Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054171.D
Acq On : 12 Mar 2019 18:41
Operator : JC/SP
Sample : K1837-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MR-MH-06-COMP

Quant Time: Mar 13 07:27:39 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	1384372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2367077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2427575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1007993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	771358	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.94%			
35) Dibromofluoromethane	7.59	113	741252	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.10%			
50) Toluene-d8	10.09	98	2934197	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.08%			
62) 4-Bromofluorobenzene	12.40	95	1082786	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.78%			
Target Compounds						Qvalue
10) Methyl Iodide	3.95	142	1069	1.547	ug/l #	83
11) Tert butyl alcohol	4.81	59	278	0.276	ug/l #	1
16) Acetone	3.82	43	110264	26.194	ug/l	94
18) Methyl Acetate	4.33	43	2450	0.288	ug/l	92
20) Methylene Chloride	4.55	84	22518	1.629	ug/l	94
25) 2-Butanone	6.86	43	8494	1.719	ug/l	93
29) Tetrahydrofuran	7.23	42	3975	1.251	ug/l #	65
30) Chloroform	7.37	83	7600	0.308	ug/l	84
31) Cyclohexane	7.66	56	24204	Below Cal	#	8
36) 1,1-Dichloropropene	7.66	75	86277	3.958	ug/l #	47
37) Ethyl Acetate	6.86	43	8494	0.678	ug/l #	75
38) Carbon Tetrachloride	7.66	117	118086	5.166	ug/l #	16
43) Isopropyl Acetate	8.17	43	38337	1.744	ug/l	98
48) Methyl methacrylate	9.19	41	13541	1.214	ug/l #	21
49) 1,4-Dioxane	9.27	88	67	0.425	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	13656	1.174	ug/l	95
53) t-1,3-Dichloropropene	10.39	75	1022	2.027	ug/l #	75
54) cis-1,3-Dichloropropene	9.90	75	132123	5.404	ug/l #	61
57) 1,3-Dichloropropane	10.77	76	16806	0.712	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	149	16.847	ug/l #	80
59) 2-Hexanone	10.77	43	225015	29.065	ug/l #	51
71) Bromoform	12.40	173	5353	2.696	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	522794	35.269	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	522794	120.566	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	6911	2.826	ug/l	90
94) Hexachlorobutadiene	15.01	225	2882	0.215	ug/l	96
95) Naphthalene	15.14	128	14401	3.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	5706	0.306	ug/l	91

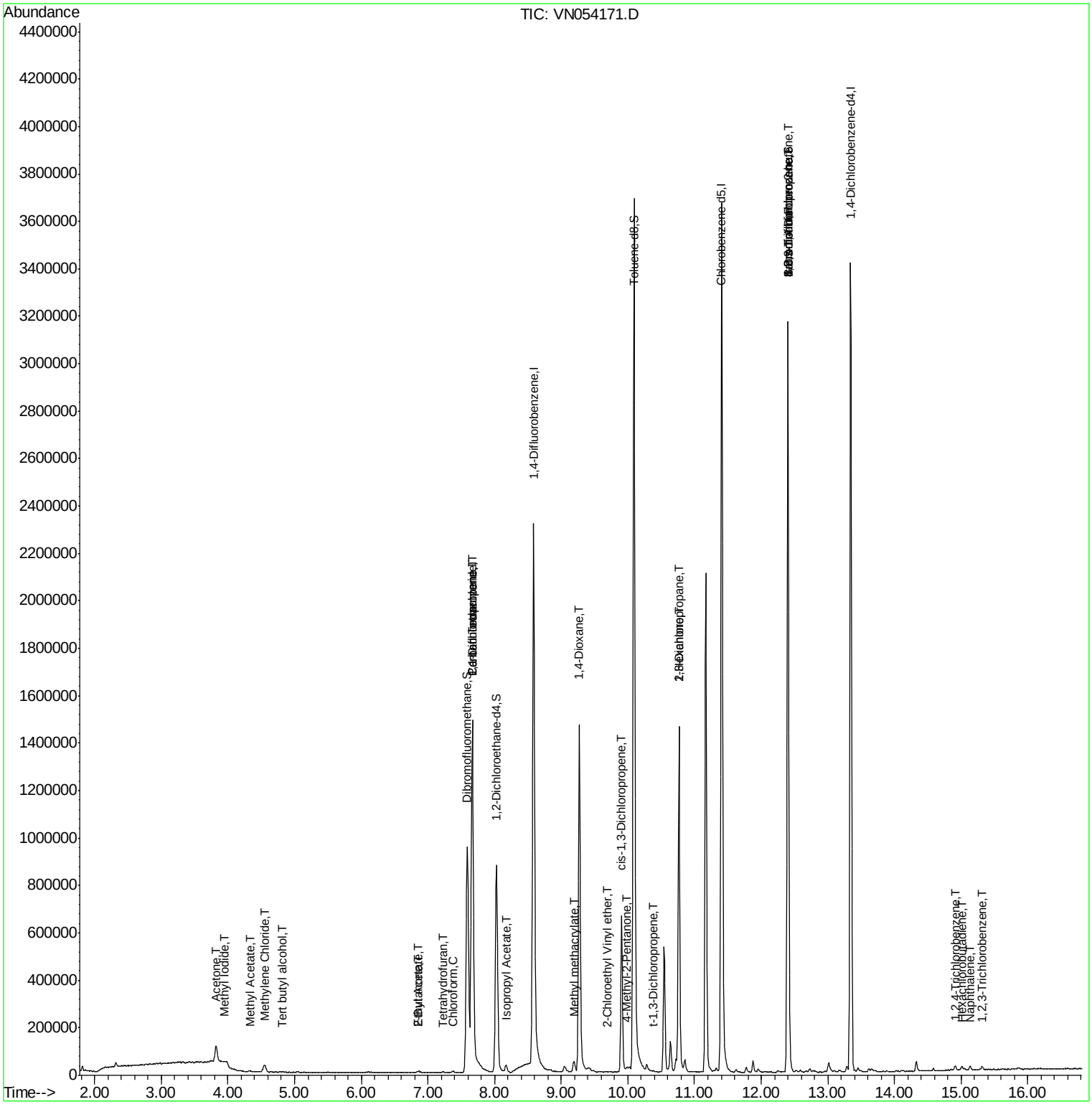
(#) = qualifier out of range (m) = manual integration (+) = signals summed

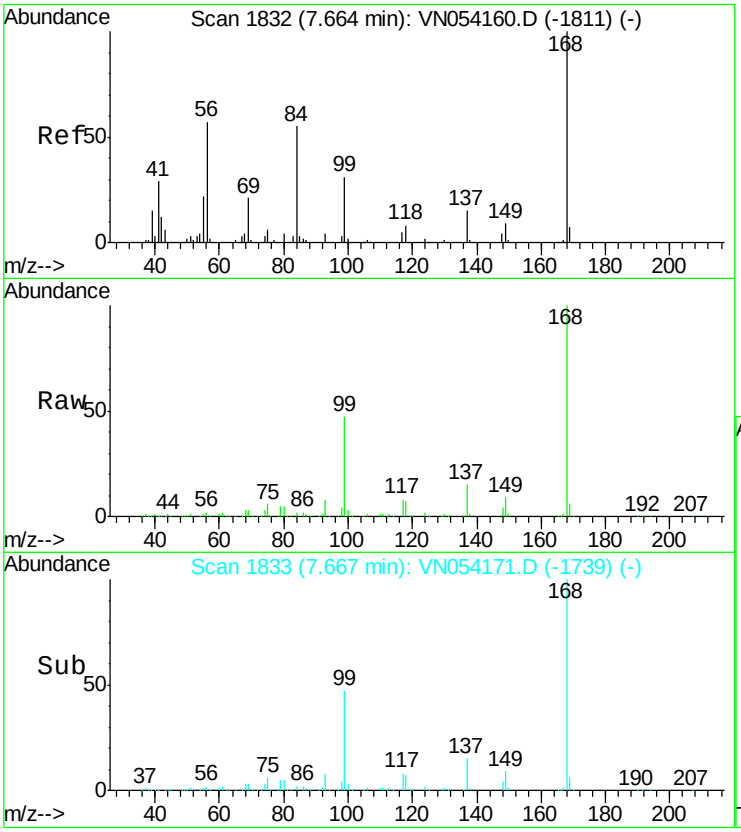
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054171.D
Acq On : 12 Mar 2019 18:41
Operator : JC/SP
Sample : K1837-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MR-MH-06-COMP

Quant Time: Mar 13 07:27:39 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



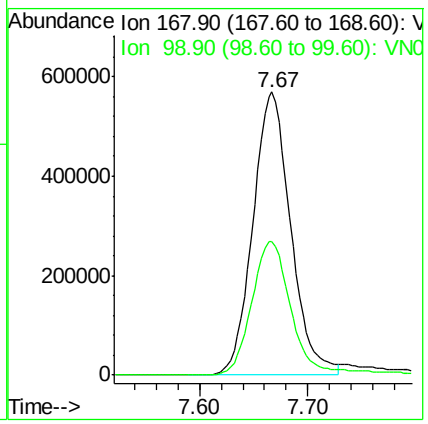


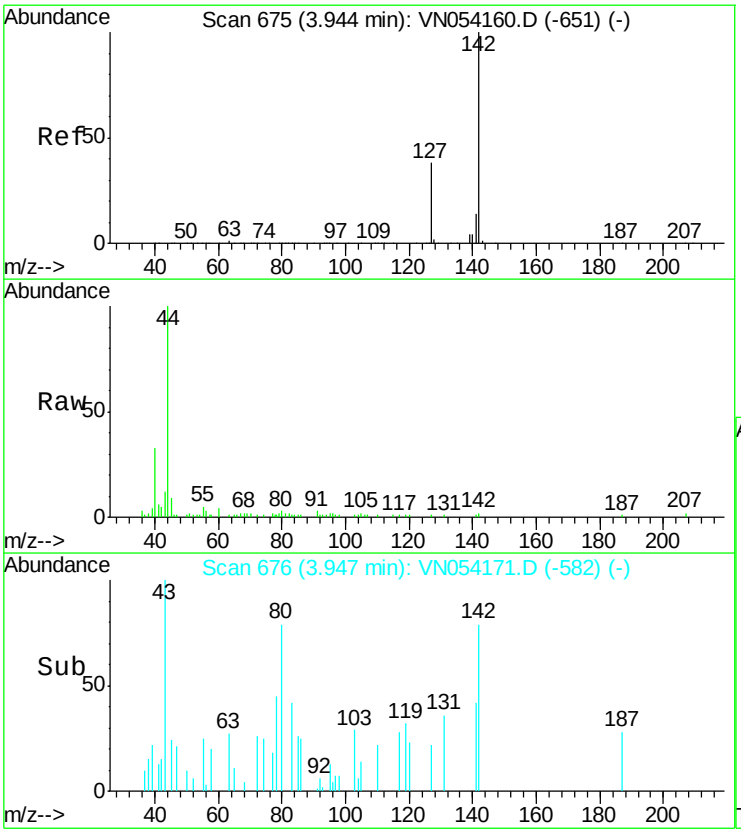
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument : MSVOA_N
ClientSampleId : MR-MH-06-COMP

Tgt Ion:168 Resp: 1384372

Ion	Ratio	Lower	Upper
168	100		
99	47.2	37.1	55.7

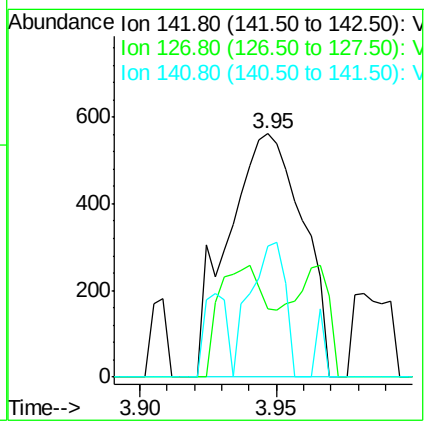


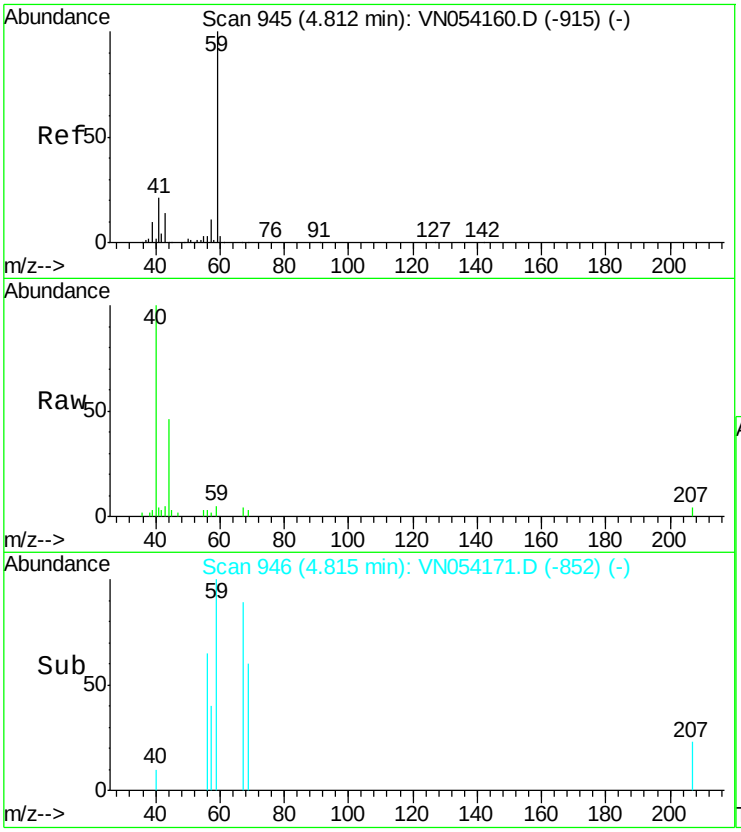


#10
Methyl Iodide
Concen: 1.547 ug/l
RT: 3.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion:142 Resp: 1069

