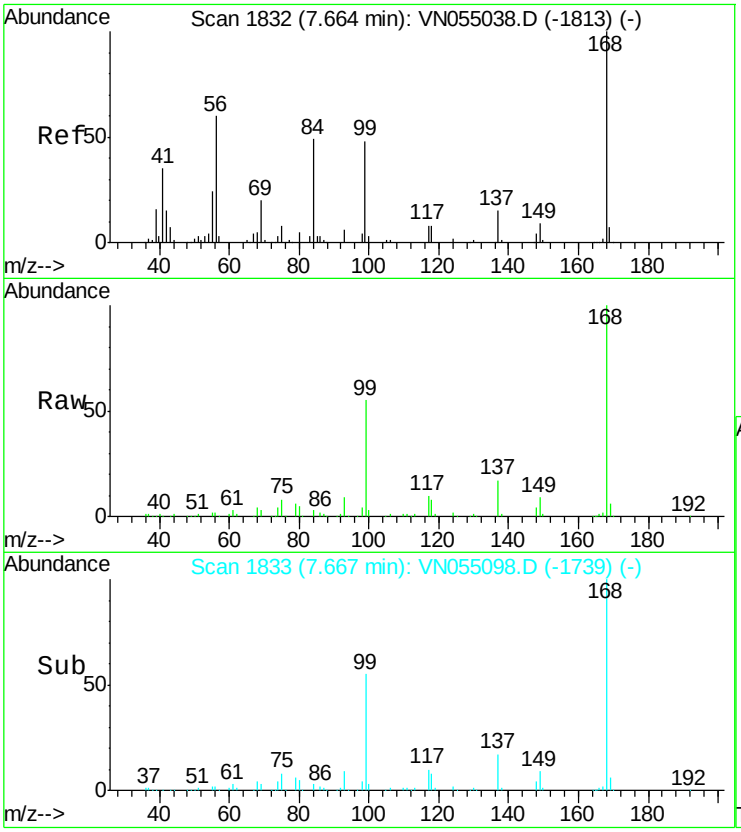
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041719\
Data File : VN055098.D
Acq On : 17 Apr 2019 11:45
Operator : JC/SP
Sample : K2197-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 18 03:02:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration



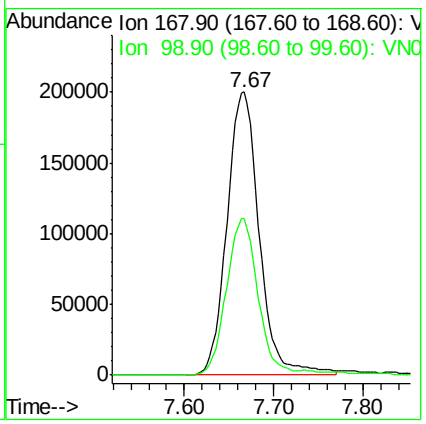


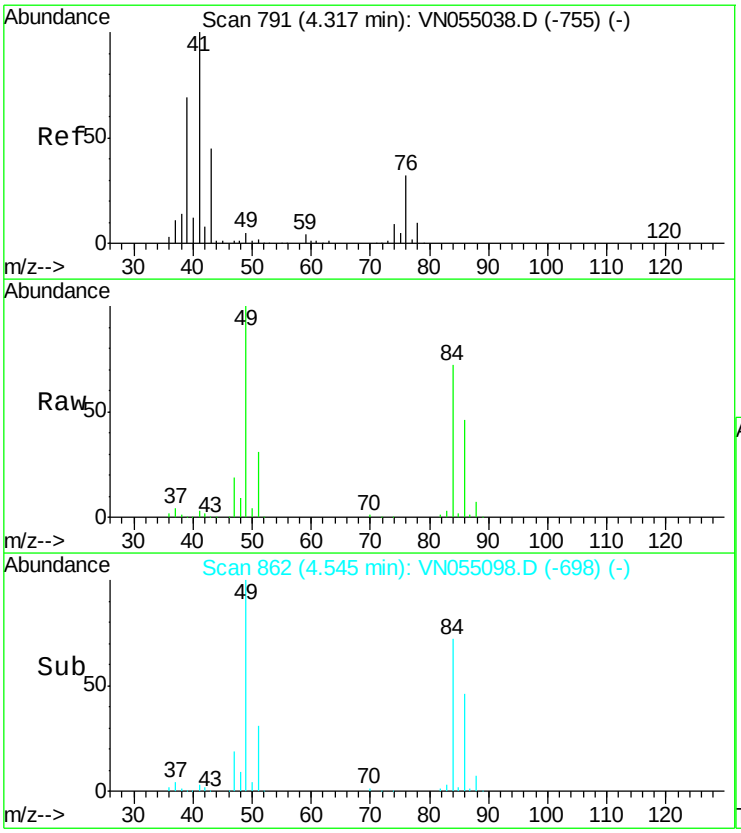
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 502245

Ion	Ratio	Lower	Upper
168	100		
99	55.2	41.9	62.9

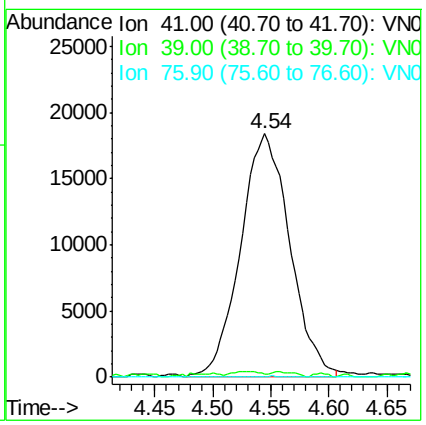


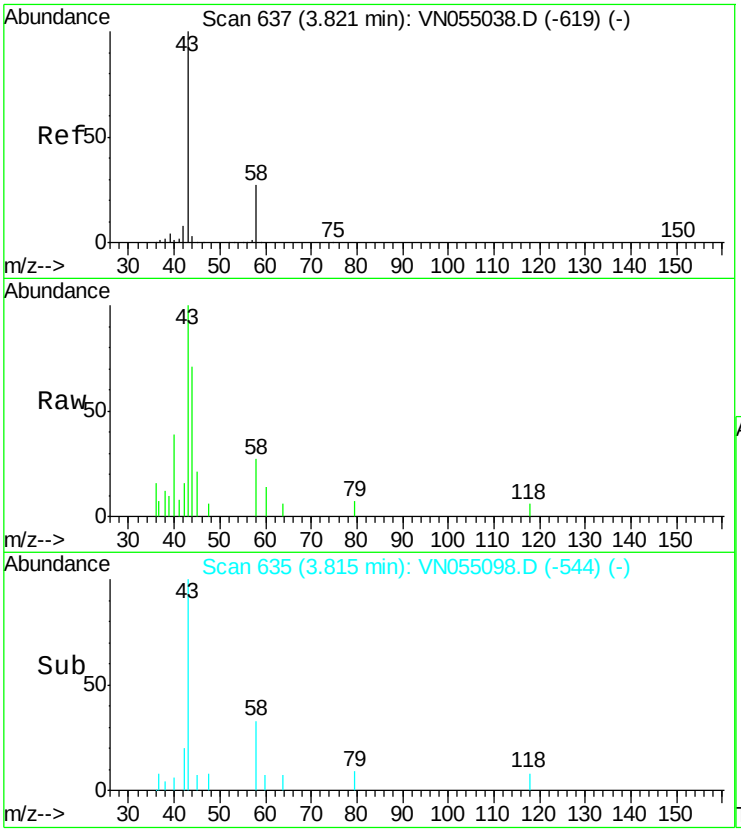


#14
Allyl chloride
Concen: 5.590 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion: 41 Resp: 54547

Ion	Ratio	Lower	Upper
41	100		
39	1.0	52.7	79.1#
76	0.0	23.2	34.8#



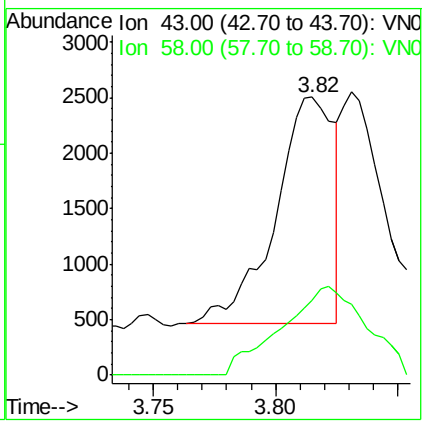


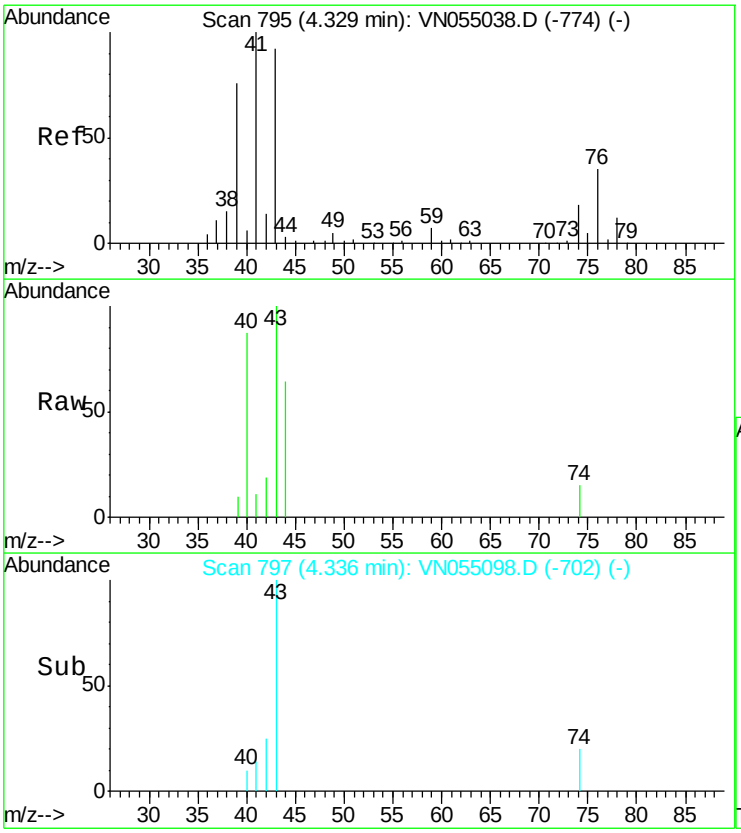
#16
Acetone
Concen: 1.884 ug/l
RT: 3.82 min Scan# 635
Delta R.T. -0.01 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3414

