Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054233.D
Acq On : 14 Mar 2019 1:19
Operator : JC/SP
Sample : K1693-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:24:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1401501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2305721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2473851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1128075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	752588	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.12%			
35) Dibromofluoromethane	7.59	113	719088	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.72%			
50) Toluene-d8	10.09	98	2906055	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.82%			
62) 4-Bromofluorobenzene	12.40	95	1144506	59.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.12%			
Target Compounds						Qvalue
10) Methyl Iodide	3.94	142	1001	1.543	ug/l #	71
11) Tert butyl alcohol	4.83	59	866	0.849	ug/l #	70
13) Acrolein	3.60	56	358	0.370	ug/l #	75
16) Acetone	3.82	43	42464	9.964	ug/l	97
20) Methylene Chloride	4.55	84	35828	2.560	ug/l	97
25) 2-Butanone	6.85	43	3019	0.604	ug/l #	70
29) Tetrahydrofuran	7.23	42	3032	0.943	ug/l #	51
31) Cyclohexane	7.66	56	20856	Below Cal	#	2
36) 1,1-Dichloropropene	7.67	75	81094	3.819	ug/l #	48
38) Carbon Tetrachloride	7.66	117	112177	5.038	ug/l #	16
43) Isopropyl Acetate	8.18	43	45986	2.147	ug/l	99
48) Methyl methacrylate	9.18	41	17670	1.626	ug/l #	11
49) 1,4-Dioxane	9.27	88	569	3.701	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	19432	1.715	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	667	2.013	ug/l #	47
54) cis-1,3-Dichloropropene	9.91	75	168324	7.068	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	30821	1.340	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	77	16.838	ug/l #	44
59) 2-Hexanone	10.77	43	416072	55.174	ug/l #	50
68) m/p-Xylenes	11.62	106	9063	0.258	ug/l	99
69) o-Xylene	11.95	106	7207	0.210	ug/l	93
71) Bromoform	12.40	173	7115	2.801	ug/l #	1
74) N-amyl acetate	11.88	43	42885	2.141	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	553472	33.364	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	21178	0.282	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	553472	114.053	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	32842	0.446	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	3274	2.647	ug/l #	87
95) Naphthalene	15.13	128	308611	9.274	ug/l	100

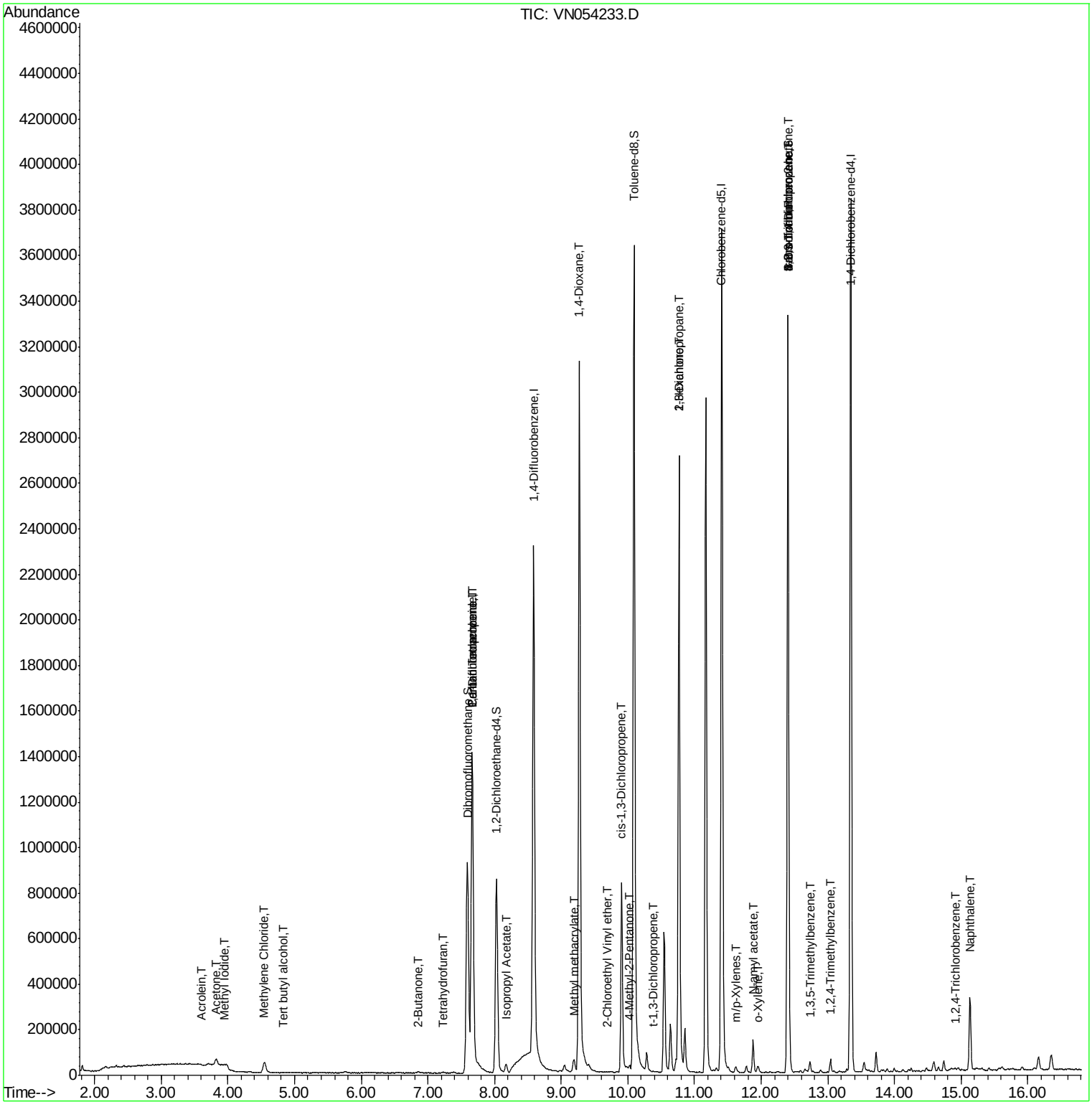
(#) = qualifier out of range (m) = manual integration (+) = signals summed

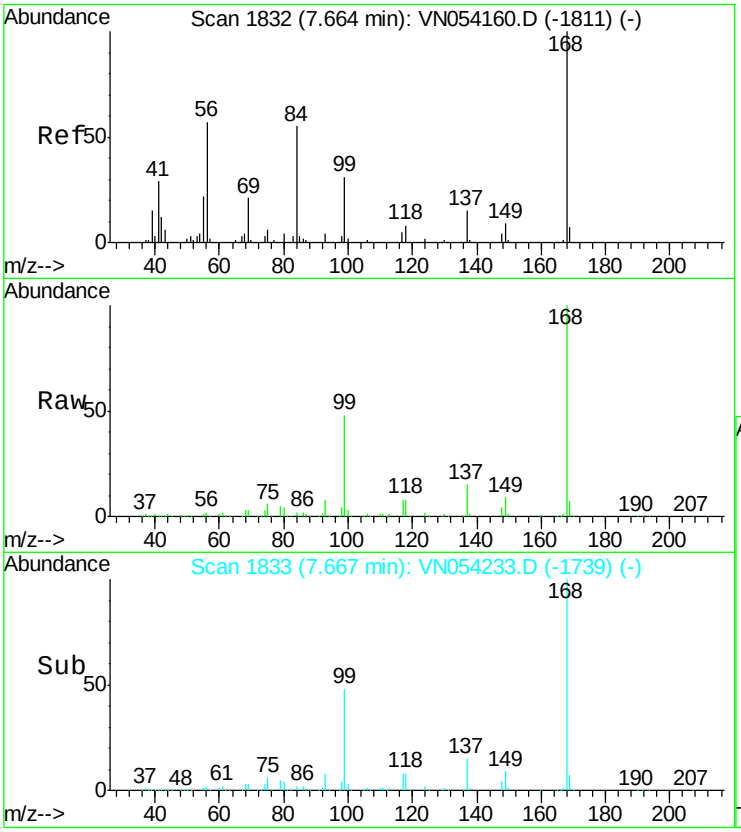
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054233.D
Acq On : 14 Mar 2019 1:19
Operator : JC/SP
Sample : K1693-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:24:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



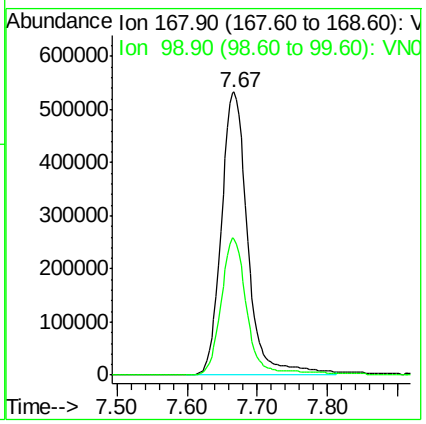


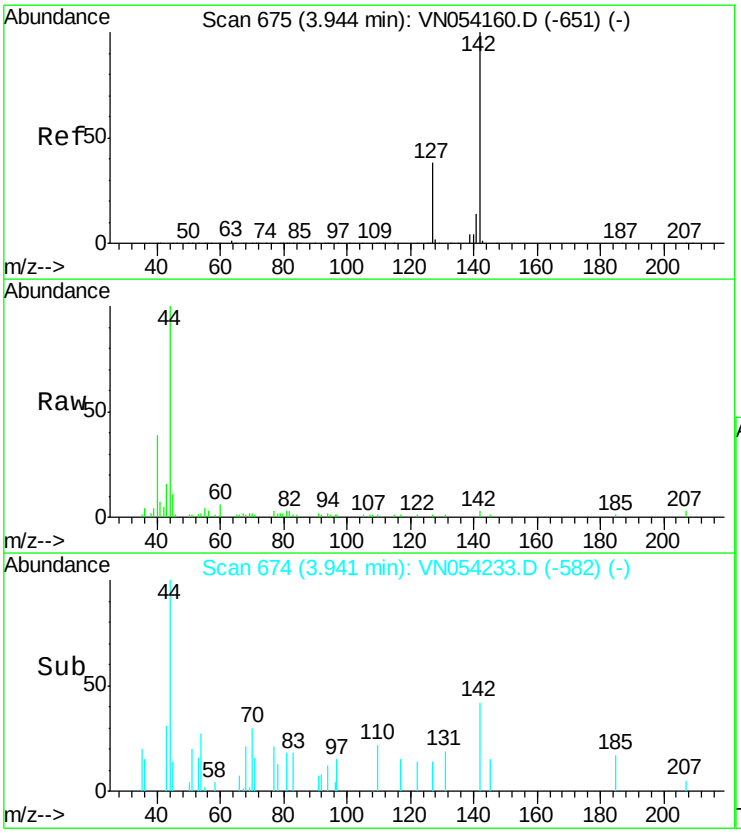
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1401501

Ion	Ratio	Lower	Upper
168	100		
99	48.2	37.1	55.7

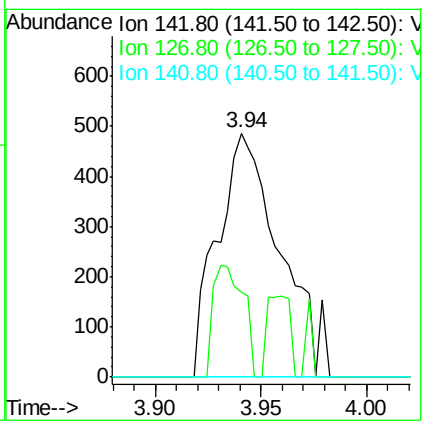


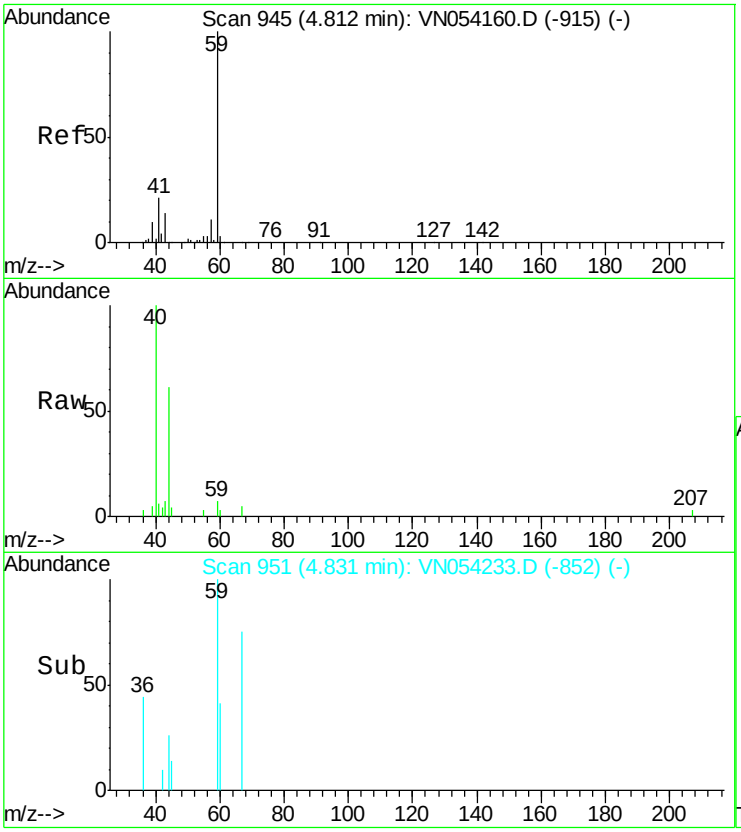


#10
Methyl Iodide
Concen: 1.543 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion:142 Resp: 1001