Ion	Ratio	Lower	Upper
142	100		
127	30.0	30.3	45.5#
141	25.6	11.2	16.8#



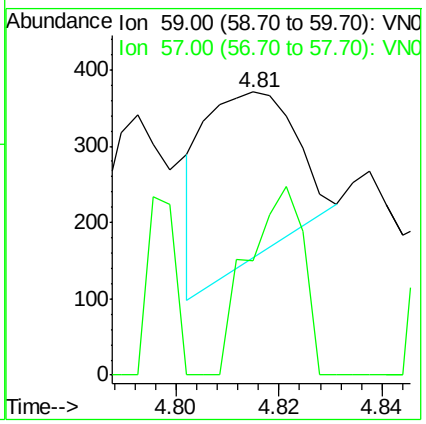


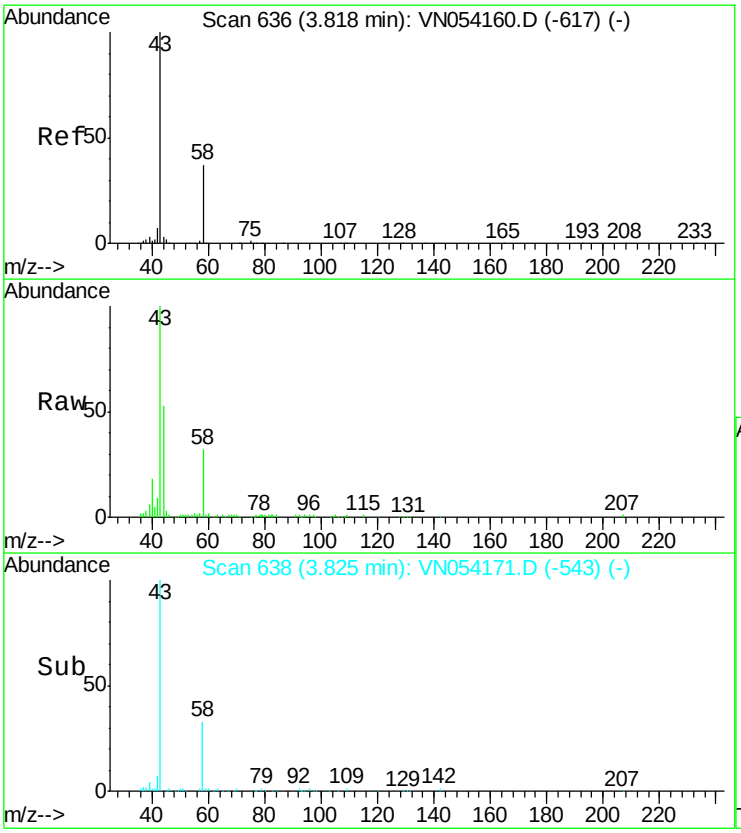
#11
Tert butyl alcohol
Concen: 0.276 ug/l
RT: 4.81 min Scan# 946
Delta R.T. 0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument : MSVOA_N
ClientSampleId : MR-MH-06-COMP

Tgt Ion: 59 Resp: 278

Ion	Ratio	Lower	Upper
59	100		
57	65.8	9.0	13.6#

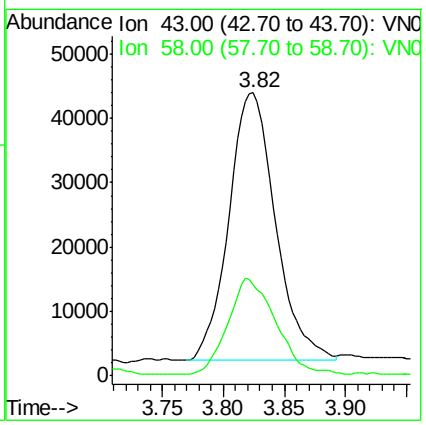


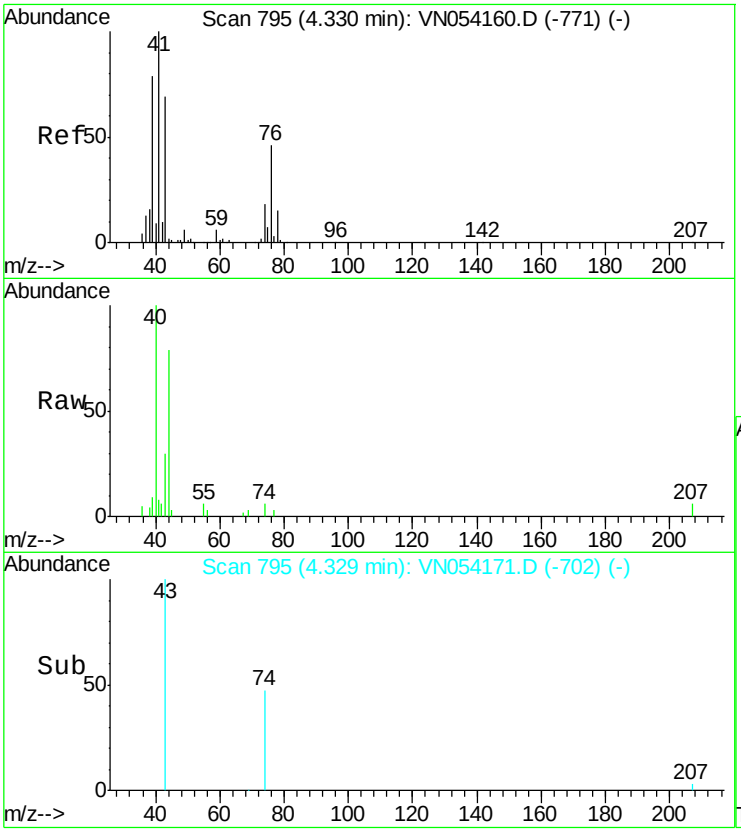


#16
Acetone
Concen: 26.194 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 43 Resp: 110264

Ion	Ratio	Lower	Upper
43	100		
58	33.5	29.9	44.9



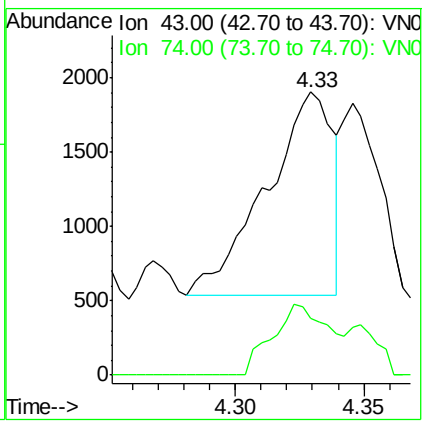


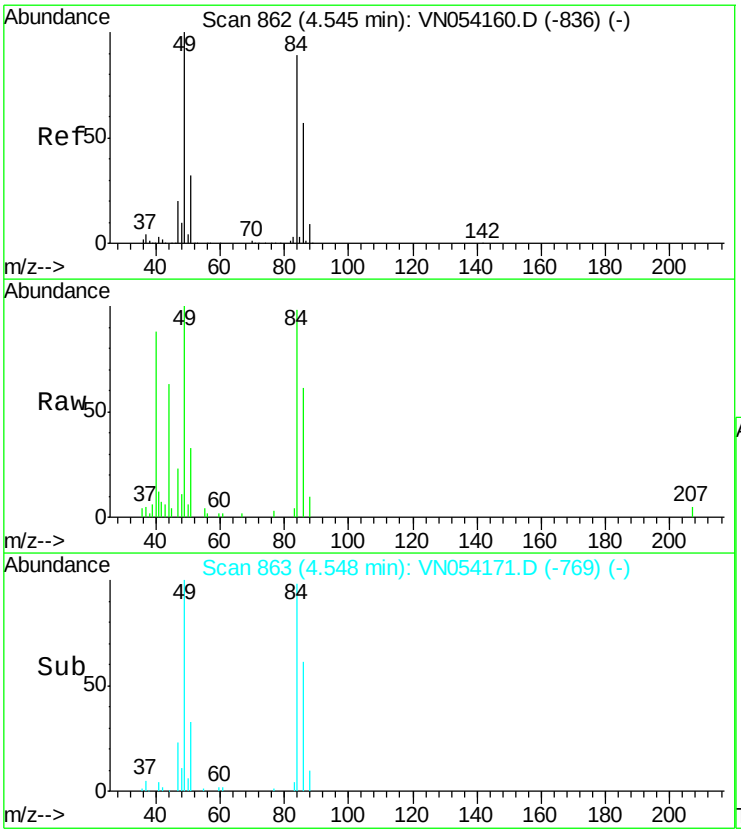
#18
Methyl Acetate
Concen: 0.288 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 43 Resp: 2450

Ion	Ratio	Lower	Upper
43	100		
74	30.0	20.8	31.2

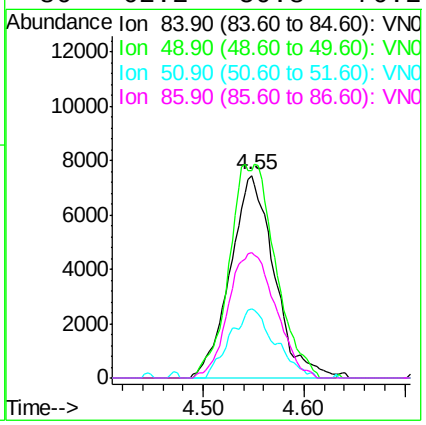


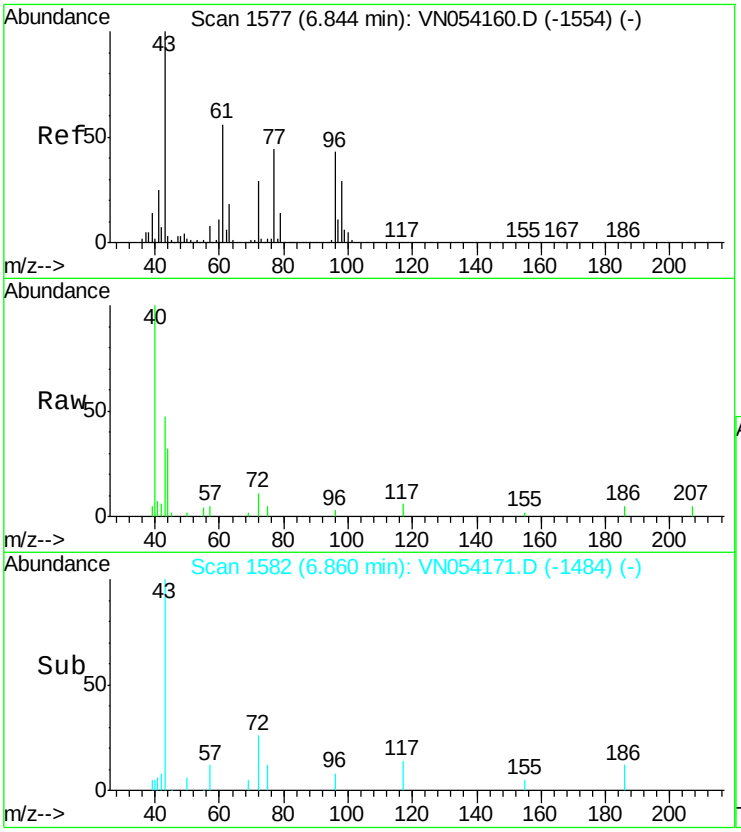


#20
Methylene Chloride
Concen: 1.629 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 84 Resp: 22518

Ion	Ratio	Lower	Upper
84	100		
49	102.4	89.7	134.5
51	34.2	28.2	42.4
86	62.2	50.8	76.2