Ion	Ratio	Lower	Upper
43	100		
58	33.2	20.9	31.3#

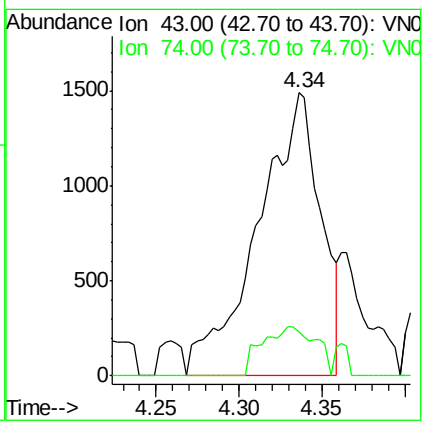


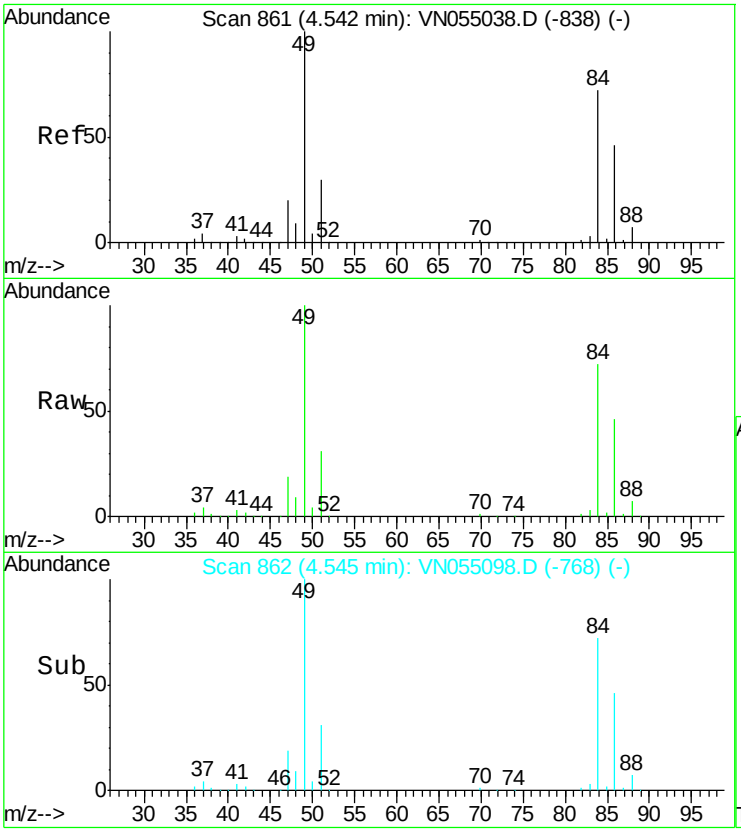


#18
Methyl Acetate
Concen: 0.313 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion: 43 Resp: 3903

Ion	Ratio	Lower	Upper
43	100		
74	14.9	16.1	24.1#



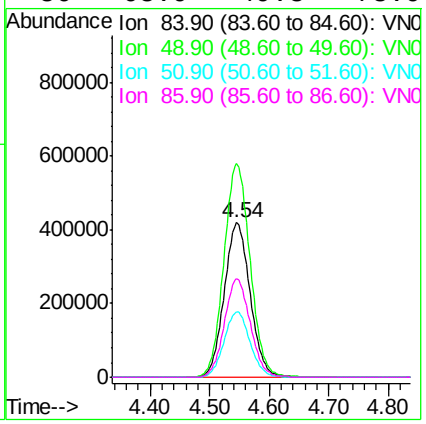


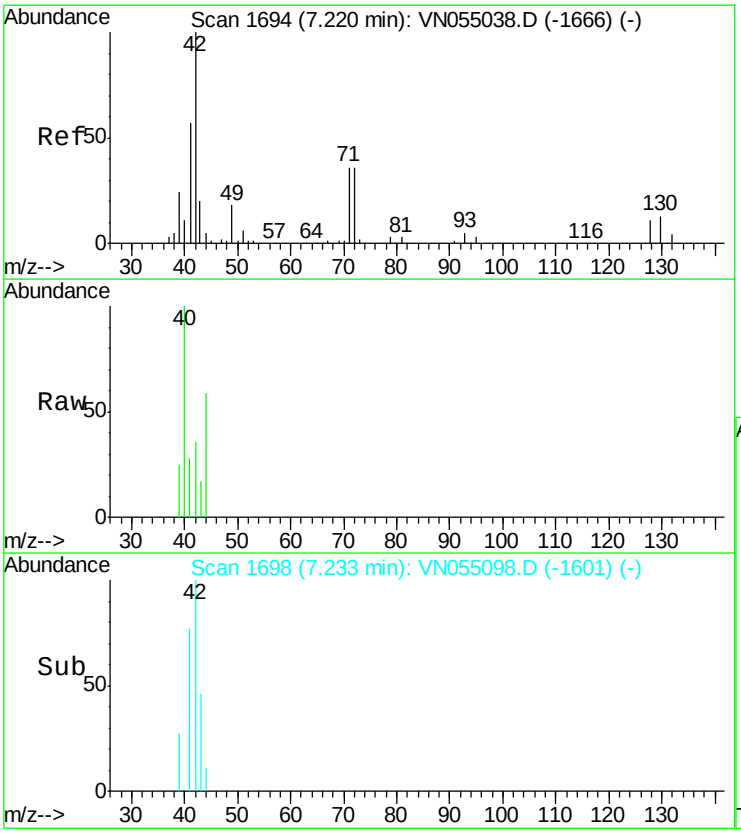
#20
Methylene Chloride
Concen: 198.315 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 1263228

Ion	Ratio	Lower	Upper
84	100		
49	138.4	109.4	164.2
51	42.6	32.2	48.4
86	63.9	49.3	73.9

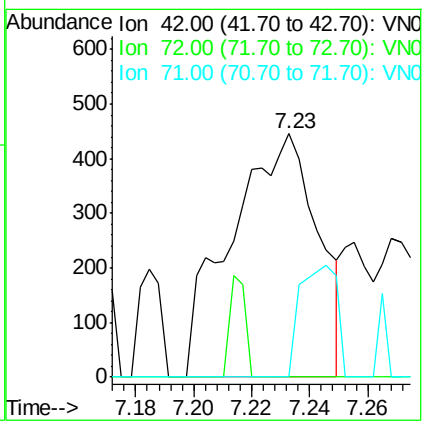


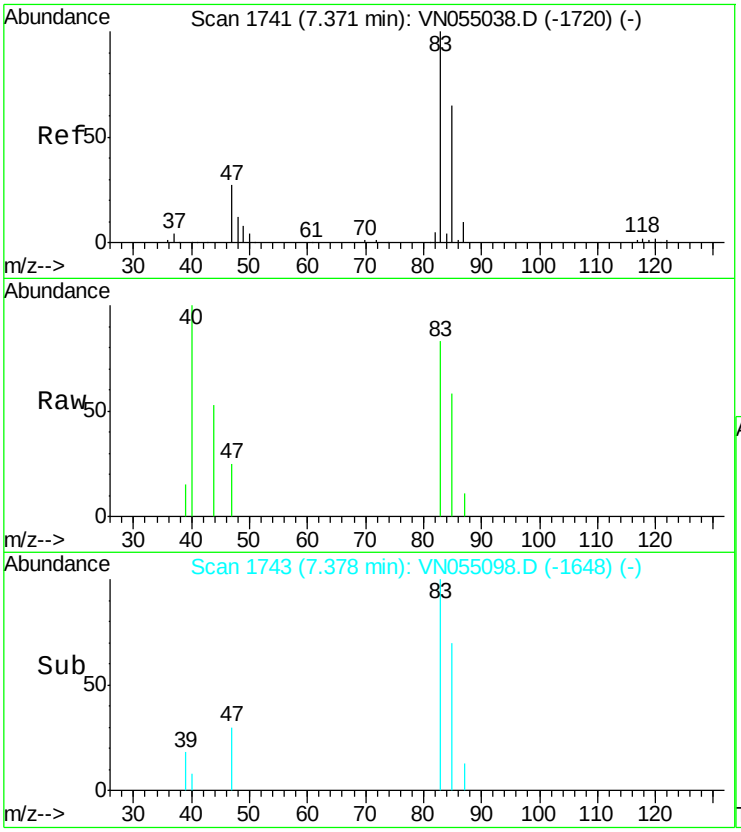


#29
Tetrahydrofuran
Concen: 0.524 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion: 42 Resp: 929

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.4	44.0#
71	19.4	27.8	41.6#



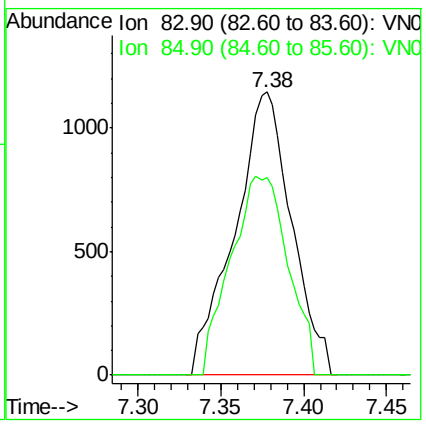


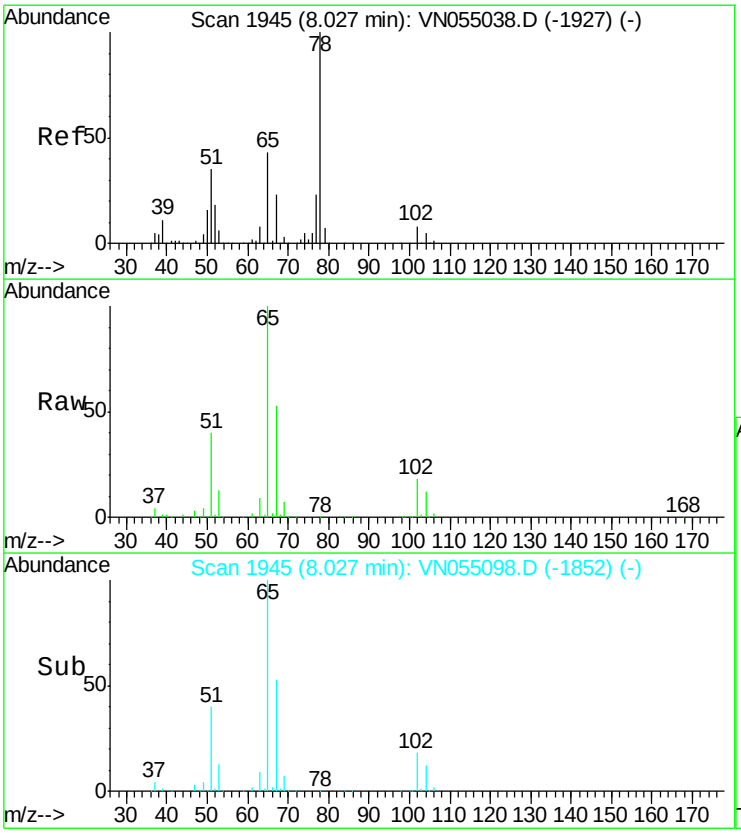
#30
Chloroform
Concen: 0.264 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 2736

