Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
Data File : VN053344.D
Acq On : 10 Jan 2019 16:21
Operator : MD\SY
Sample : K1087-17
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MH-444-C

Quant Time: Jan 11 05:47:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1097739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1716694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1609025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	700272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	557273	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.60%			
35) Dibromofluoromethane	7.59	113	484698	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.20%			
50) Toluene-d8	10.09	98	2135403	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
62) 4-Bromofluorobenzene	12.40	95	740410	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.76	59	155	0.226	ug/l #	73
13) Acrolein	3.61	56	180	0.208	ug/l #	40
16) Acetone	3.82	43	21380	5.593	ug/l	99
18) Methyl Acetate	4.33	43	4331	0.419	ug/l #	73
20) Methylene Chloride	4.55	84	93887	7.654	ug/l	96
29) Tetrahydrofuran	7.22	42	1742	0.563	ug/l #	84
31) Cyclohexane	7.67	56	17681	0.715	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	71739	4.476	ug/l #	48
38) Carbon Tetrachloride	7.67	117	95606	6.463	ug/l #	16
43) Isopropyl Acetate	8.17	43	46525	2.266	ug/l #	81
45) 1,2-Dichloropropane	9.27	63	2984	0.232	ug/l #	43
48) Methyl methacrylate	9.18	41	13089	1.403	ug/l #	12
49) 1,4-Dioxane	9.27	88	248	2.495	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5640	0.546	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	96011	5.206	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	20621	1.117	ug/l #	42
59) 2-Hexanone	10.76	43	277987	39.287	ug/l #	51
71) Bromoform	12.40	173	4778	0.553	ug/l #	1
74) N-amyl acetate	11.88	43	30729	1.974	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	343538	33.635	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10851	0.258	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	343538	98.959	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	11015	0.257	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	1639	0.227	ug/l	94
95) Naphthalene	15.13	128	72232	5.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1644	0.348	ug/l	94

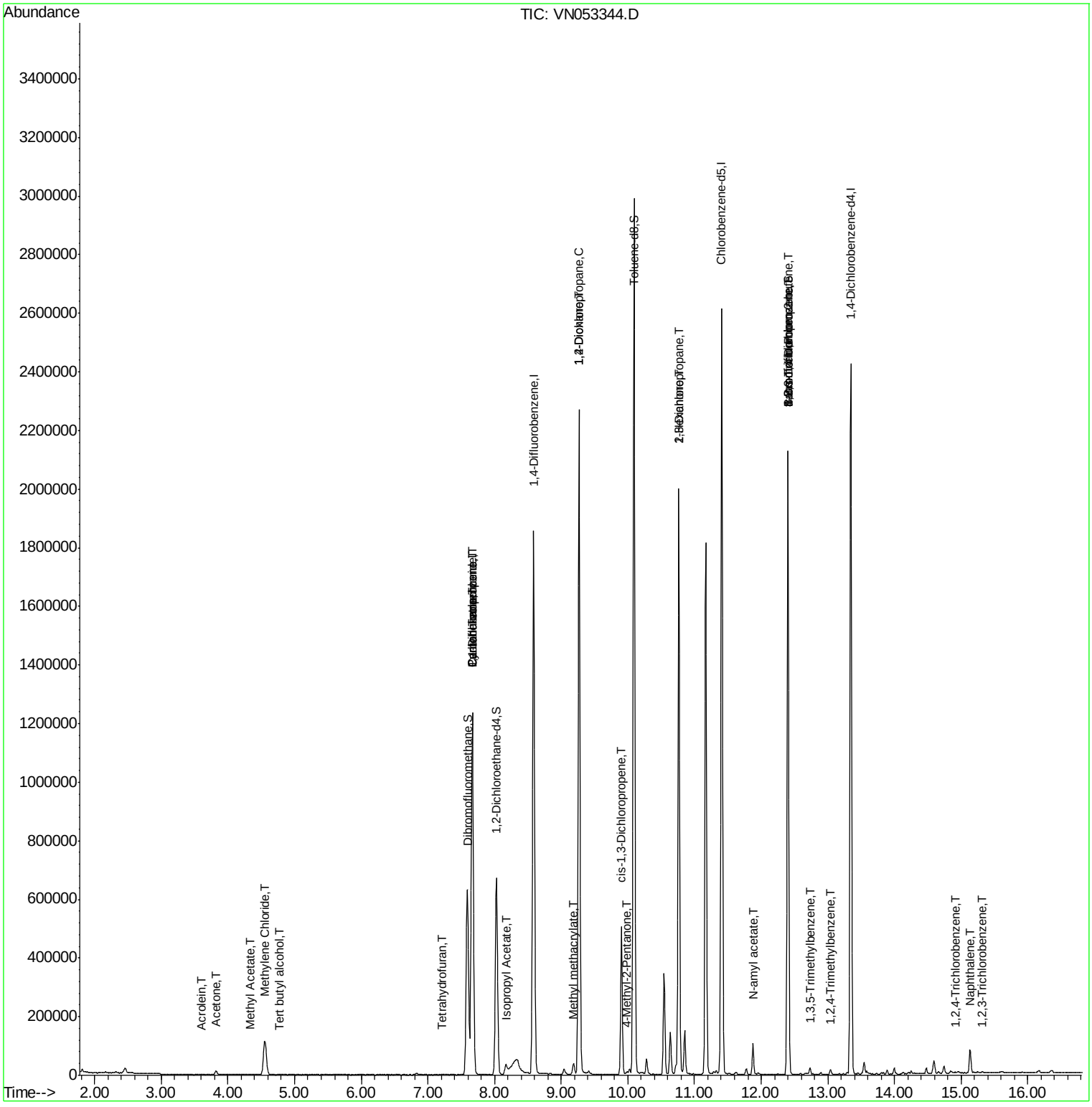
(#) = qualifier out of range (m) = manual integration (+) = signals summed