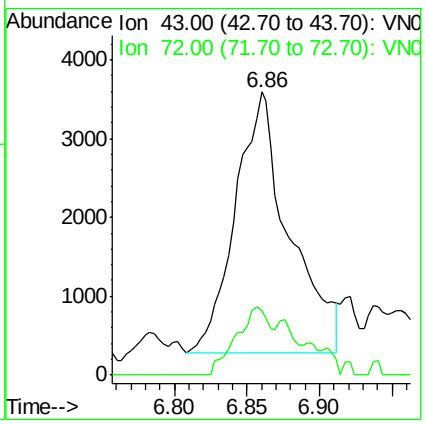


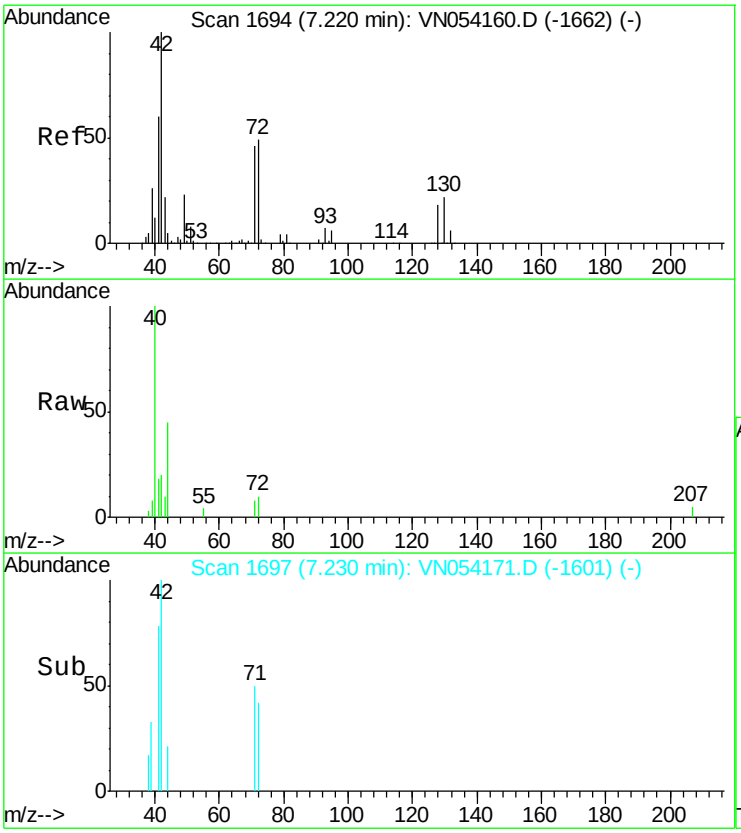
#25
2-Butanone
Concen: 1.719 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 43 Resp: 8494

Ion	Ratio	Lower	Upper
43	100		
72	24.9	23.0	34.6

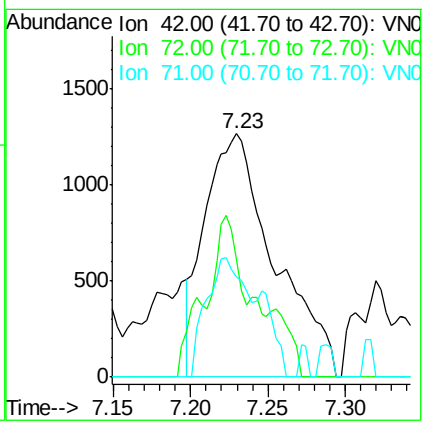


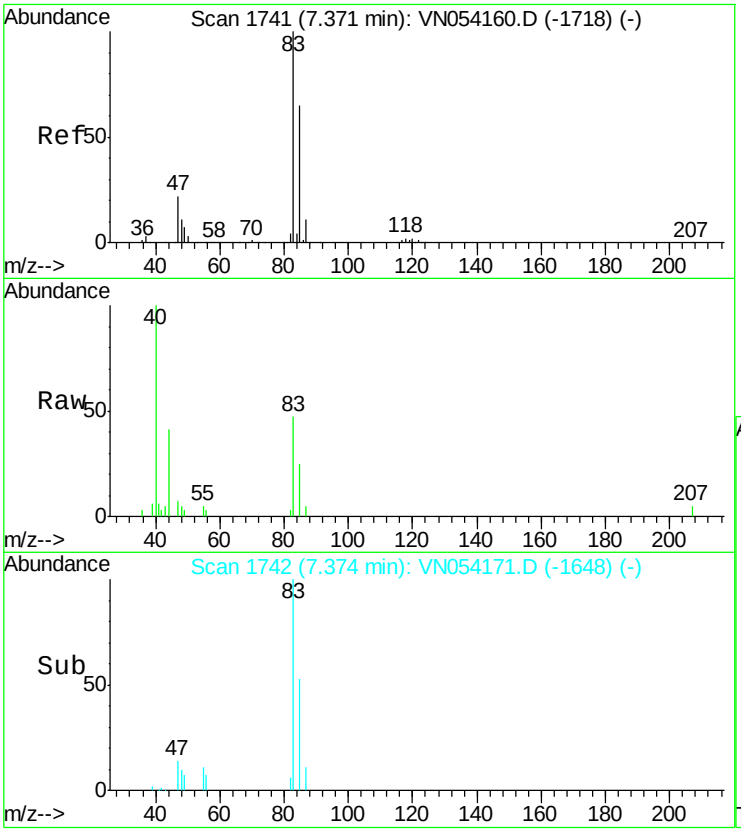


#29
Tetrahydrofuran
Concen: 1.251 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 42 Resp: 3975

Ion	Ratio	Lower	Upper
42	100		
72	18.4	37.8	56.6#
71	27.4	36.2	54.2#



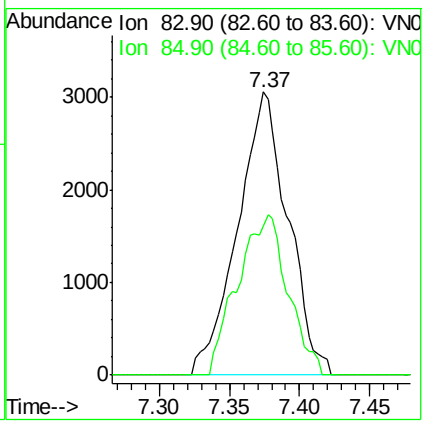


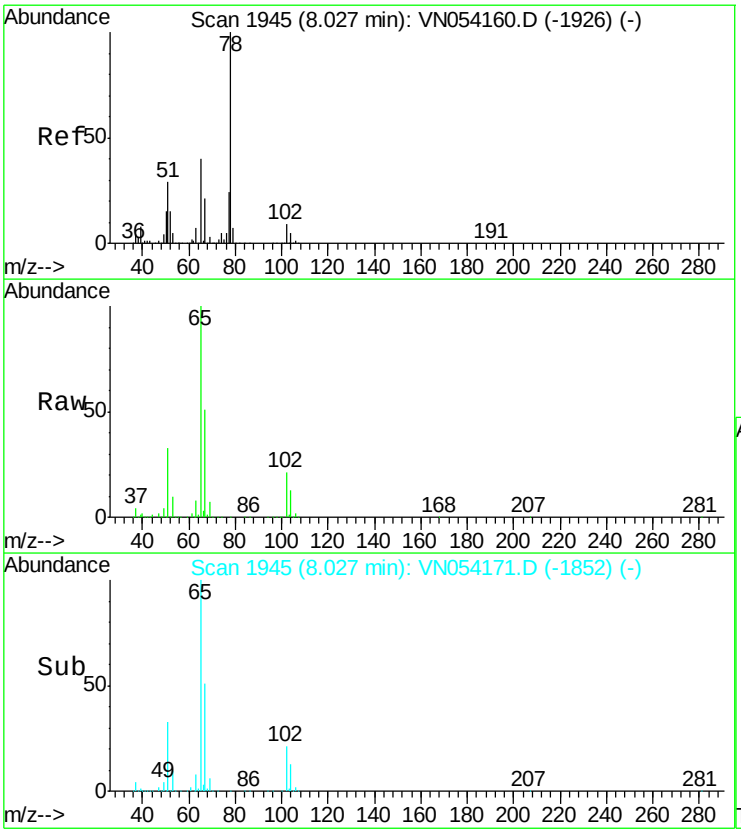
#30
Chloroform
Concen: 0.308 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument : MSVOA_N
ClientSampleId : MR-MH-06-COMP

Tgt Ion: 83 Resp: 7600

Ion	Ratio	Lower	Upper
83	100		
85	52.5	52.2	78.4

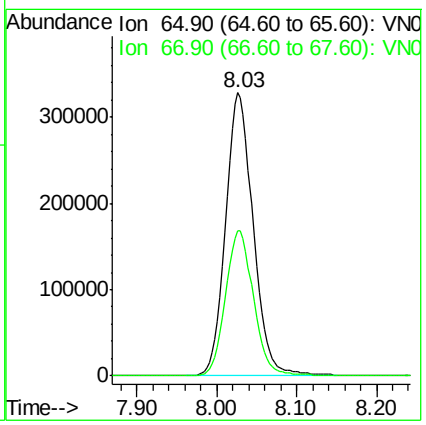


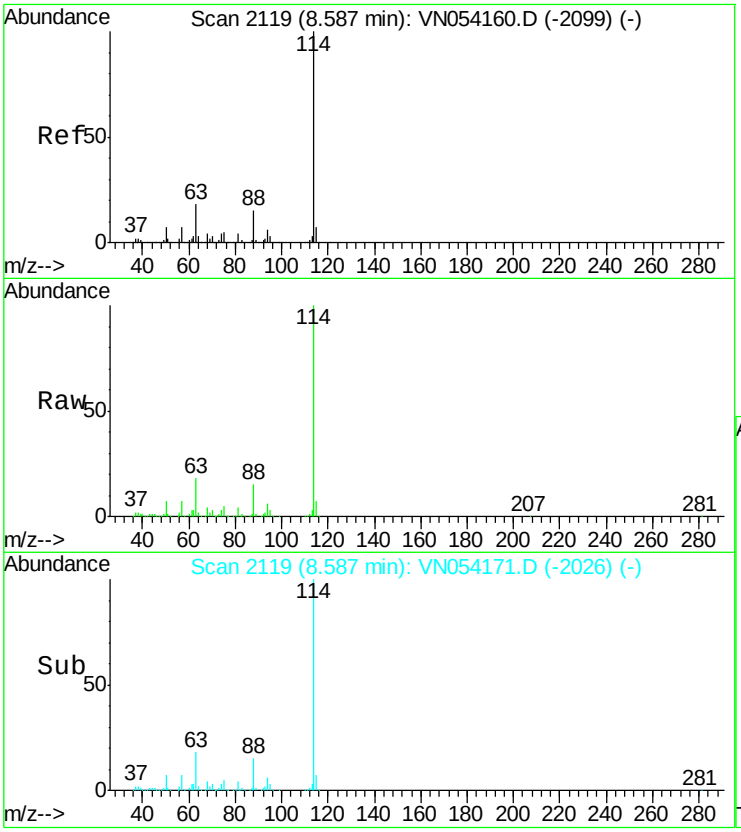


#33
1,2-Dichloroethane-d4
Concen: 52.466 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 65 Resp: 771358

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.6



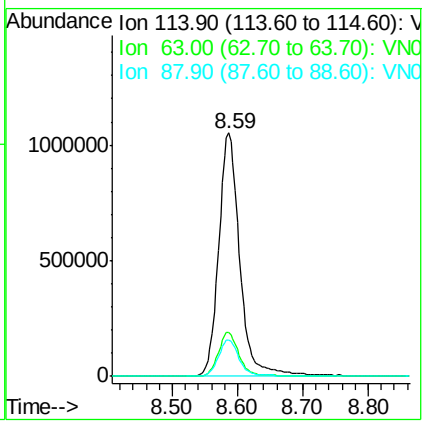


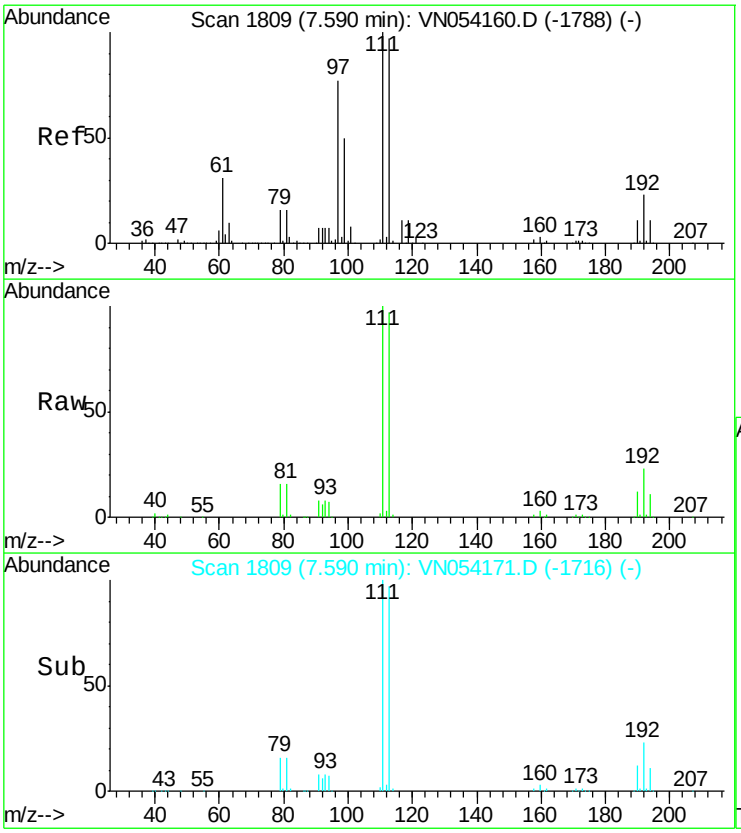
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:114 Resp: 2367077