Ion	Ratio	Lower	Upper
83	100		
85	69.6	51.8	77.6

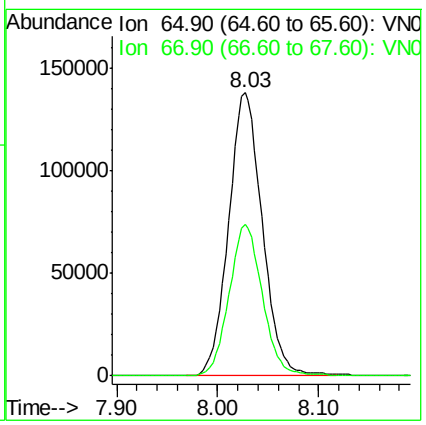


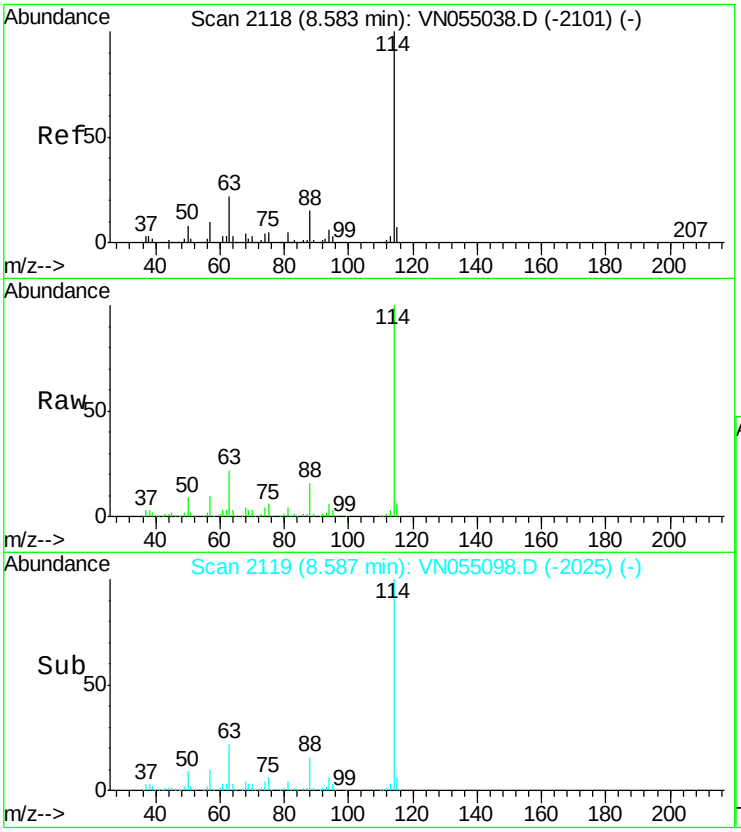


#33
1,2-Dichloroethane-d4
Concen: 48.080 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion: 65 Resp: 320983

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.4



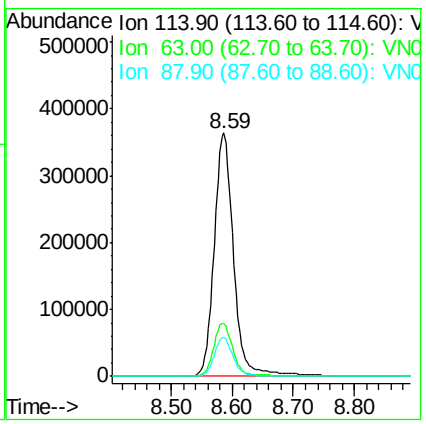


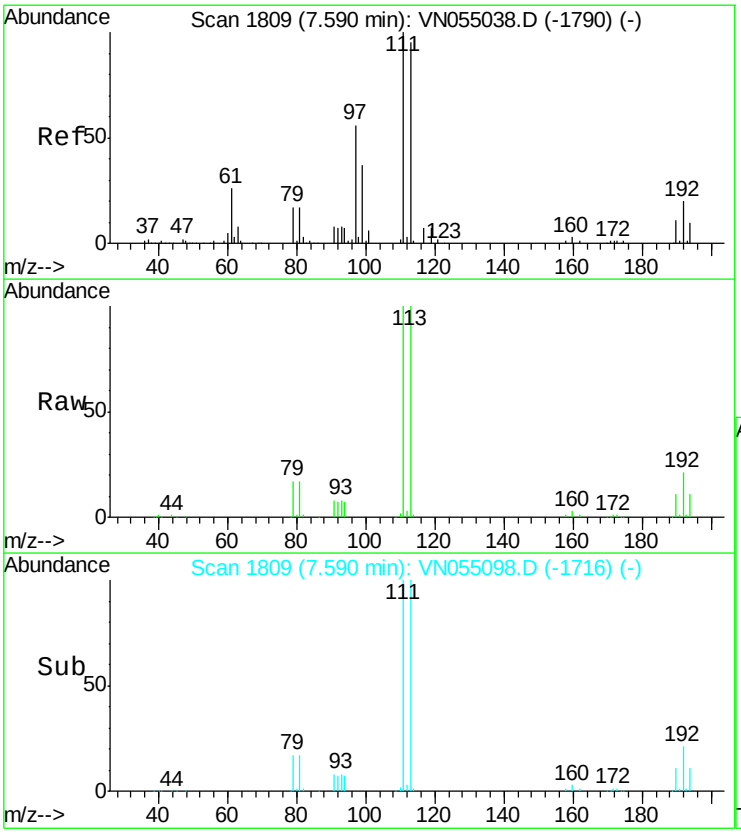
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 802921

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.2
88	16.2	0.0	31.8

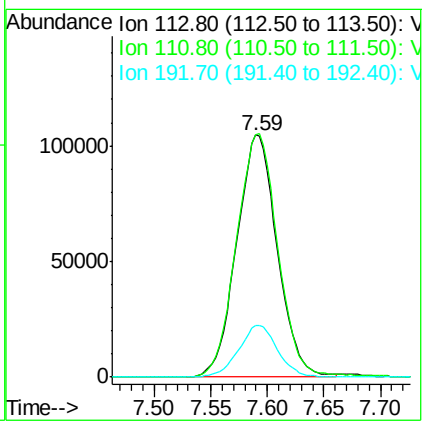


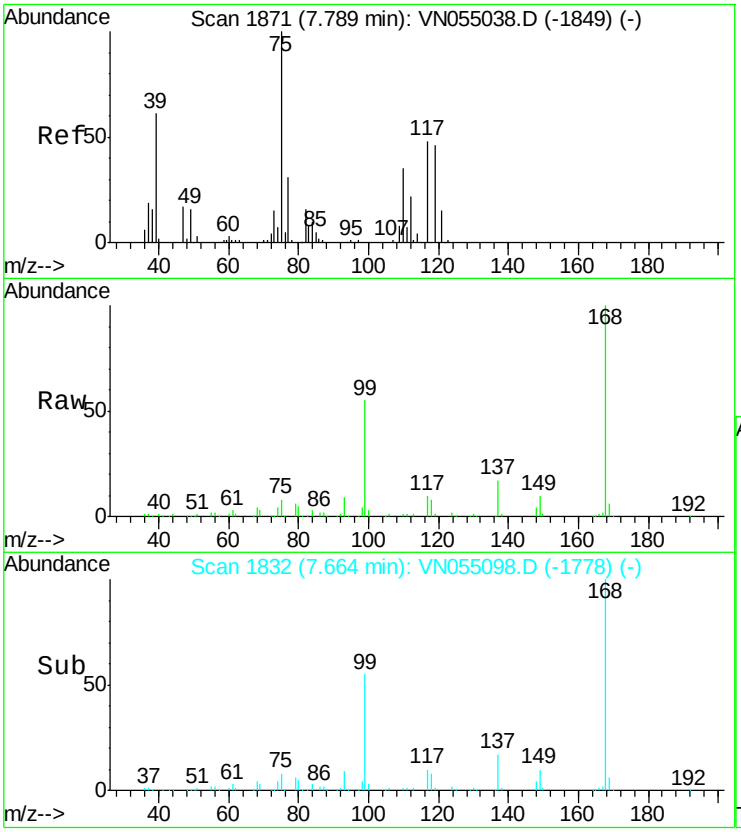


#35
Dibromofluoromethane
Concen: 48.567 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion:113 Resp: 260609

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	20.7	16.5	24.7



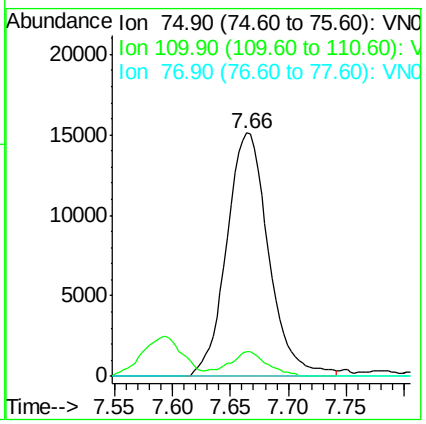


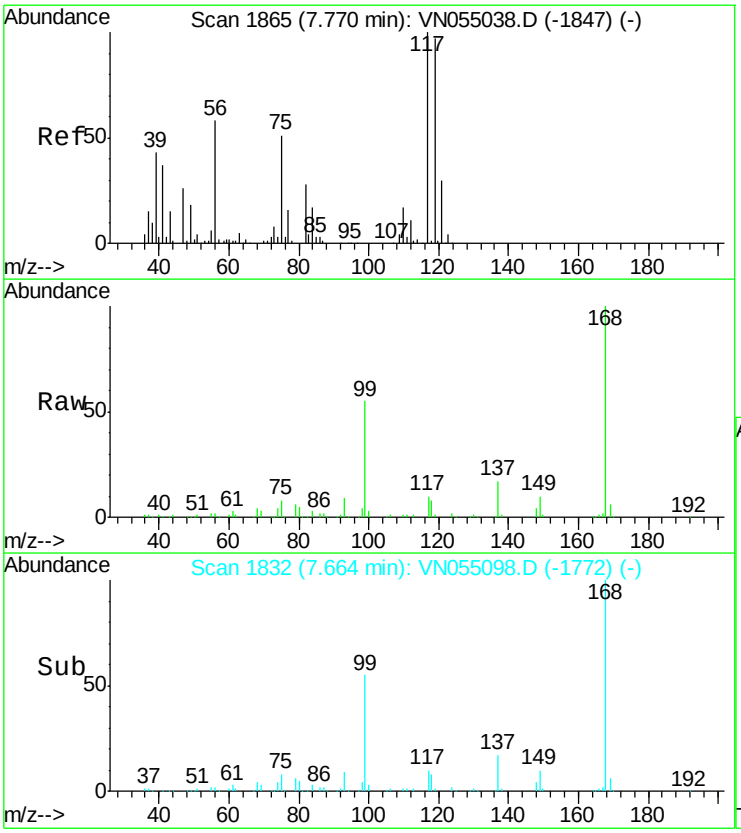
#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 38002