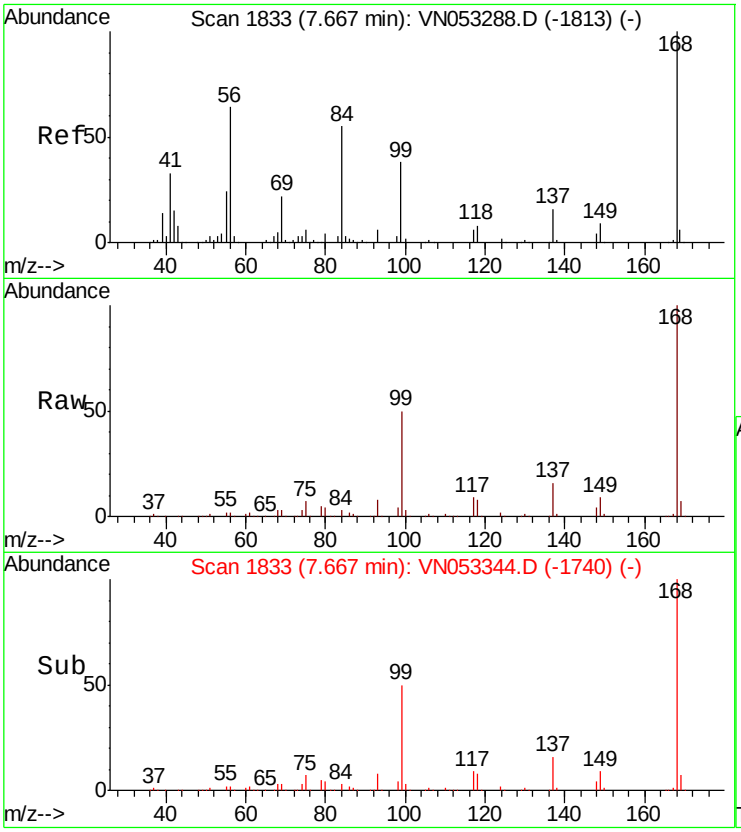
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
Data File : VN053344.D
Acq On : 10 Jan 2019 16:21
Operator : MD\SY
Sample : K1087-17
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Quant Time: Jan 11 05:47:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration



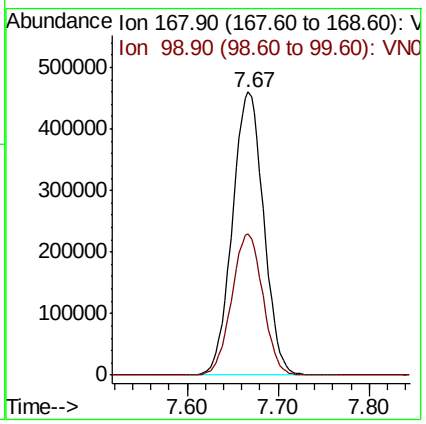


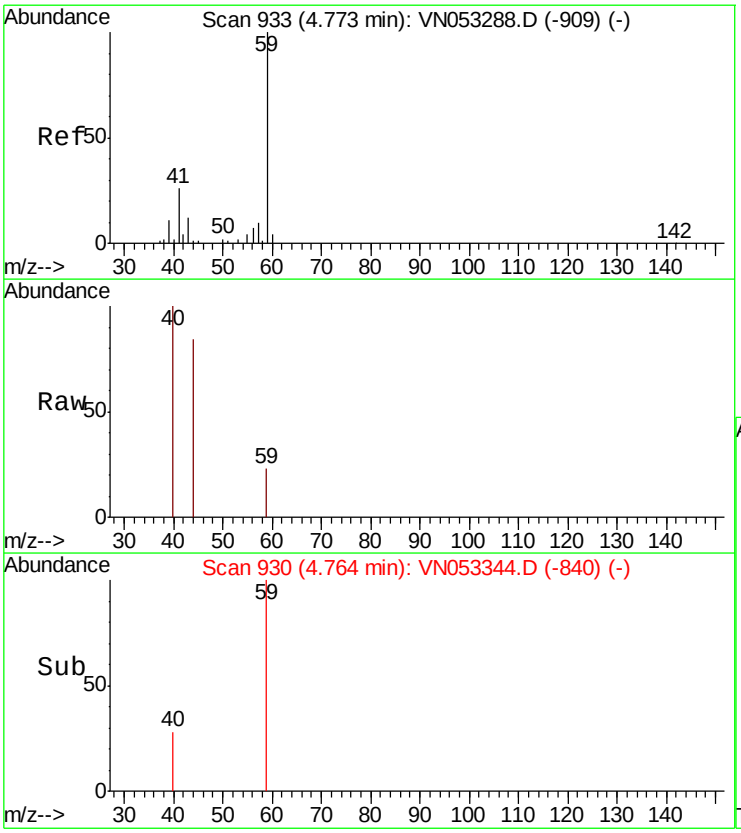
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion:168 Resp: 1097739

Ion	Ratio	Lower	Upper
168	100		
99	49.8	39.1	58.7

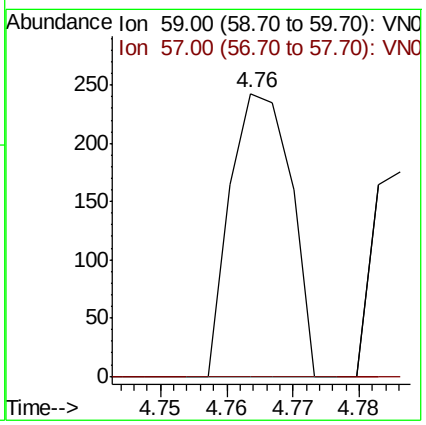


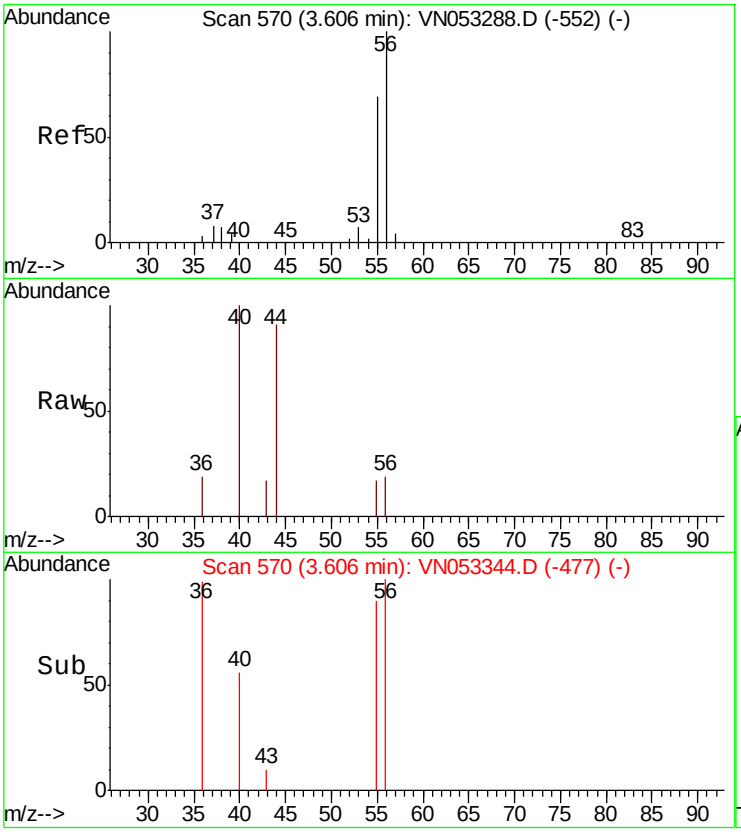


#11
Tert butyl alcohol
Concen: 0.226 ug/l
RT: 4.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 59 Resp: 155

