Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054234.D
Acq On : 14 Mar 2019 1:46
Operator : JC/SP
Sample : K1873-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:25:10 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	1396108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2353184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2447660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1087575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	762472	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.86%			
35) Dibromofluoromethane	7.59	113	726133	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.68%			
50) Toluene-d8	10.09	98	2909000	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.80%			
62) 4-Bromofluorobenzene	12.40	95	1108200	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.02%			
Target Compounds						Qvalue
10) Methyl Iodide	3.94	142	398	1.516	ug/l #	83
13) Acrolein	3.61	56	308	0.320	ug/l #	14
14) Allyl chloride	4.54	41	141054	7.580	ug/l #	21
16) Acetone	3.83	43	19464	4.585	ug/l #	82
18) Methyl Acetate	4.34	43	3434	0.400	ug/l #	81
20) Methylene Chloride	4.55	84	5047180	362.081	ug/l	99
29) Tetrahydrofuran	7.23	42	2108	0.658	ug/l #	59
30) Chloroform	7.37	83	7036	0.283	ug/l	85
31) Cyclohexane	7.67	56	21835	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	83161	3.837	ug/l #	48
38) Carbon Tetrachloride	7.67	117	111891	4.924	ug/l #	16
43) Isopropyl Acetate	8.18	43	43739	2.001	ug/l	97
48) Methyl methacrylate	9.18	41	17816	1.606	ug/l #	11
49) 1,4-Dioxane	9.27	88	340	2.167	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	17071	1.476	ug/l #	36
52) Toluene	10.16	92	11202	0.285	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	213	1.995	ug/l #	86
54) cis-1,3-Dichloropropene	9.91	75	141843	5.836	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	25734	1.096	ug/l #	44
59) 2-Hexanone	10.77	43	342622	44.518	ug/l #	50
71) Bromoform	12.41	173	7048	2.802	ug/l #	1
74) N-amyl acetate	11.88	43	35560	1.841	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	537395	33.601	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	22496	0.311	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	537395	114.864	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	23880	0.336	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	2223	2.609	ug/l #	90
95) Naphthalene	15.13	128	58919	4.619	ug/l	99

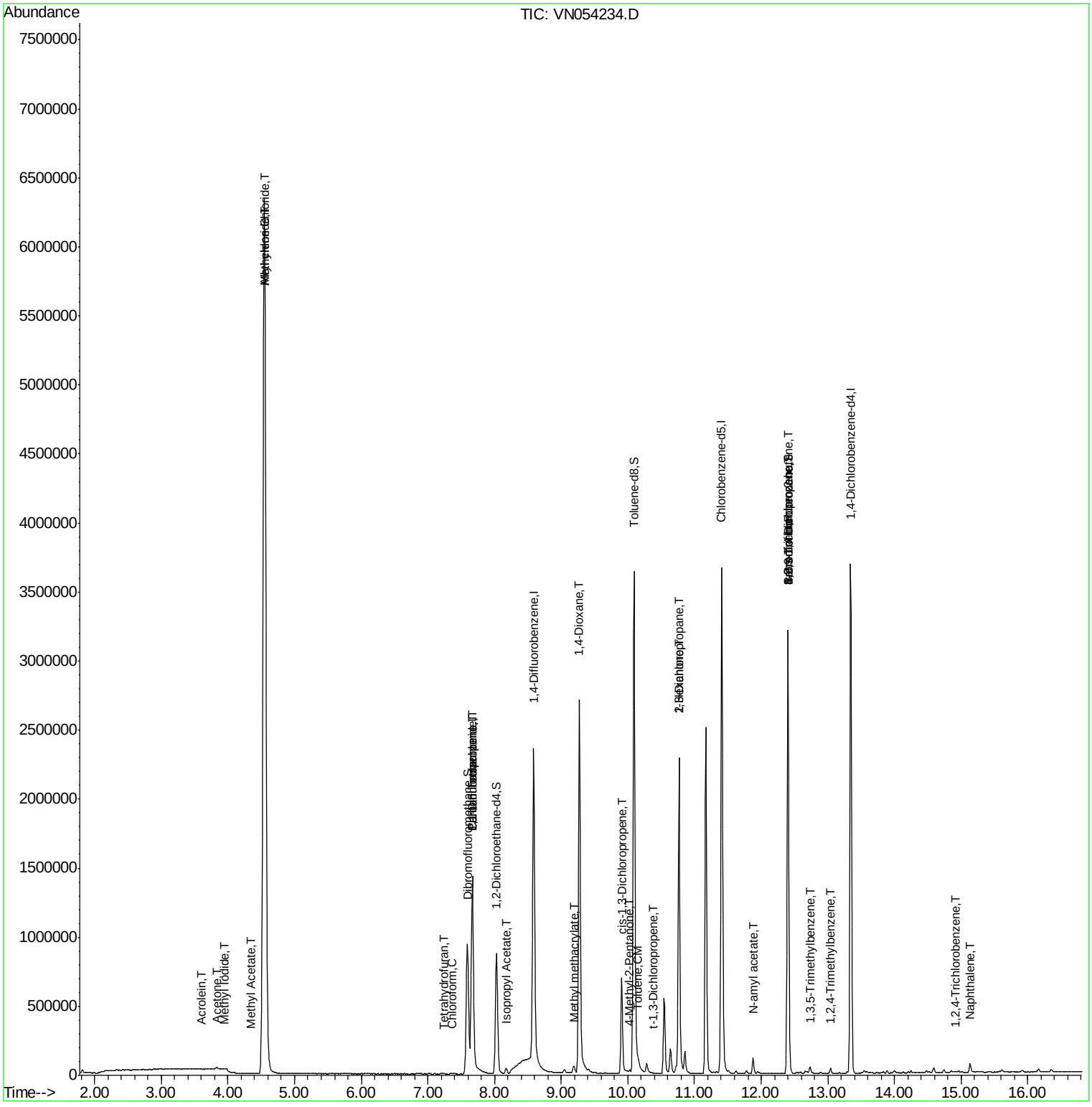
(#) = qualifier out of range (m) = manual integration (+) = signals summed

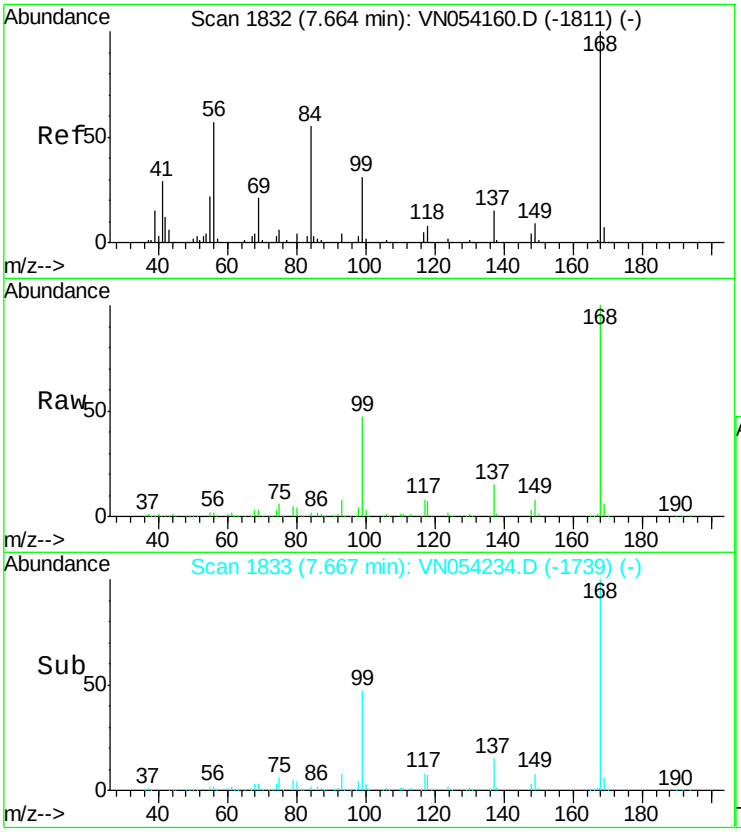
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054234.D
Acq On : 14 Mar 2019 1:46
Operator : JC/SP
Sample : K1873-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:25:10 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



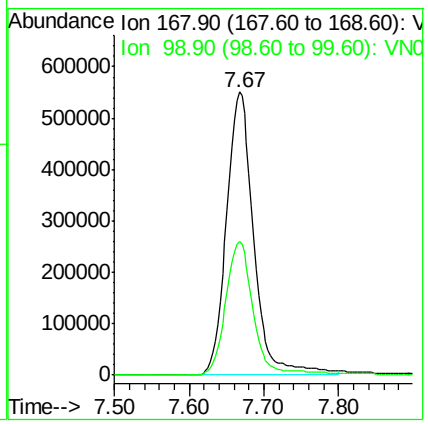


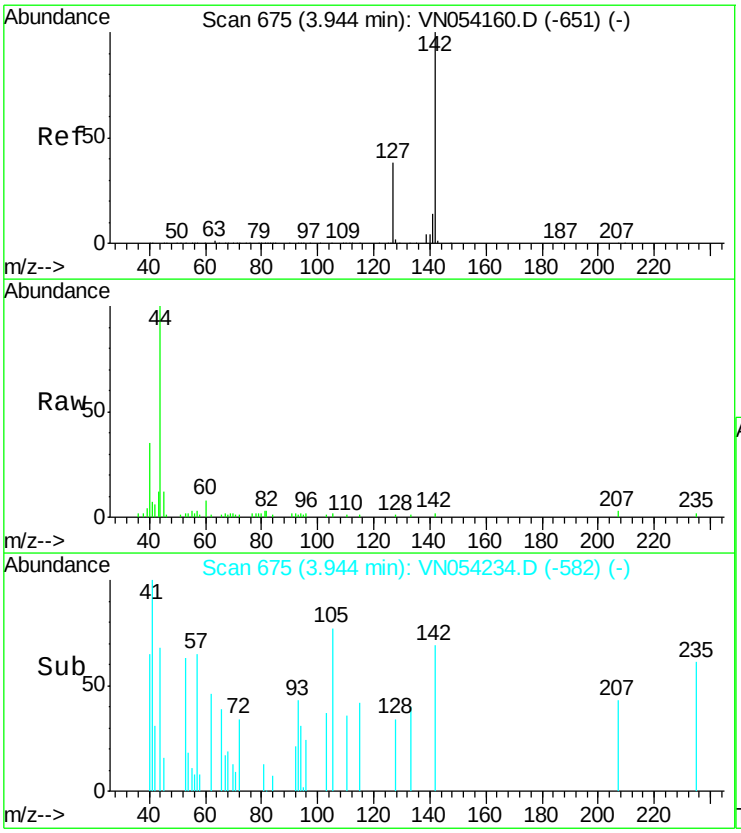
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1396108

Ion	Ratio	Lower	Upper
168	100		
99	47.3	37.1	55.7

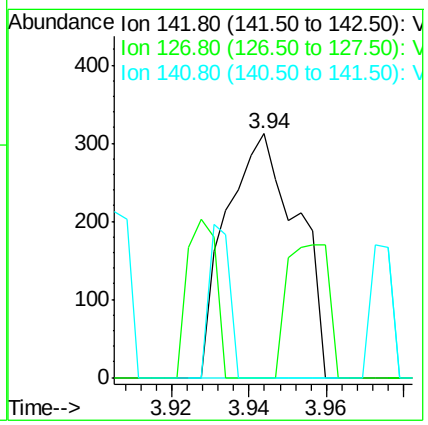


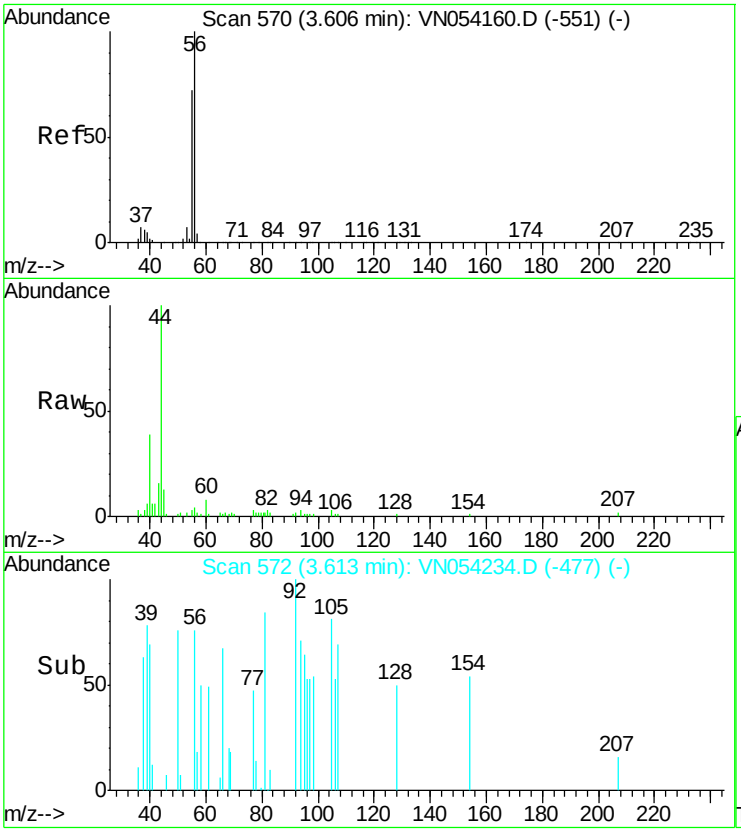


#10
Methyl Iodide
Concen: 1.516 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion:142 Resp: 398