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.2
88	15.0	0.0	30.2

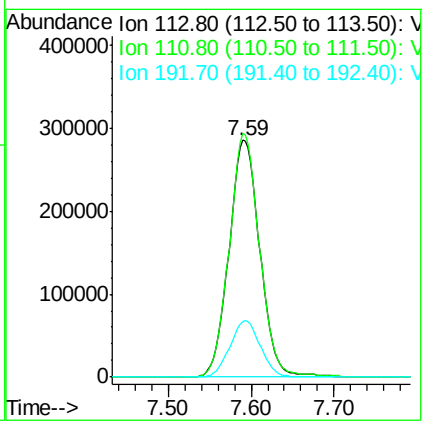


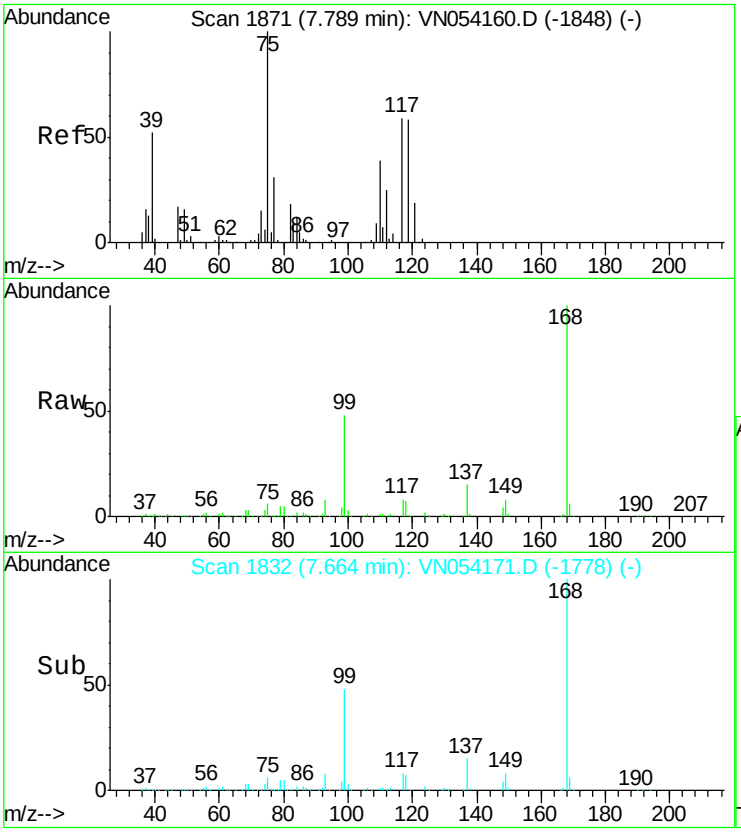


#35
Dibromofluoromethane
Concen: 48.554 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion:113 Resp: 741252

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	23.6	19.2	28.8



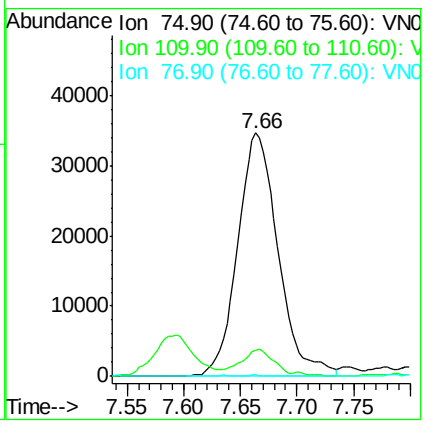


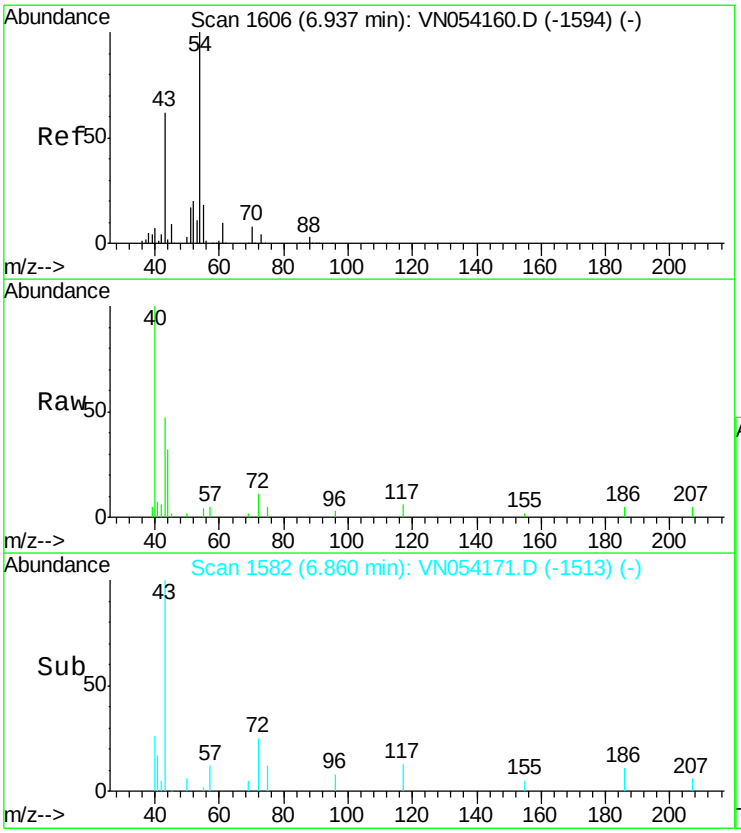
#36
1,1-Dichloropropene
Concen: 3.958 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 75 Resp: 86277

Ion	Ratio	Lower	Upper
75	100		
110	7.5	19.1	57.5#
77	0.1	25.0	37.4#

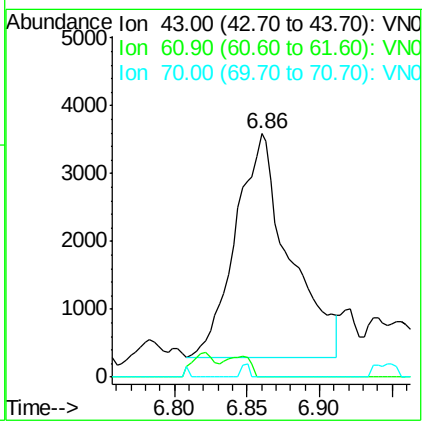


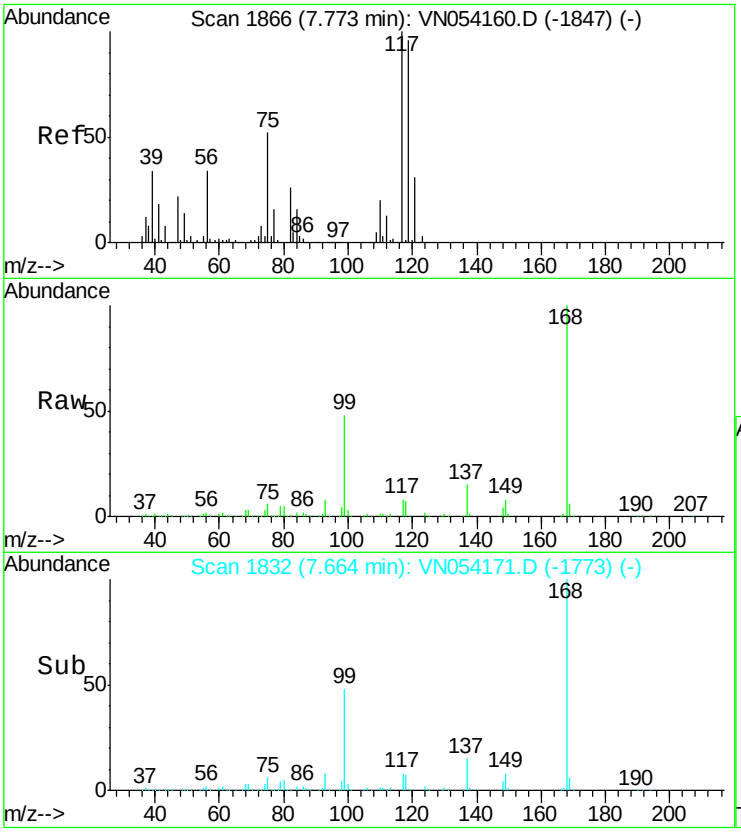


#37
Ethyl Acetate
Concen: 0.678 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. -0.08 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 43 Resp: 8494

Ion	Ratio	Lower	Upper
43	100		
61	4.3	11.8	17.6#
70	0.8	8.4	12.6#



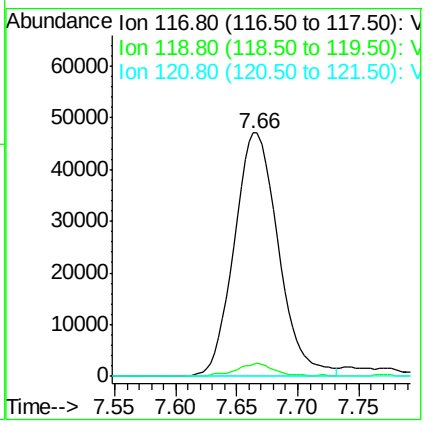


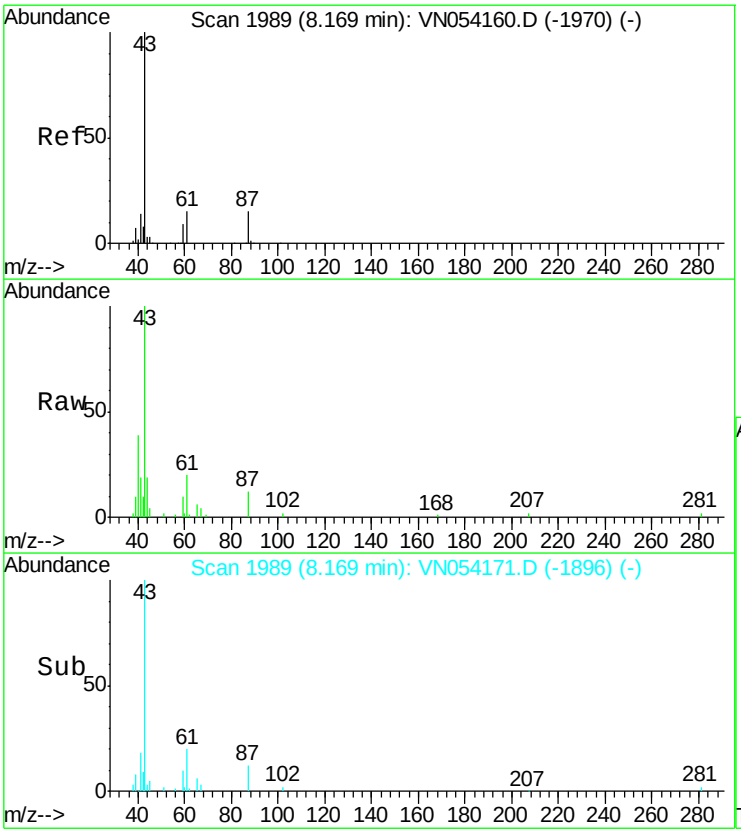
#38
Carbon Tetrachloride
Concen: 5.166 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:117 Resp: 118086

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

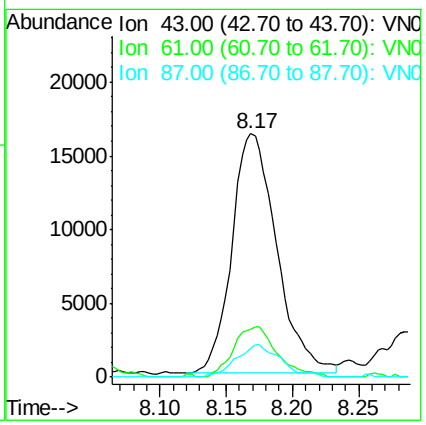


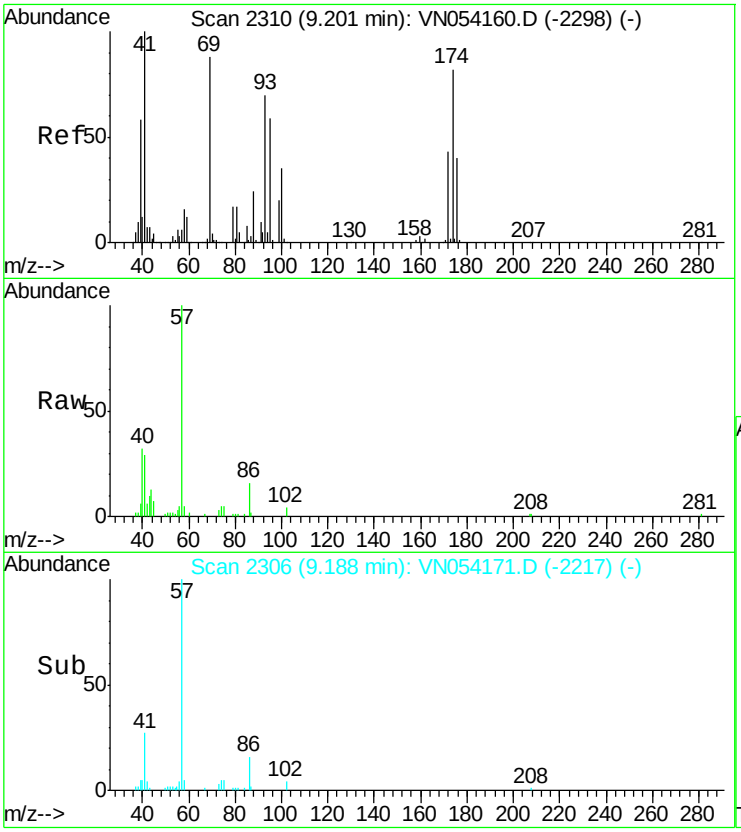


#43
Isopropyl Acetate
Concen: 1.744 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 43 Resp: 38337

Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.8	23.8
87	13.4	12.0	18.0



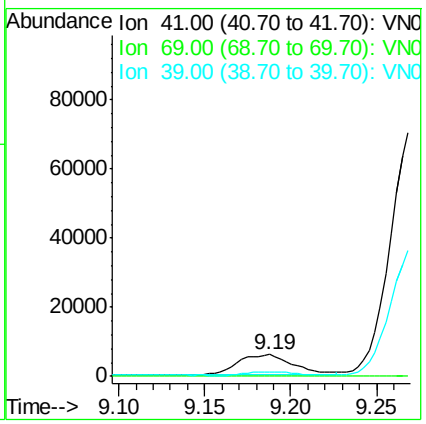


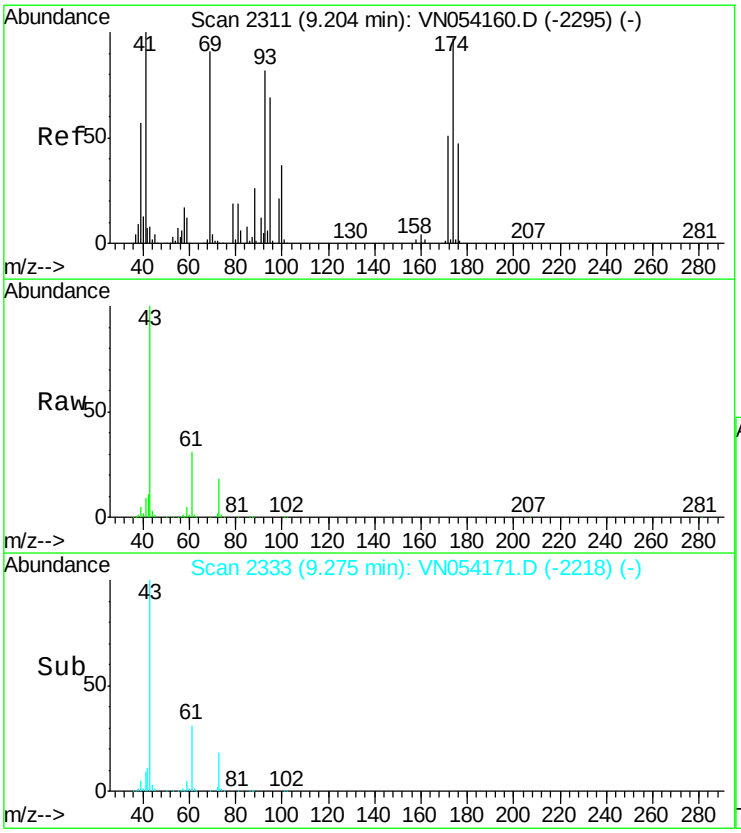
#48
Methyl methacrylate
Concen: 1.214 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument : MSVOA_N
ClientSampleId : MR-MH-06-COMP

Tgt Ion: 41 Resp: 13541

Ion	Ratio	Lower	Upper
41	100		
69	0.8	72.6	108.8#
39	17.7	47.5	71.3#

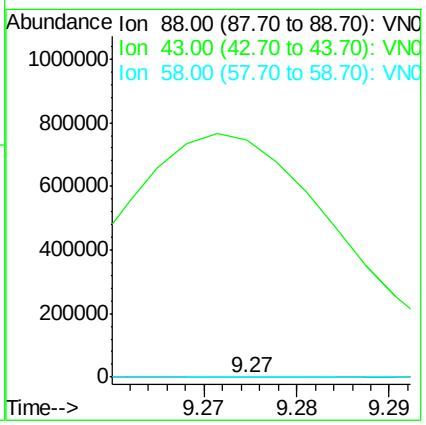


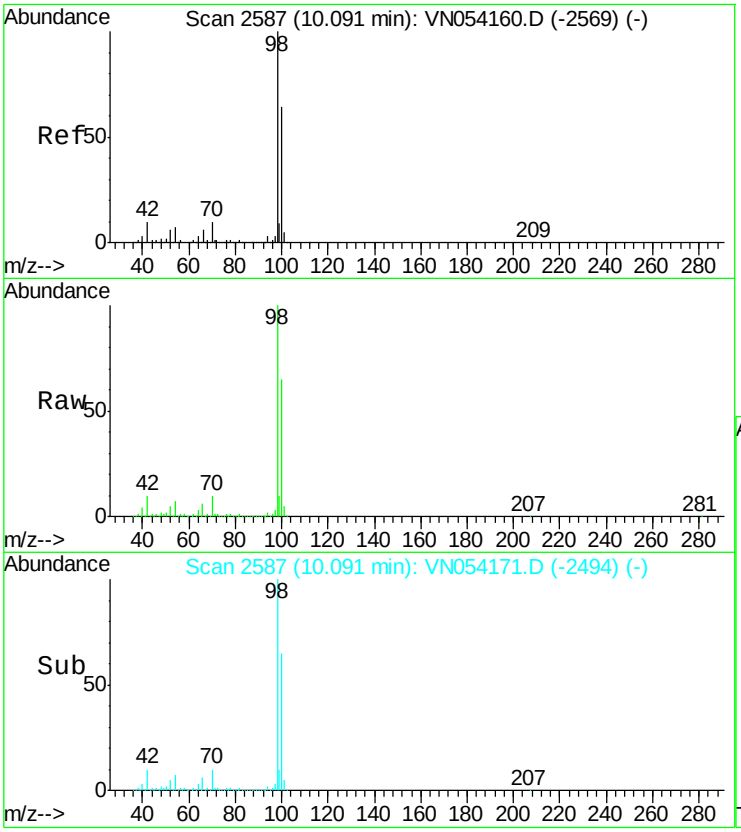


#49
1,4-Dioxane
Concen: 0.425 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	2246614.9	24.1	36.1#
58	9461.2	50.8	76.2#



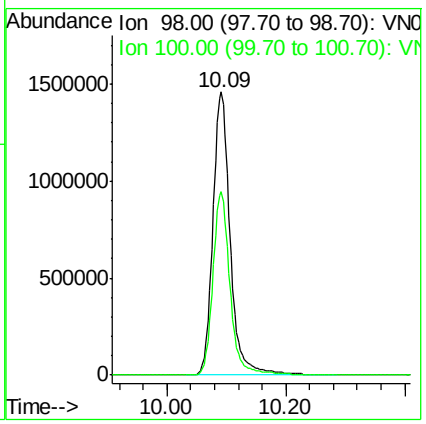


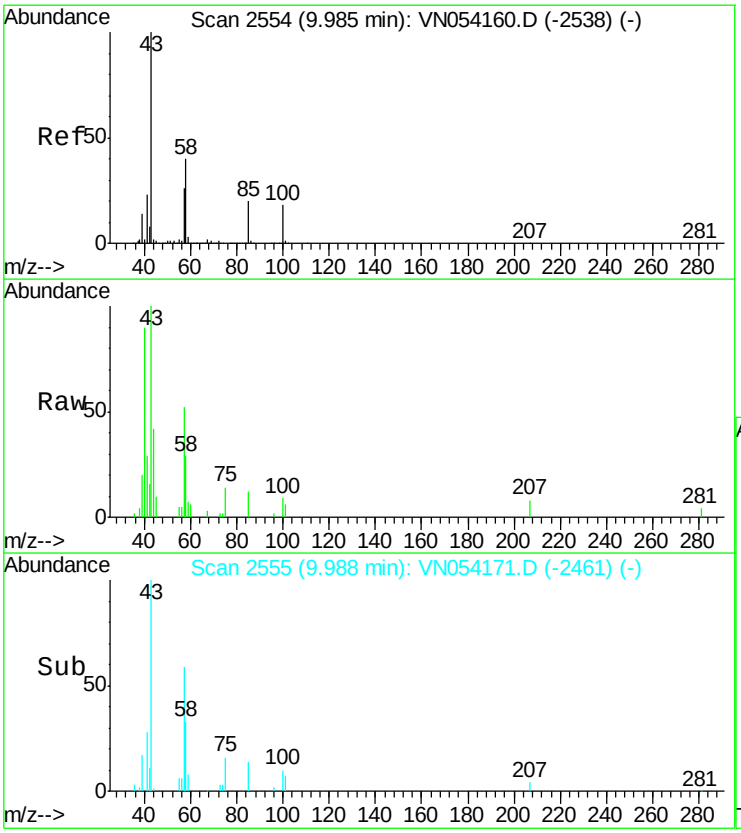
#50
Toluene-d8
Concen: 52.041 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 98 Resp: 2934197

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8

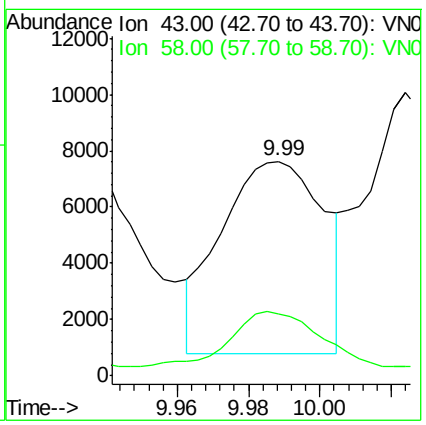


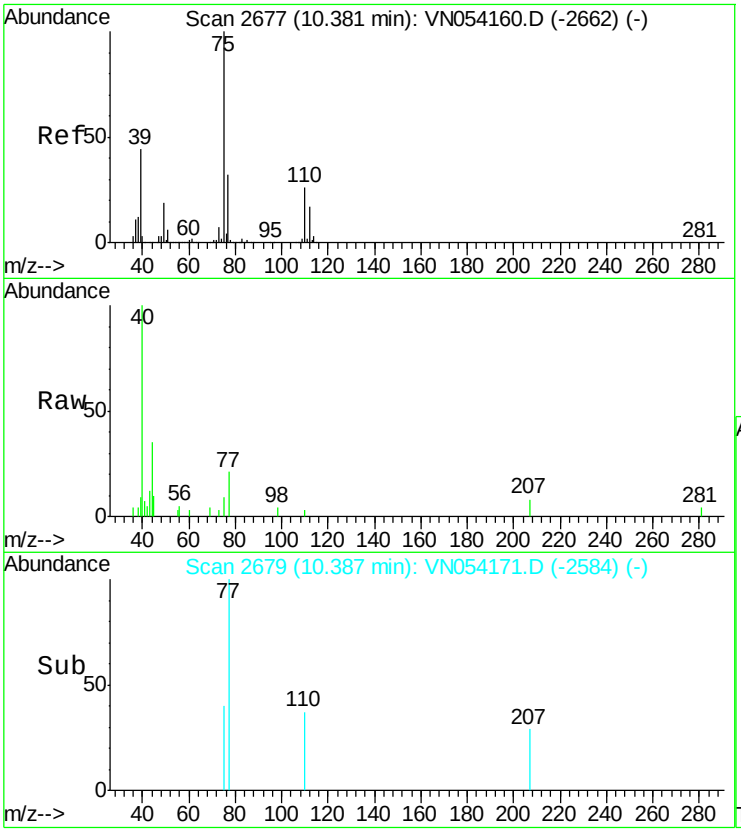


#51
4-Methyl-2-Pentanone
Concen: 1.174 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 43 Resp: 13656