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



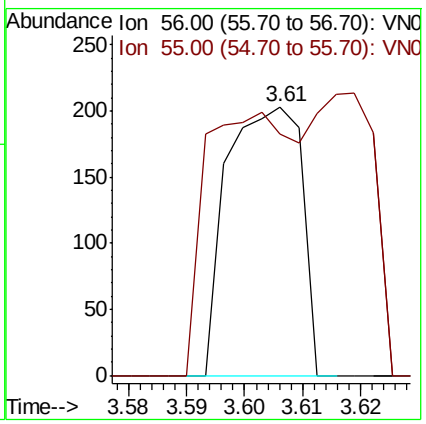


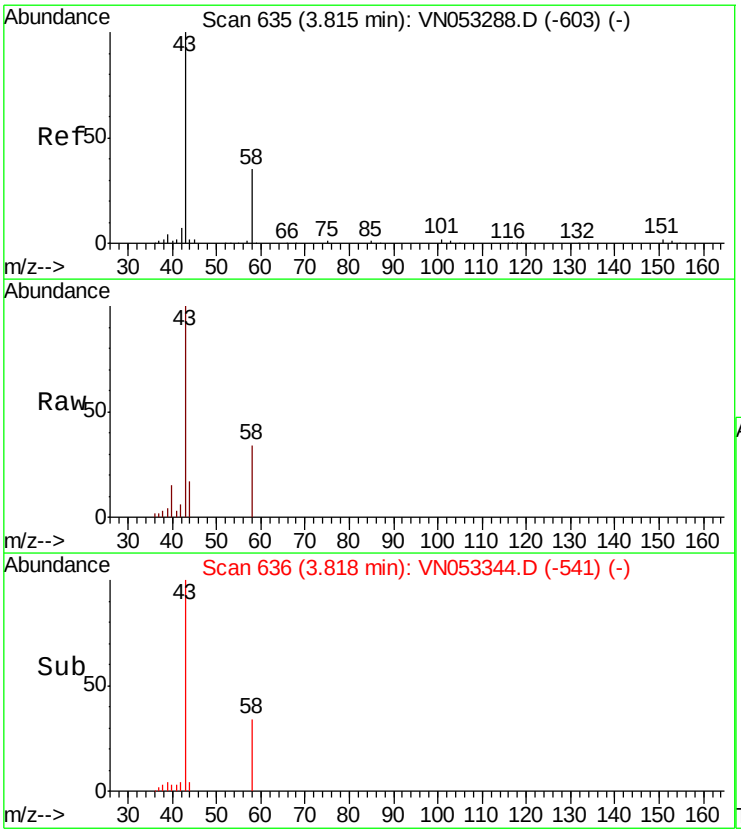
#13
Acrolein
Concen: 0.208 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion: 56 Resp: 180

Ion	Ratio	Lower	Upper
56	100		
55	120.0	56.3	84.5#

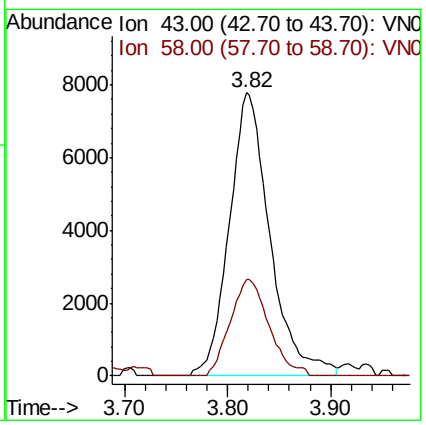


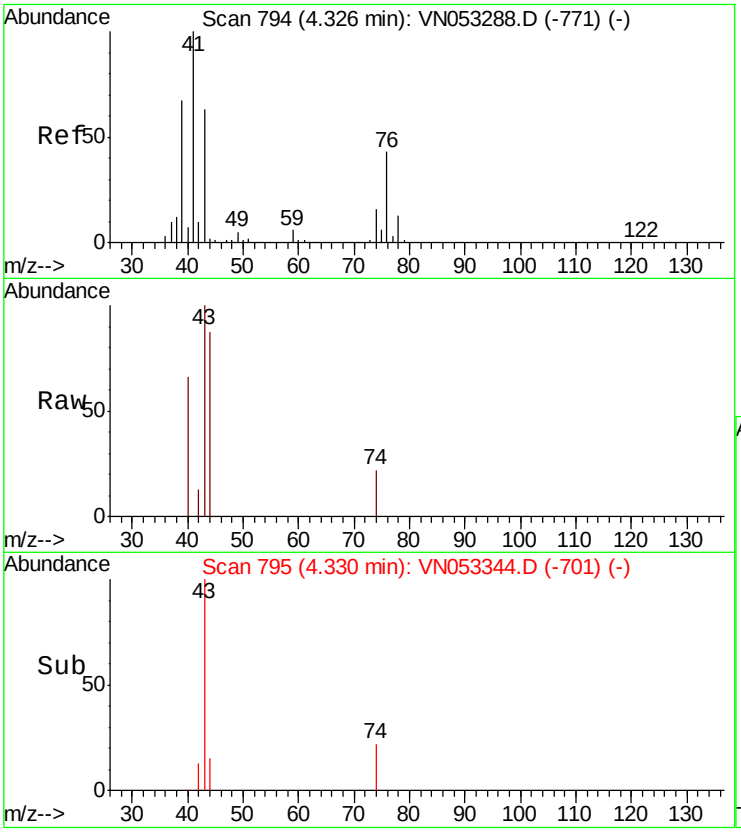


#16
Acetone
Concen: 5.593 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 43 Resp: 21380

Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.8	41.6



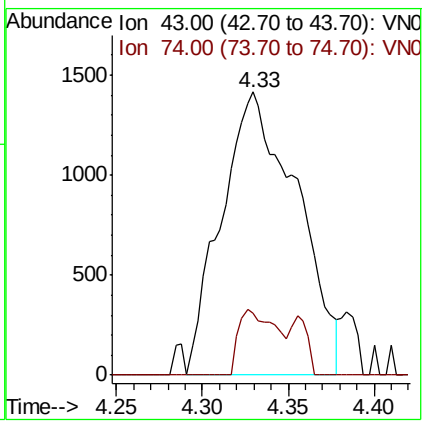


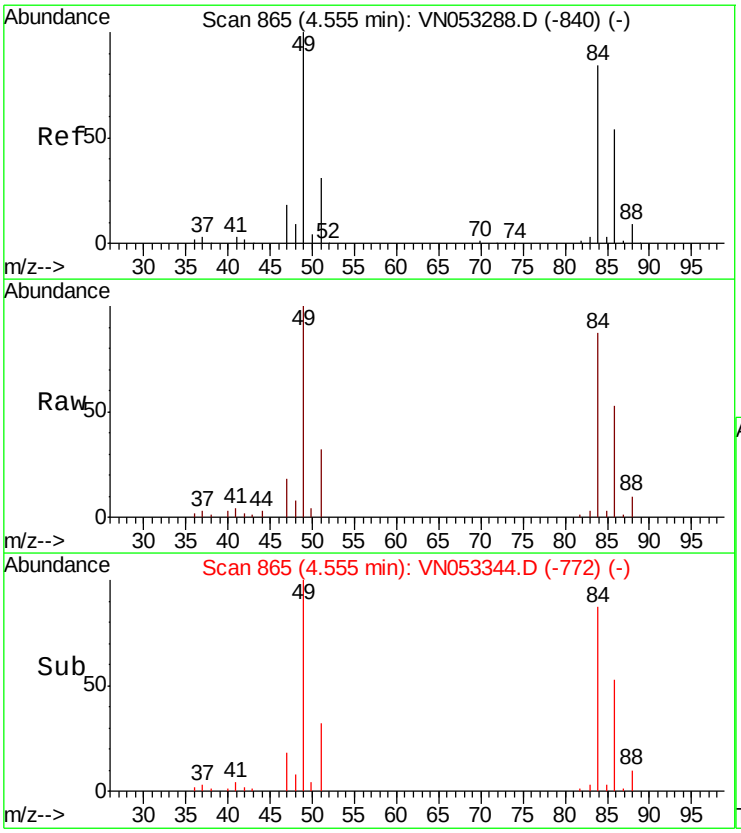
#18
Methyl Acetate
Concen: 0.419 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion: 43 Resp: 4331

Ion	Ratio	Lower	Upper
43	100		
74	11.5	19.8	29.8#

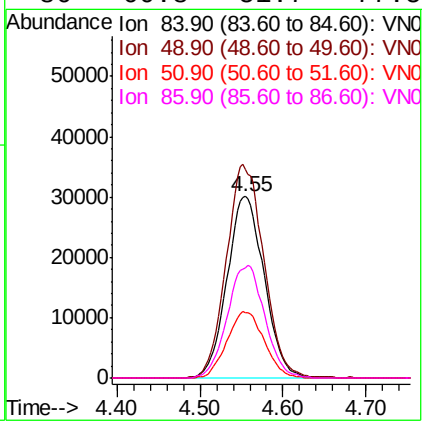


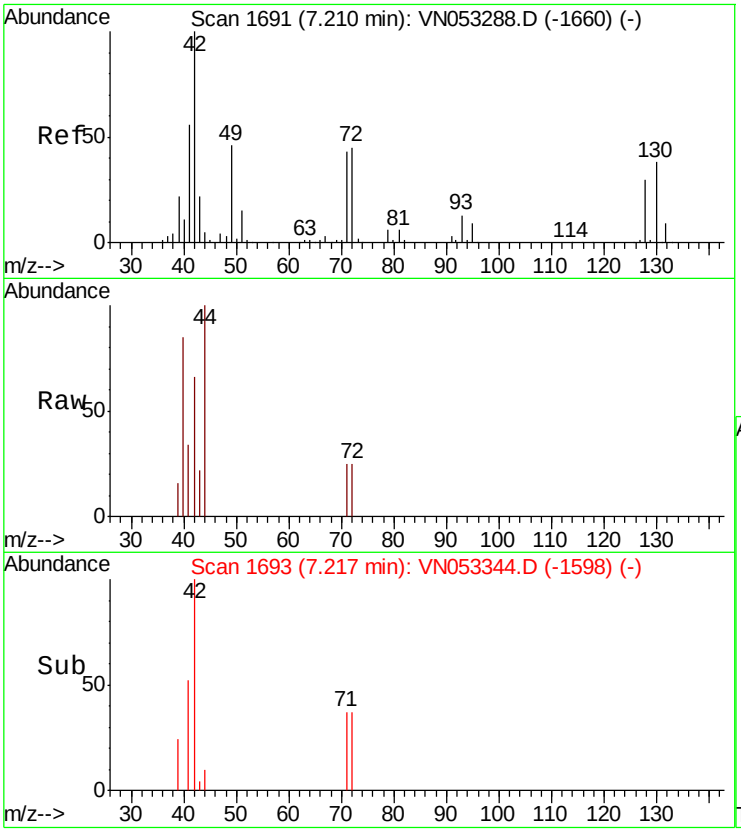


#20
Methylene Chloride
Concen: 7.654 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 84 Resp: 93887

Ion	Ratio	Lower	Upper
84	100		
49	114.7	95.3	142.9
51	36.2	29.0	43.6
86	60.8	51.7	77.5