Ion	Ratio	Lower	Upper
142	100		
127	31.9	30.3	45.5
141	0.0	11.2	16.8#



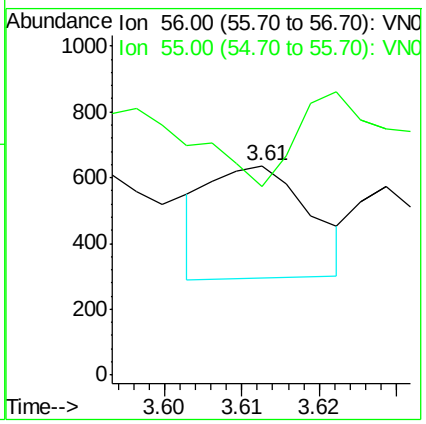


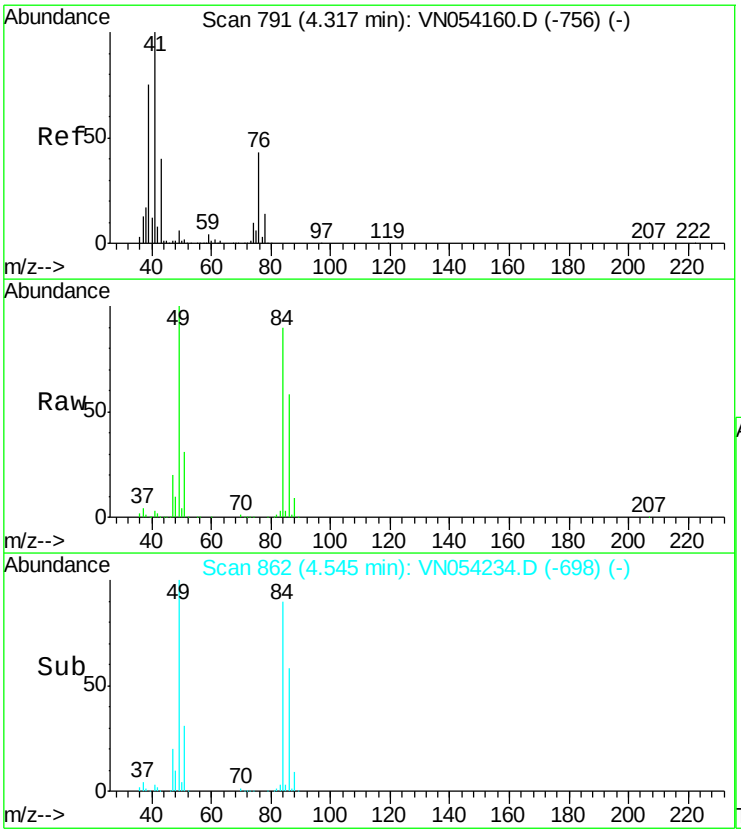
#13
Acrolein
Concen: 0.320 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 308

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#

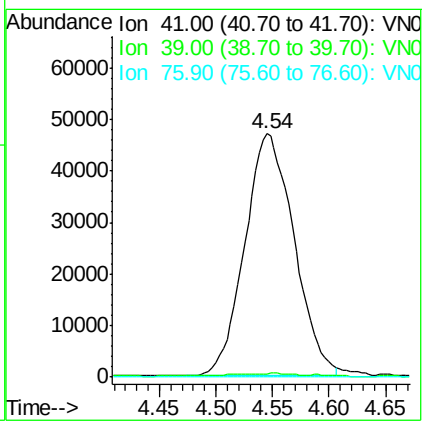


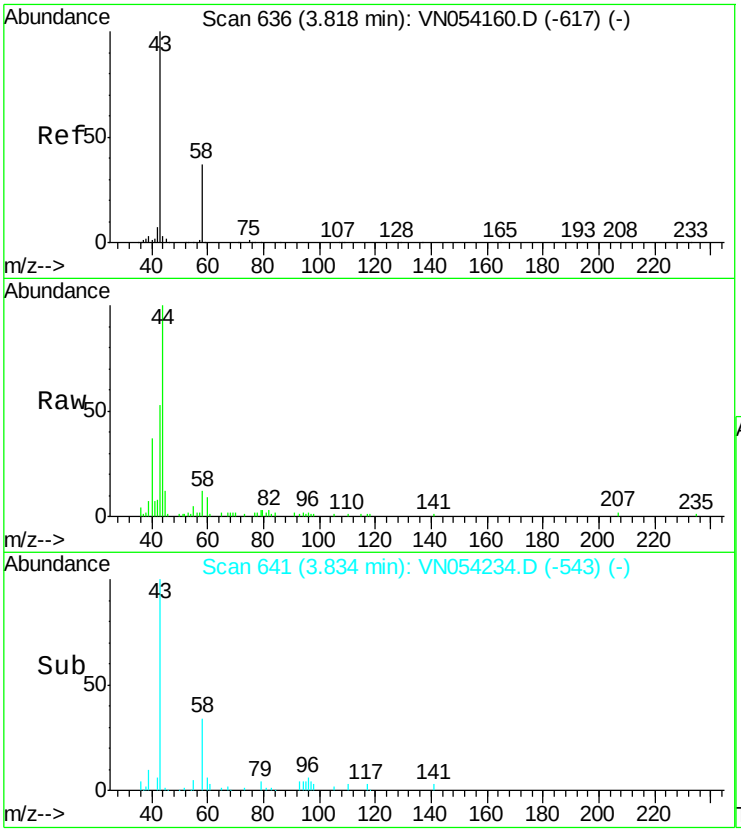


#14
Allyl chloride
Concen: 7.580 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 41 Resp: 141054

Ion	Ratio	Lower	Upper
41	100		
39	0.1	58.2	87.4#
76	0.0	31.7	47.5#



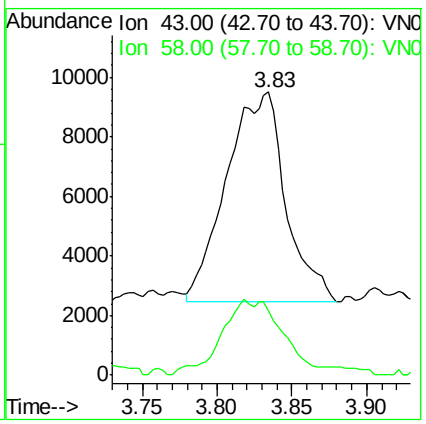


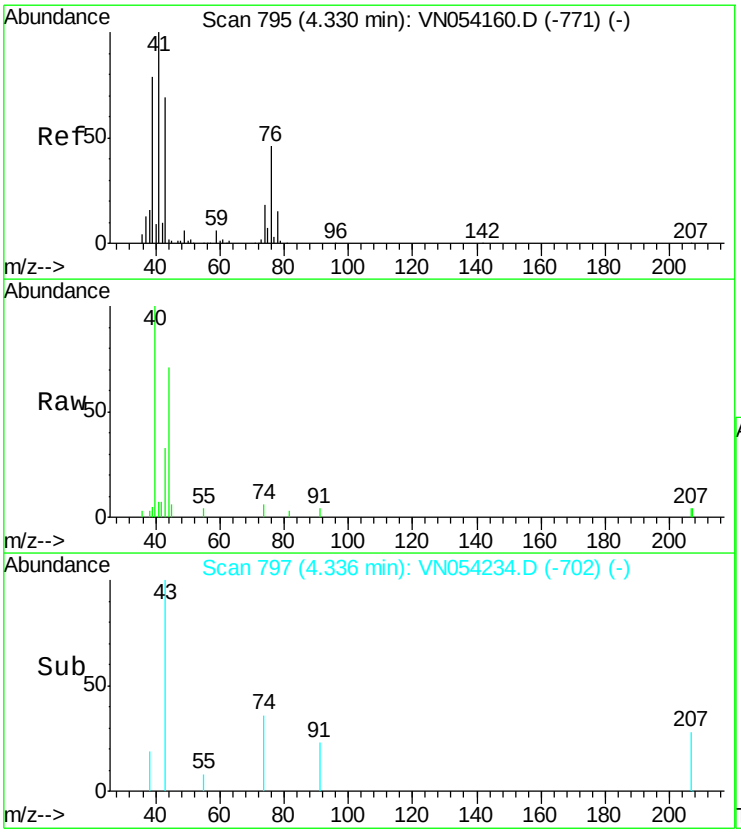
#16
Acetone
Concen: 4.585 ug/l
RT: 3.83 min Scan# 641
Delta R.T. 0.02 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 19464

Ion	Ratio	Lower	Upper
43	100		
58	26.7	29.9	44.9#

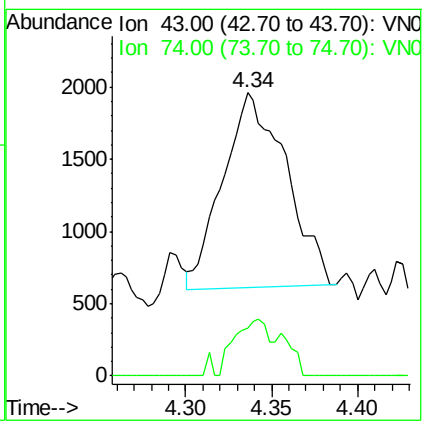


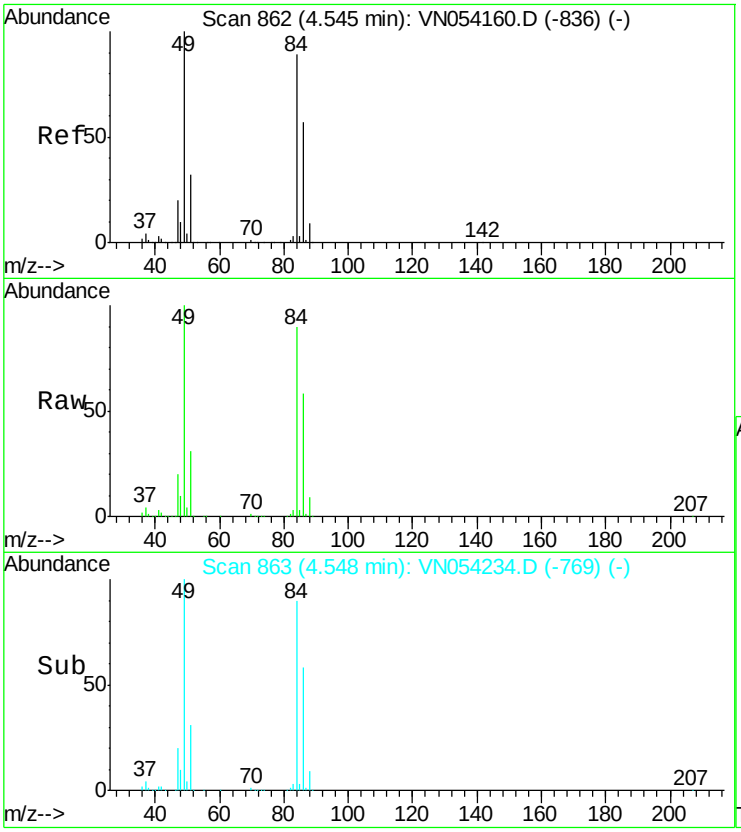


#18
Methyl Acetate
Concen: 0.400 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 43 Resp: 3434

Ion	Ratio	Lower	Upper
43	100		
74	16.5	20.8	31.2#



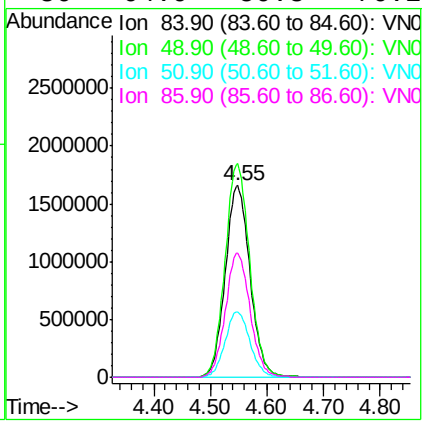


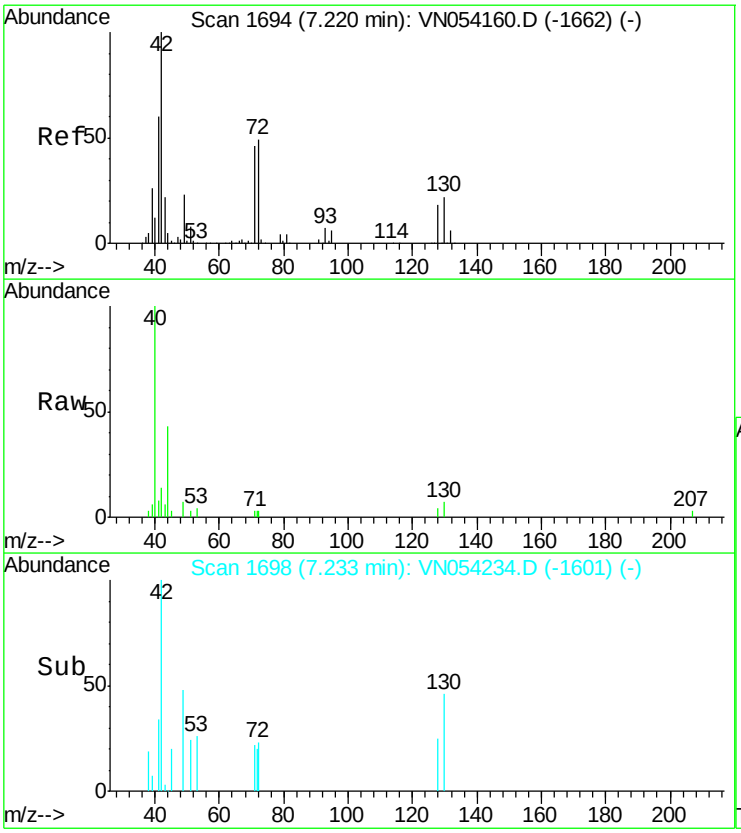
#20
Methylene Chloride
Concen: 362.081 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 5047180