Ion	Ratio	Lower	Upper
142	100		
127	21.9	30.3	45.5#
141	0.0	11.2	16.8#



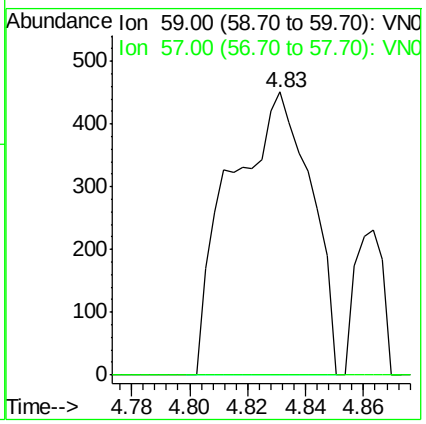


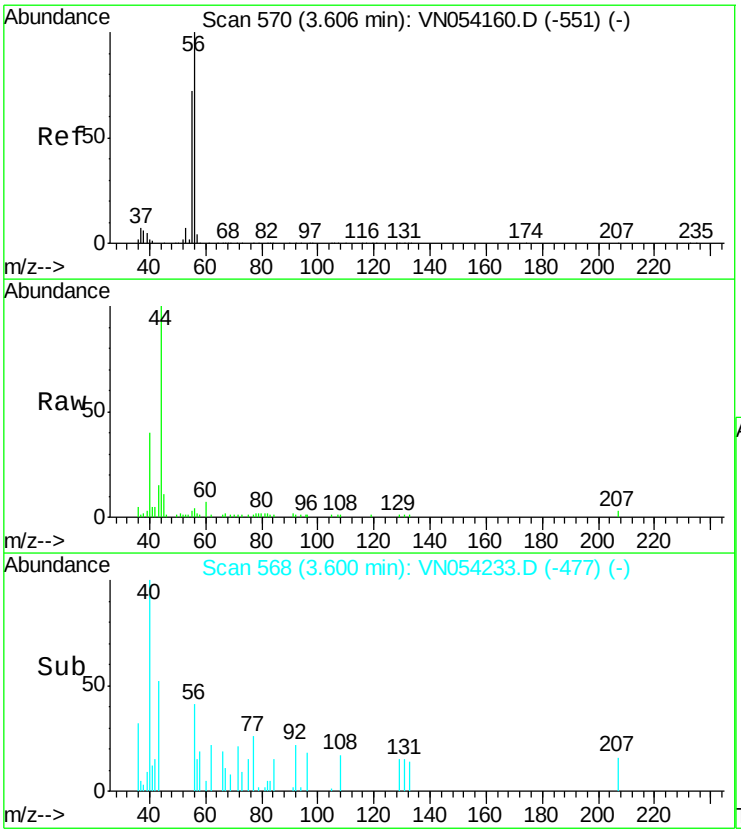
#11
Tert butyl alcohol
Concen: 0.849 ug/l
RT: 4.83 min Scan# 951
Delta R.T. 0.02 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 866

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#

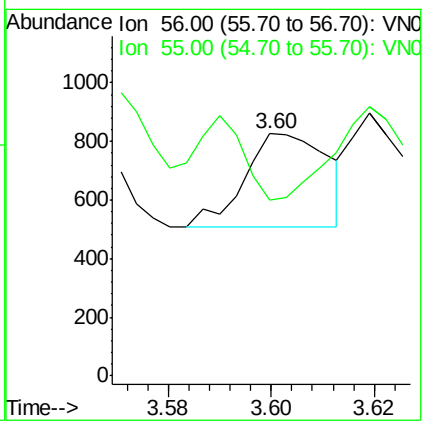


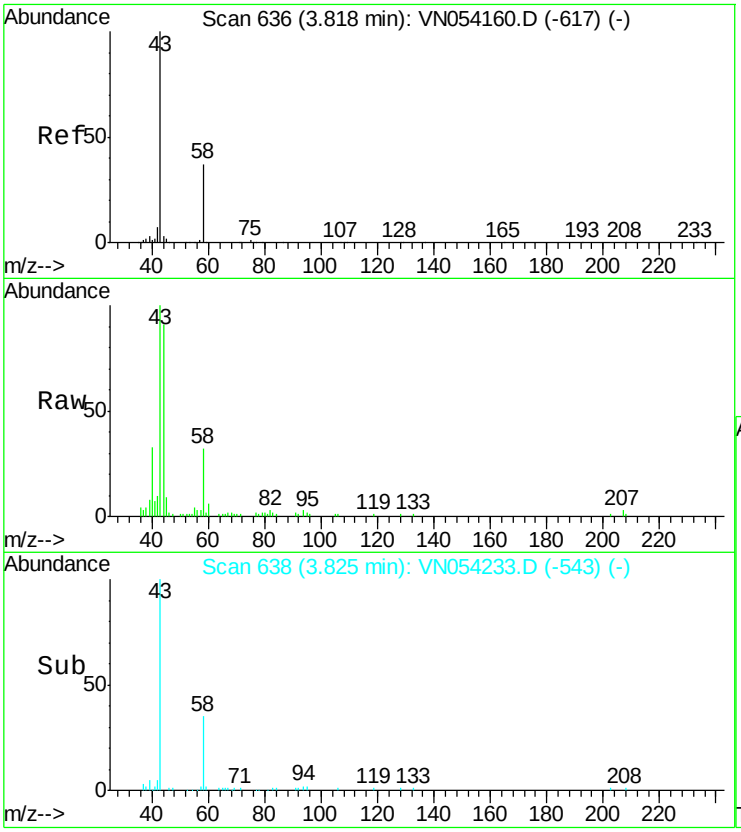


#13
Acrolein
Concen: 0.370 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 56 Resp: 358

Ion	Ratio	Lower	Upper
56	100		
55	50.6	56.7	85.1#



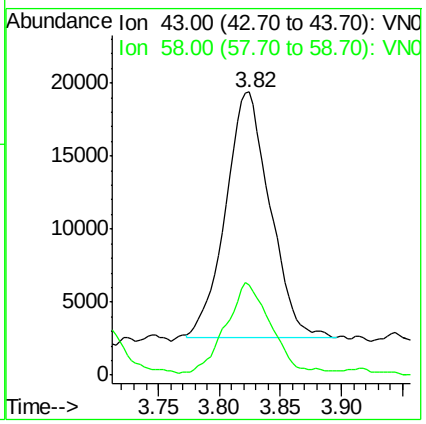


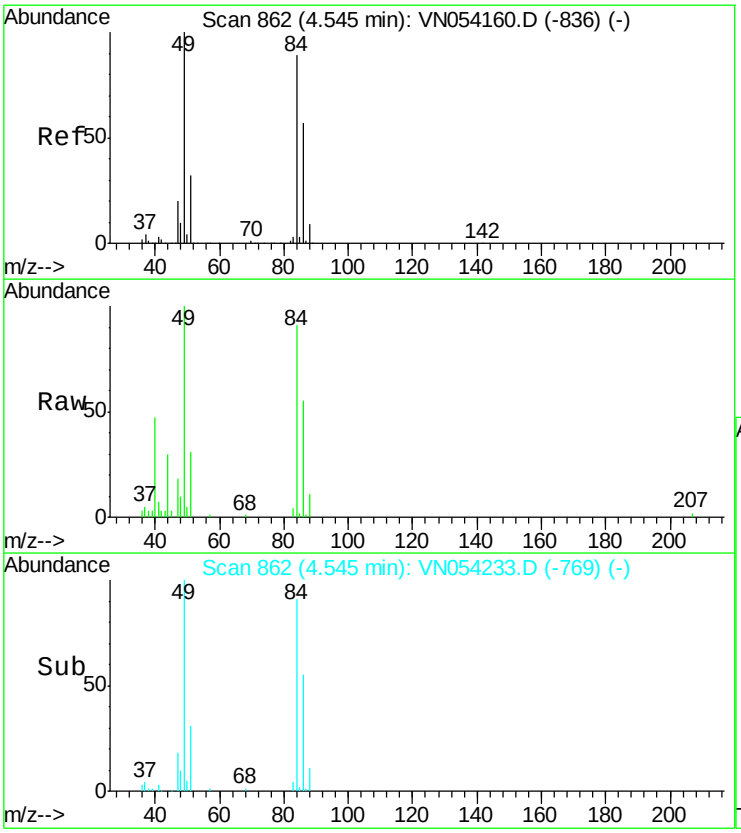
#16
Acetone
Concen: 9.964 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 42464

Ion	Ratio	Lower	Upper
43	100		
58	35.8	29.9	44.9

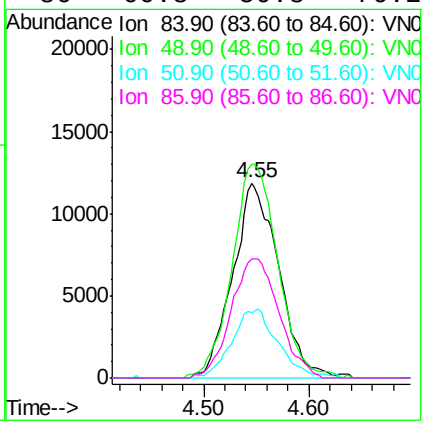


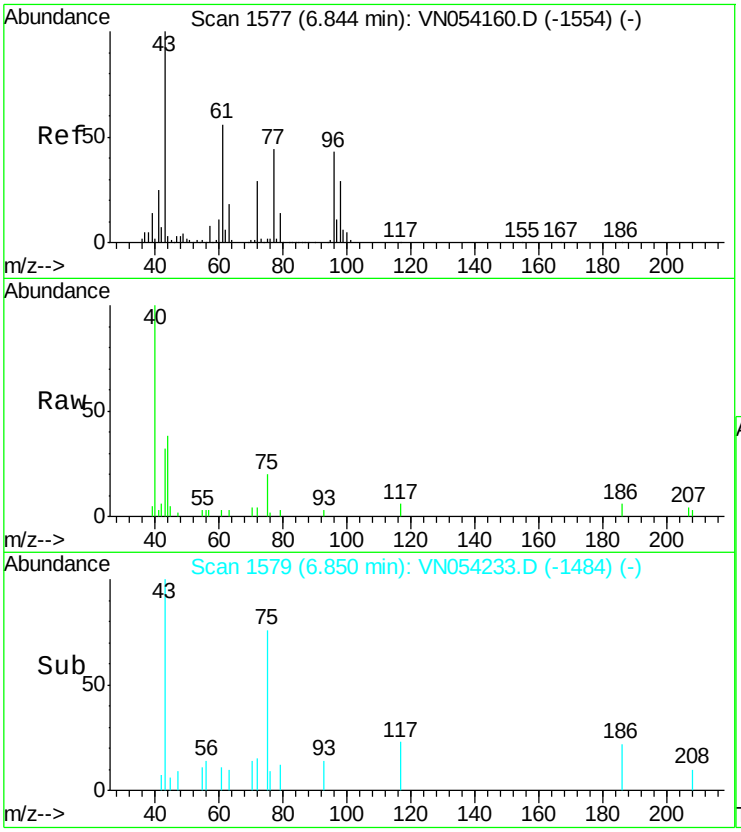


#20
Methylene Chloride
Concen: 2.560 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 84 Resp: 35828

Ion	Ratio	Lower	Upper
84	100		
49	108.3	89.7	134.5
51	33.5	28.2	42.4
86	60.8	50.8	76.2



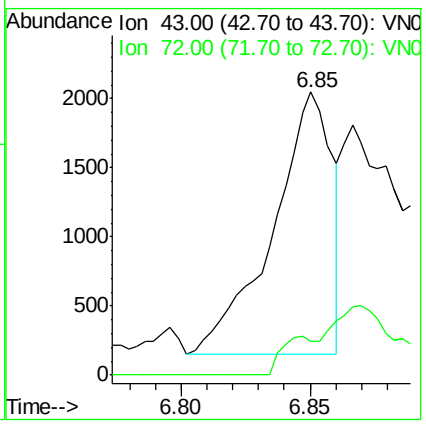


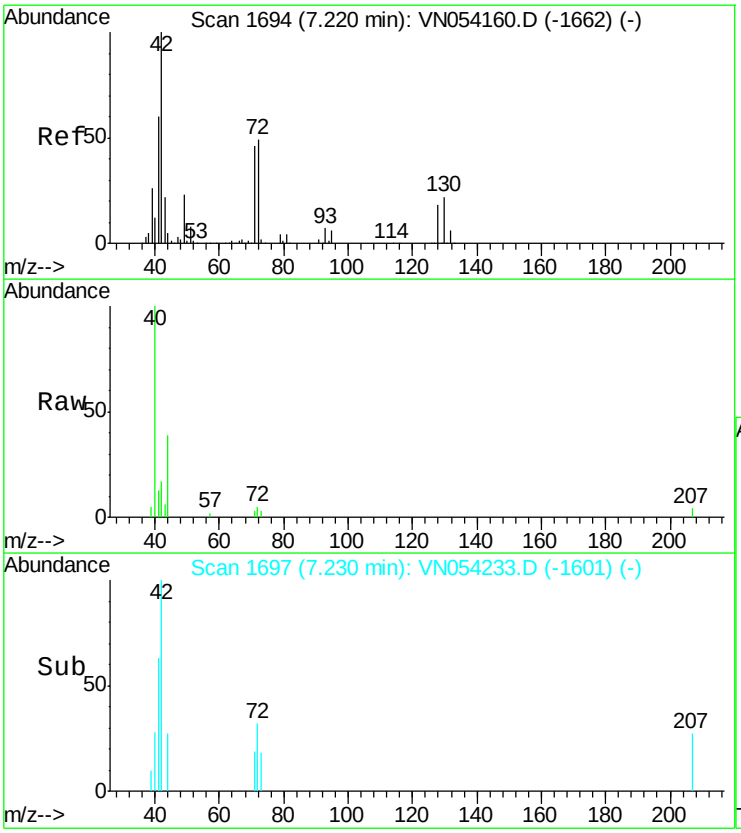
#25
2-Butanone
Concen: 0.604 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3019