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.5#
77	0.0	24.9	37.3#

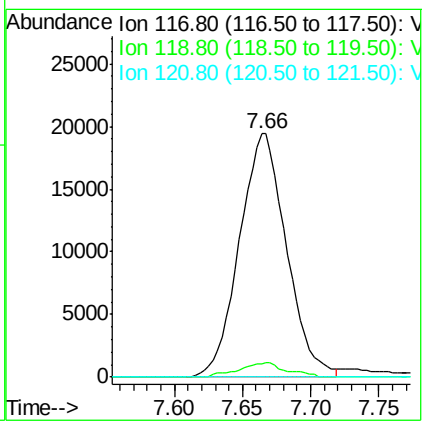


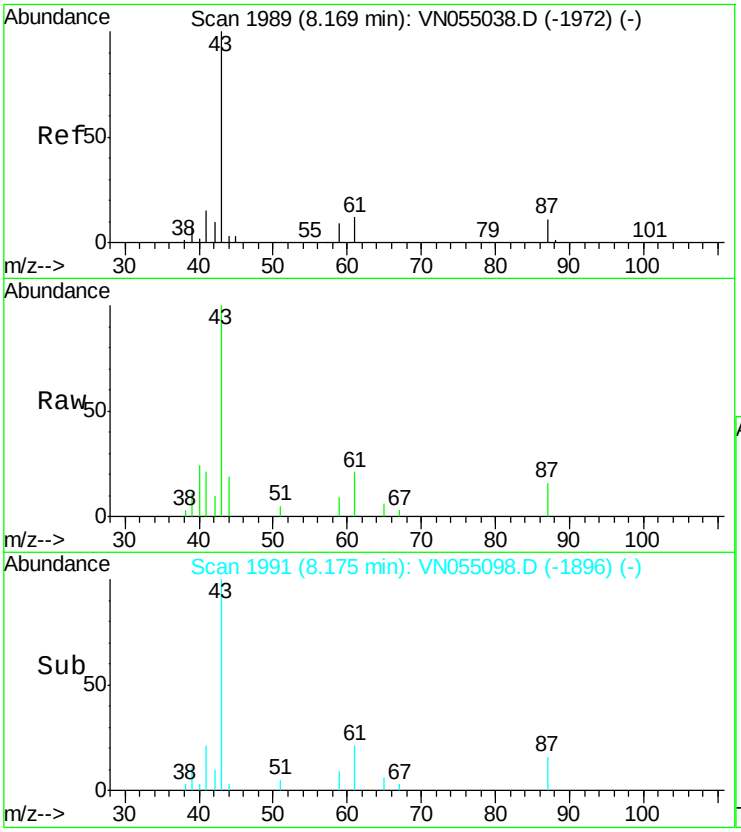


#38
Carbon Tetrachloride
Concen: 6.468 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion:117 Resp: 46577

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.3	114.5#
121	0.0	23.9	35.9#



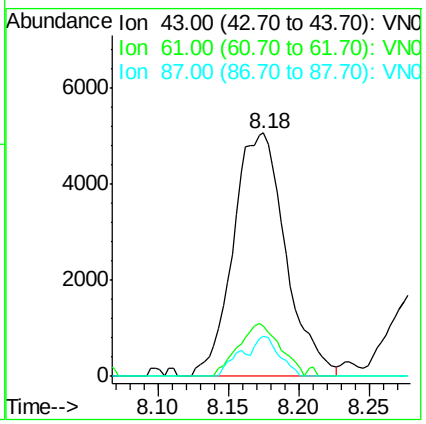


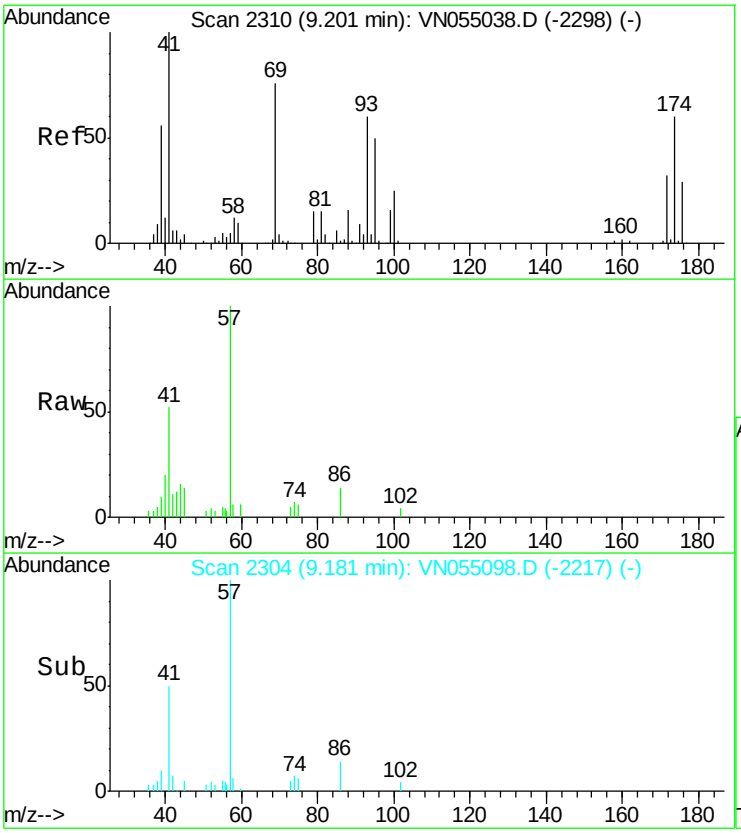
#43
Isopropyl Acetate
Concen: 1.386 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 13157

Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.3	21.5
87	7.7	8.6	13.0#

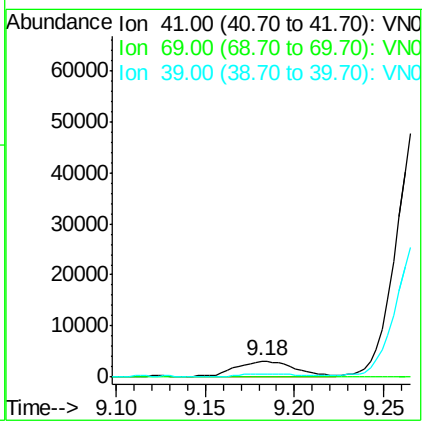


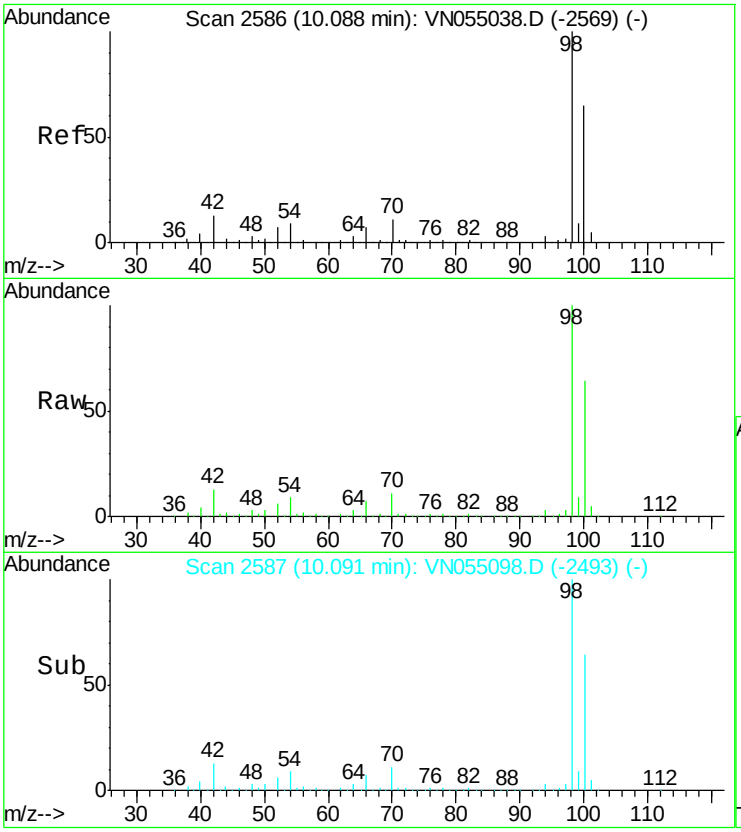


#48
Methyl methacrylate
Concen: 1.576 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion: 41 Resp: 7418

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.5	90.7#
39	0.0	43.9	65.9#



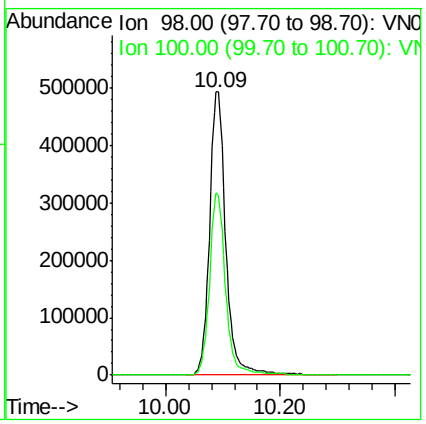


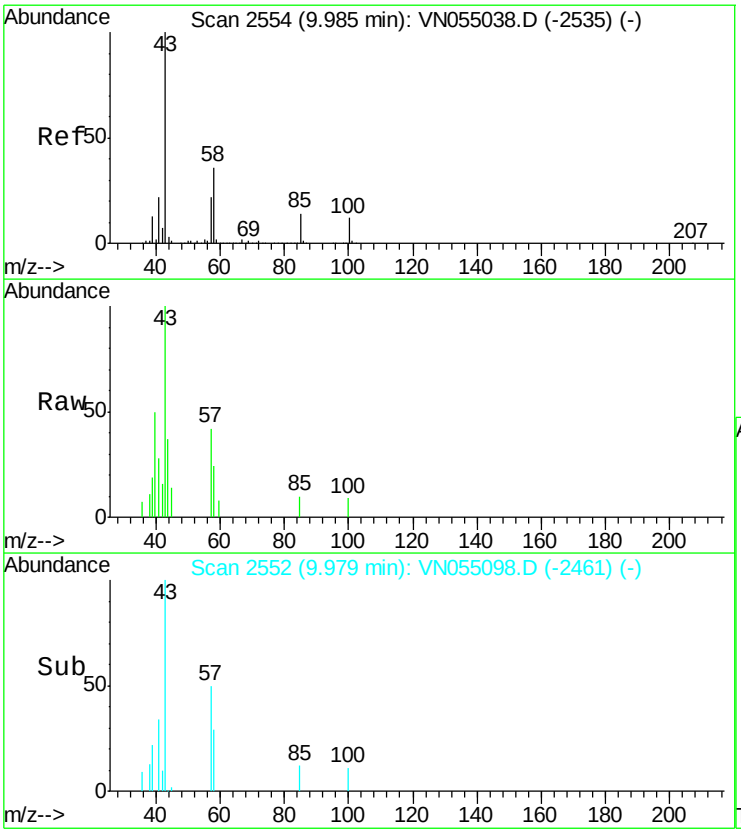
#50
Toluene-d8
Concen: 50.786 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 975364