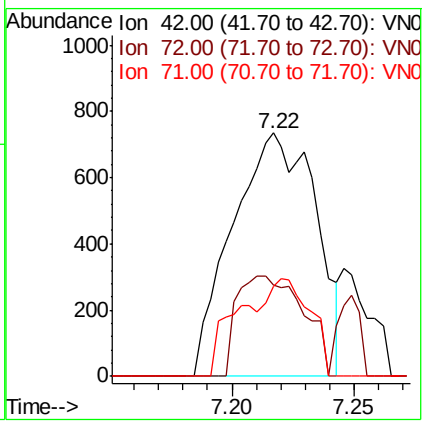


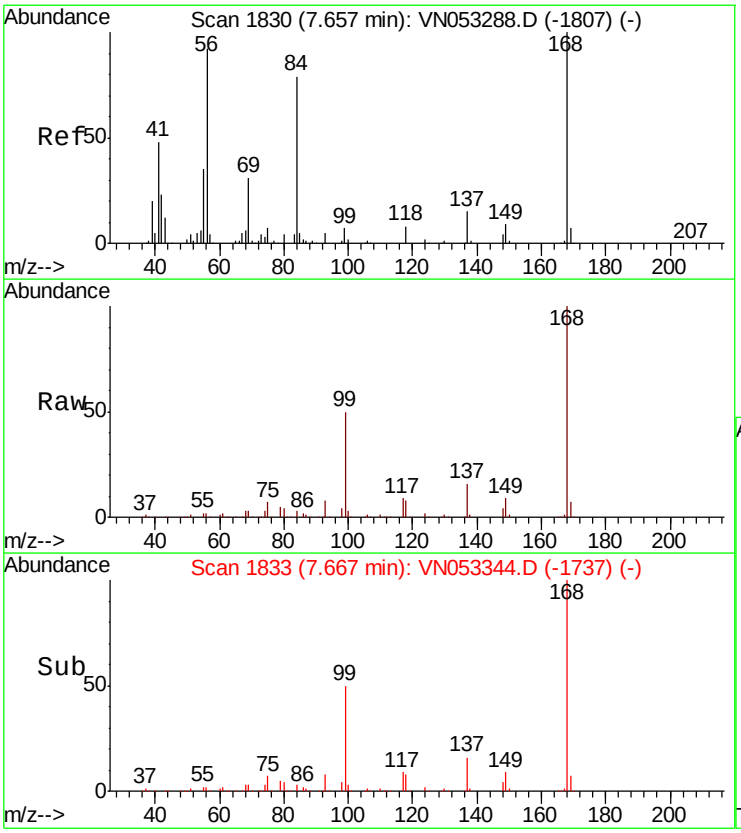
#29
Tetrahydrofuran
Concen: 0.563 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument : MSVOA_N
ClientSampleId : MH-444-C

Tgt Ion: 42 Resp: 1742

Ion	Ratio	Lower	Upper
42	100		
72	32.7	35.6	53.4#
71	33.8	33.8	50.8#

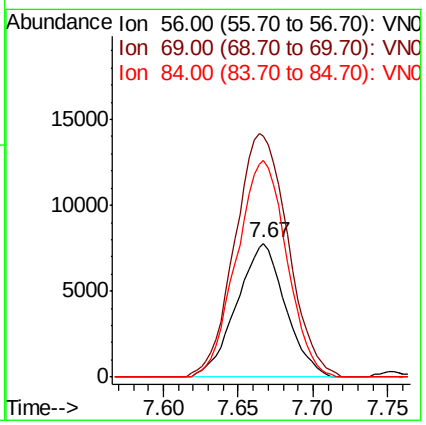


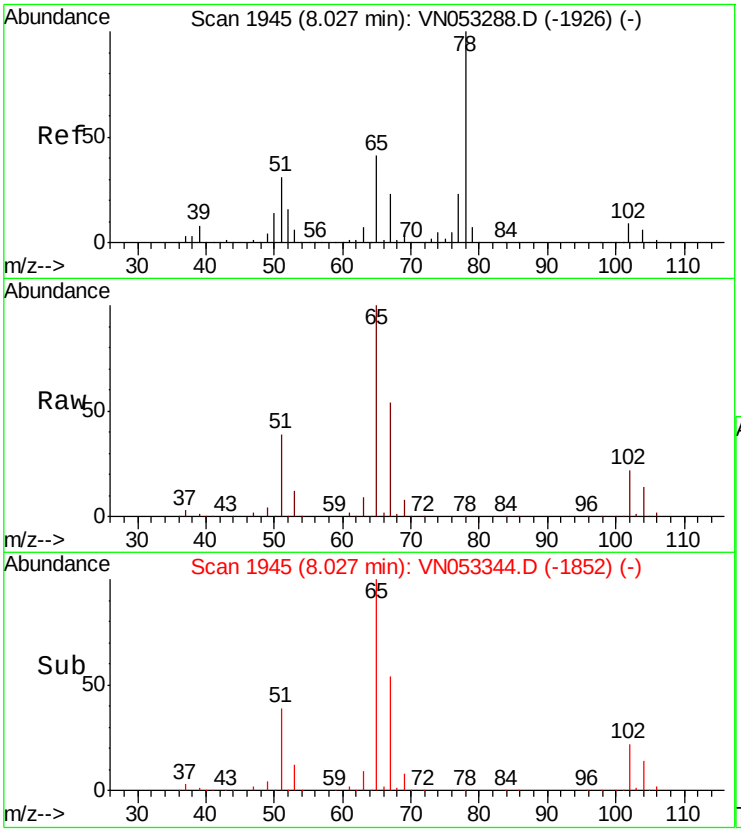


#31
Cyclohexane
Concen: 0.715 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 56 Resp: 17681

Ion	Ratio	Lower	Upper
56	100		
69	180.4	26.7	40.1#
84	161.7	68.2	102.4#



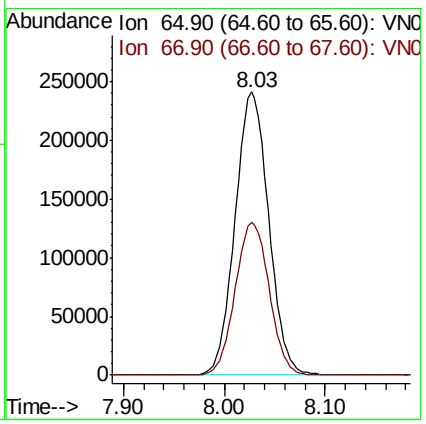


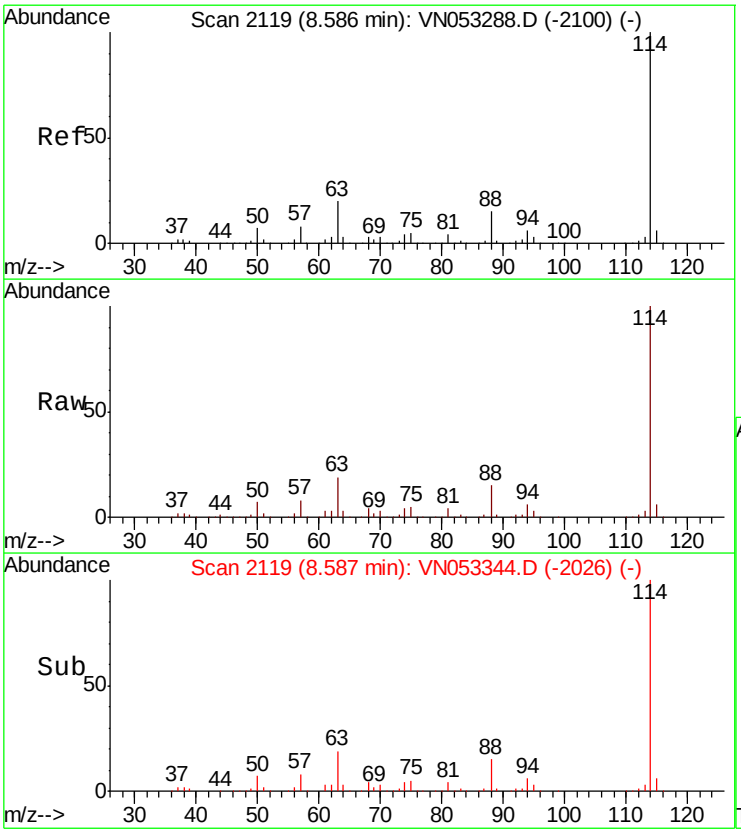
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion: 65 Resp: 557273