Ion	Ratio	Lower	Upper
43	100		
72	12.7	23.0	34.6#

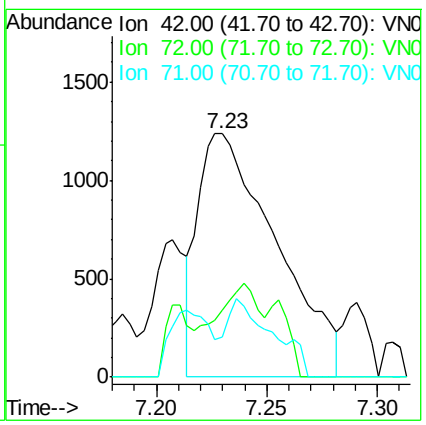


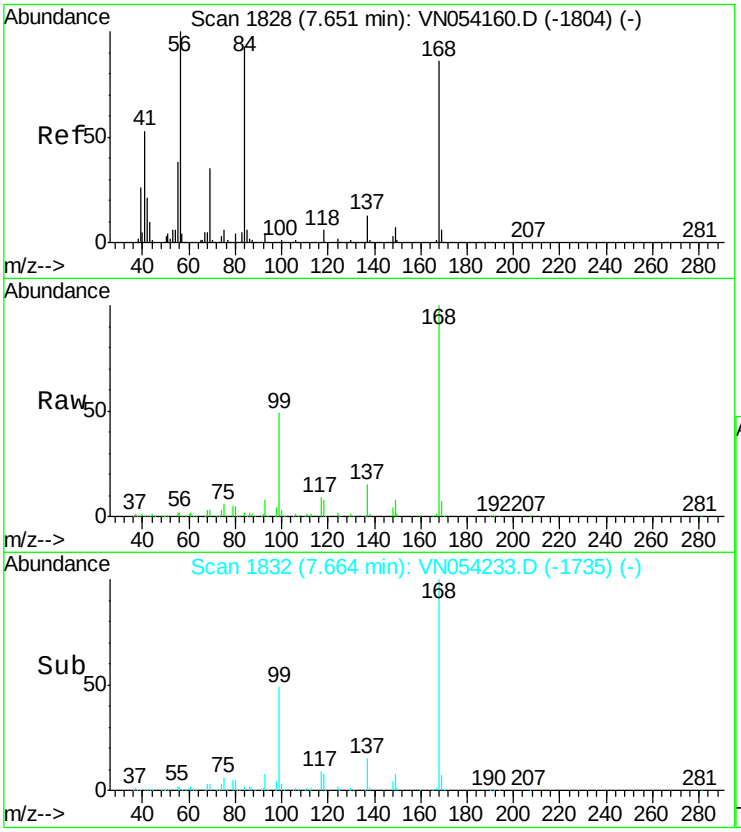


#29
Tetrahydrofuran
Concen: 0.943 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 42 Resp: 3032

Ion	Ratio	Lower	Upper
42	100		
72	8.5	37.8	56.6#
71	19.3	36.2	54.2#



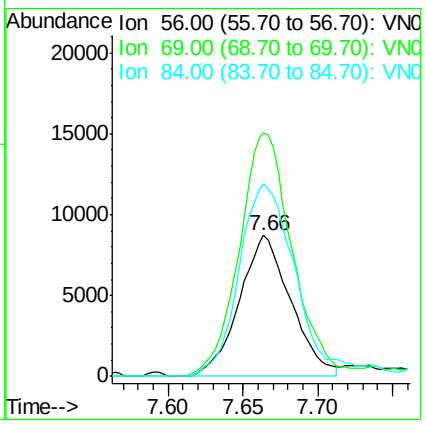


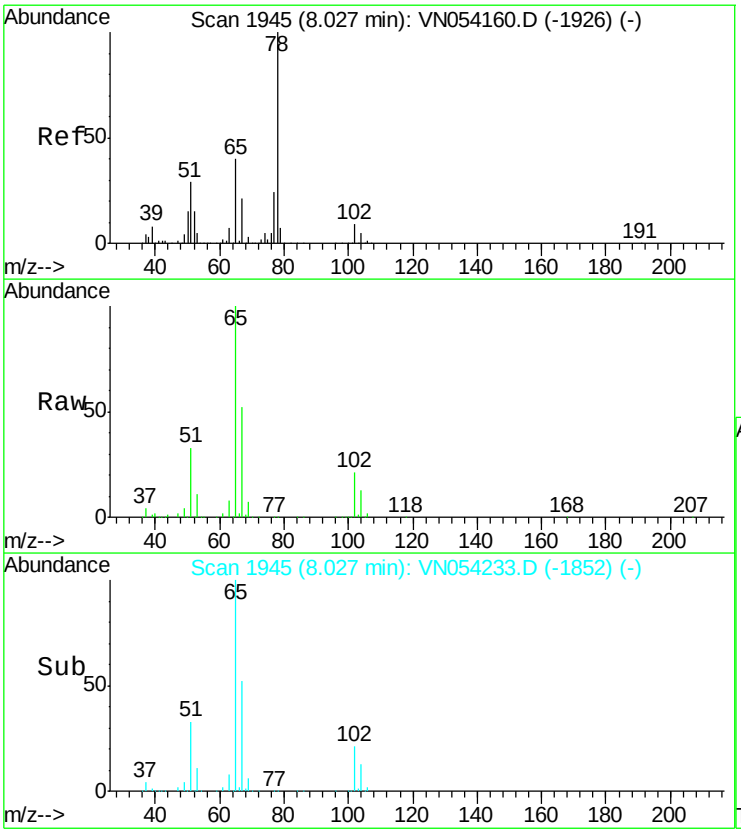
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 20856

Ion	Ratio	Lower	Upper
56	100		
69	172.9	27.8	41.6#
84	136.6	74.6	111.8#

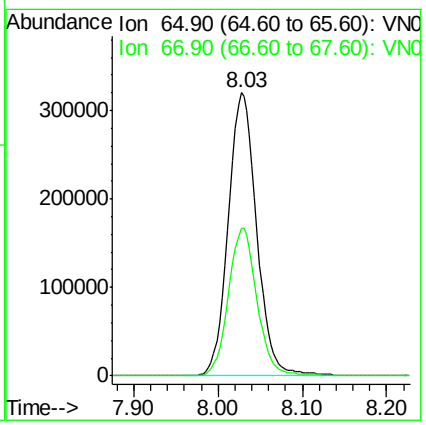


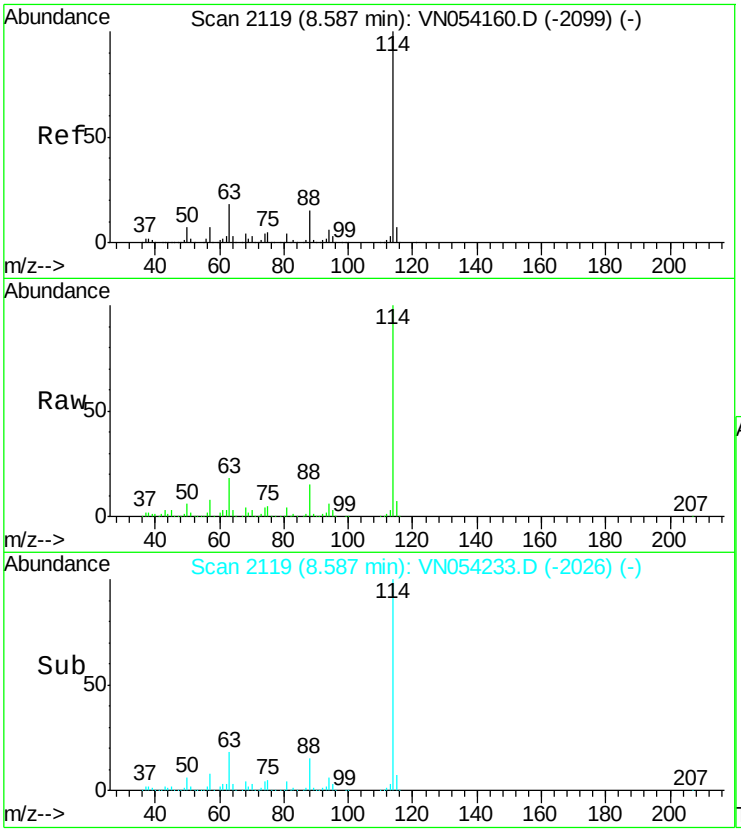


#33
1,2-Dichloroethane-d4
Concen: 50.564 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 65 Resp: 752588

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.6



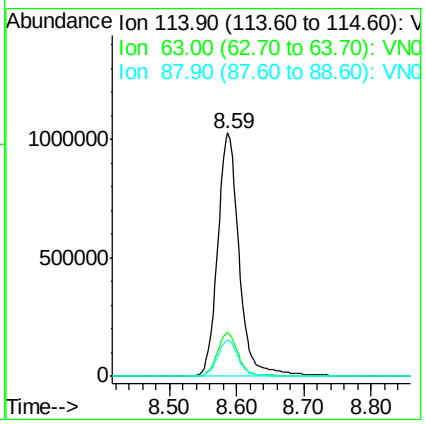


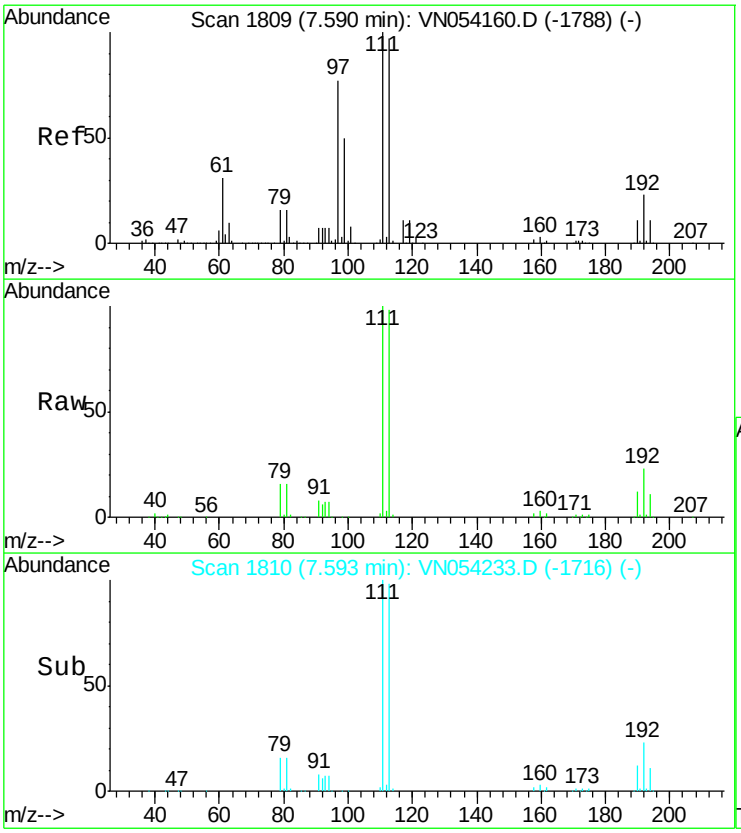
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 2305721

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.2
88	14.7	0.0	30.2

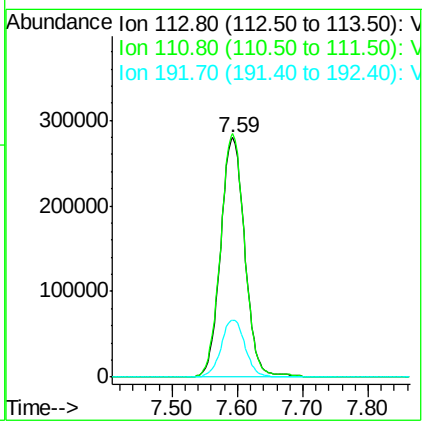


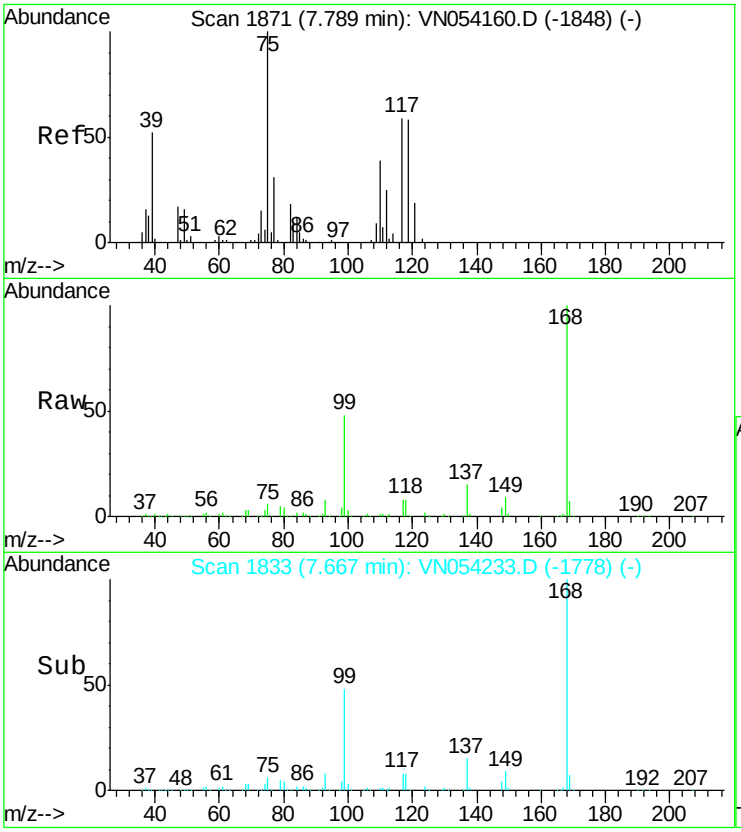


#35
Dibromofluoromethane
Concen: 48.355 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion:113 Resp: 719088