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.1	76.7

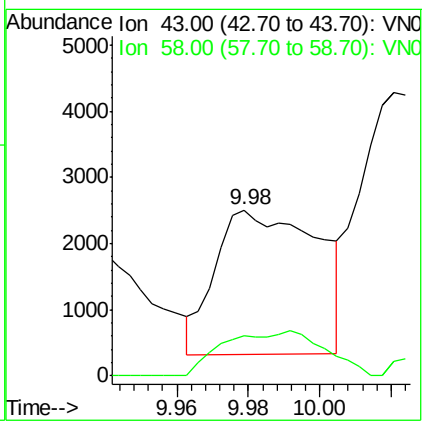


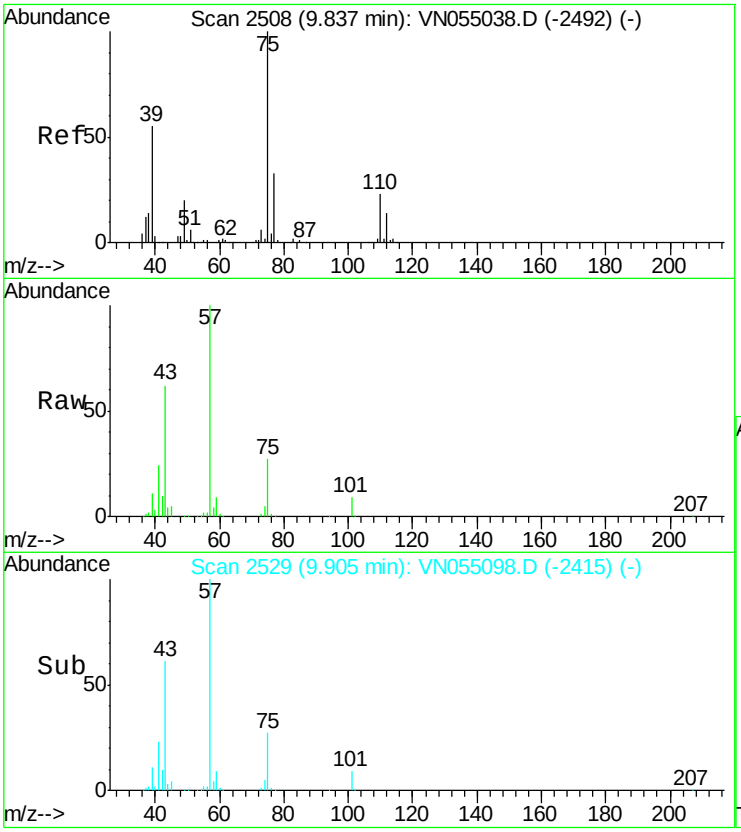


#51
4-Methyl-2-Pentanone
Concen: 0.791 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.01 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion: 43 Resp: 4340

Ion	Ratio	Lower	Upper
43	100		
58	30.9	29.0	43.4



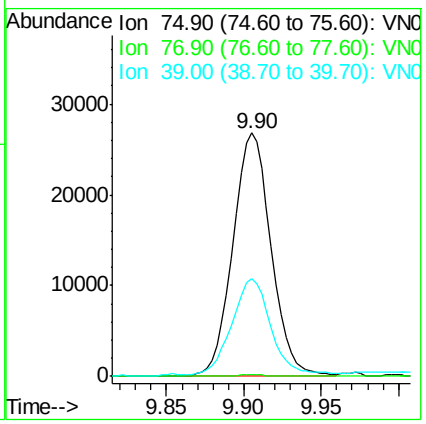


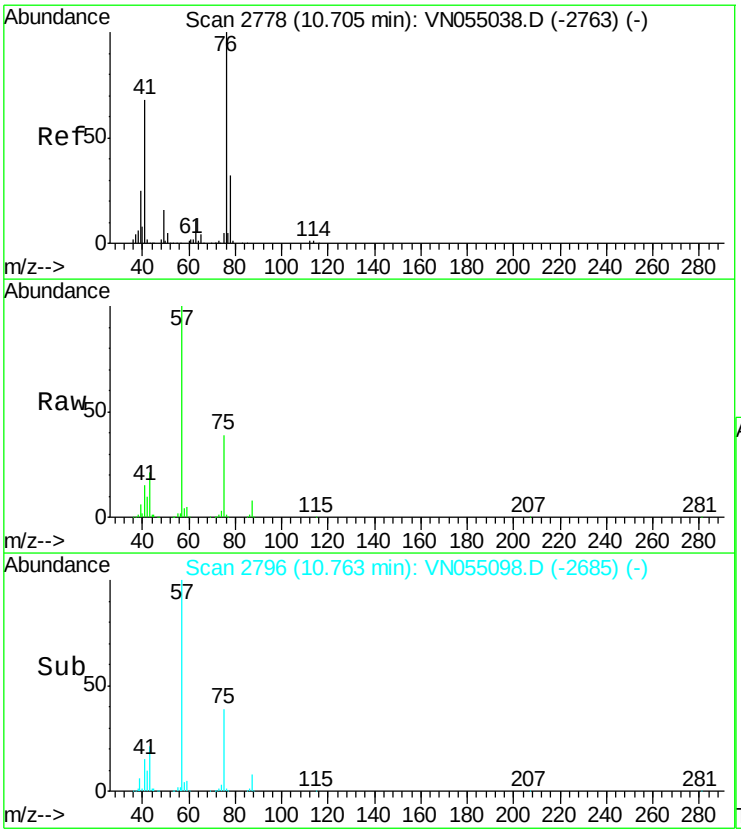
#54
cis-1,3-Dichloropropene
Concen: 5.678 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 45976

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.8	38.6#
39	39.6	43.8	65.8#

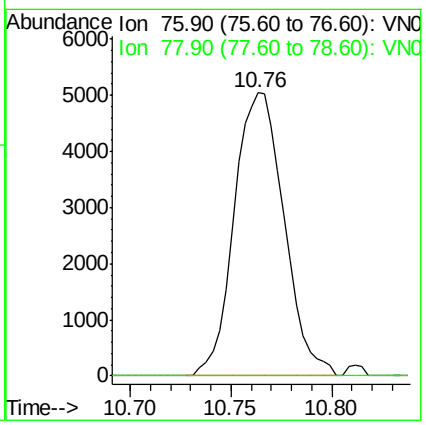


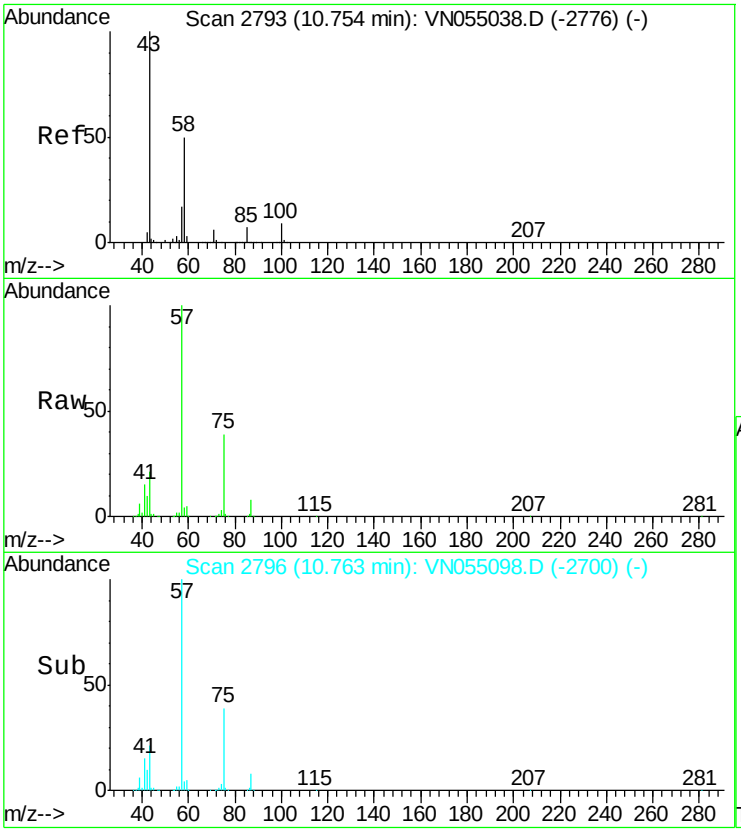


#57
1,3-Dichloropropane
Concen: 1.018 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion: 76 Resp: 8724

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



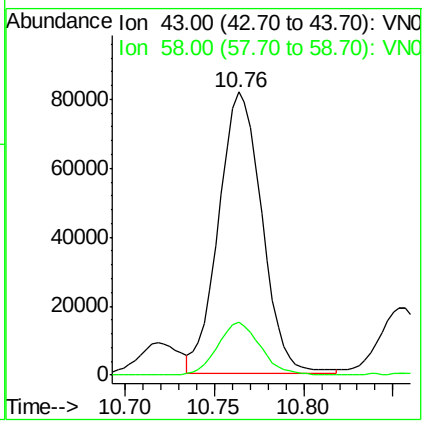


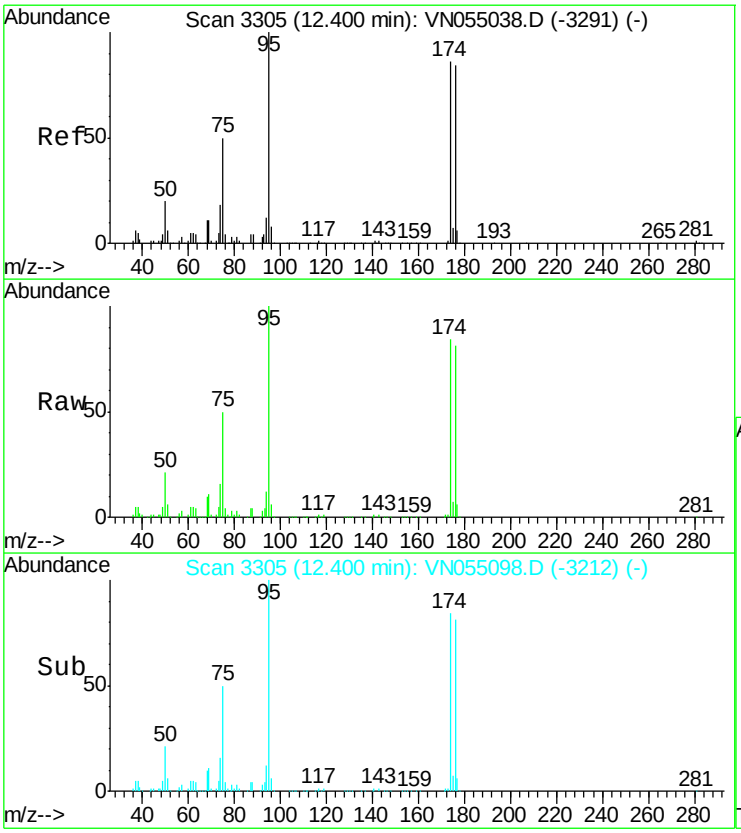
#59
2-Hexanone
Concen: 39.939 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 137605