Ion	Ratio	Lower	Upper
84	100		
49	111.3	89.7	134.5
51	34.3	28.2	42.4
86	64.9	50.8	76.2

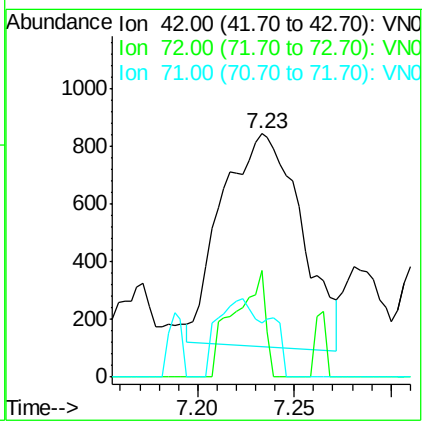


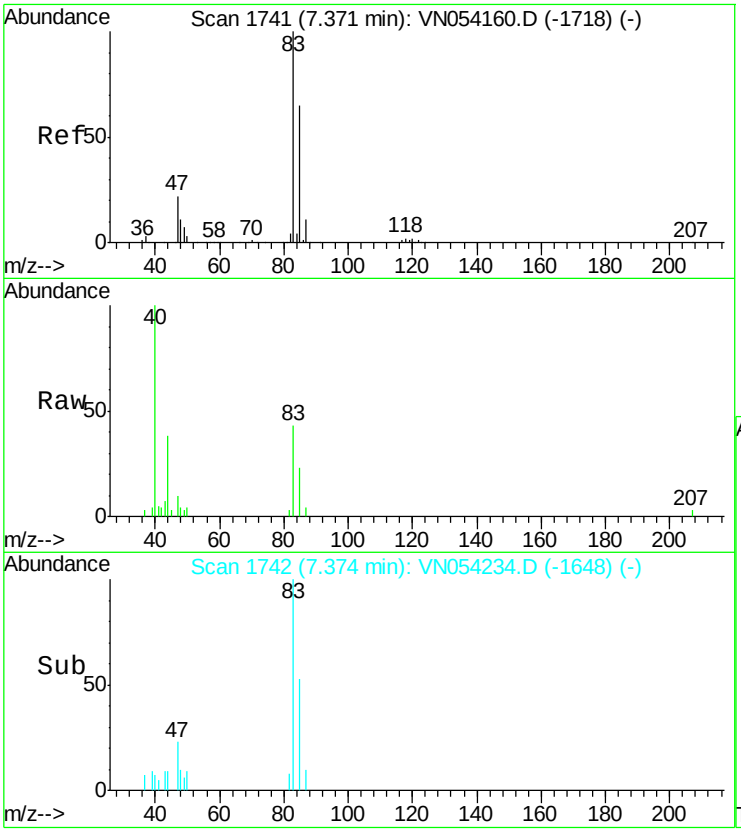


#29
Tetrahydrofuran
Concen: 0.658 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 42 Resp: 2108

Ion	Ratio	Lower	Upper
42	100		
72	19.9	37.8	56.6#
71	18.5	36.2	54.2#



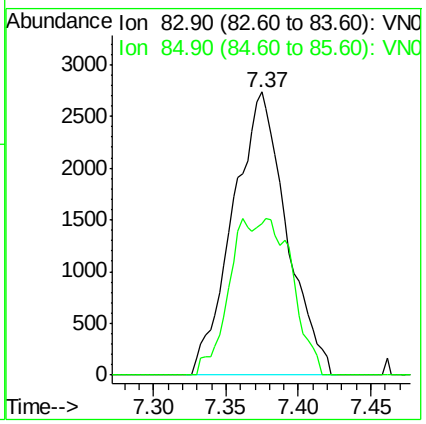


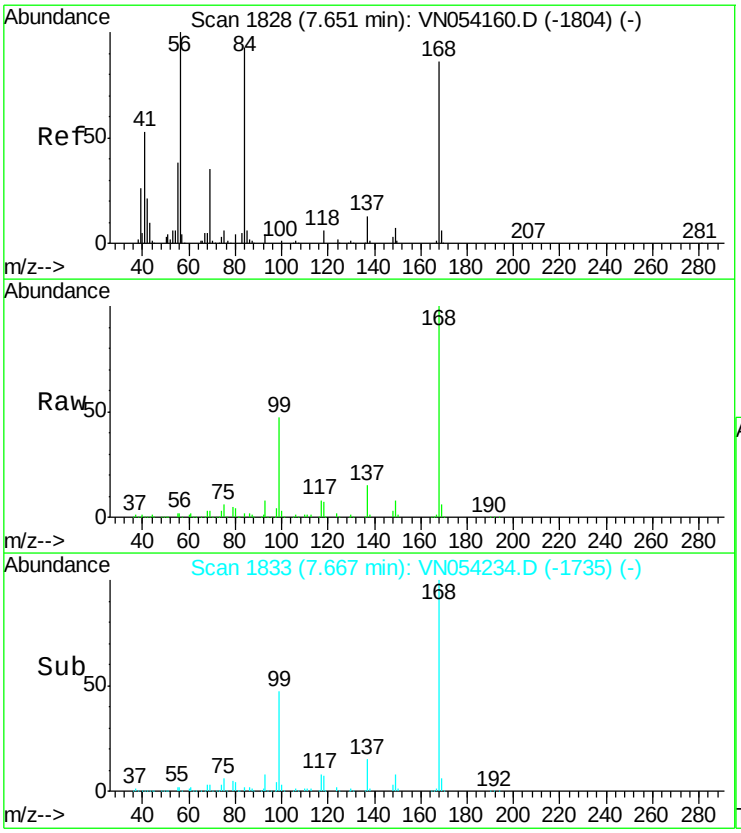
#30
Chloroform
Concen: 0.283 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 7036

Ion	Ratio	Lower	Upper
83	100		
85	53.4	52.2	78.4

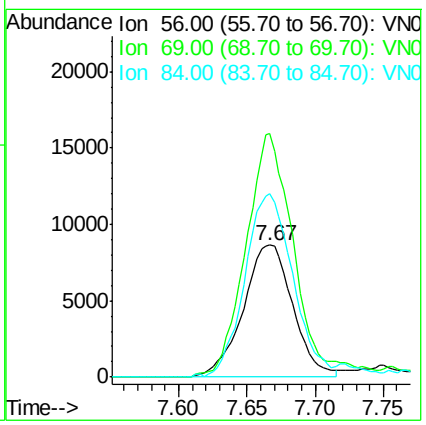


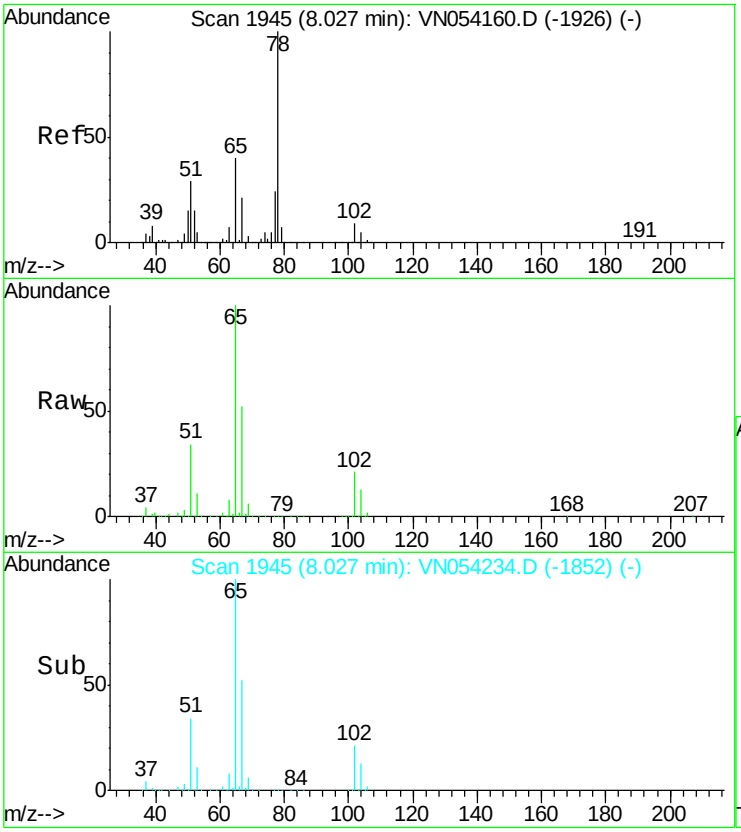


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 56 Resp: 21835

Ion	Ratio	Lower	Upper
56	100		
69	185.0	27.8	41.6#
84	139.2	74.6	111.8#



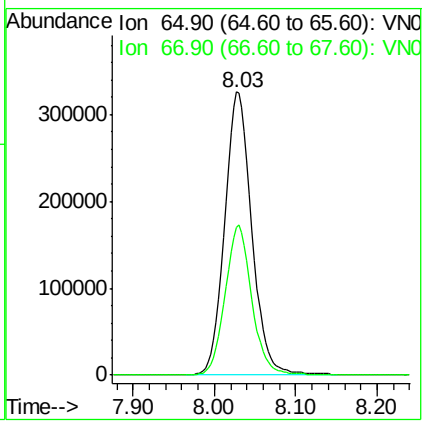


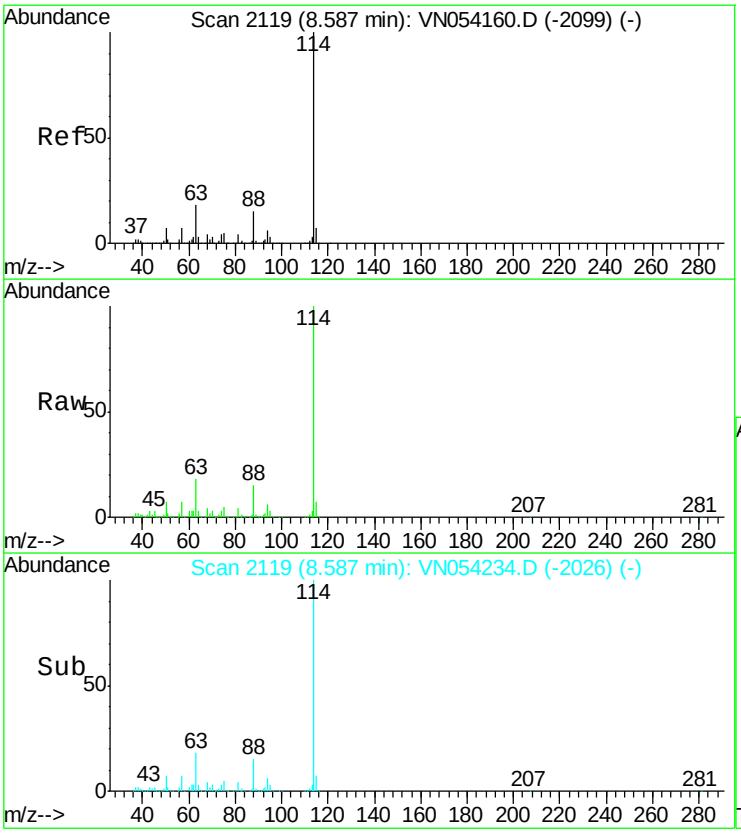
#33
1,2-Dichloroethane-d4
Concen: 51.426 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 762472