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	23.7	19.2	28.8



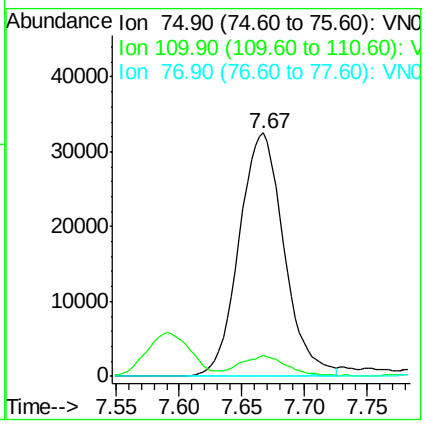


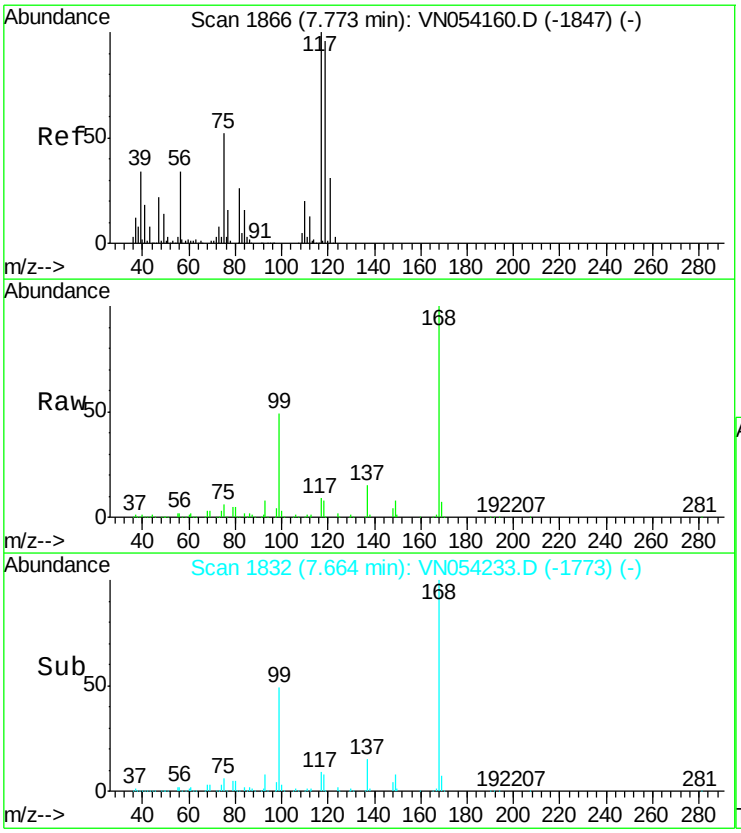
#36
1,1-Dichloropropene
Concen: 3.819 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.12 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81094

Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.1	57.5#
77	0.0	25.0	37.4#

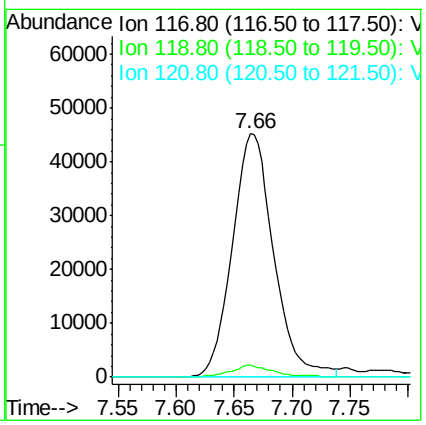


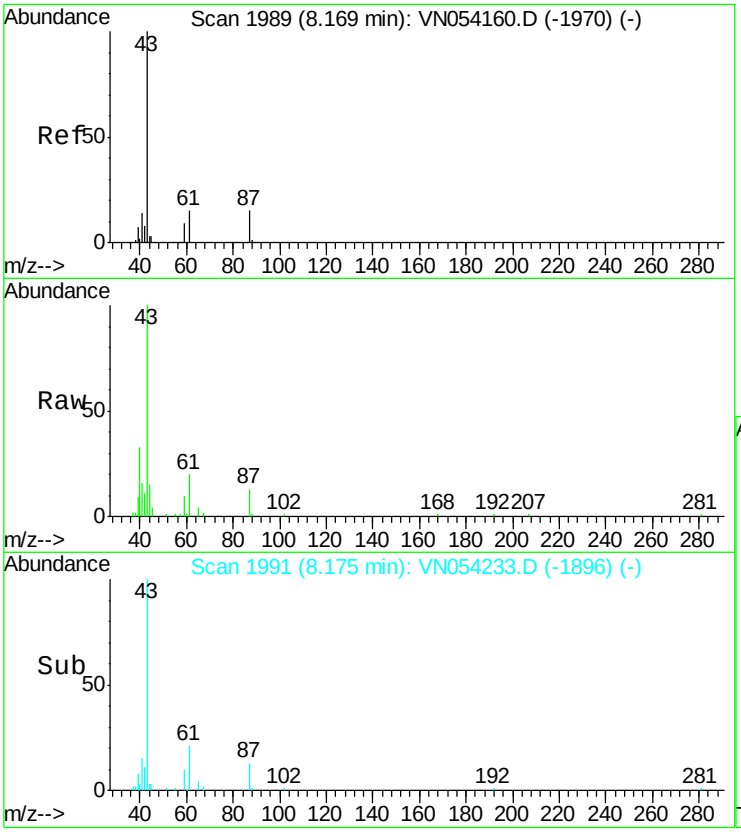


#38
Carbon Tetrachloride
Concen: 5.038 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion:117 Resp: 112177

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.3	114.5#
121	0.0	24.6	36.8#



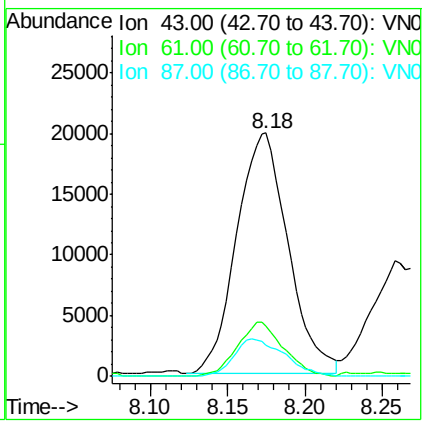


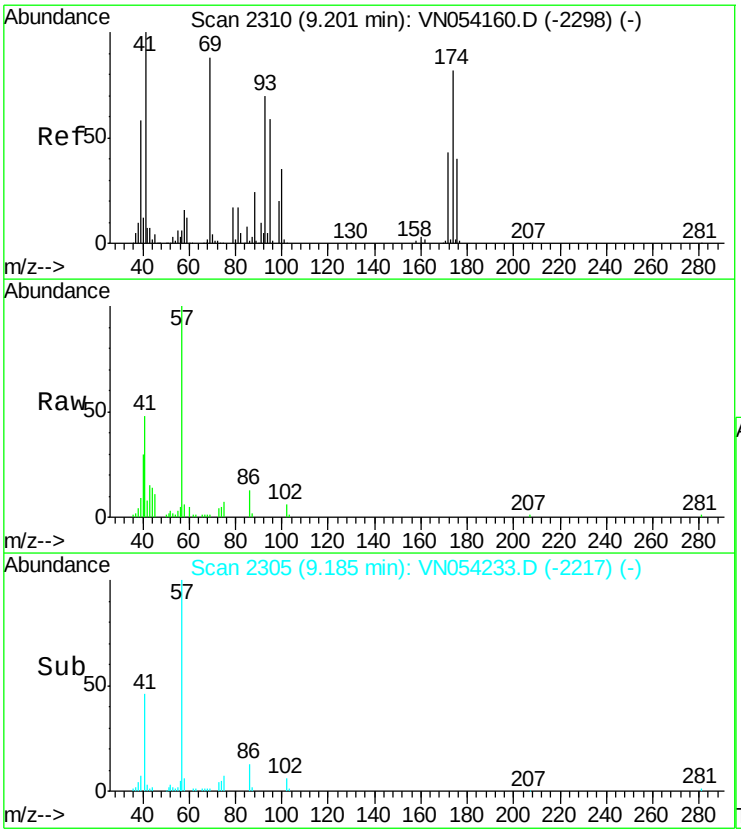
#43
Isopropyl Acetate
Concen: 2.147 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 45986

Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8
87	15.3	12.0	18.0

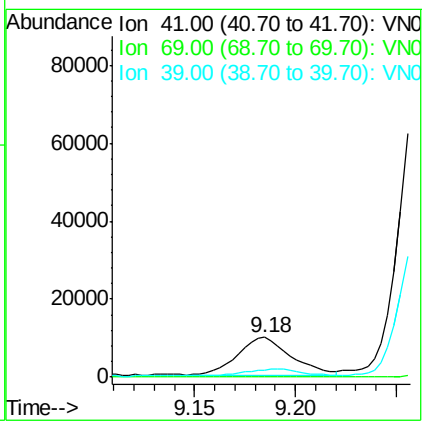


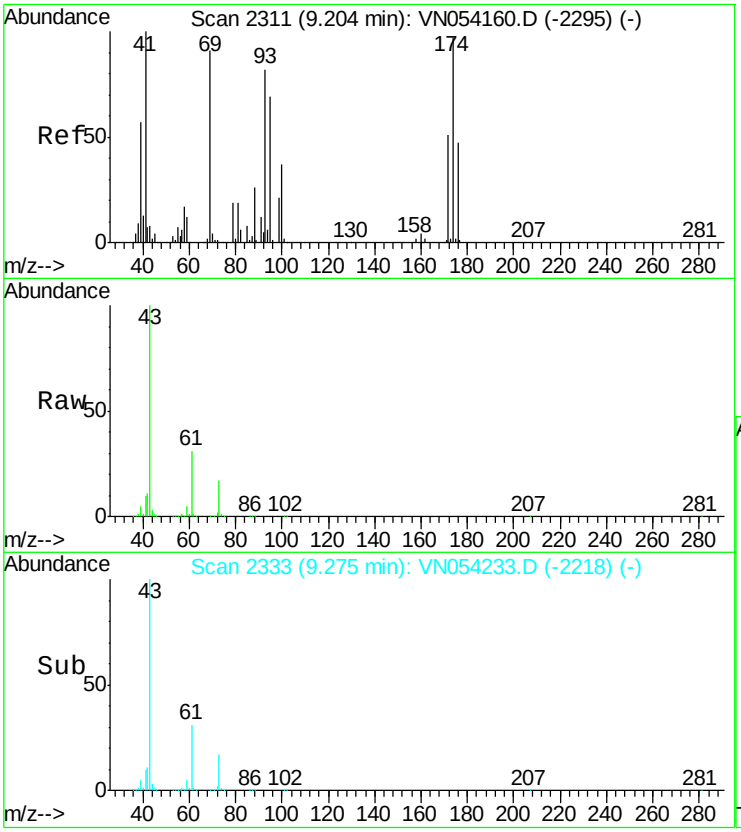


#48
Methyl methacrylate
Concen: 1.626 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 41 Resp: 17670

Ion	Ratio	Lower	Upper
41	100		
69	0.4	72.6	108.8#
39	0.0	47.5	71.3#



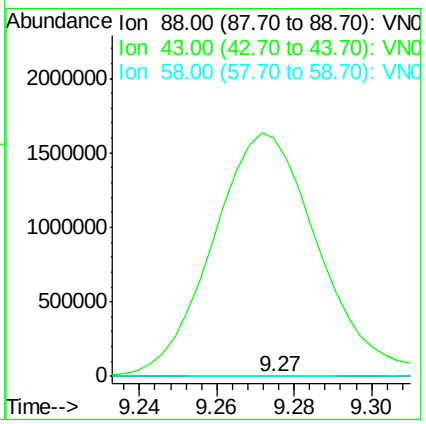


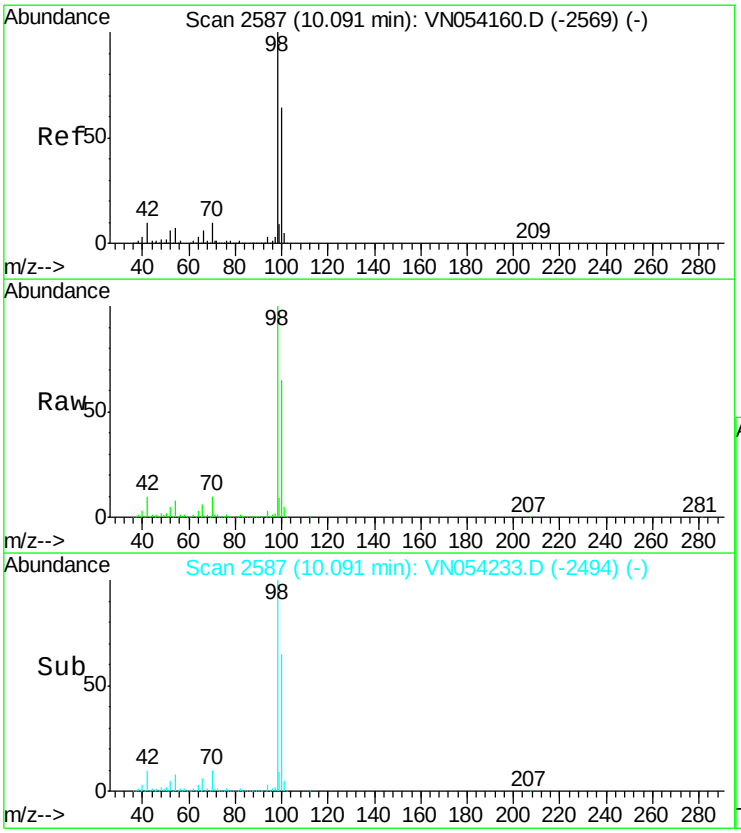
#49
1,4-Dioxane
Concen: 3.701 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 569