Ion	Ratio	Lower	Upper
43	100		
58	36.7	31.8	47.6



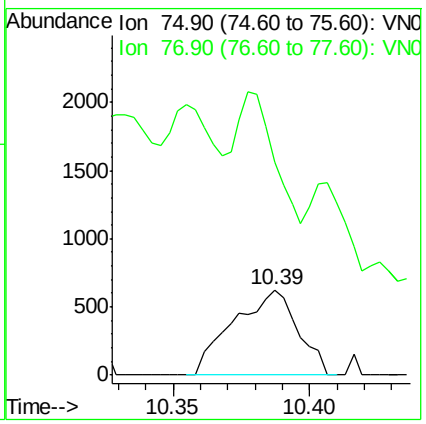


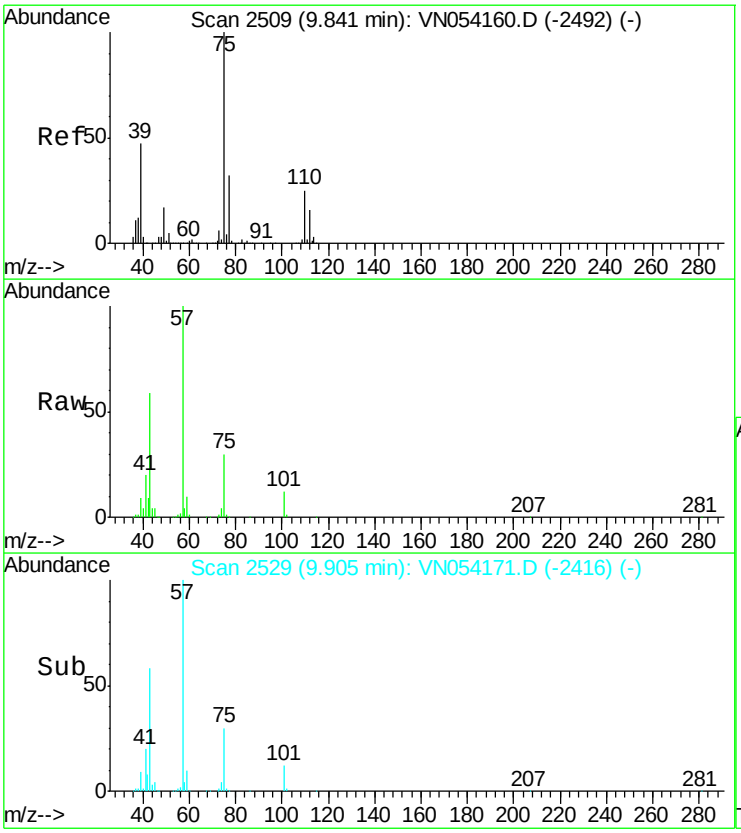
#53
t-1,3-Dichloropropene
Concen: 2.027 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 75 Resp: 1022

Ion	Ratio	Lower	Upper
75	100		
77	46.4	25.8	38.8#

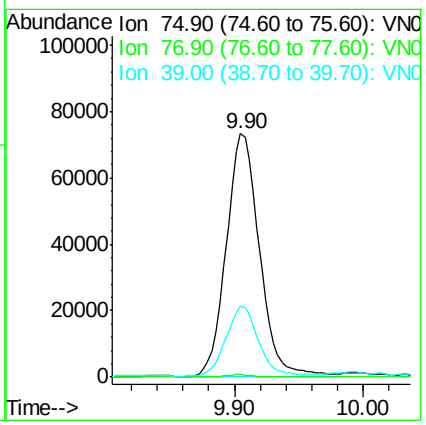


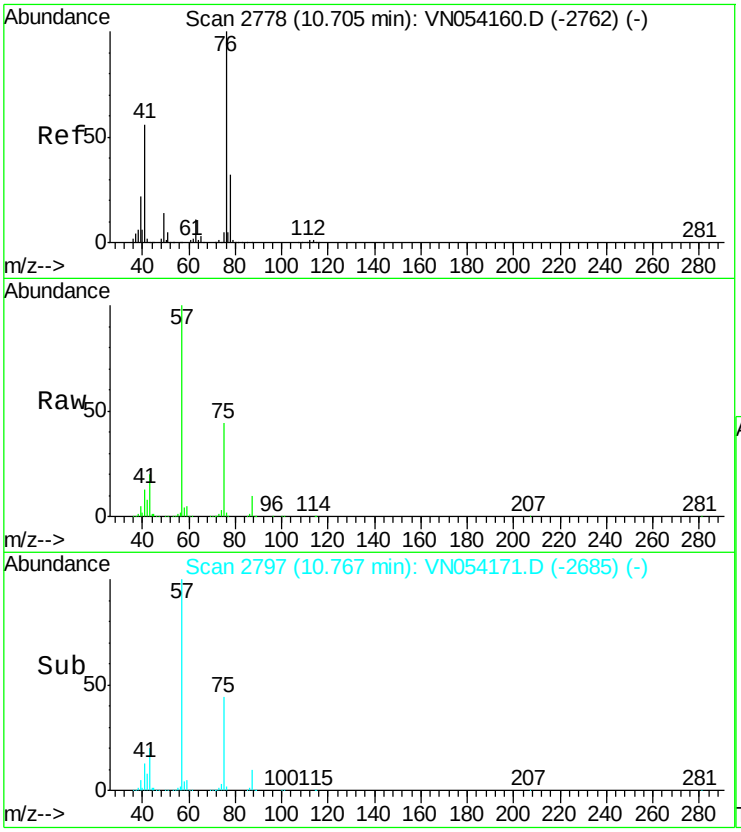


#54
cis-1,3-Dichloropropene
Concen: 5.404 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 75 Resp: 132123

Ion	Ratio	Lower	Upper
75	100		
77	1.0	25.4	38.0#
39	28.4	37.2	55.8#



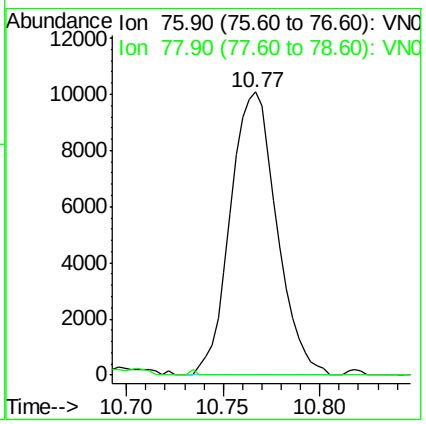


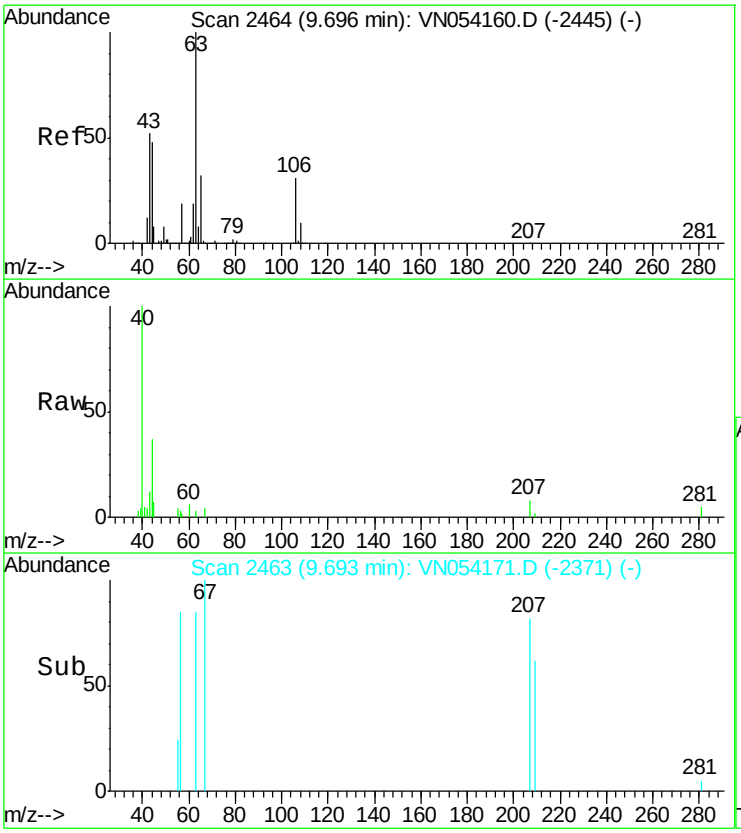
#57
1,3-Dichloropropane
Concen: 0.712 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument : MSVOA_N
ClientSampleId : MR-MH-06-COMP

Tgt Ion: 76 Resp: 16806

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

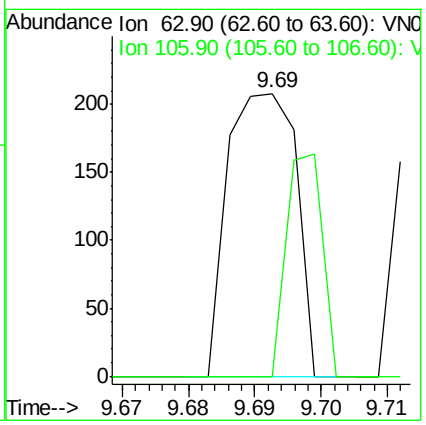


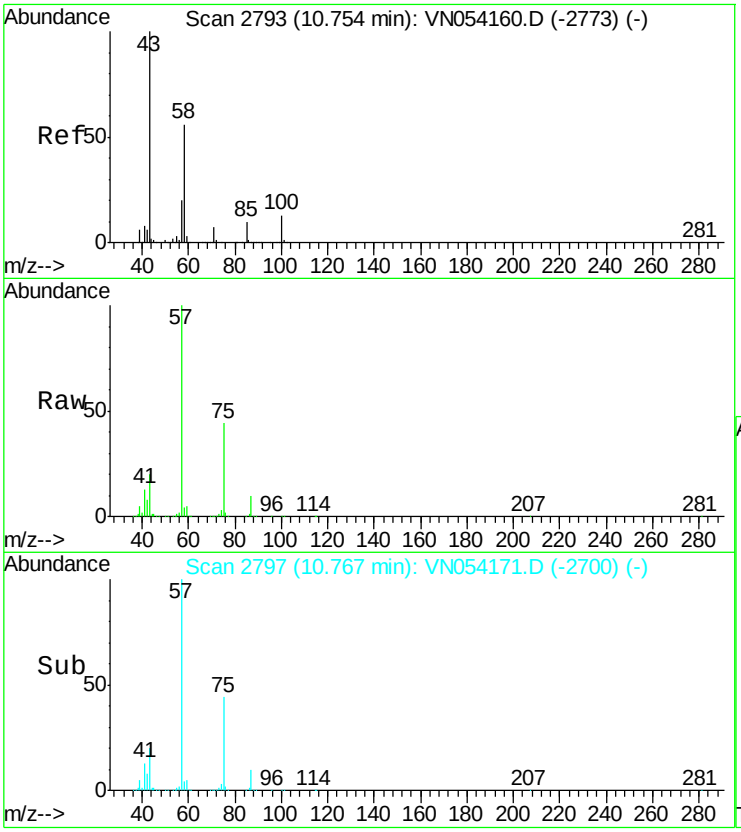


#58
2-Chloroethyl Vinyl ether
Concen: 16.847 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 63 Resp: 149

Ion	Ratio	Lower	Upper
63	100		
106	41.6	24.4	36.6#



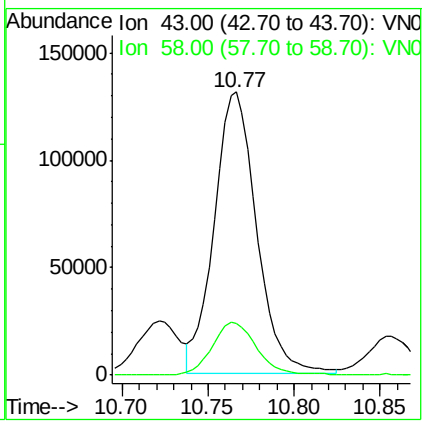


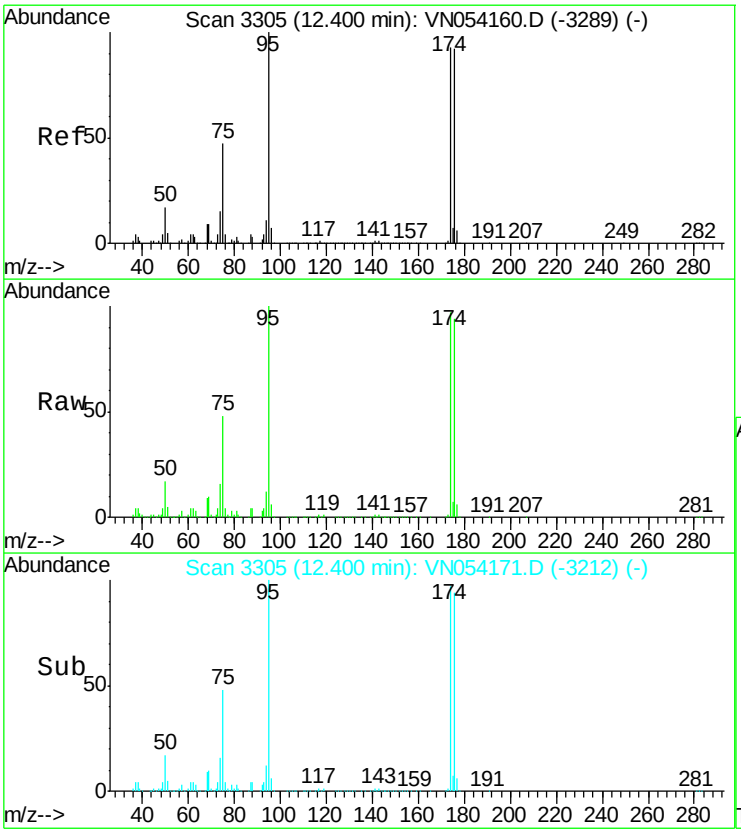
#59
2-Hexanone
Concen: 29.065 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 43 Resp: 225015