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.6

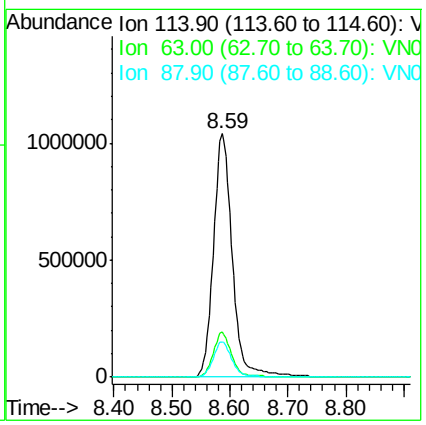


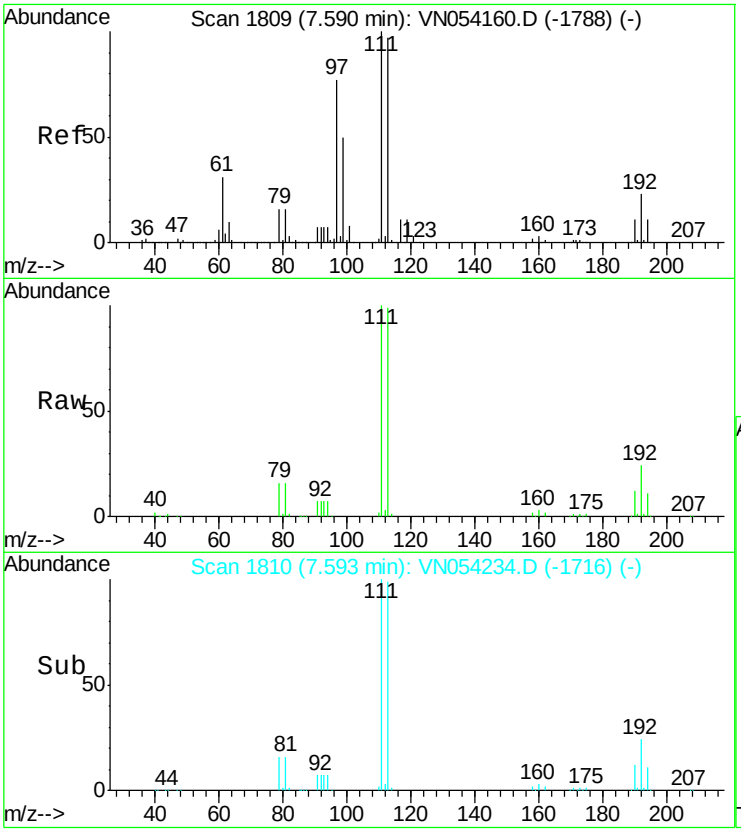


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion:114 Resp: 2353184

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.2
88	14.6	0.0	30.2



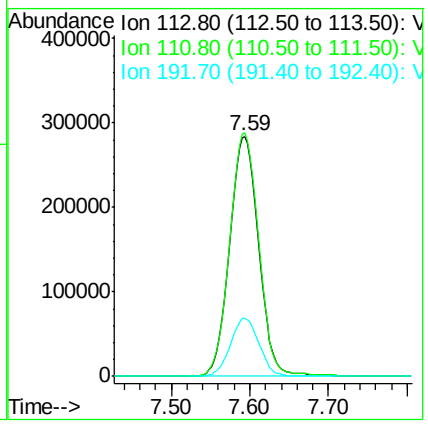


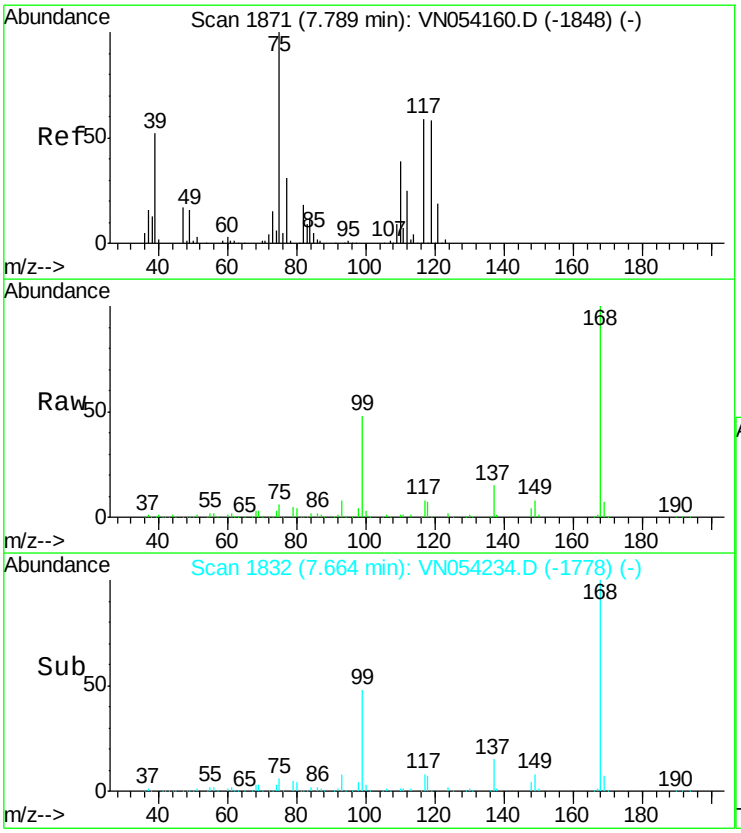
#35
Dibromofluoromethane
Concen: 47.844 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 726133

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	24.0	19.2	28.8

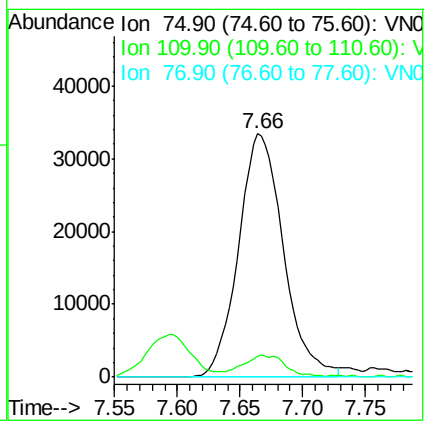


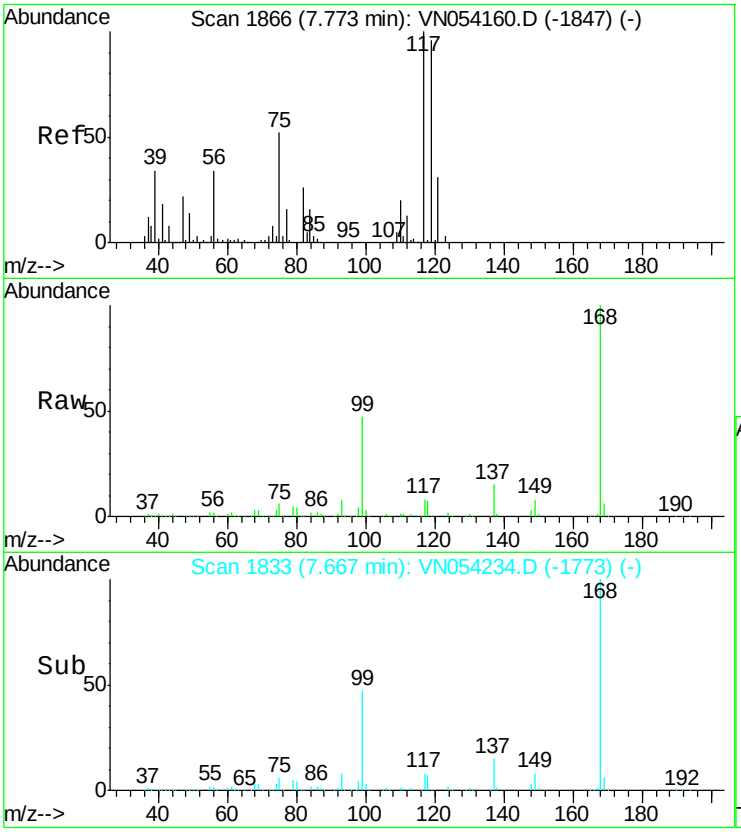


#36
1,1-Dichloropropene
Concen: 3.837 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 75 Resp: 83161

Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.5#
77	0.0	25.0	37.4#



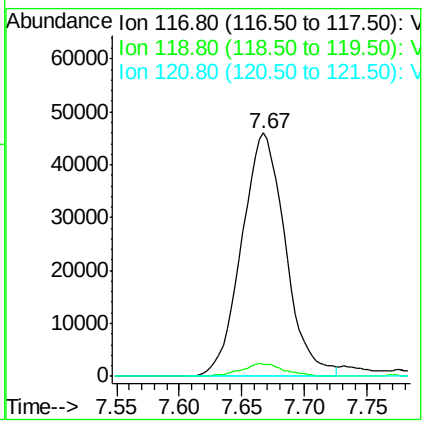


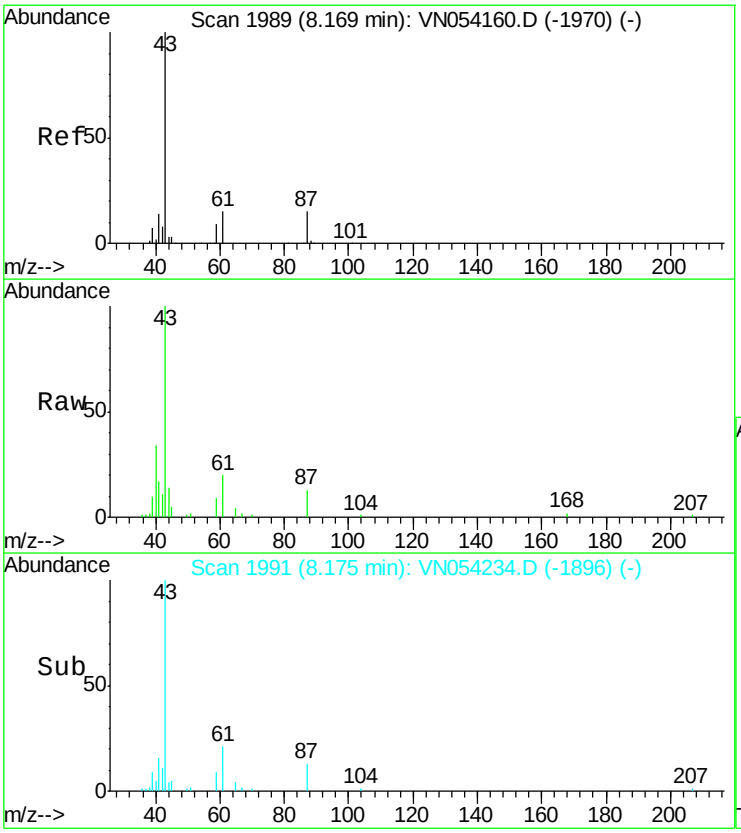
#38
Carbon Tetrachloride
Concen: 4.924 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 111891

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.3	114.5#
121	0.0	24.6	36.8#

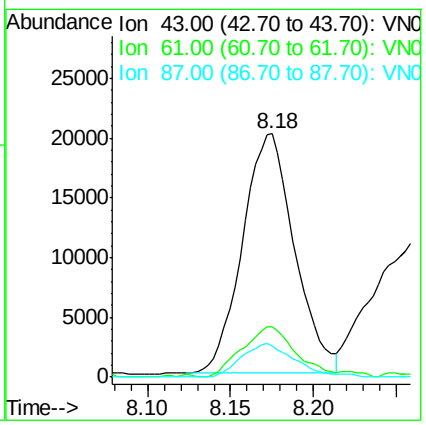


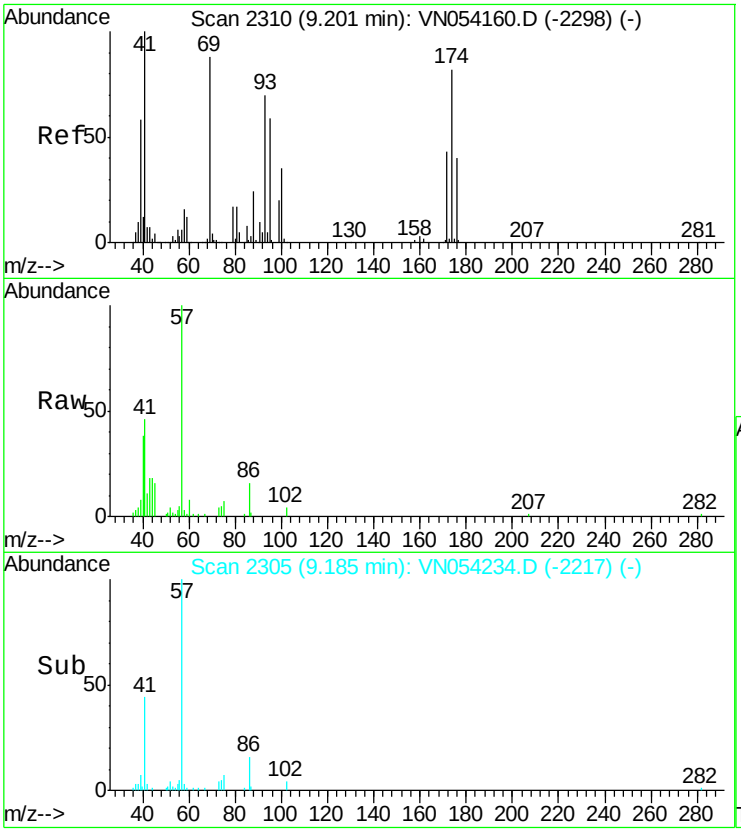


#43
Isopropyl Acetate
Concen: 2.001 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 43 Resp: 43739