Ion	Ratio	Lower	Upper
88	100		
43	577263.8	24.1	36.1#
58	2170.5	50.8	76.2#

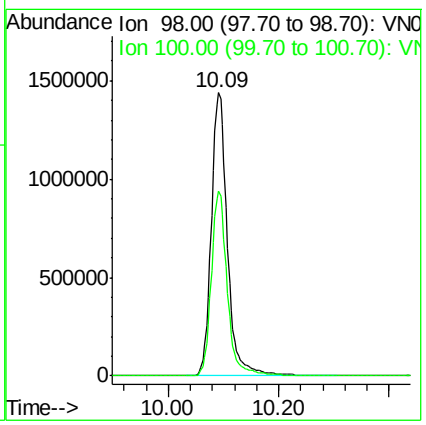


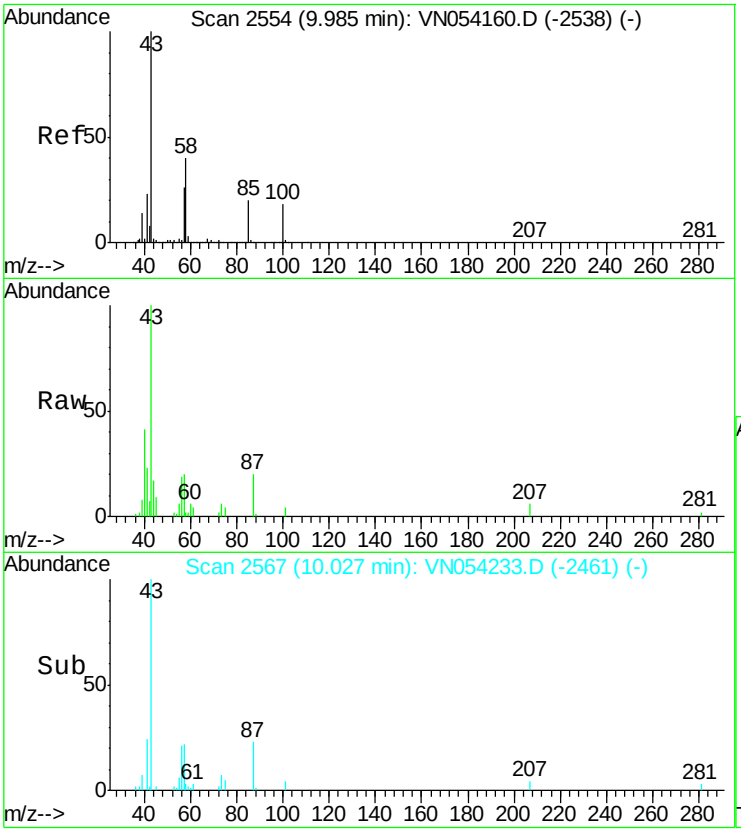


#50
Toluene-d8
Concen: 52.914 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 98 Resp: 2906055

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8



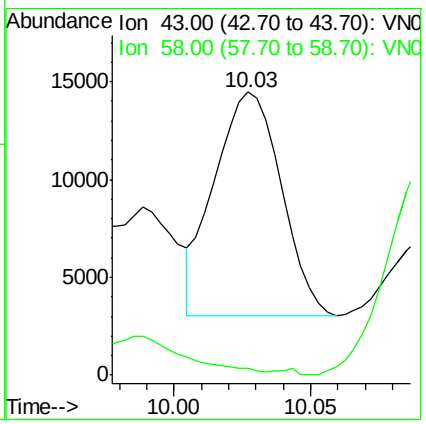


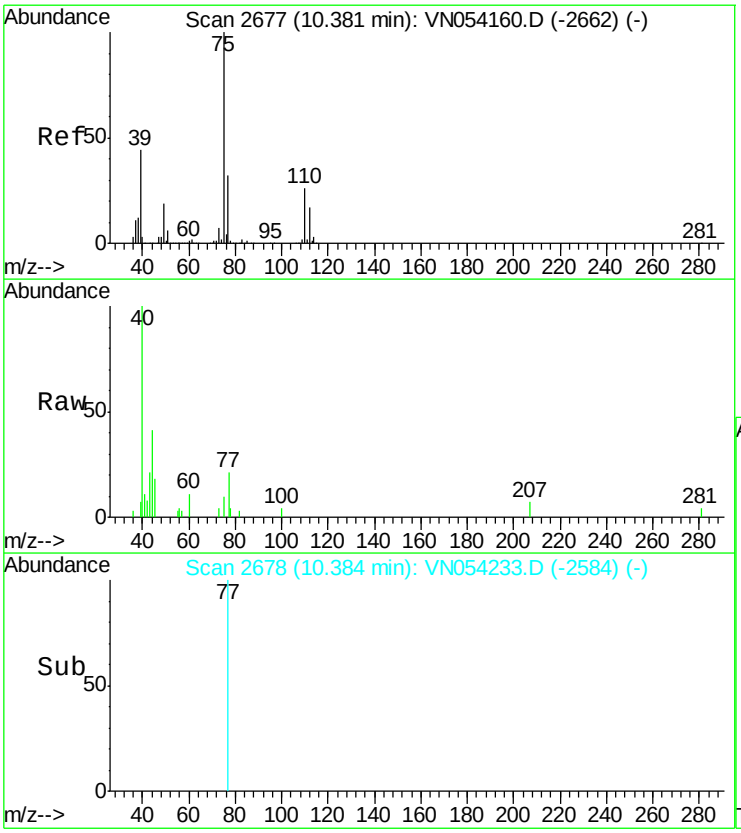
#51
4-Methyl-2-Pentanone
Concen: 1.715 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 19432

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#

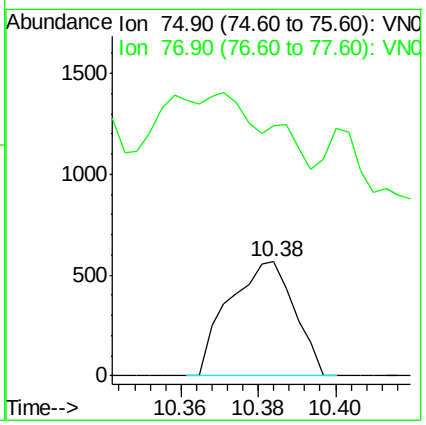


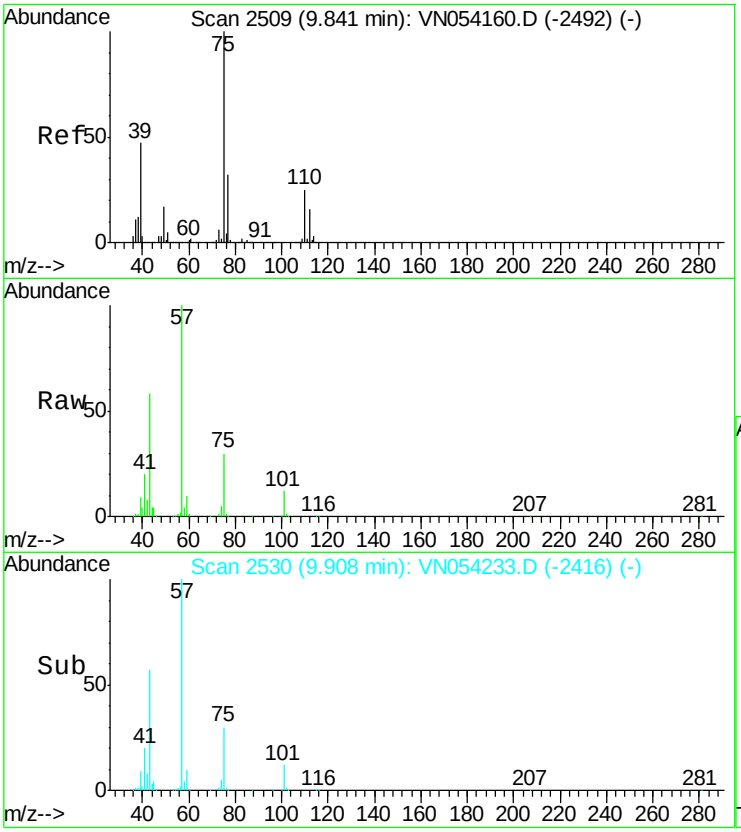


#53
t-1,3-Dichloropropene
Concen: 2.013 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 75 Resp: 667

Ion	Ratio	Lower	Upper
75	100		
77	2.7	25.8	38.8#



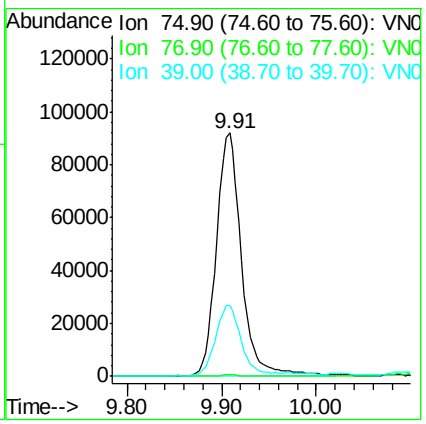


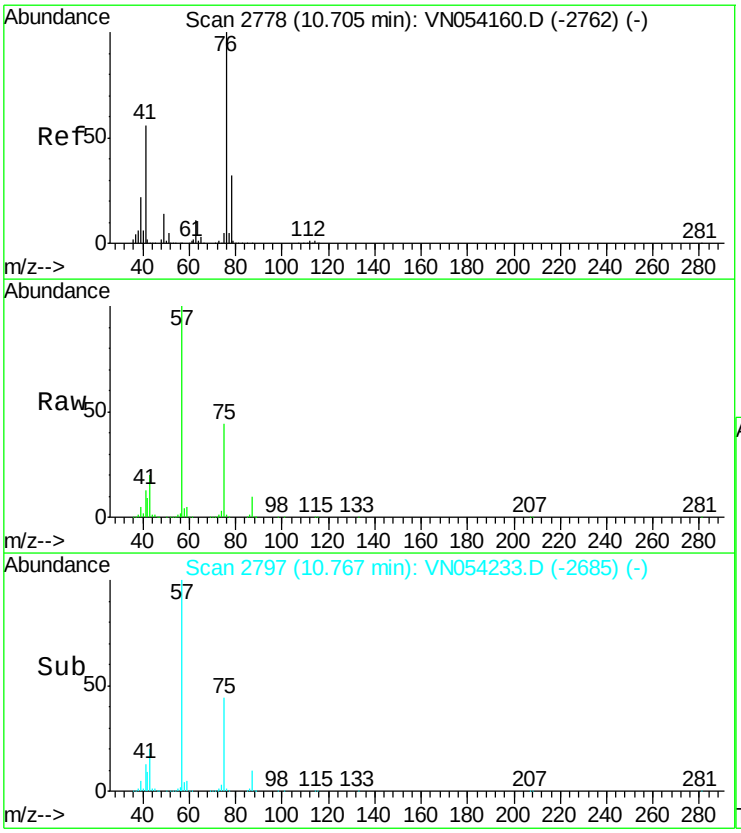
#54
cis-1,3-Dichloropropene
Concen: 7.068 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 168324