Ion	Ratio	Lower	Upper
43	100		
58	18.7	25.1	75.2#

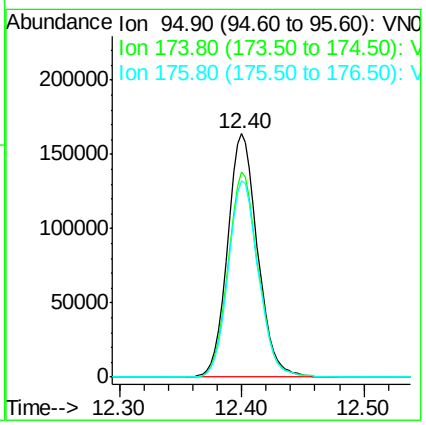


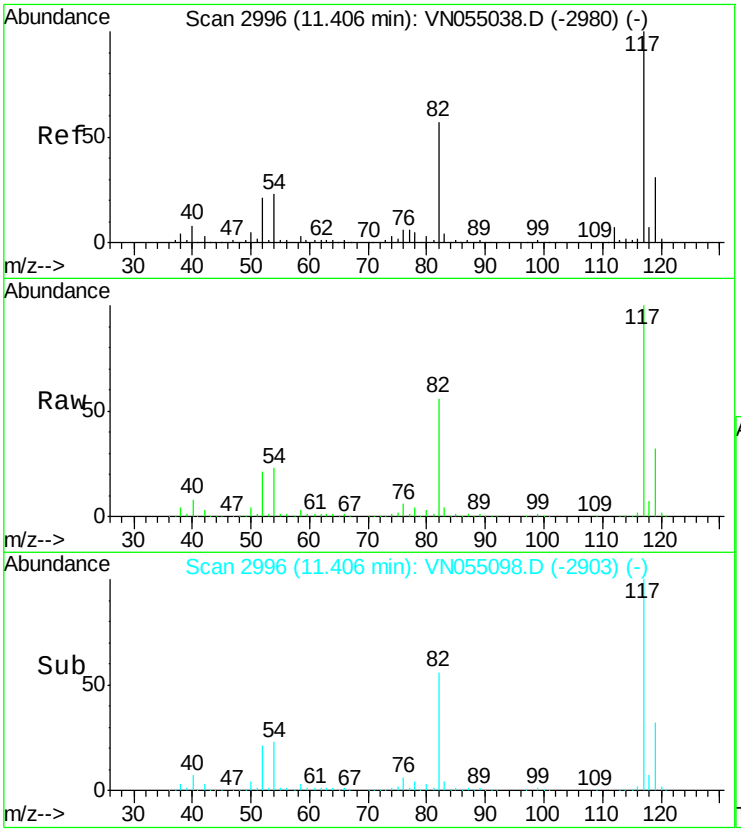


#62
4-Bromofluorobenzene
Concen: 44.998 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion: 95 Resp: 280952

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	174.4
176	81.4	0.0	166.8



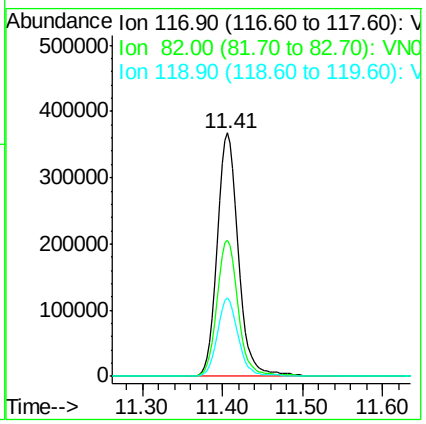


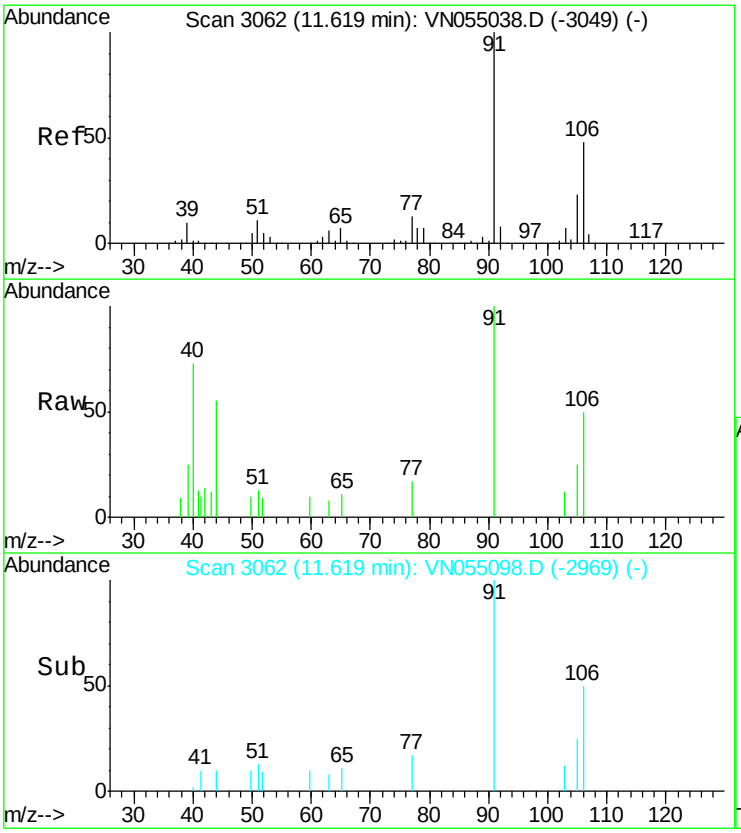
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 674514