Ion	Ratio	Lower	Upper
43	100		
61	21.4	15.8	23.8
87	14.5	12.0	18.0



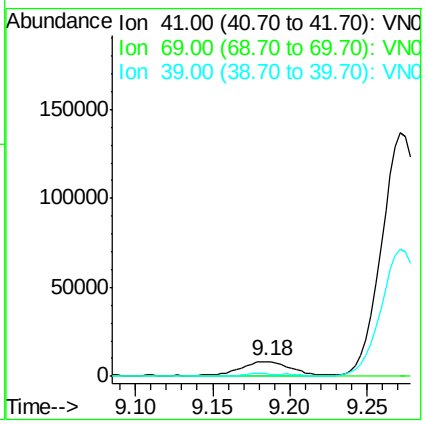


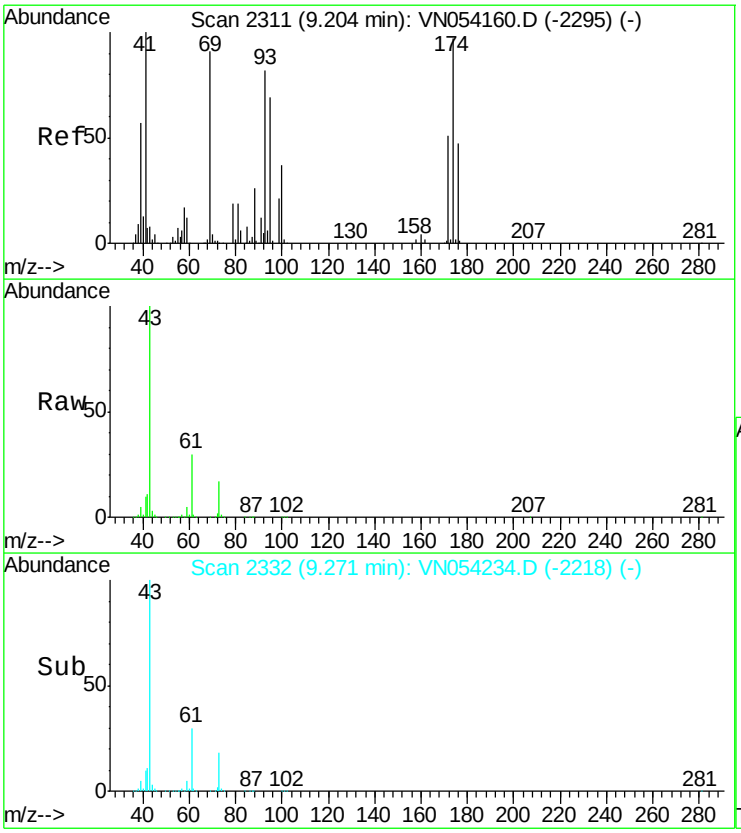
#48
Methyl methacrylate
Concen: 1.606 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 17816

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

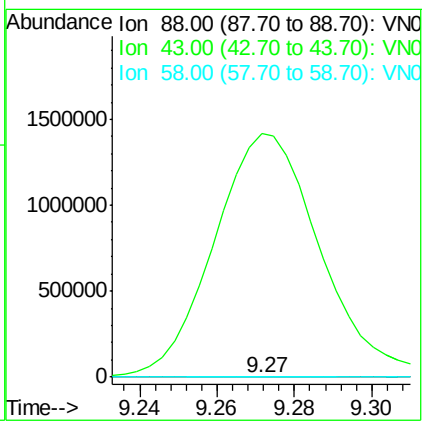


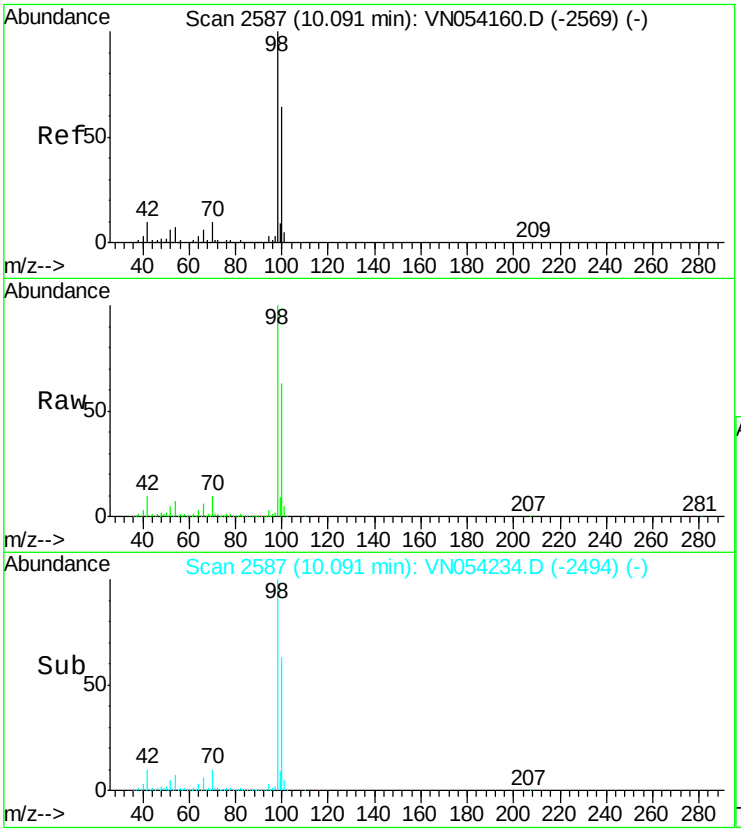


#49
1,4-Dioxane
Concen: 2.167 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 88 Resp: 340

Ion	Ratio	Lower	Upper
88	100		
43	837684.4	24.1	36.1#
58	3505.6	50.8	76.2#



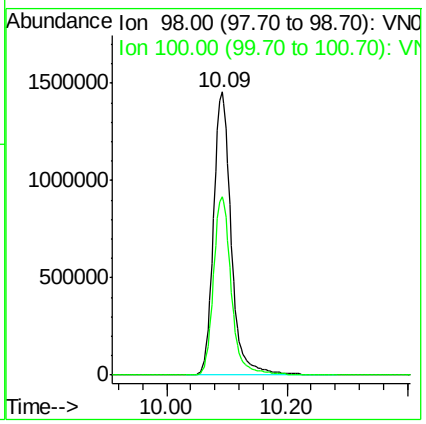


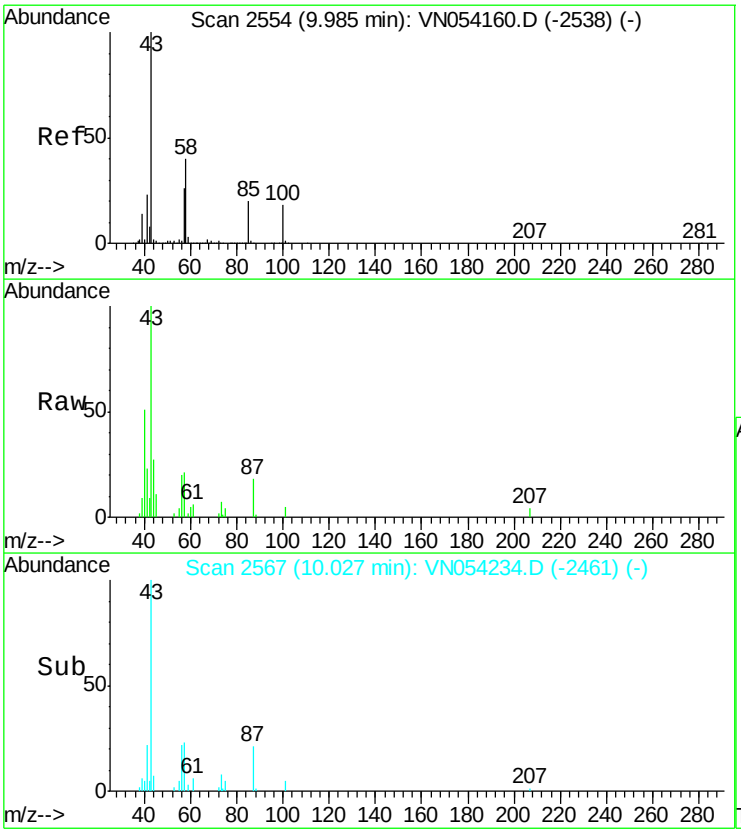
#50
Toluene-d8
Concen: 51.899 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 2909000

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8

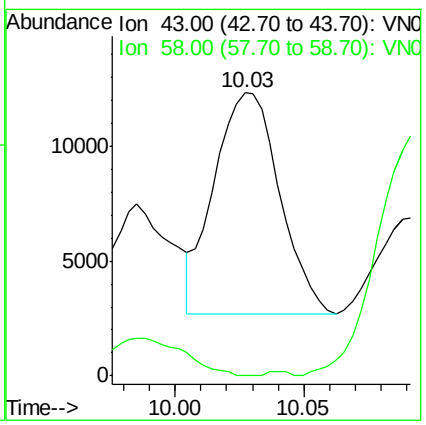


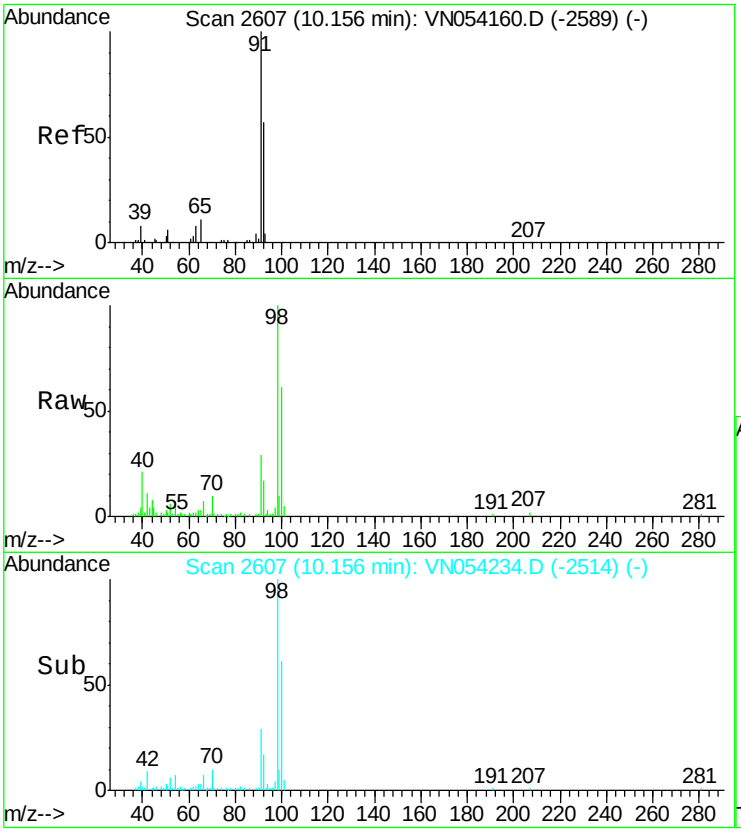


#51
4-Methyl-2-Pentanone
Concen: 1.476 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 43 Resp: 17071

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#



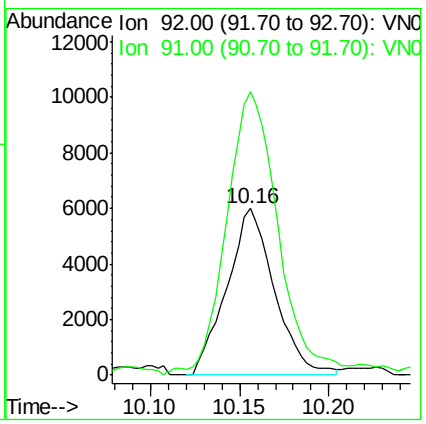


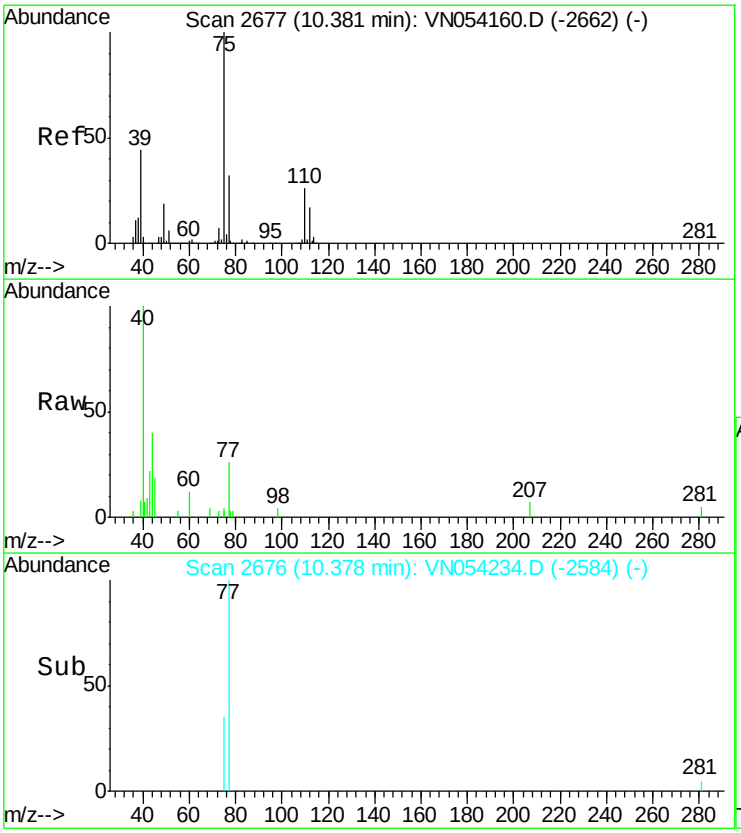
#52
Toluene
Concen: 0.285 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 11202