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.4	38.0#
39	29.0	37.2	55.8#

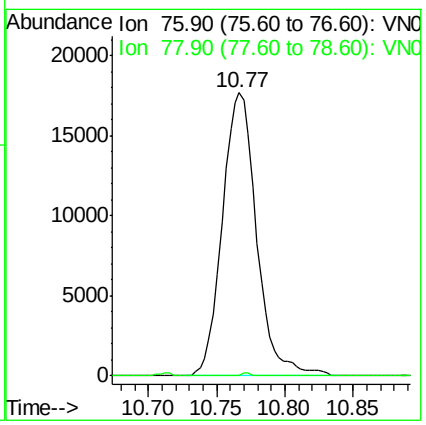


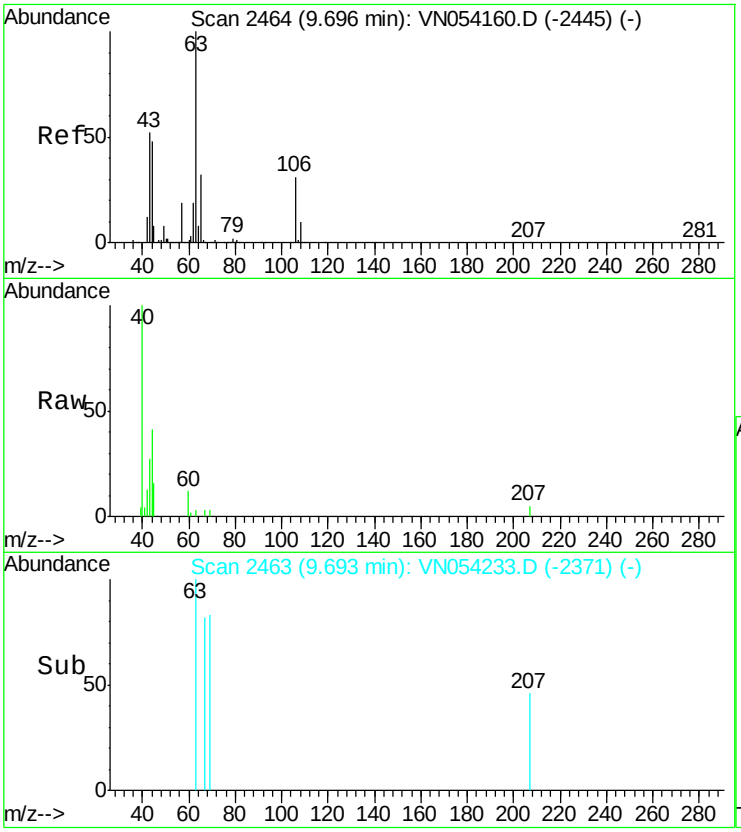


#57
1,3-Dichloropropane
Concen: 1.340 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 76 Resp: 30821

Ion	Ratio	Lower	Upper
76	100		
78	0.2	25.7	38.5#



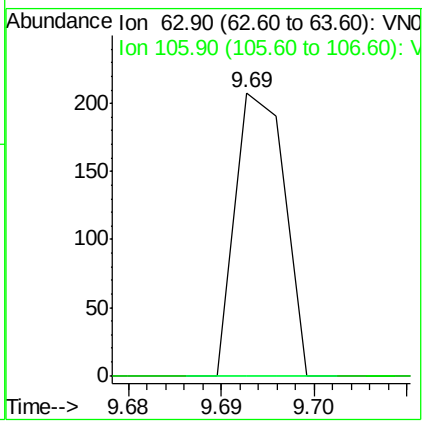


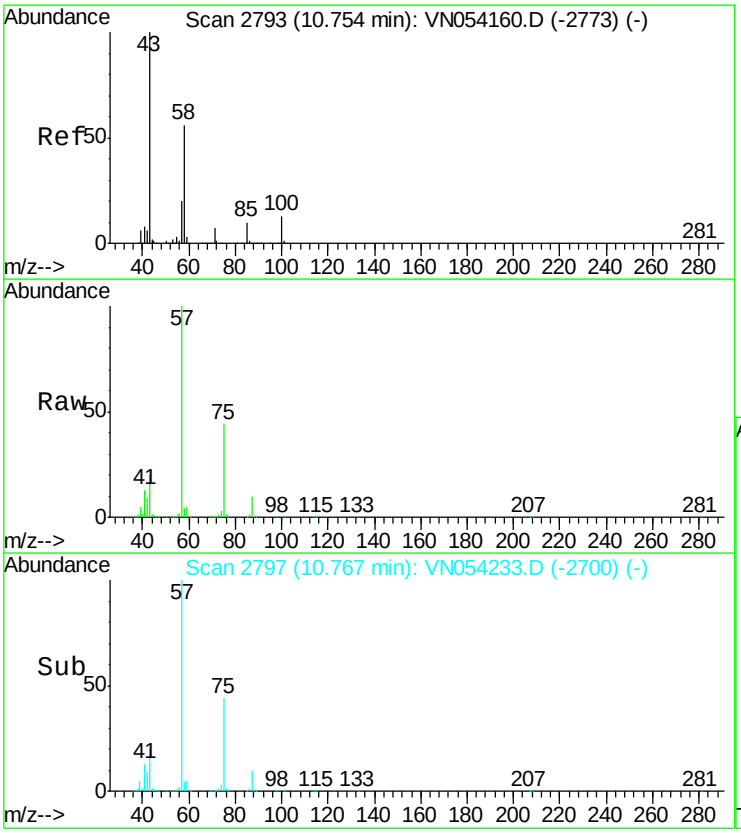
#58
2-Chloroethyl Vinyl ether
Concen: 16.838 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 77

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.4	36.6#

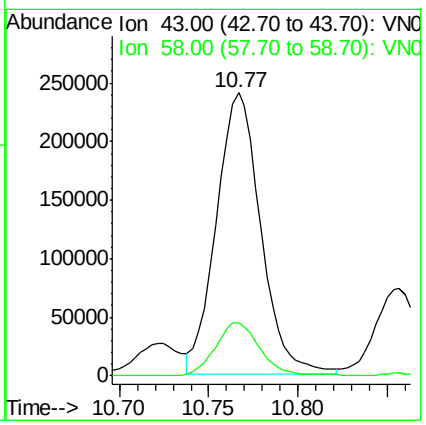


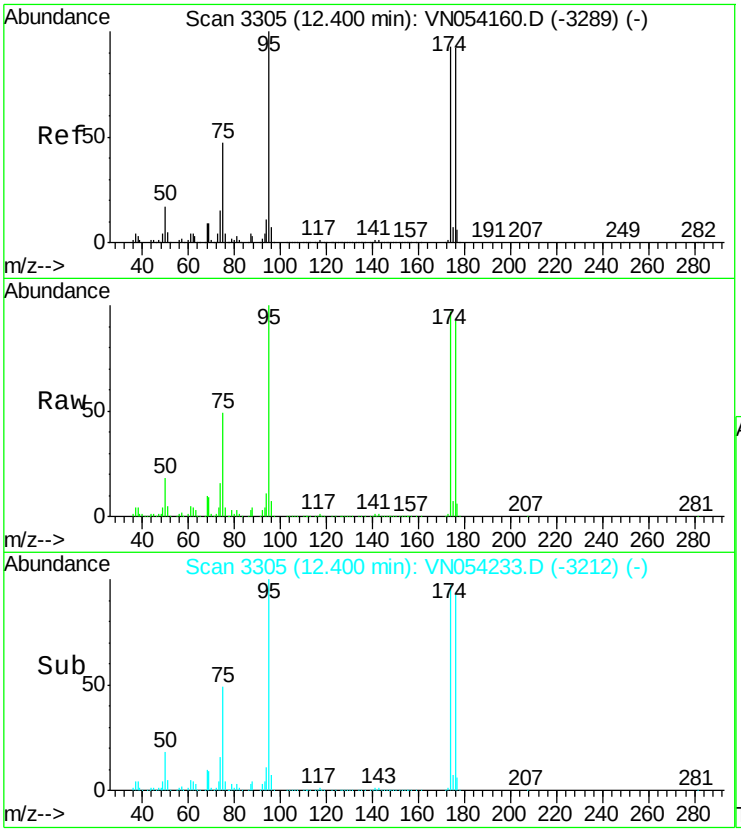


#59
2-Hexanone
Concen: 55.174 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 43 Resp: 416072

Ion	Ratio	Lower	Upper
43	100		
58	19.2	28.0	83.9#



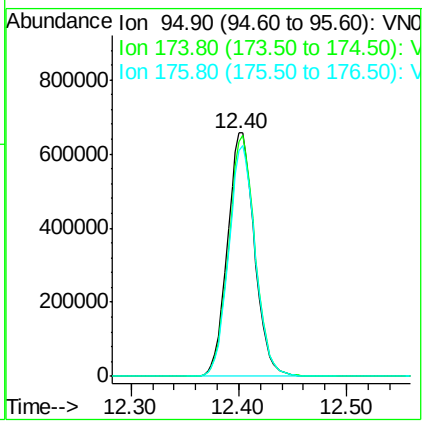


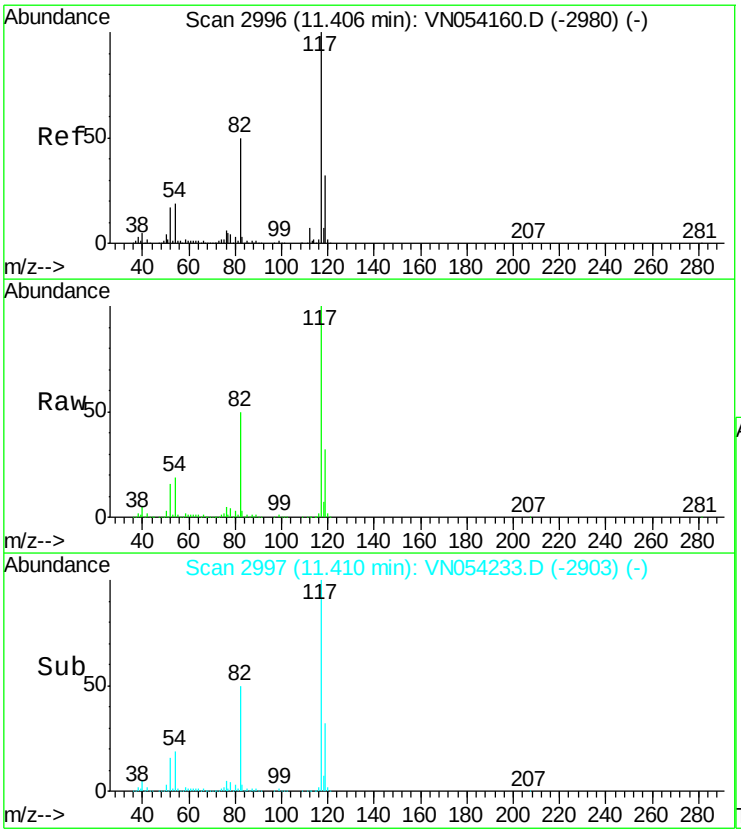
#62
4-Bromofluorobenzene
Concen: 59.558 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 1144506

Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	191.0
176	93.8	0.0	187.4

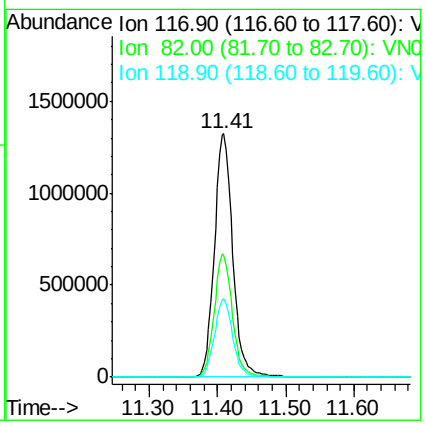


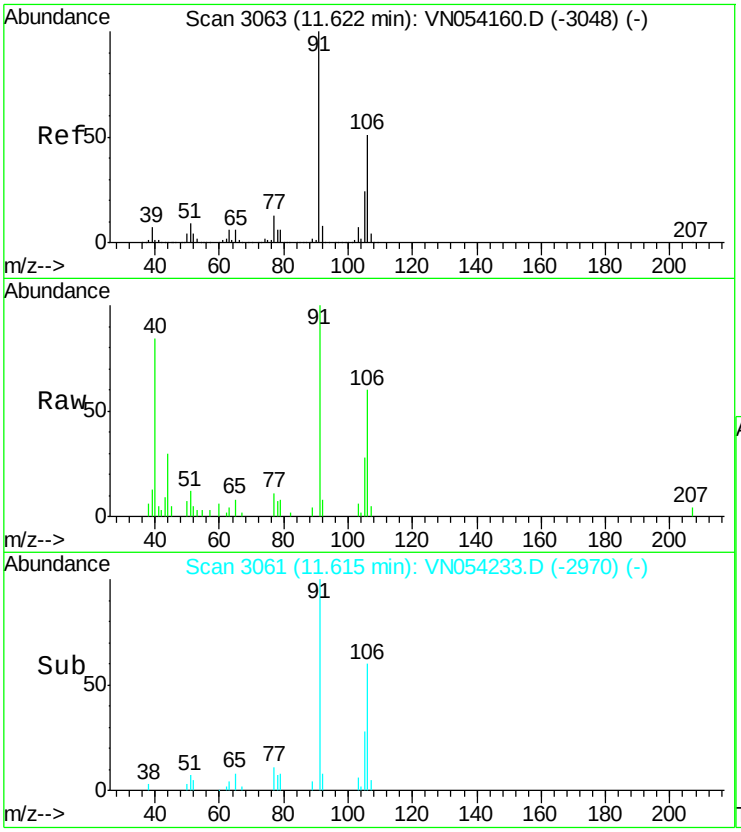


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion:117 Resp: 2473851

Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.0	60.0
119	32.0	25.8	38.6



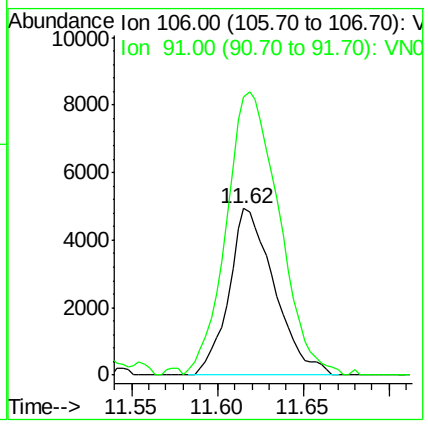


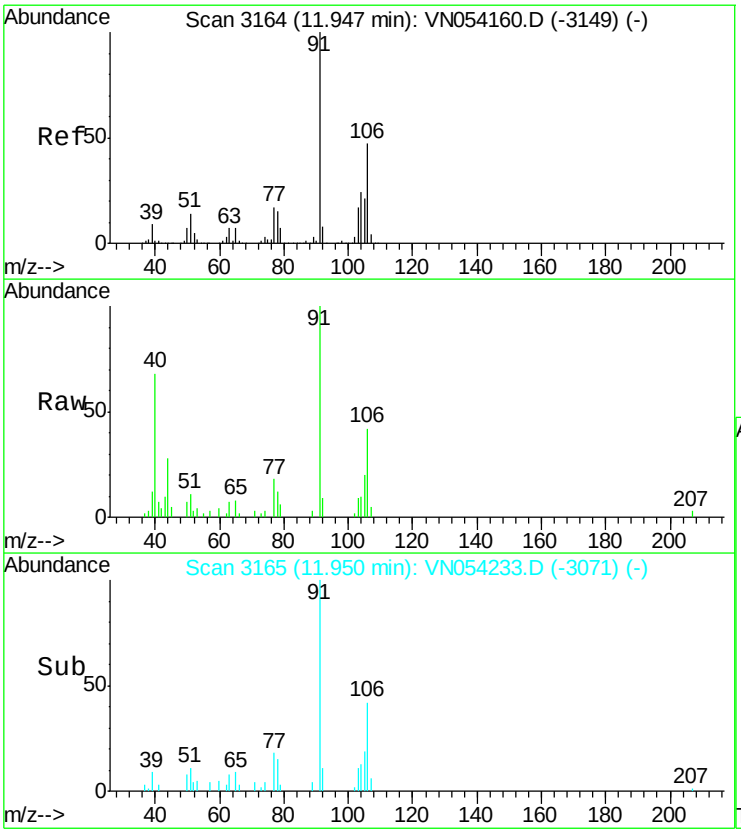
#68
m/p-Xylenes
Concen: 0.258 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 9063