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	111.0

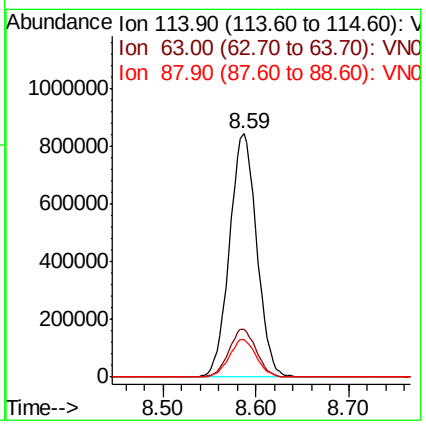


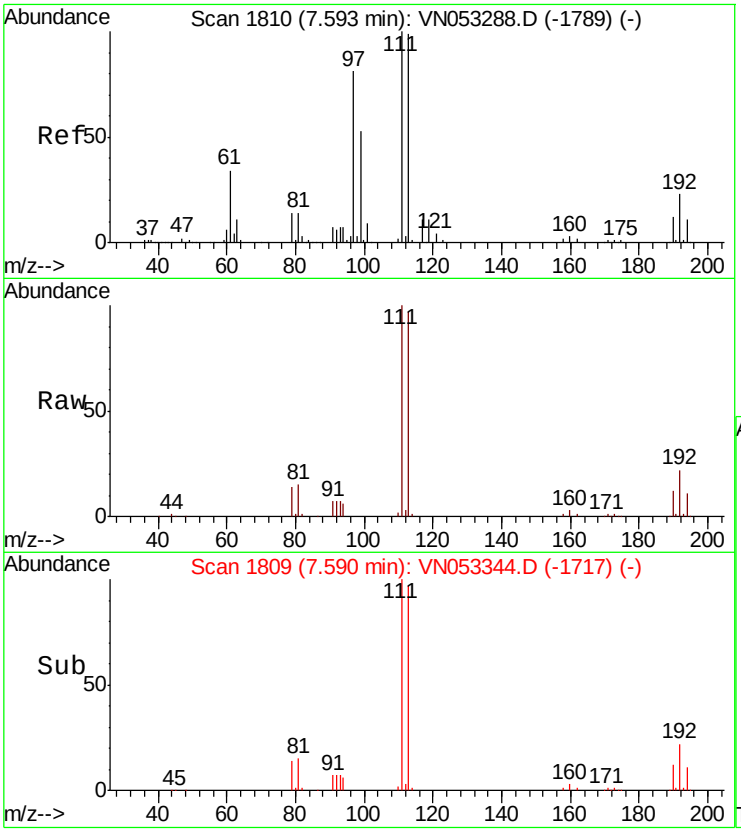


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion:114 Resp: 1716694

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	15.3	0.0	30.8



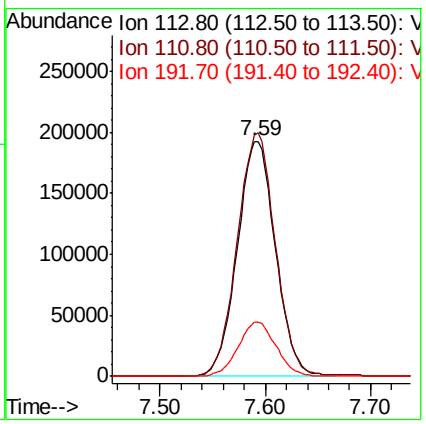


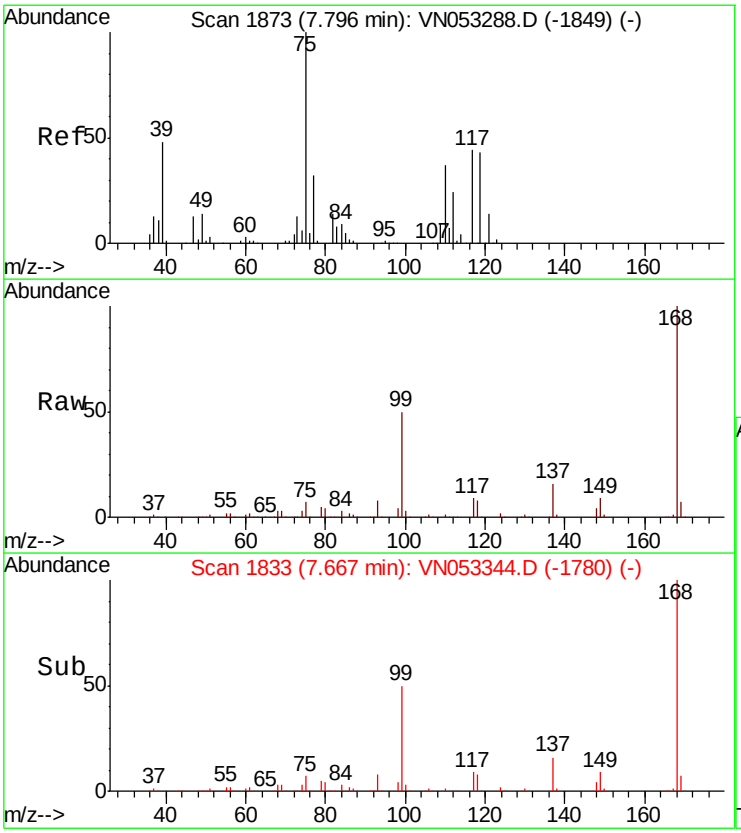
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion:113 Resp: 484698