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.6	66.8
119	32.3	25.5	38.3

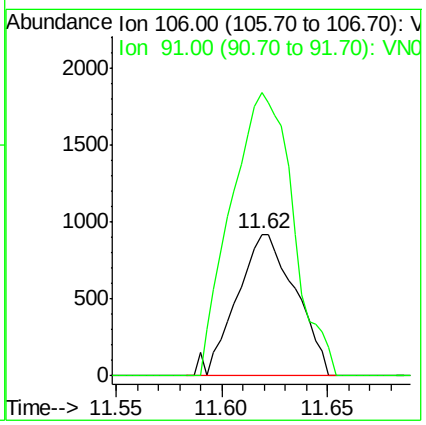


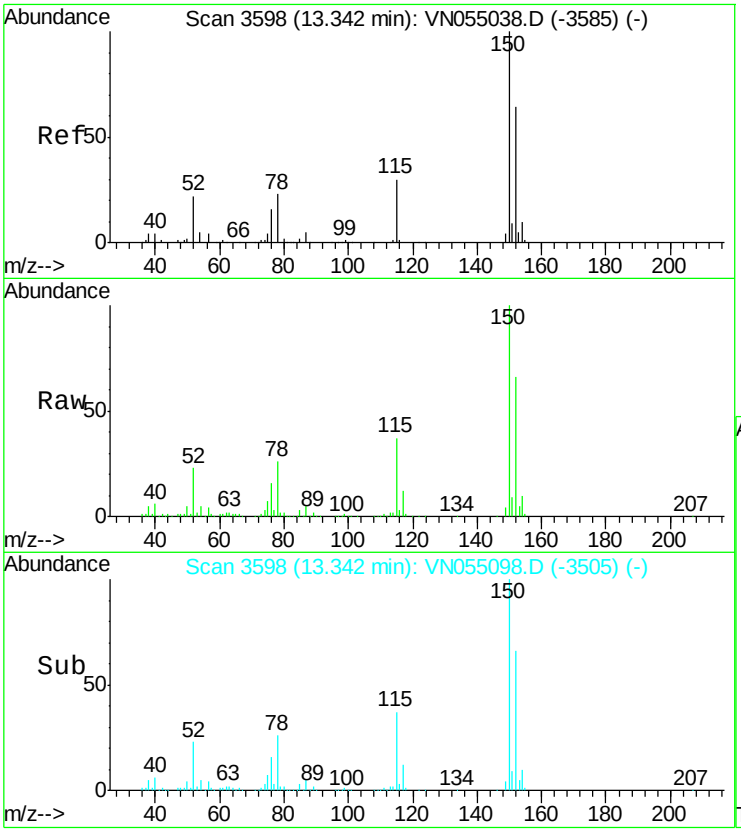


#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion:106 Resp: 1787

Ion	Ratio	Lower	Upper
106	100		
91	211.0	165.9	248.9



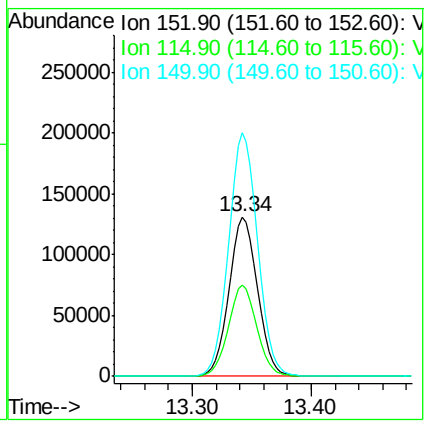


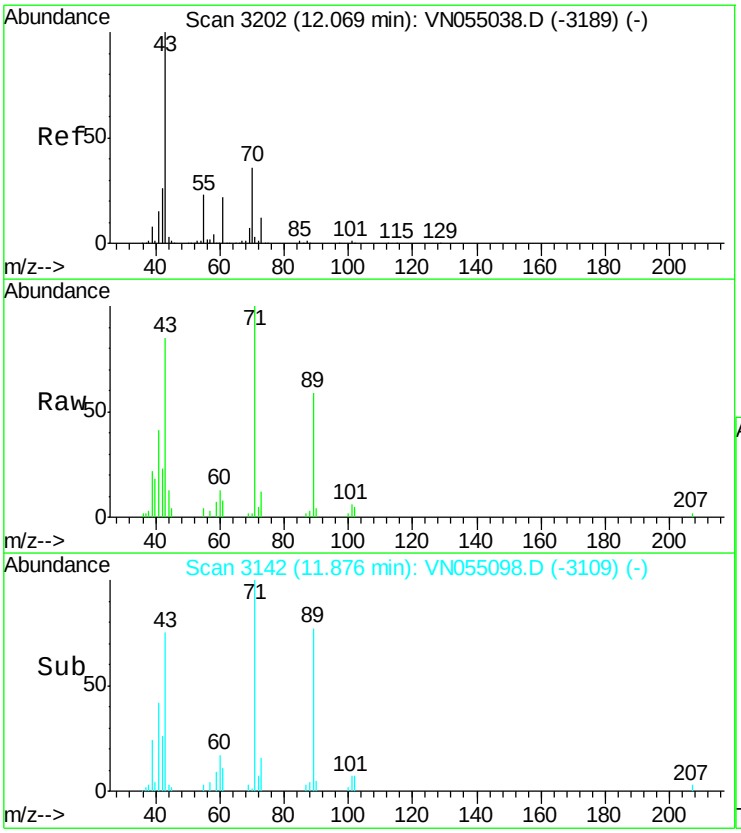
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 217806

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.5	85.6
150	154.7	0.0	347.2

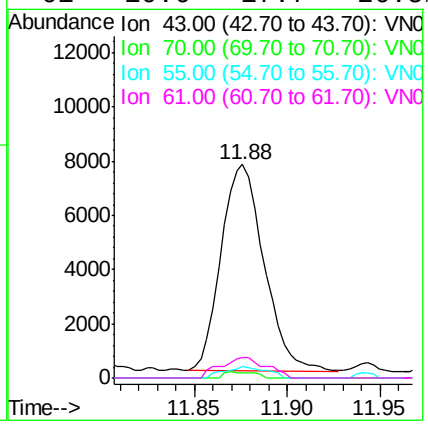


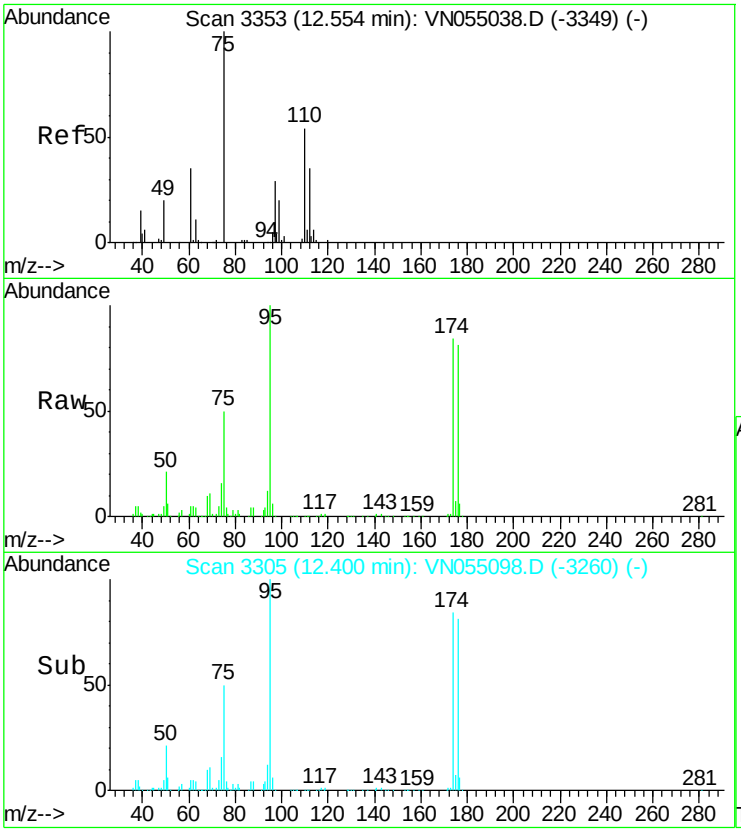


#74
N-amyl acetate
Concen: 2.257 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion: 43 Resp: 12277

Ion	Ratio	Lower	Upper
43	100		
70	2.2	29.4	44.0#
55	5.3	19.0	28.4#
61	10.6	17.7	26.5#



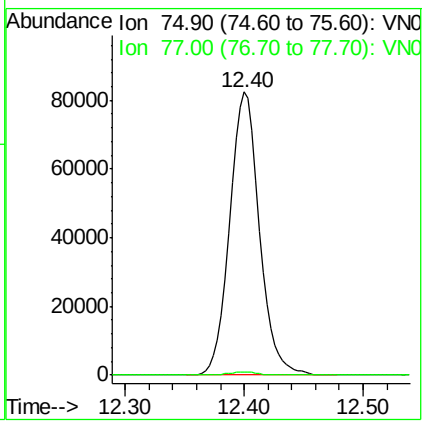


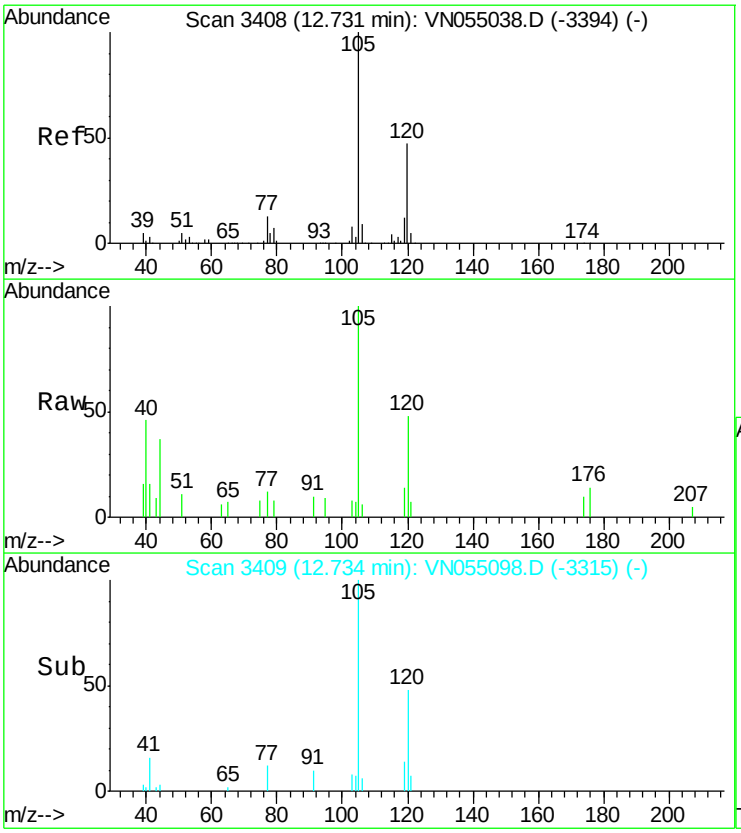
#76
1,2,3-Trichloropropane
Concen: 36.365 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 142432

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

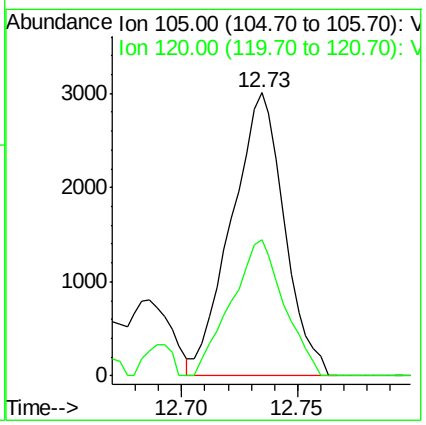


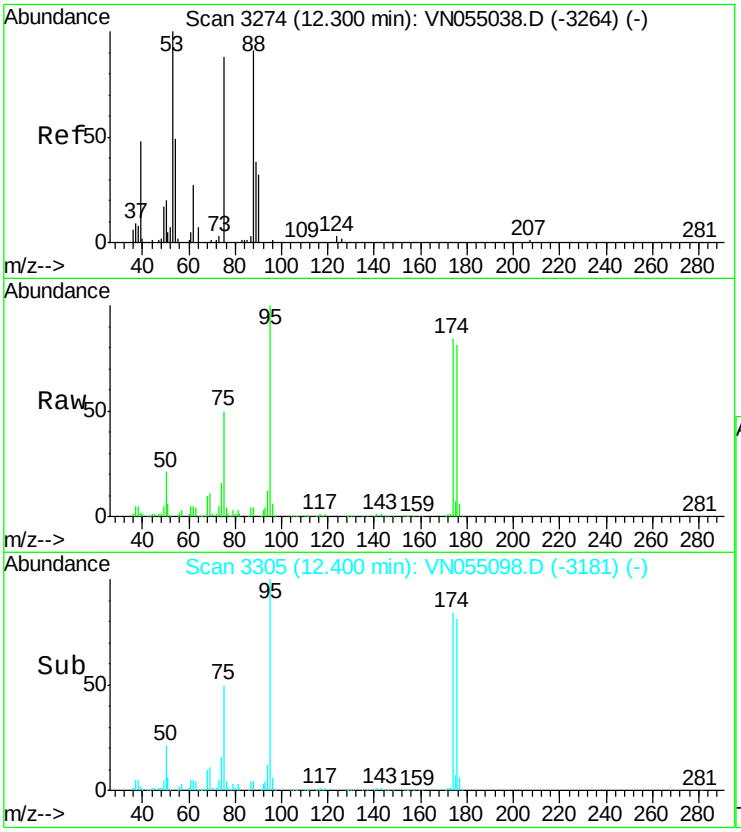


#80
1,3,5-Trimethylbenzene
Concen: 0.306 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion:105 Resp: 4773