Ion	Ratio	Lower	Upper
106	100		
91	197.4	159.4	239.2

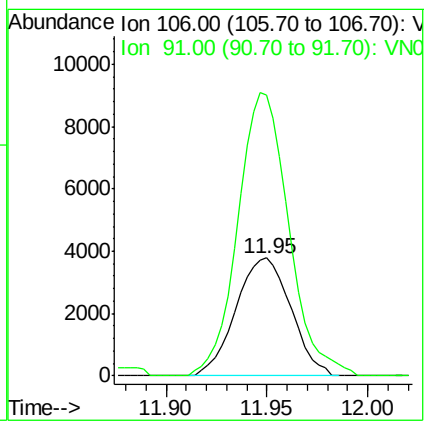


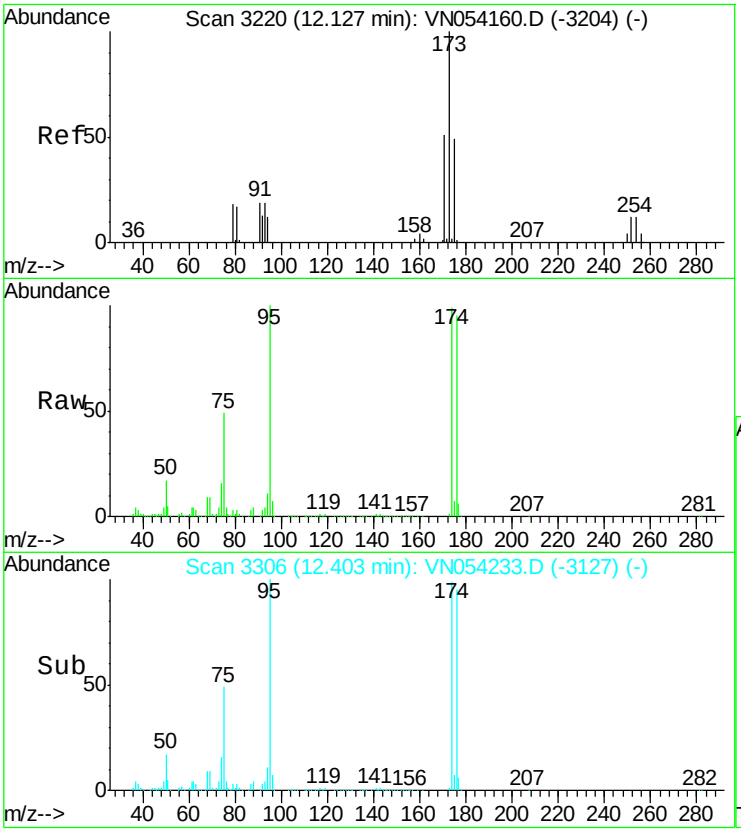


#69
o-Xylene
Concen: 0.210 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion:106 Resp: 7207

Ion	Ratio	Lower	Upper
106	100		
91	222.6	105.7	317.1



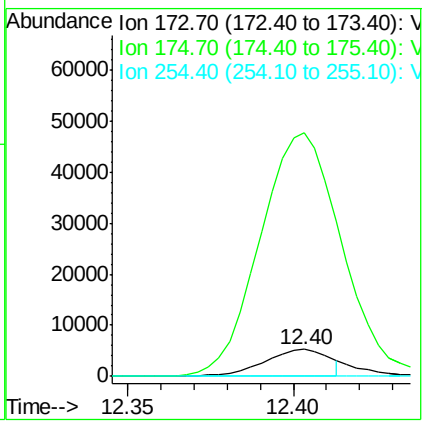


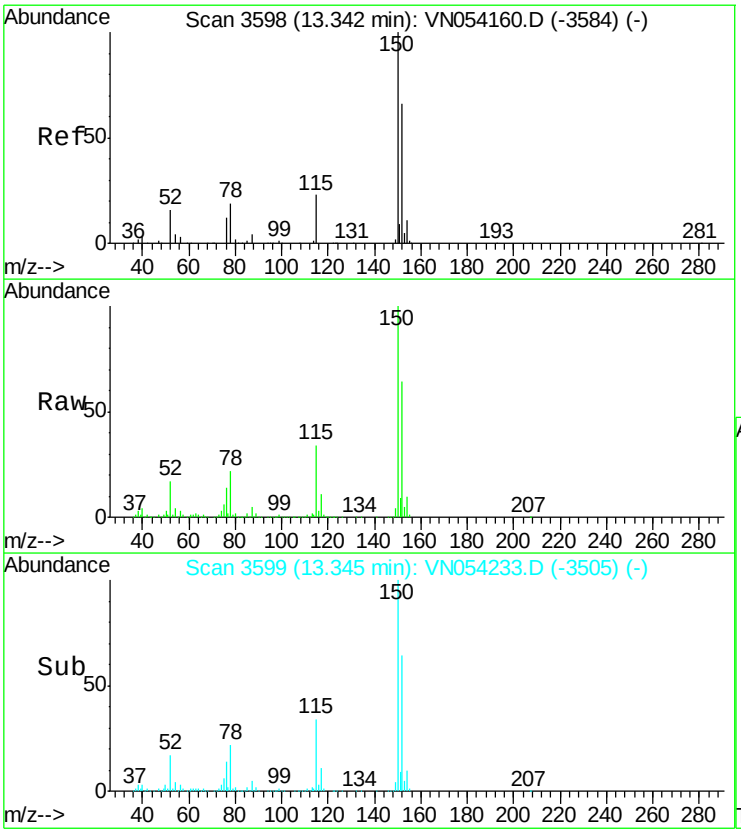
#71
Bromoform
Concen: 2.801 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 7115

Ion	Ratio	Lower	Upper
173	100		
175	981.0	24.4	73.2#
254	0.0	0.1	0.1#

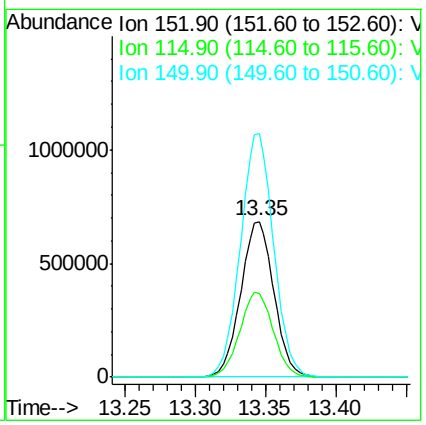


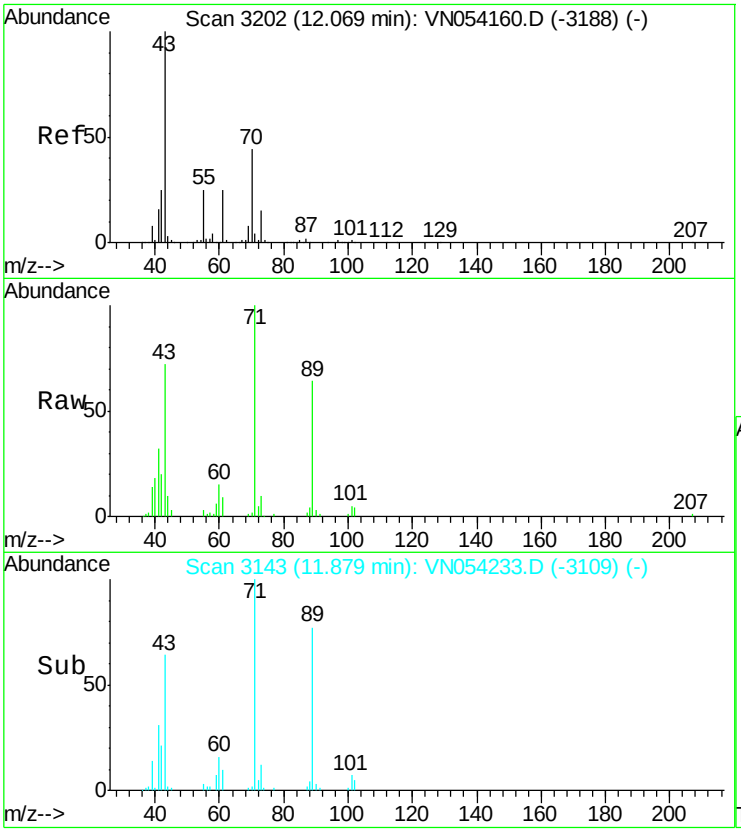


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion:152 Resp: 1128075

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.2	81.6
150	156.6	0.0	349.2



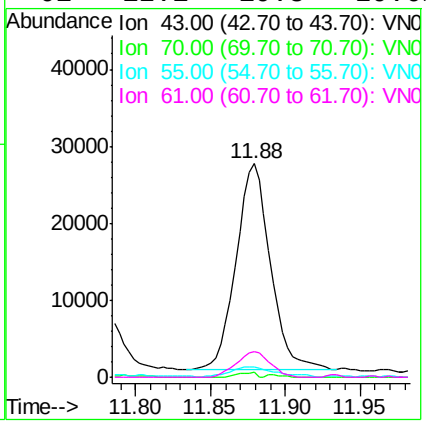


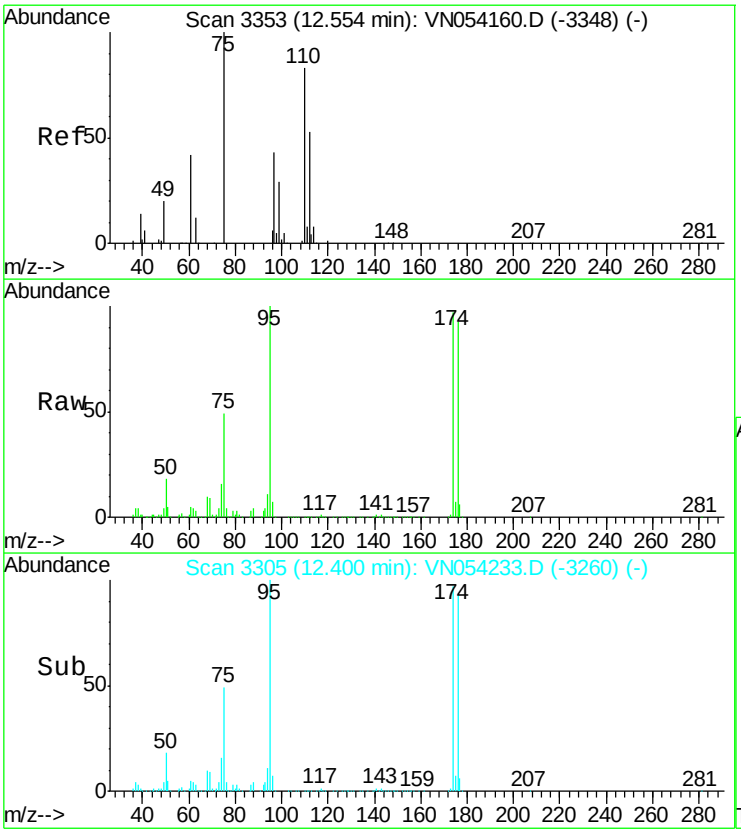
#74
N-amyl acetate
Concen: 2.141 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 42885

Ion	Ratio	Lower	Upper
43	100		
70	1.3	35.4	53.0#
55	6.7	19.8	29.6#
61	12.1	19.8	29.6#