Ion	Ratio	Lower	Upper
43	100		
58	19.9	28.0	83.9#

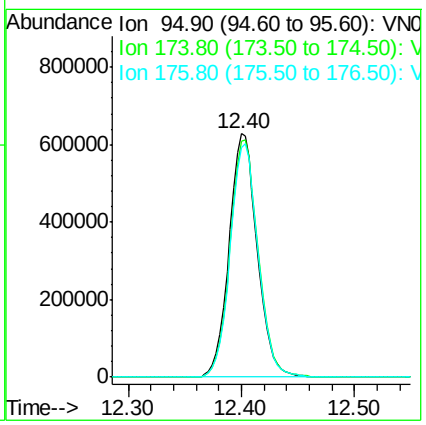


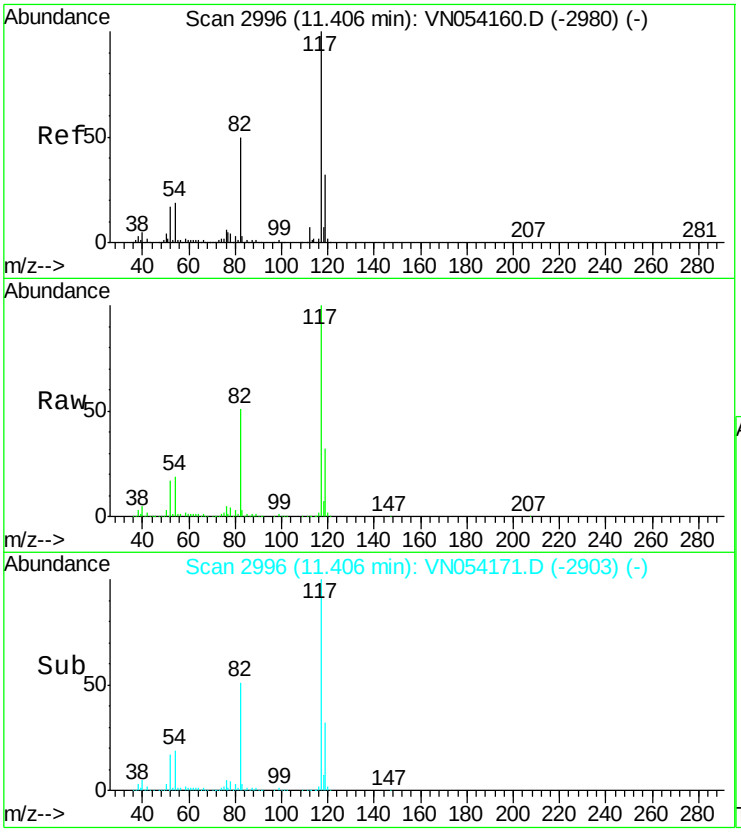


#62
4-Bromofluorobenzene
Concen: 54.885 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 95 Resp: 1082786

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	191.0
176	95.4	0.0	187.4



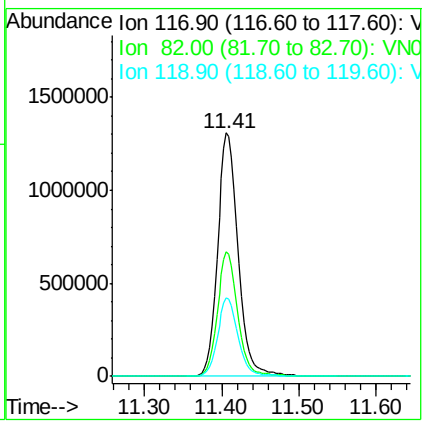


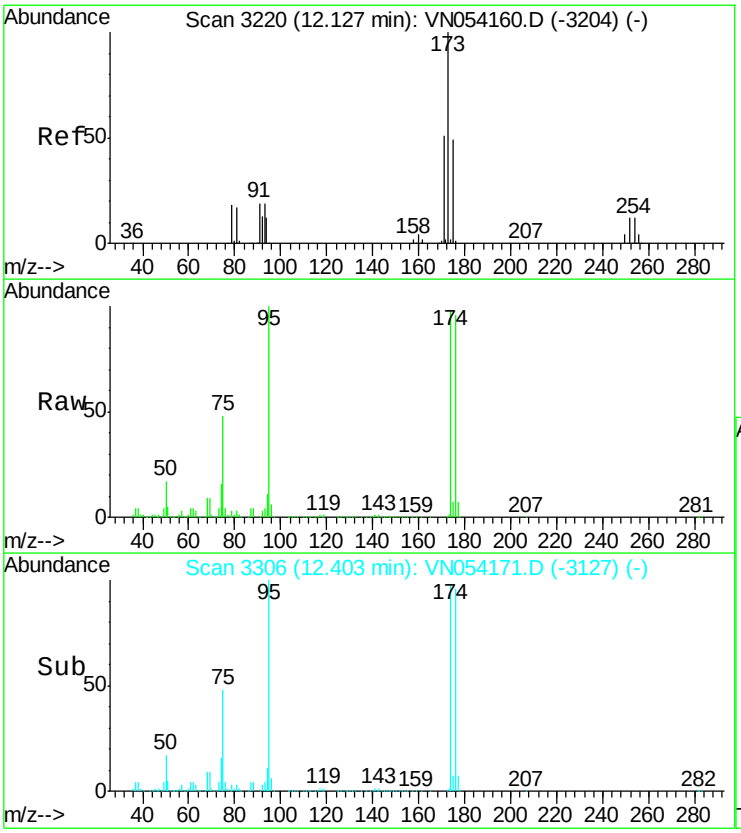
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument : MSVOA_N
ClientSampleId : MR-MH-06-COMP

Tgt Ion:117 Resp: 2427575

Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.0	60.0
119	32.3	25.8	38.6

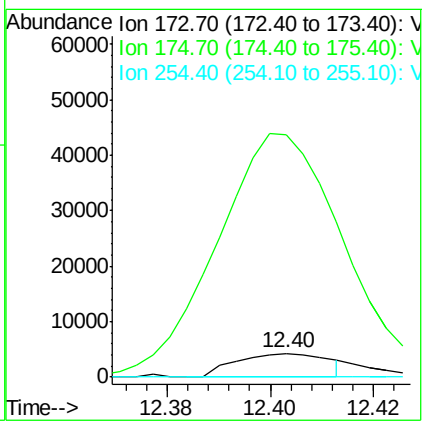


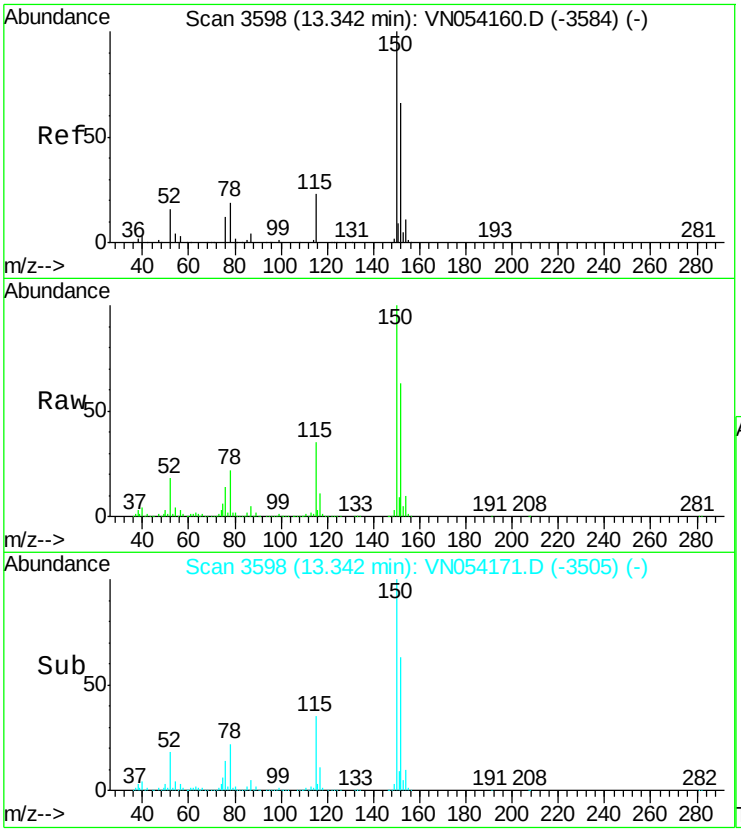


#71
Bromoform
Concen: 2.696 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion:173 Resp: 5353

Ion	Ratio	Lower	Upper
173	100		
175	1202.4	24.4	73.2#
254	0.0	0.1	0.1#



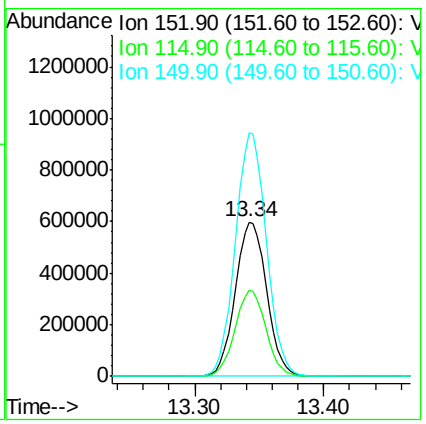


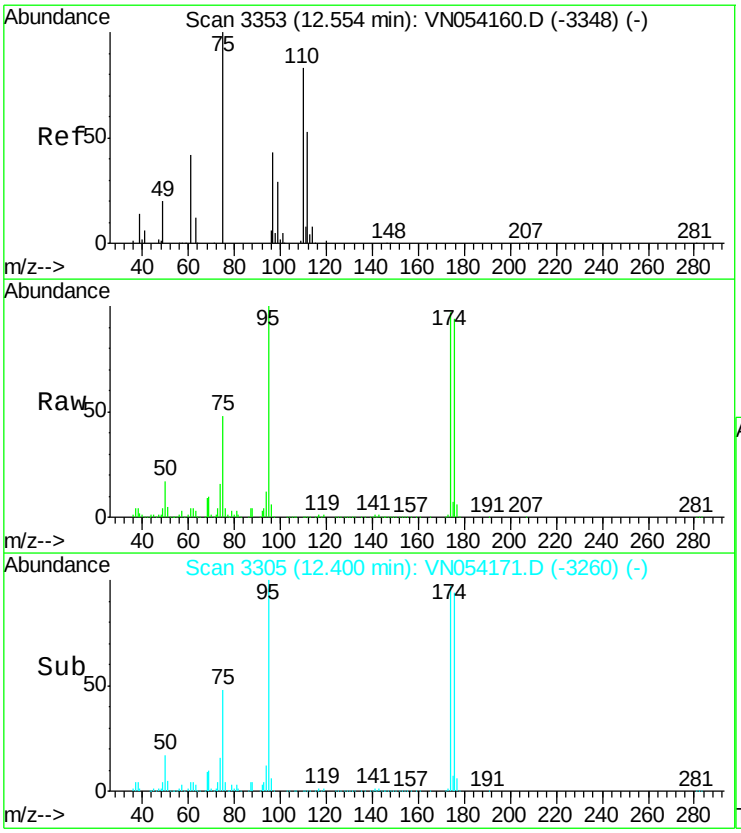
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument : MSVOA_N
ClientSampleId : MR-MH-06-COMP