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.2
192	22.9	17.9	26.9

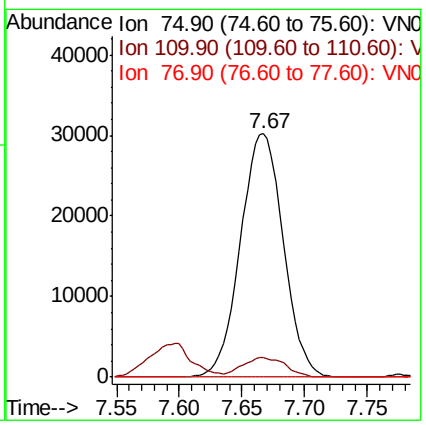


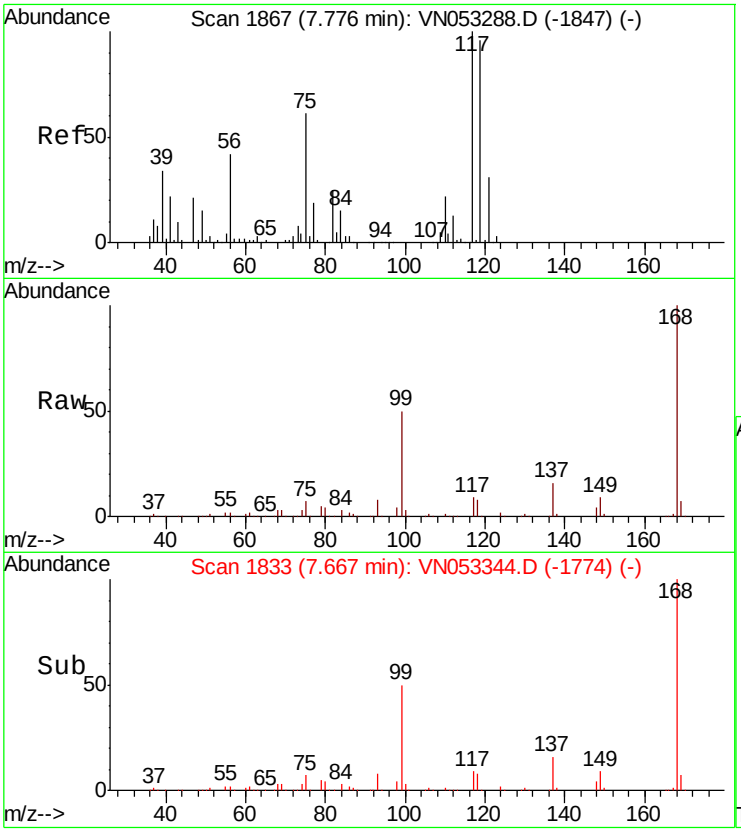


#36
1,1-Dichloropropene
Concen: 4.476 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 75 Resp: 71739

Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.4	55.0#
77	0.0	25.3	37.9#



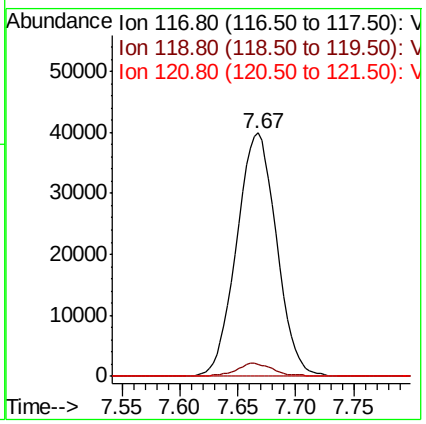


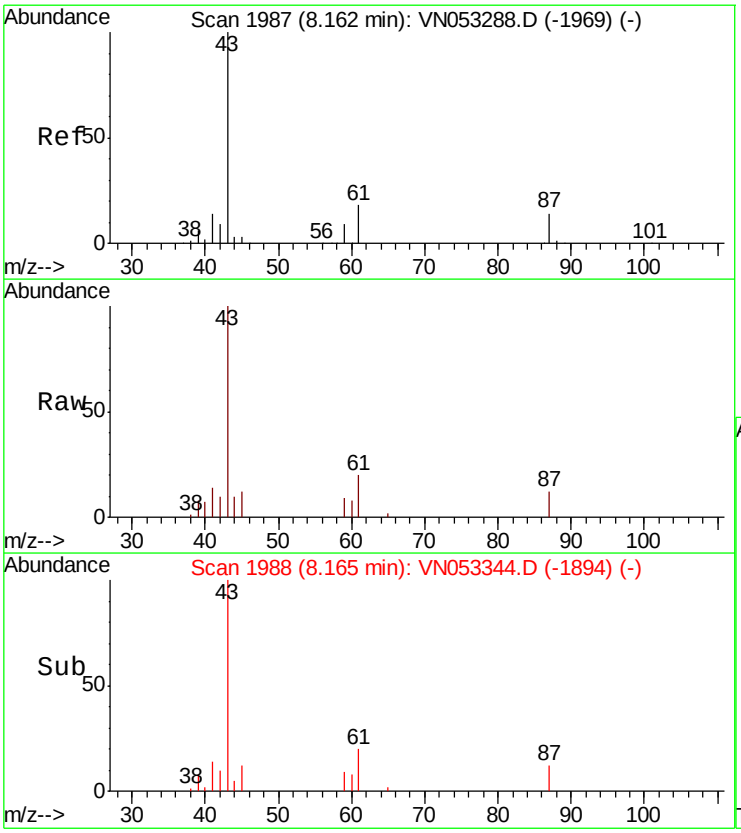
#38
Carbon Tetrachloride
Concen: 6.463 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion:117 Resp: 95606

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.6	115.0#
121	0.0	25.0	37.4#

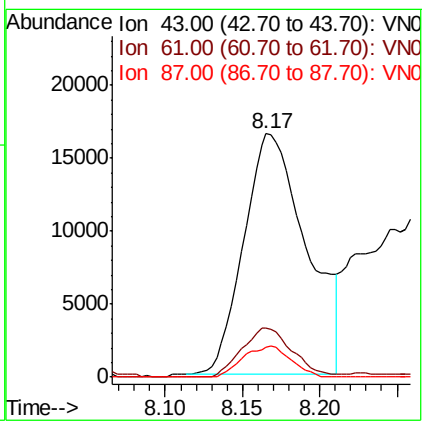


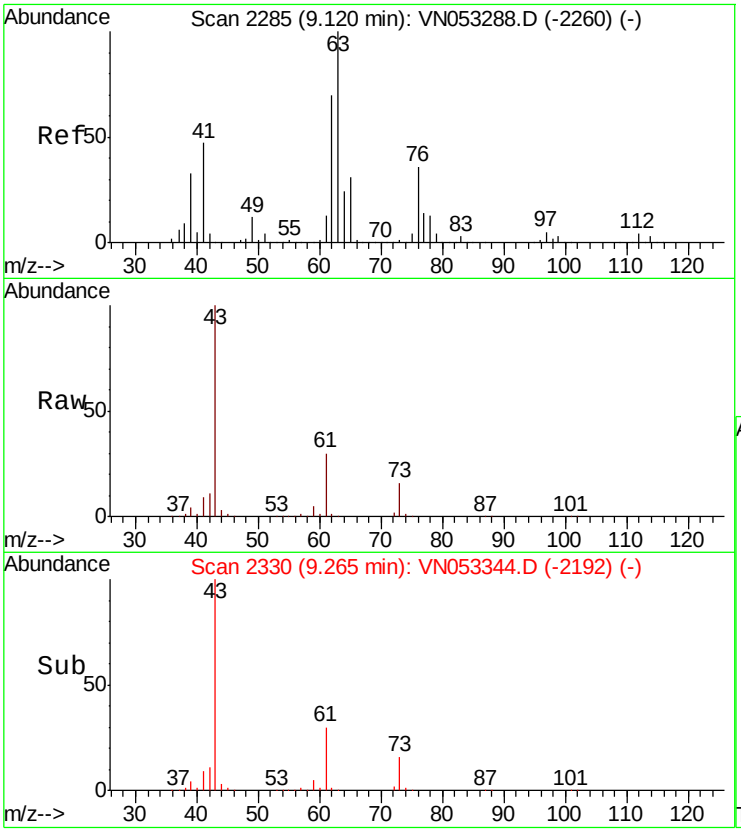


#43
Isopropyl Acetate
Concen: 2.266 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 43 Resp: 46525