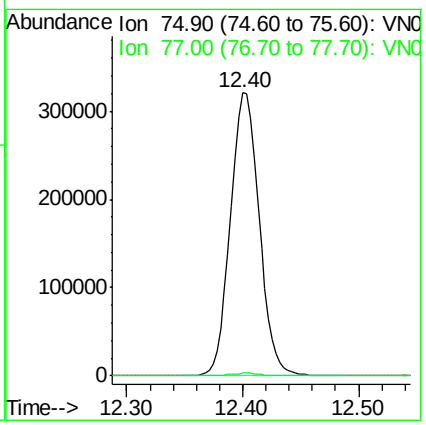


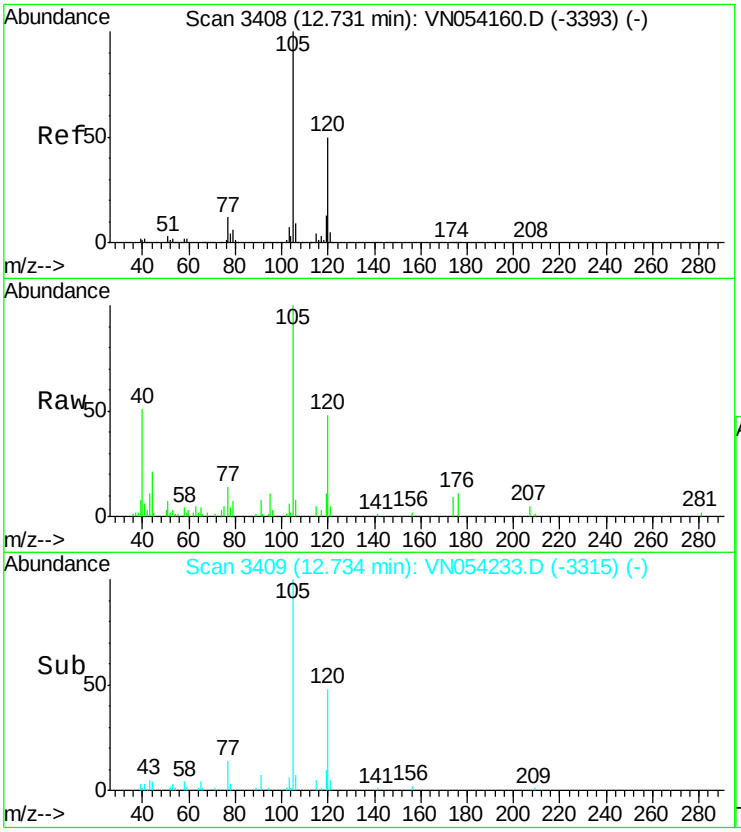


#76
1,2,3-Trichloropropane
Concen: 33.364 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 75 Resp: 553472

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



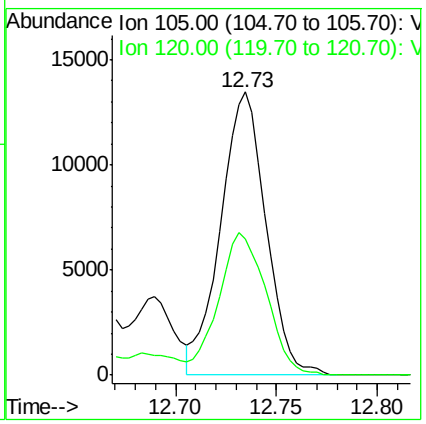


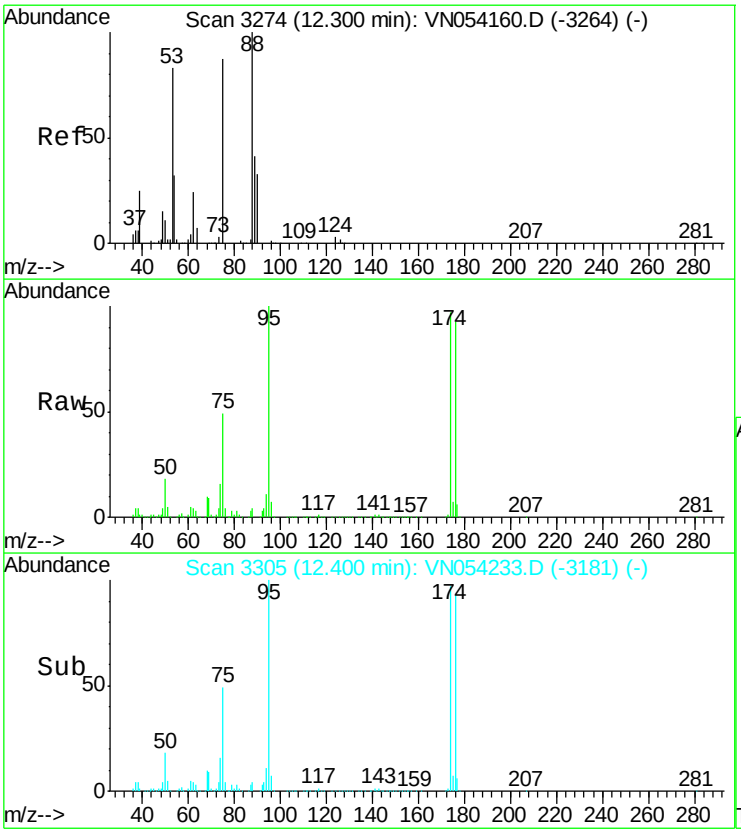
#80
1,3,5-Trimethylbenzene
Concen: 0.282 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 21178

Ion	Ratio	Lower	Upper
105	100		
120	52.8	25.0	75.0

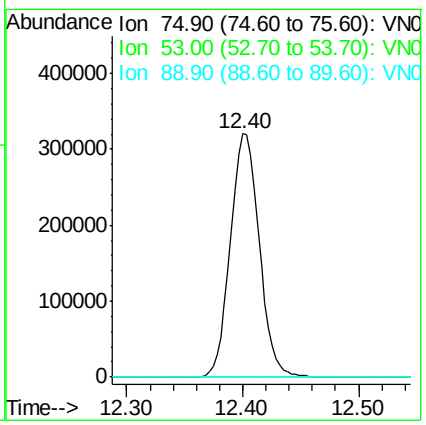


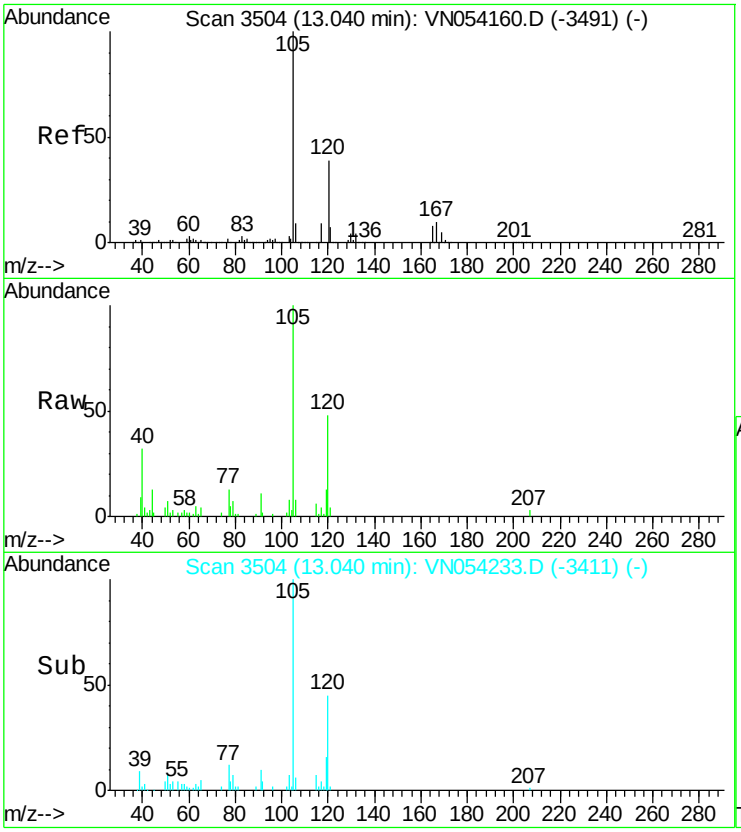


#81
trans-1,4-Dichloro-2-butene
Concen: 114.053 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 75 Resp: 553472

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.0	39.2	58.8#



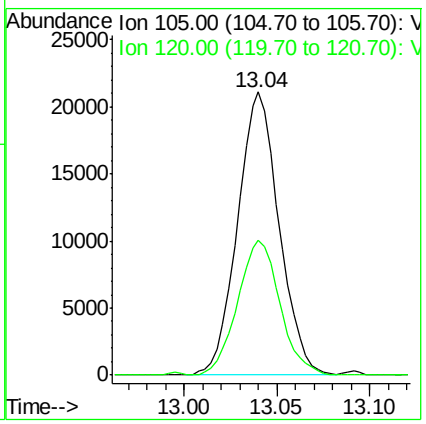


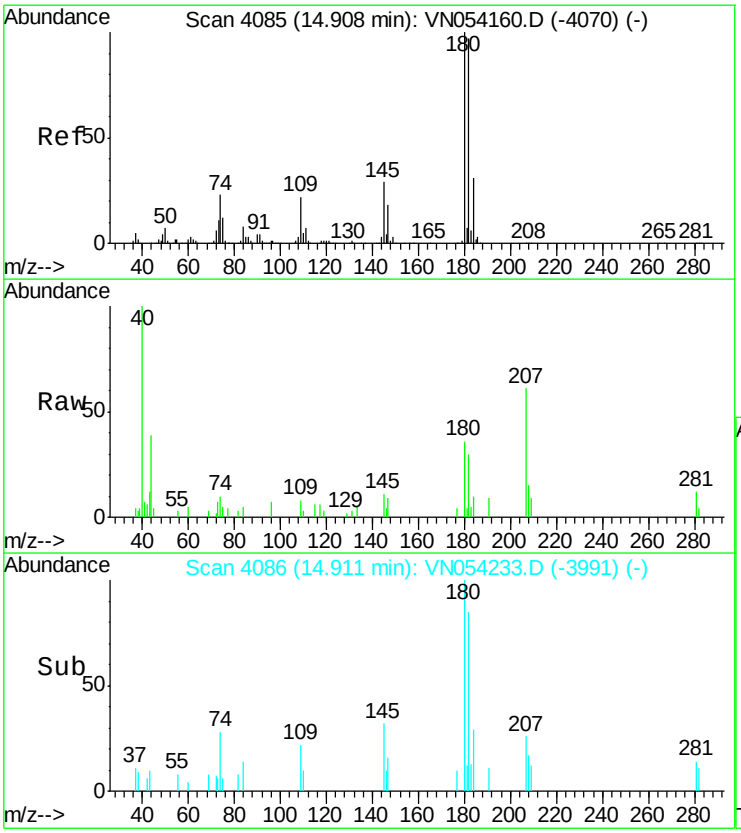
#84
1,2,4-Trimethylbenzene
Concen: 0.446 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 32842

Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.4	70.3

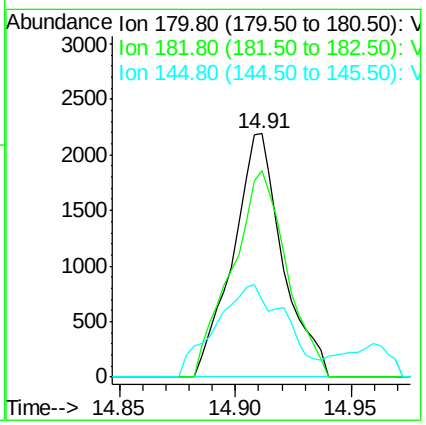


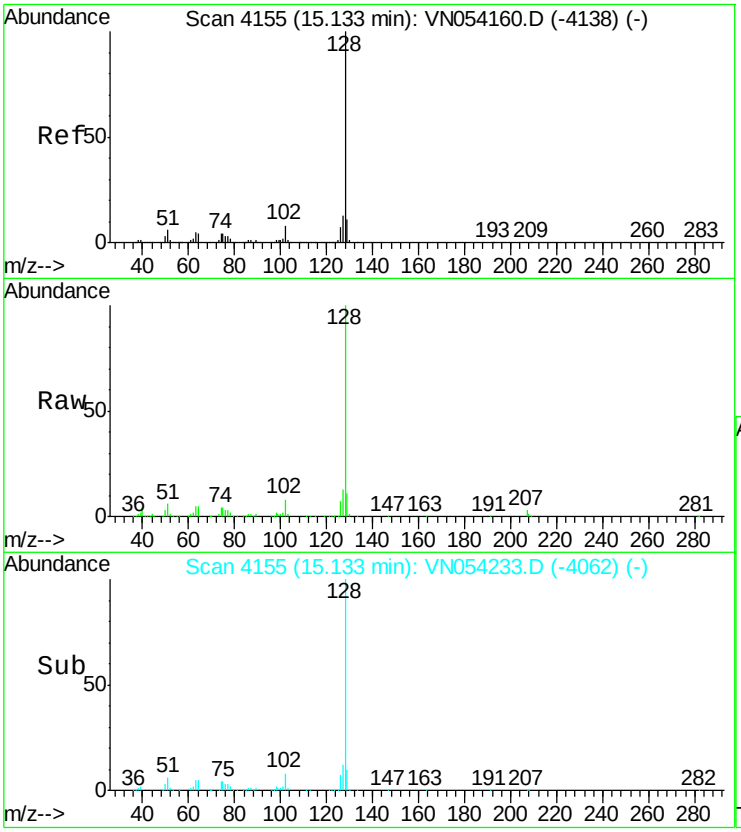


#93
1,2,4-Trichlorobenzene
Concen: 2.647 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion:180 Resp: 3274

Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.0	144.2
145	53.5	14.2	42.8#





#95
Naphthalene
Concen: 9.274 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 308611

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.8	8.7	13.1