Tgt Ion:152 Resp: 1007993

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.2	81.6
150	156.6	0.0	349.2

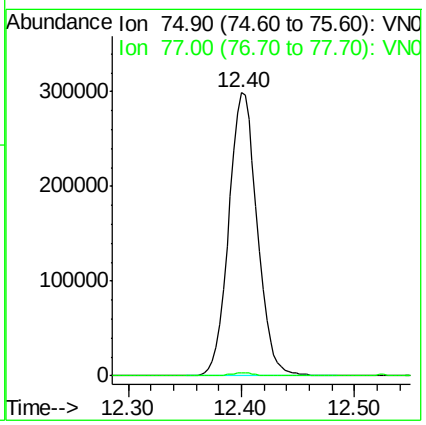


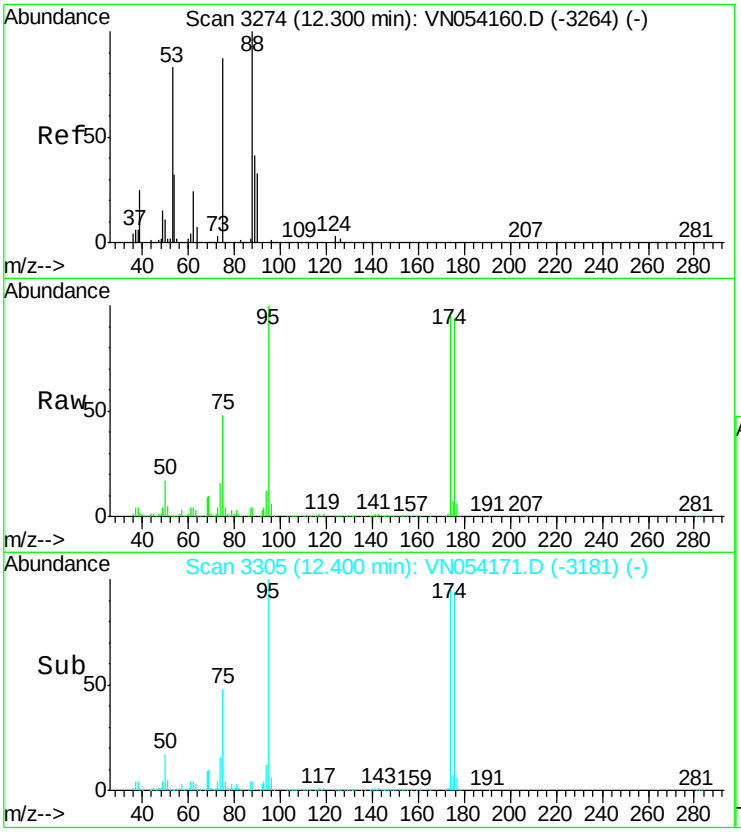


#76
1,2,3-Trichloropropane
Concen: 35.269 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion: 75 Resp: 522794

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



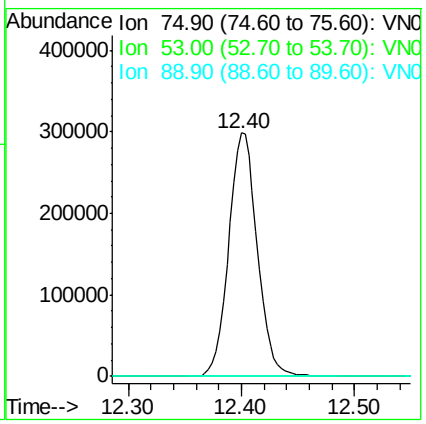


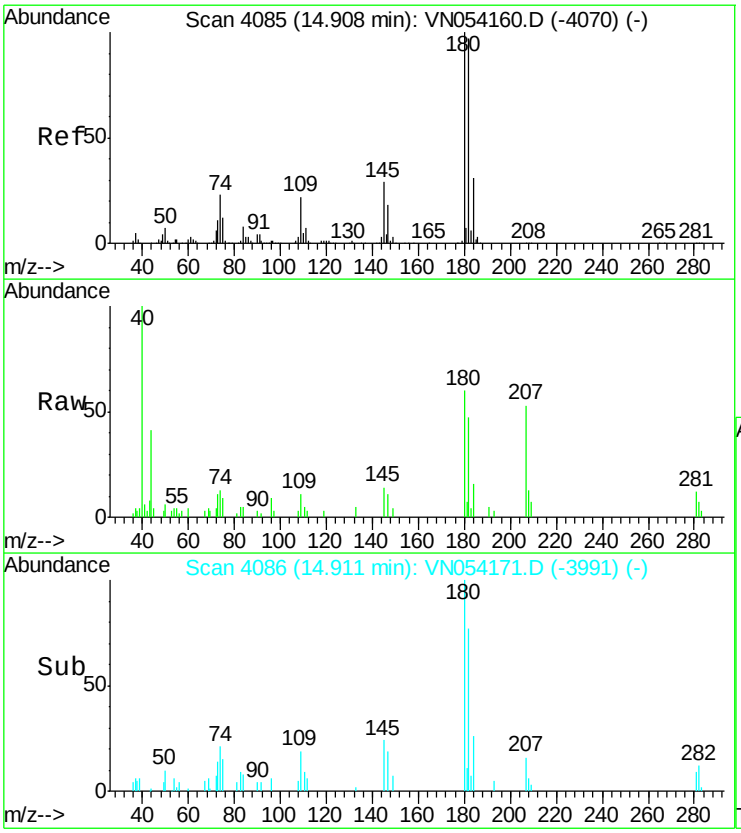
#81
trans-1,4-Dichloro-2-butene
Concen: 120.566 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion: 75 Resp: 522794

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

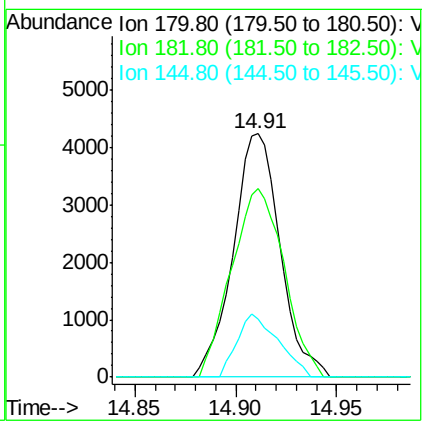


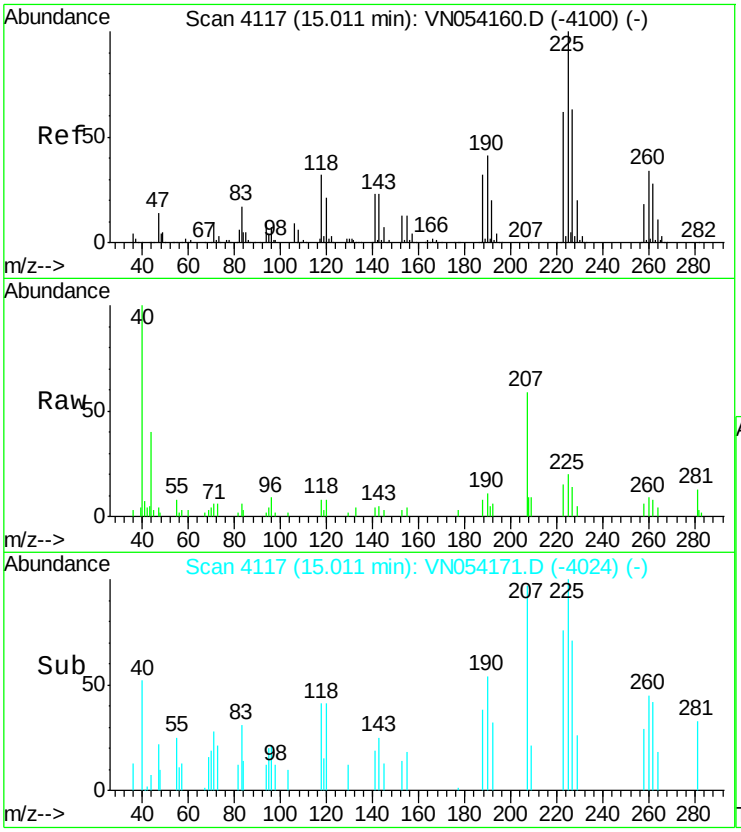


#93
1,2,4-Trichlorobenzene
Concen: 2.826 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion:180 Resp: 6911

Ion	Ratio	Lower	Upper
180	100		
182	86.6	48.0	144.2
145	22.8	14.2	42.8



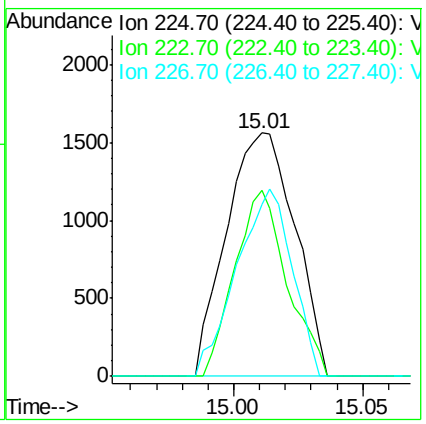


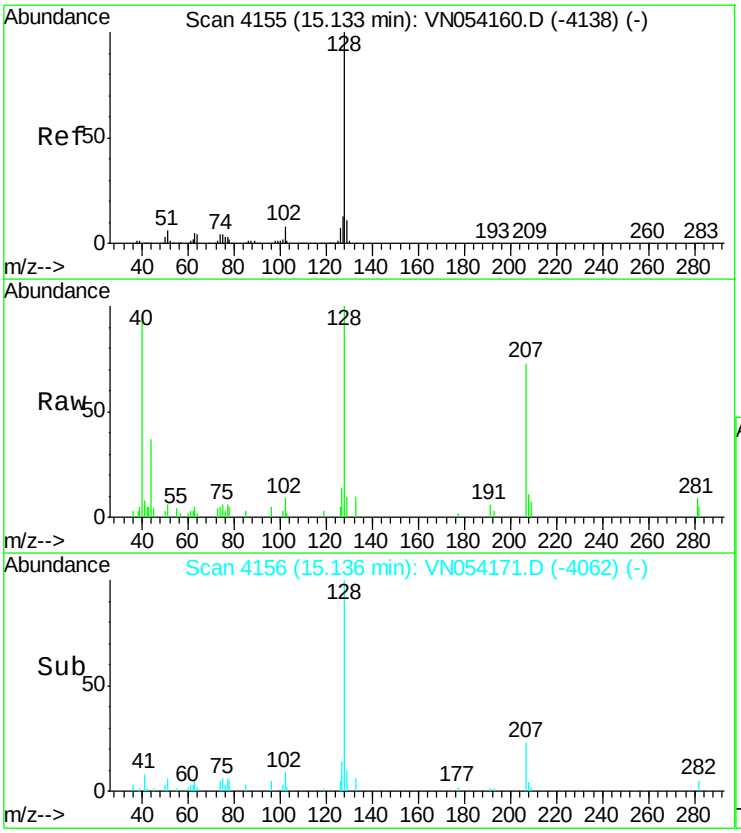
#94
Hexachlorobutadiene
Concen: 0.215 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:225 Resp: 2882

Ion	Ratio	Lower	Upper
225	100		
223	58.4	31.1	93.5
227	62.3	31.9	95.9

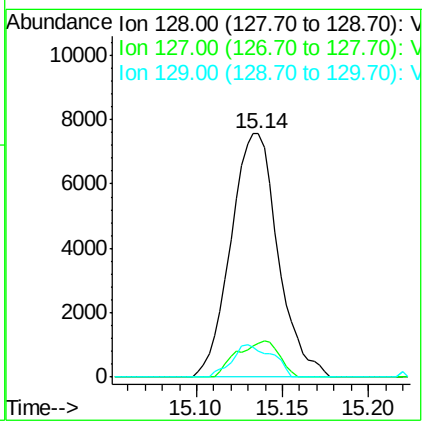


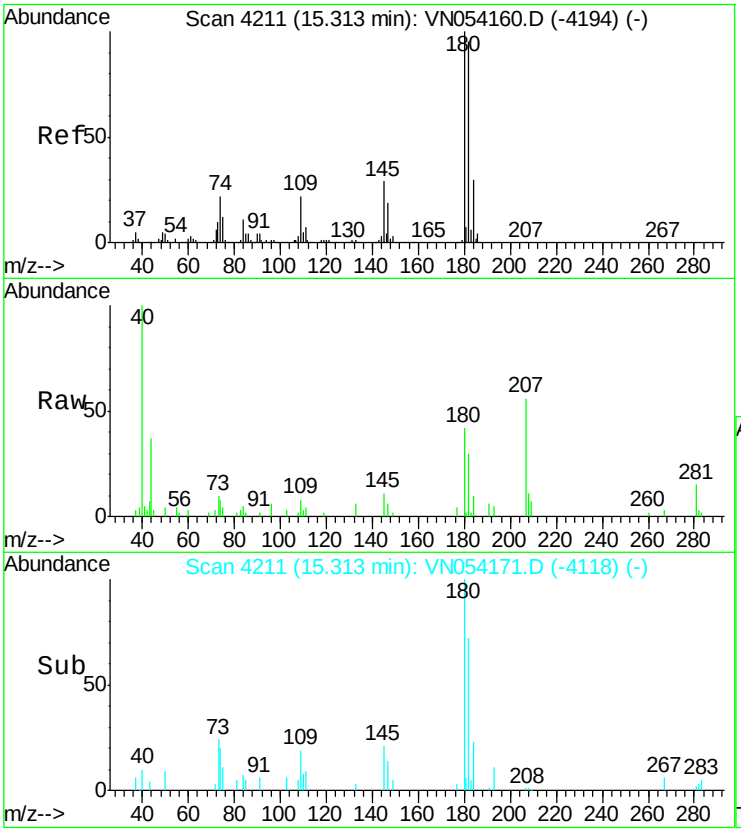


#95
Naphthalene
Concen: 3.773 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Tgt Ion:128 Resp: 14401

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.3	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.306 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN054171.D
Acq: 12 Mar 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-06-COMP

Tgt Ion:180 Resp: 5706

Ion	Ratio	Lower	Upper
180	100		
182	85.4	47.5	142.6
145	26.4	14.8	44.3