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.8



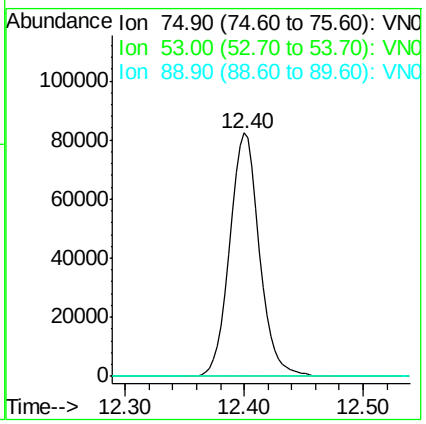


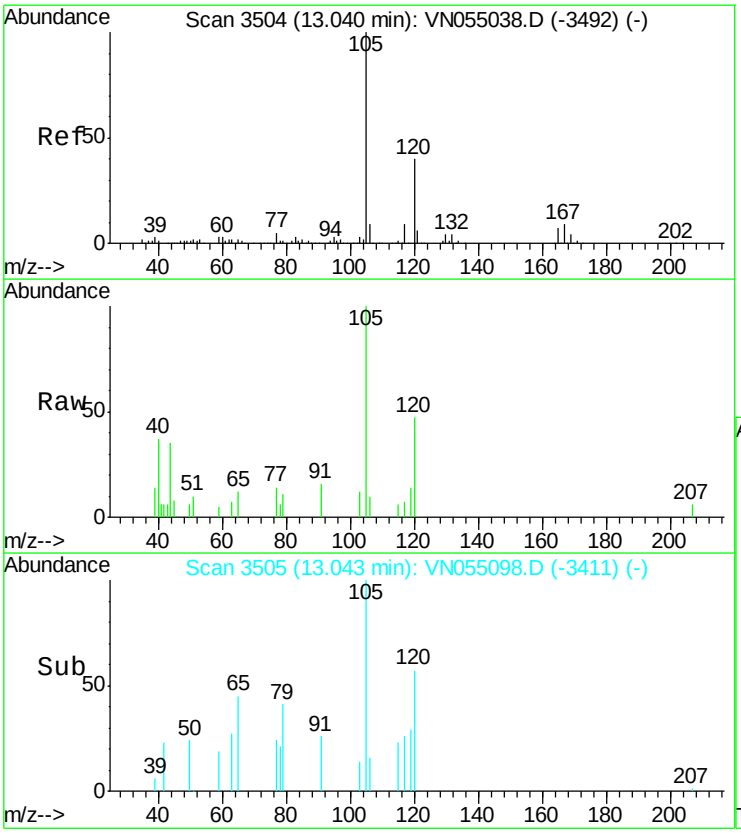
#81
trans-1,4-Dichloro-2-butene
Concen: 145.420 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 142432

Ion	Ratio	Lower	Upper
75	100		
53	0.0	96.3	144.5#
89	0.0	38.6	57.8#

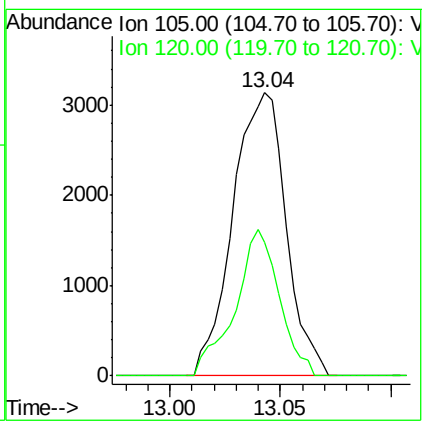


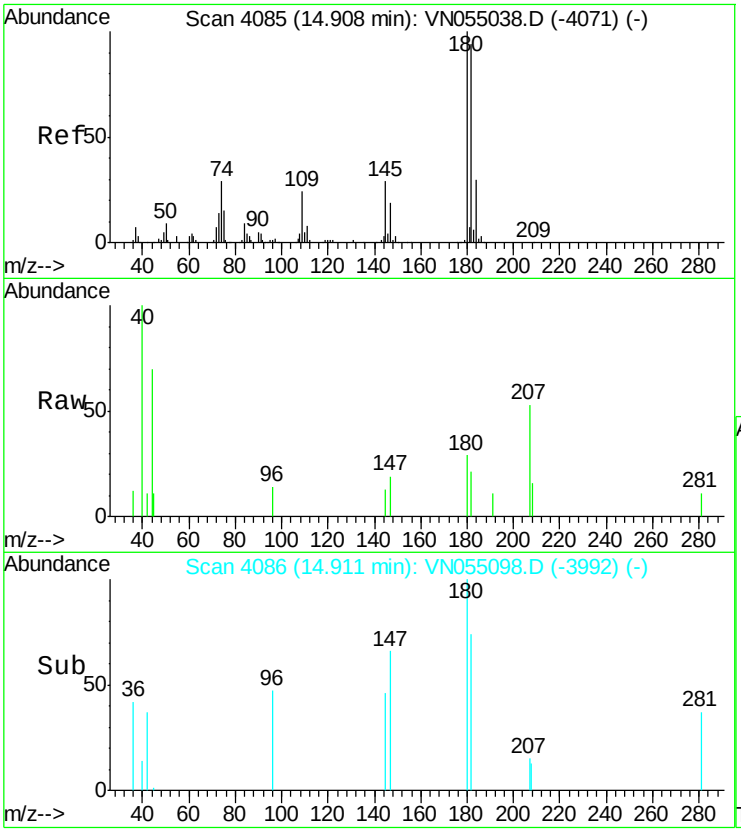


#84
1,2,4-Trimethylbenzene
Concen: 0.355 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion:105 Resp: 5246

Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.4	67.3



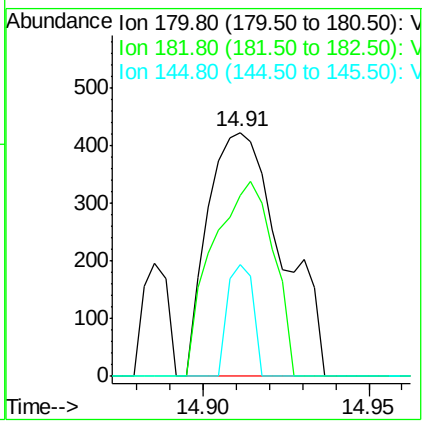


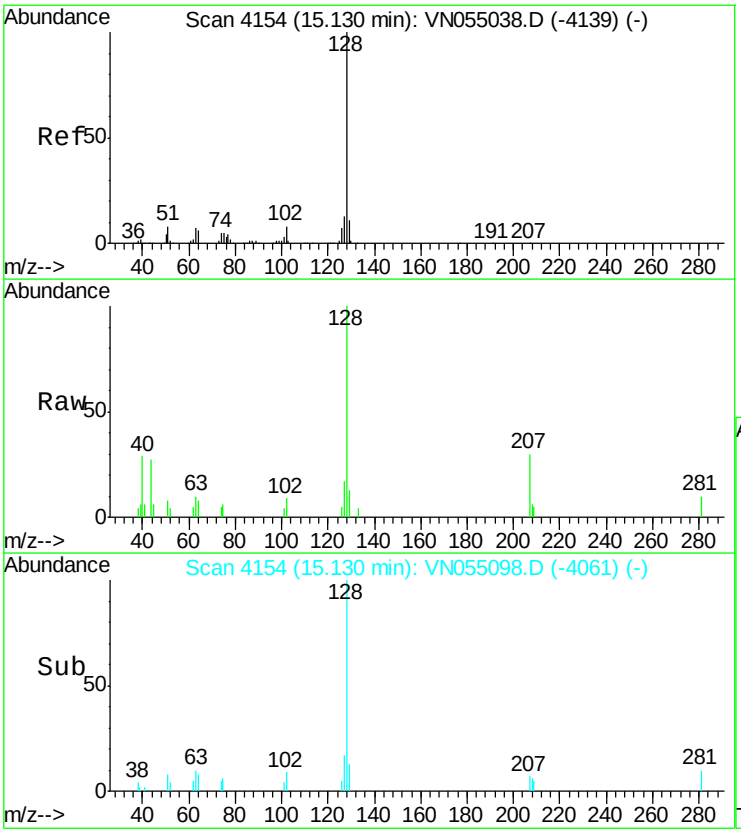
#93
1,2,4-Trichlorobenzene
Concen: 2.864 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 658

Ion	Ratio	Lower	Upper
180	100		
182	65.7	47.5	142.6
145	15.8	14.2	42.8

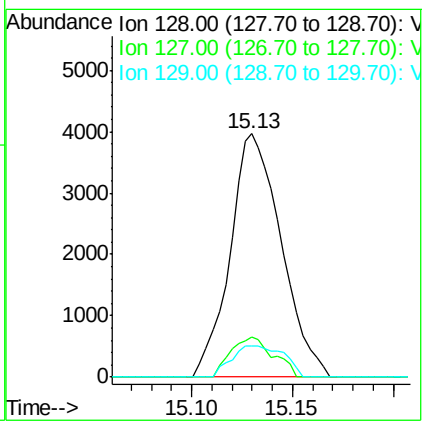


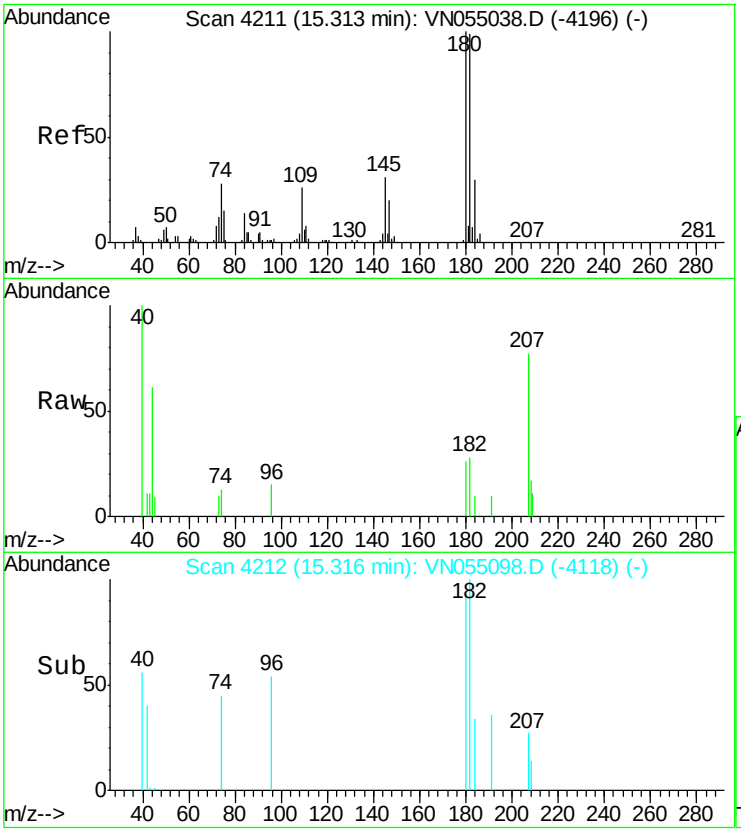


#95
Naphthalene
Concen: 3.921 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Tgt Ion:128 Resp: 7004

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.1	15.1
129	13.2	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 0.234 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 665

Ion	Ratio	Lower	Upper
180	100		
182	103.2	48.0	144.0
145	0.0	15.3	45.9#