Ion	Ratio	Lower	Upper
92	100		
91	183.7	140.7	211.1

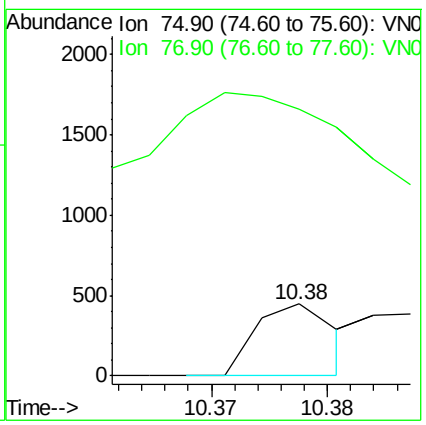


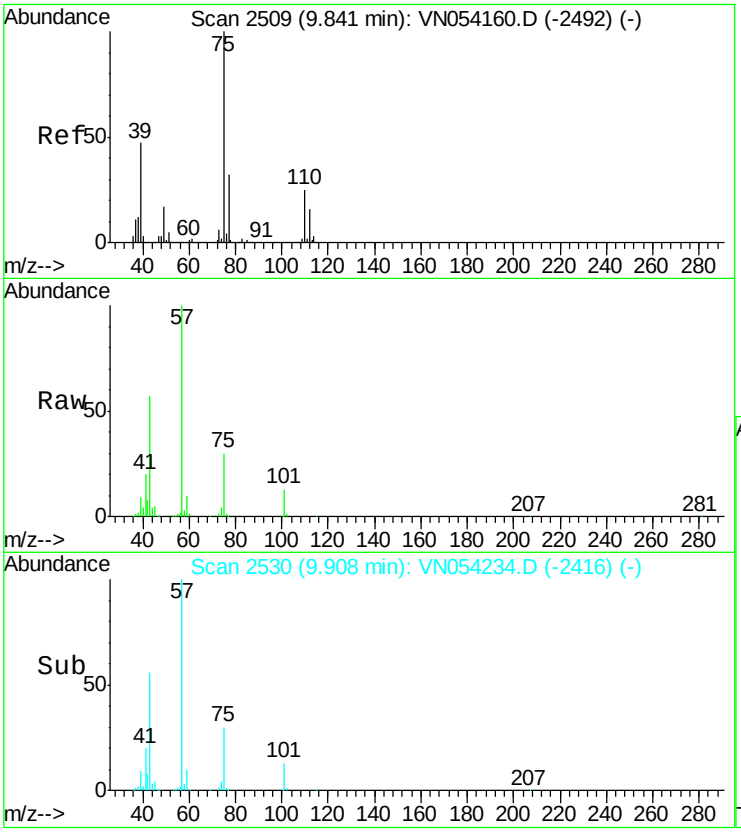


#53
t-1,3-Dichloropropene
Concen: 1.995 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 75 Resp: 213

Ion	Ratio	Lower	Upper
75	100		
77	24.7	25.8	38.8#



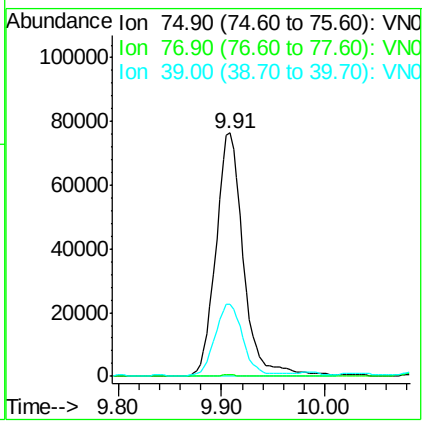


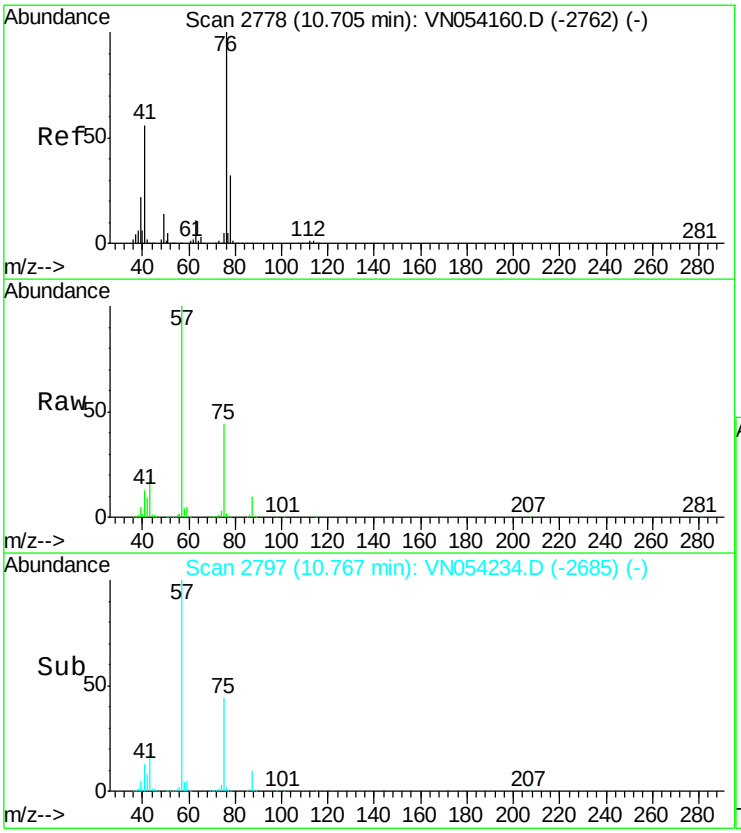
#54
cis-1,3-Dichloropropene
Concen: 5.836 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 141843

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.4	38.0#
39	29.3	37.2	55.8#

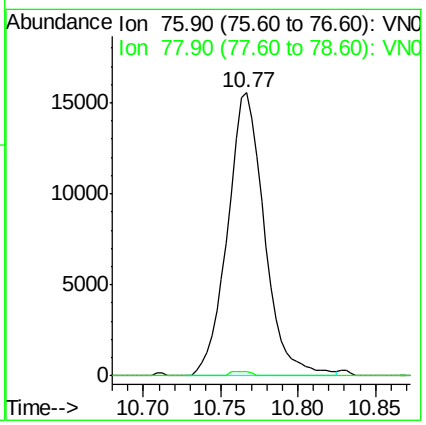


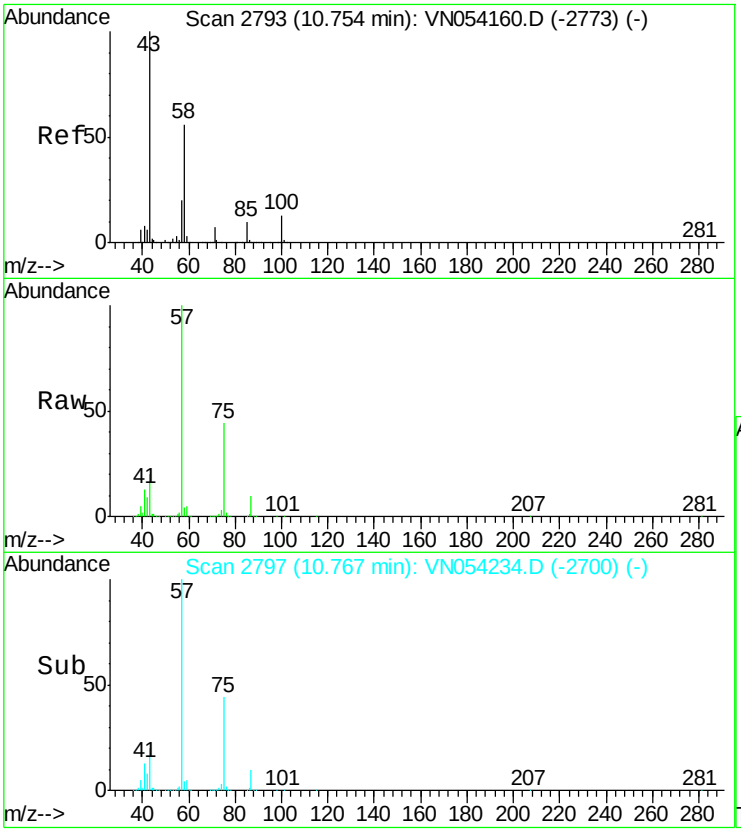


#57
1,3-Dichloropropane
Concen: 1.096 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 76 Resp: 25734

Ion	Ratio	Lower	Upper
76	100		
78	0.8	25.7	38.5#



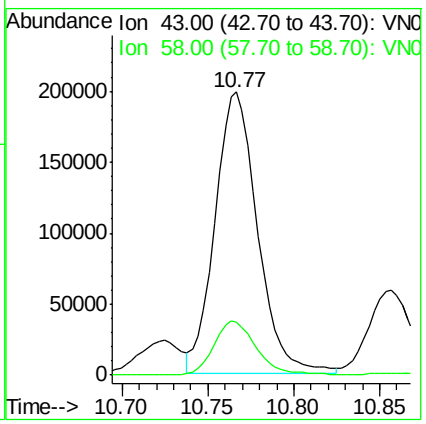


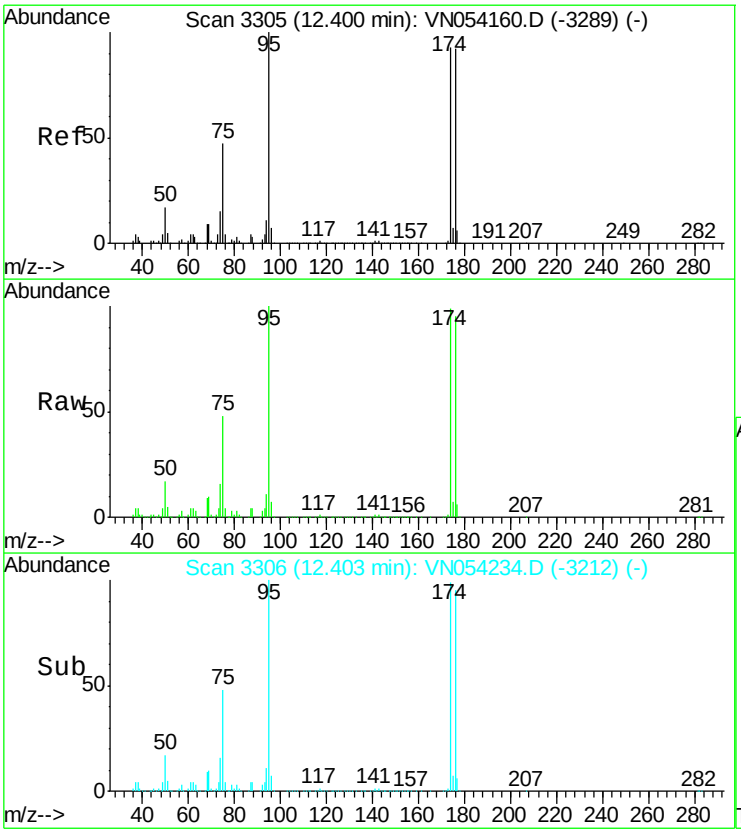
#59
2-Hexanone
Concen: 44.518 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 342622

Ion	Ratio	Lower	Upper
43	100		
58	19.5	28.0	83.9#

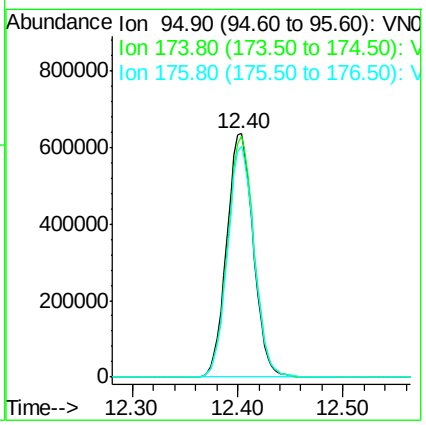


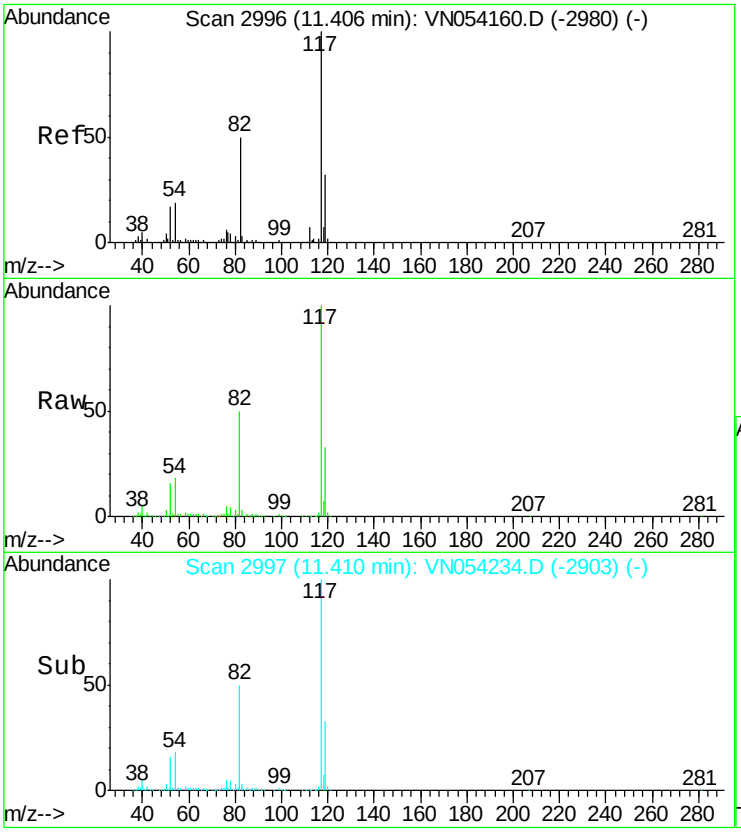


#62
4-Bromofluorobenzene
Concen: 56.505 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 95 Resp: 1108200

Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	191.0
176	94.6	0.0	187.4



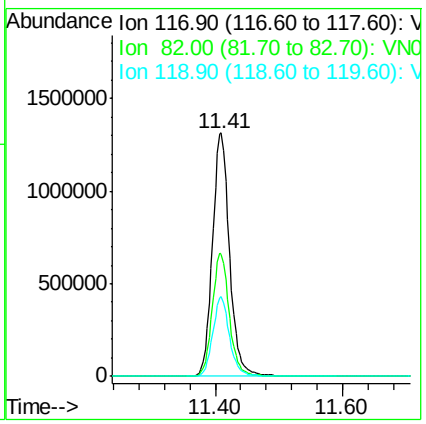


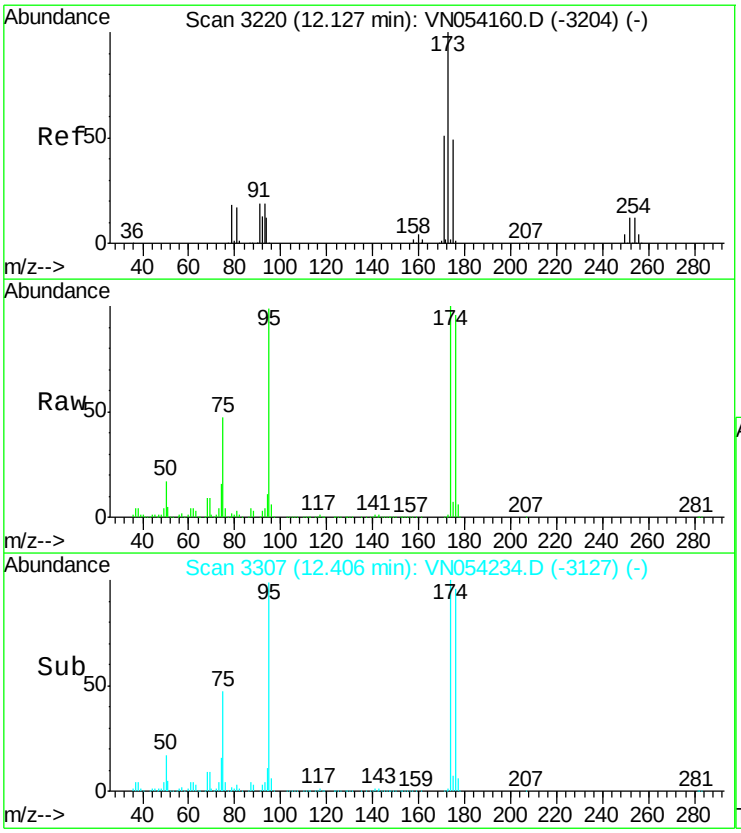
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 2447660

Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.0	60.0
119	32.6	25.8	38.6

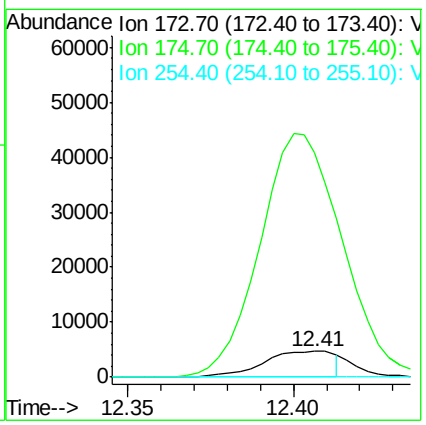


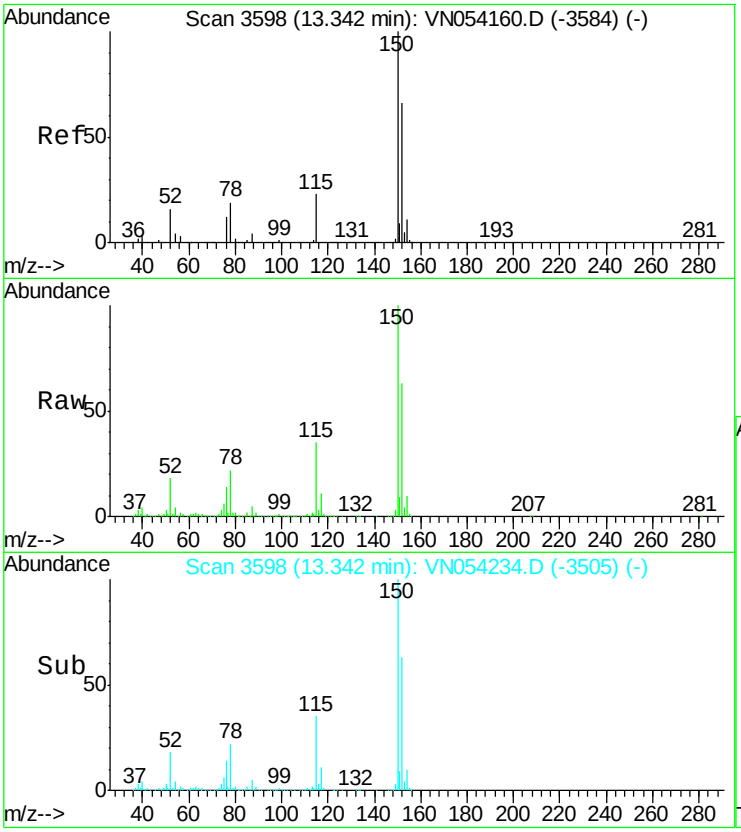


#71
Bromoform
Concen: 2.802 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion:173 Resp: 7048

Ion	Ratio	Lower	Upper
173	100		
175	919.2	24.4	73.2#
254	0.0	0.1	0.1#



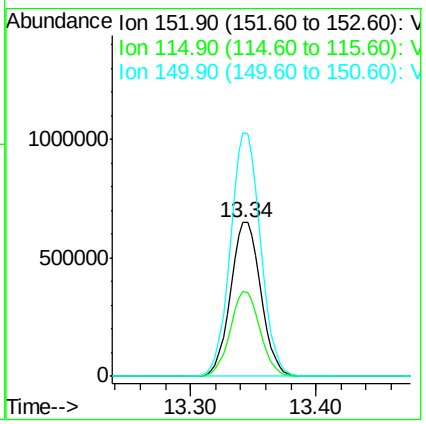


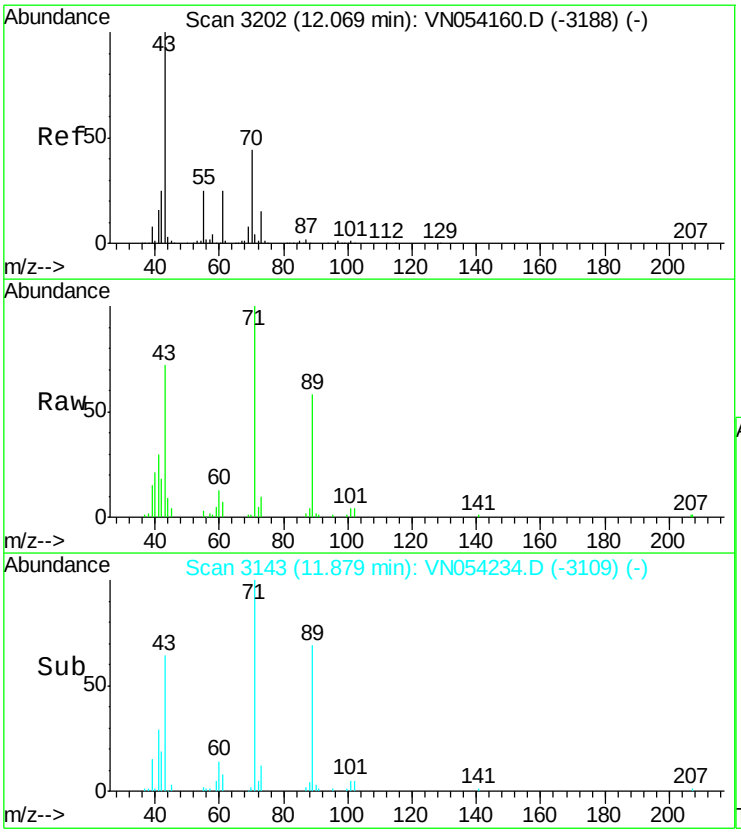
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 1087575

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.2	81.6
150	157.0	0.0	349.2

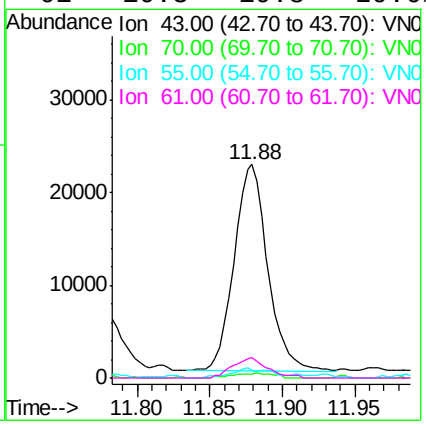


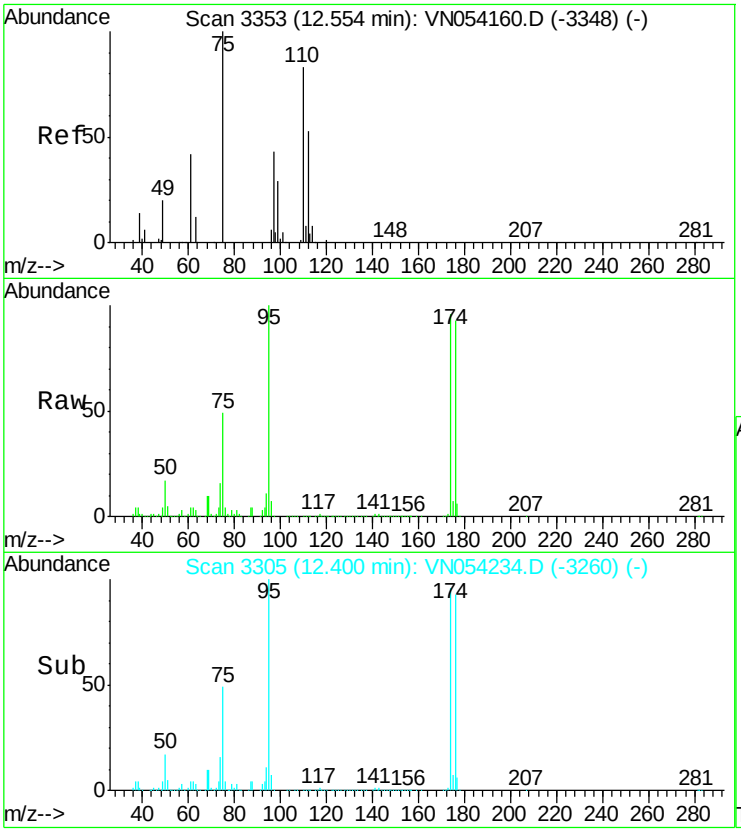


#74
N-amyl acetate
Concen: 1.841 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 43 Resp: 35560

Ion	Ratio	Lower	Upper
43	100		
70	2.9	35.4	53.0#
55	3.6	19.8	29.6#
61	10.3	19.8	29.6#



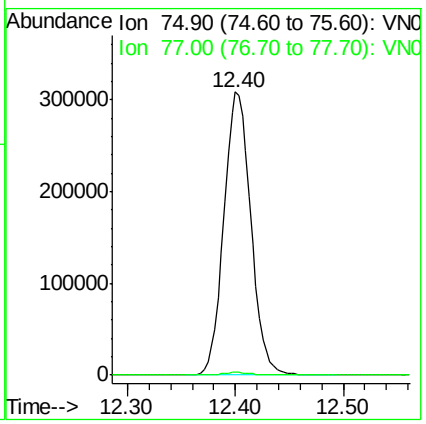


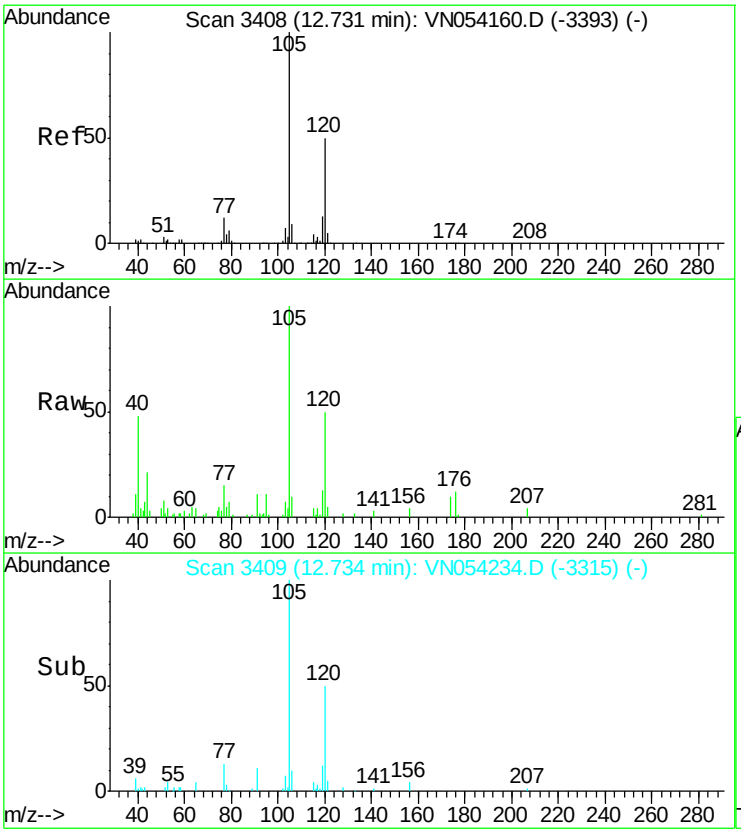
#76
1,2,3-Trichloropropane
Concen: 33.601 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 537395

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

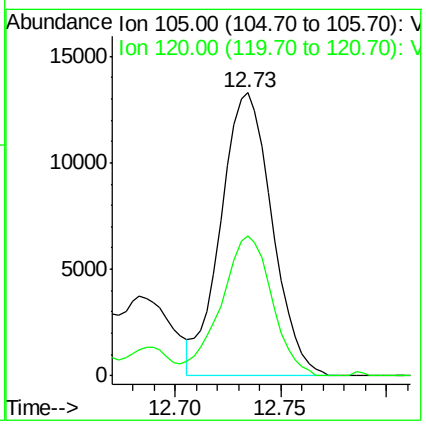


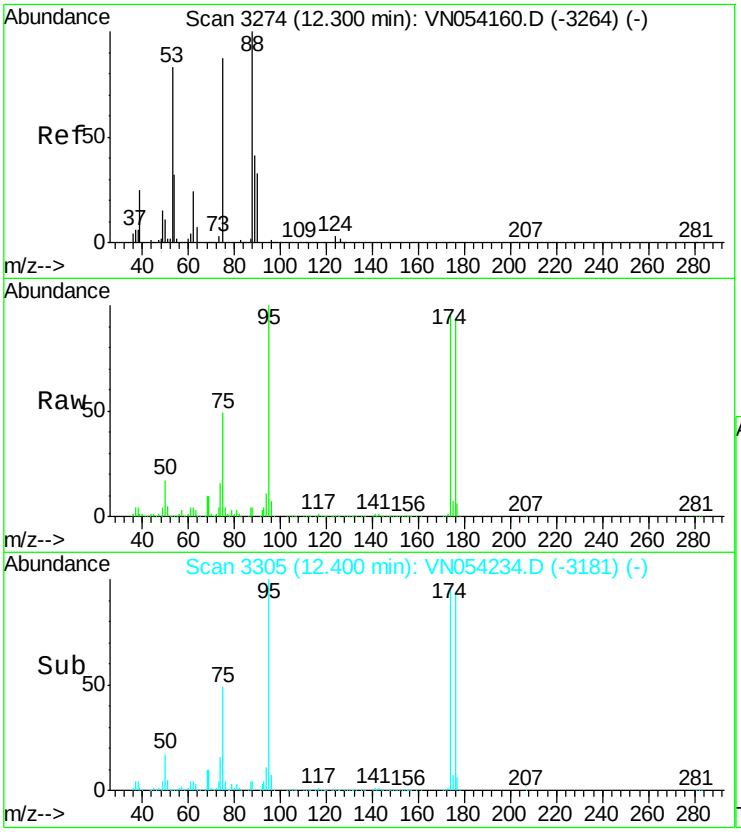


#80
1,3,5-Trimethylbenzene
Concen: 0.311 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion:105 Resp: 22496

Ion	Ratio	Lower	Upper
105	100		
120	49.0	25.0	75.0



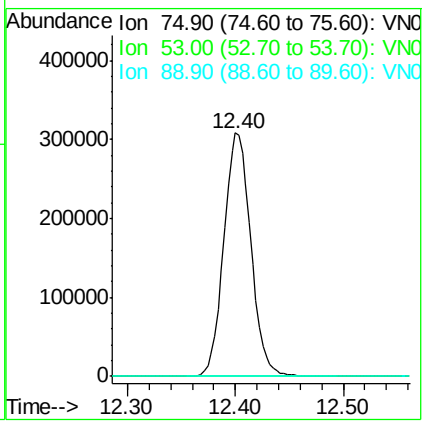


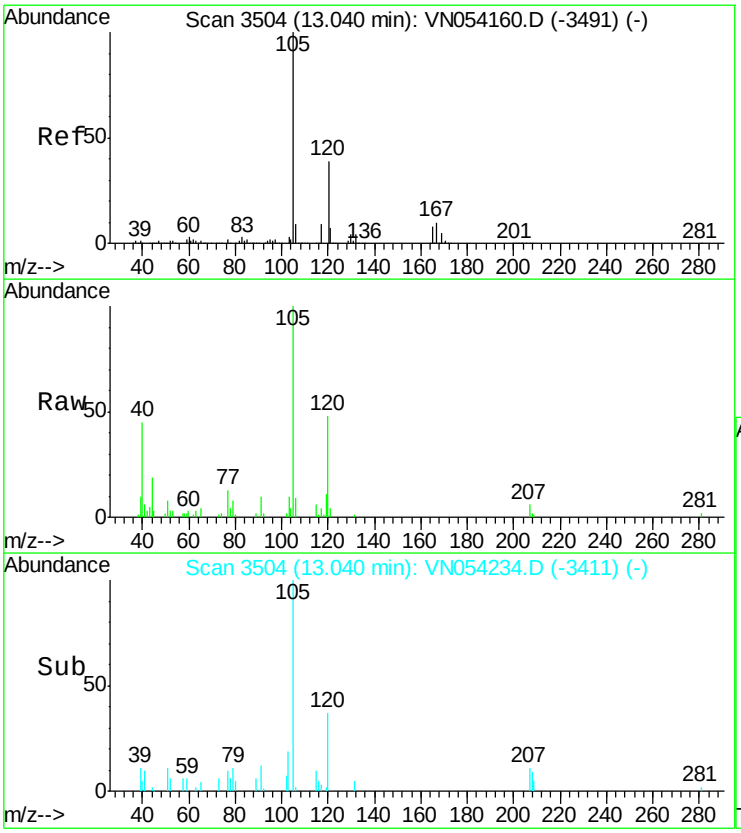
#81
trans-1,4-Dichloro-2-butene
Concen: 114.864 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 537395

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.2	114.2#
89	0.0	39.2	58.8#

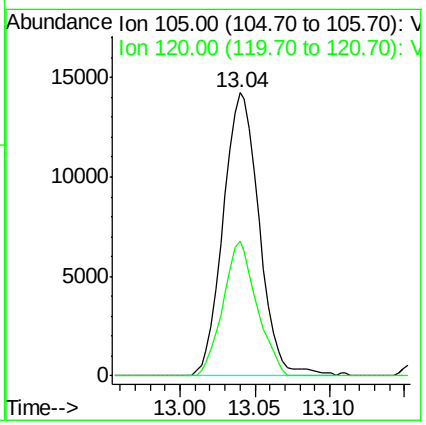


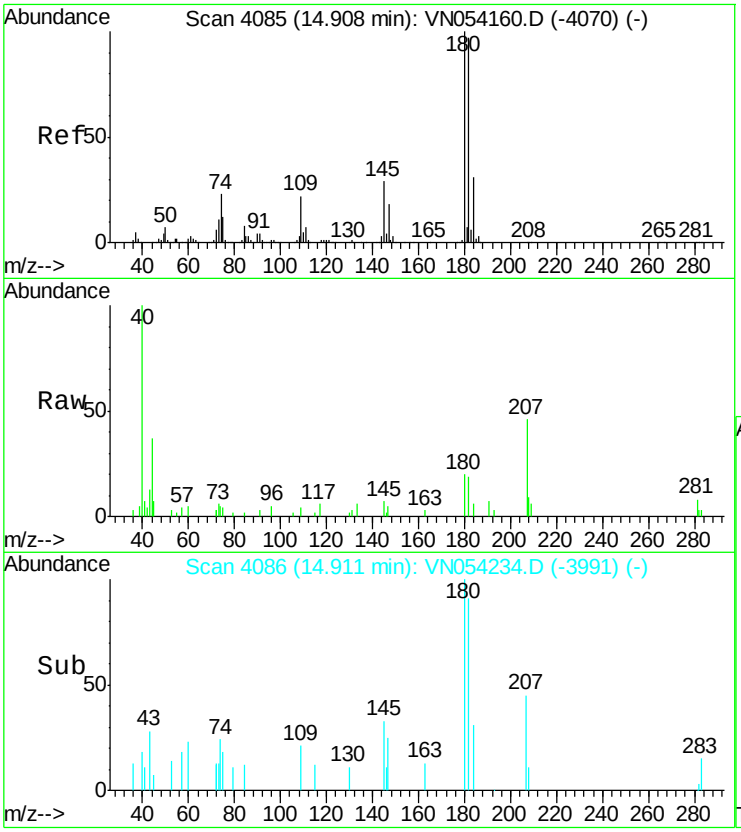


#84
1,2,4-Trimethylbenzene
Concen: 0.336 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion:105 Resp: 23880

Ion	Ratio	Lower	Upper
105	100		
120	44.5	23.4	70.3



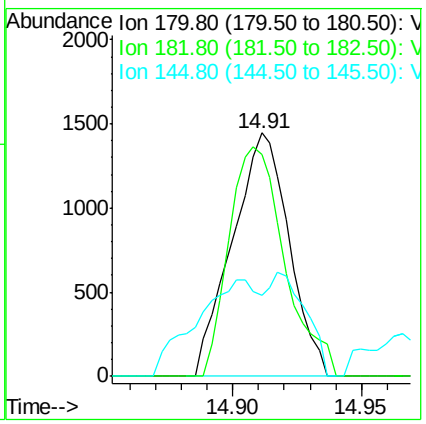


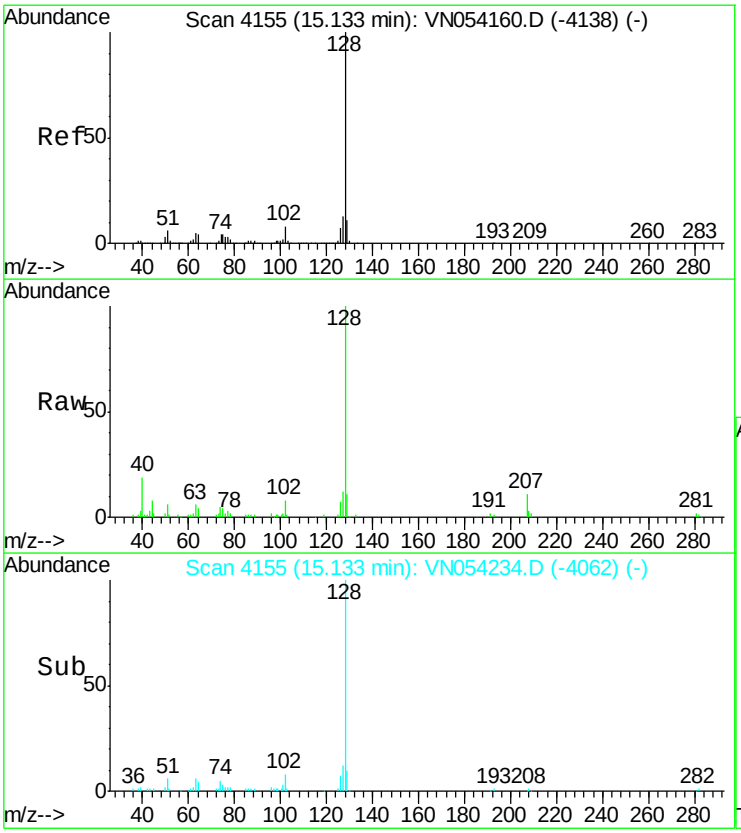
#93
1,2,4-Trichlorobenzene
Concen: 2.609 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 2223

Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.0	144.2
145	44.3	14.2	42.8#





#95
Naphthalene
Concen: 4.619 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion:128 Resp: 58919

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	11.6	8.7	13.1