Ion	Ratio	Lower	Upper
43	100		
61	16.5	23.3	34.9#
87	9.7	10.8	16.2#



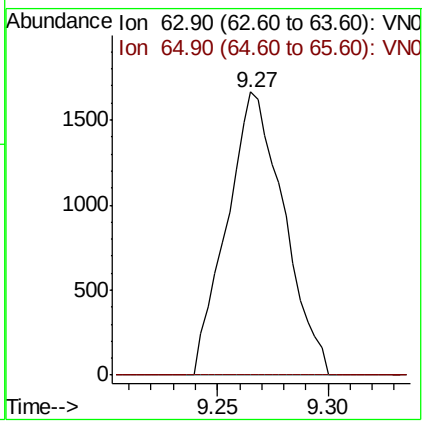


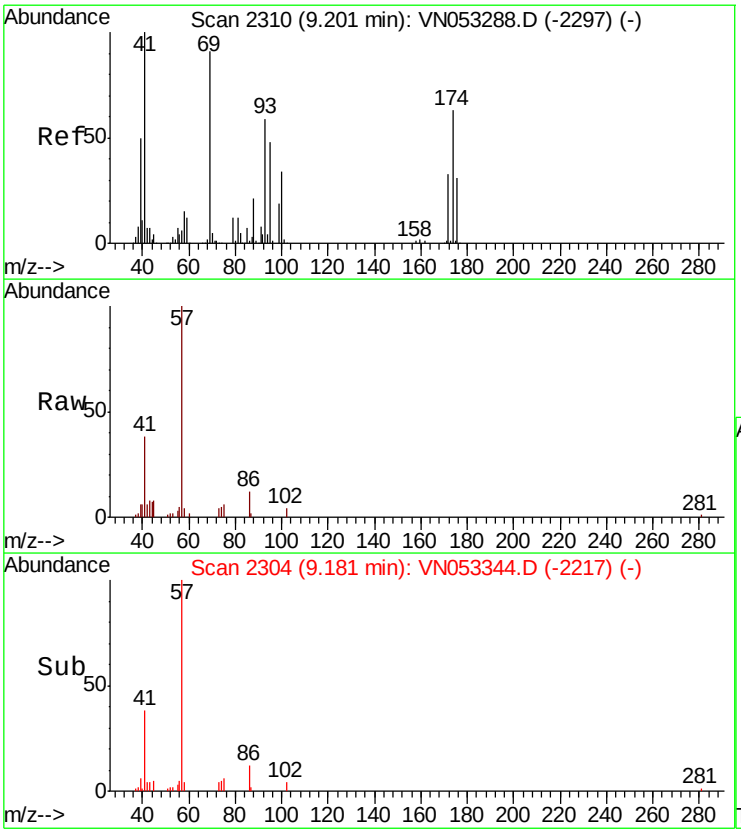
#45
1,2-Dichloropropane
Concen: 0.232 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion: 63 Resp: 2984

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

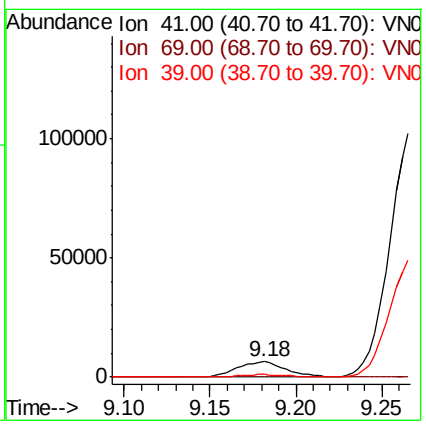


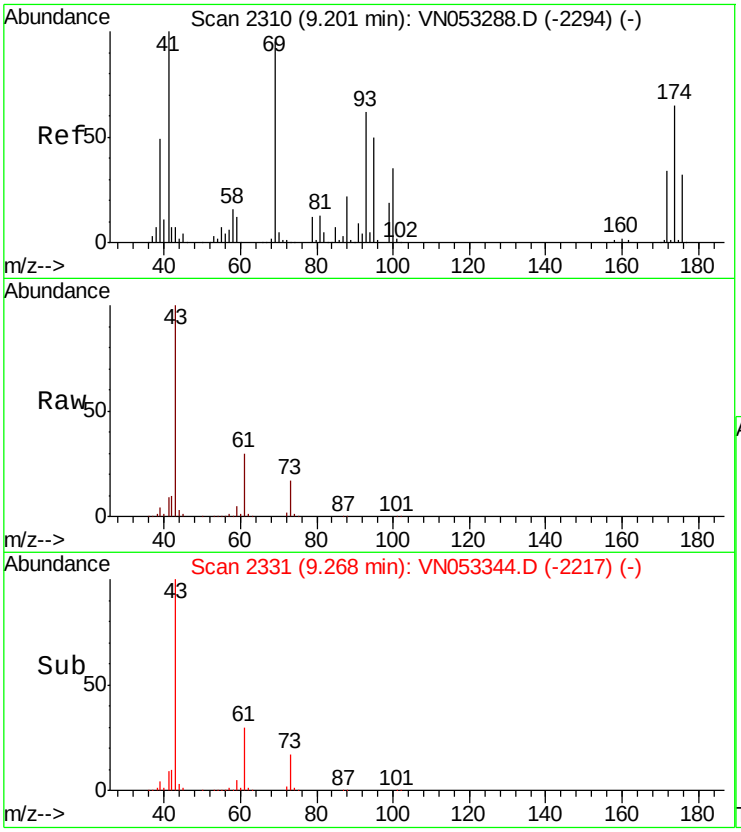


#48
Methyl methacrylate
Concen: 1.403 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 41 Resp: 13089

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.5	110.3#
39	0.0	41.6	62.4#



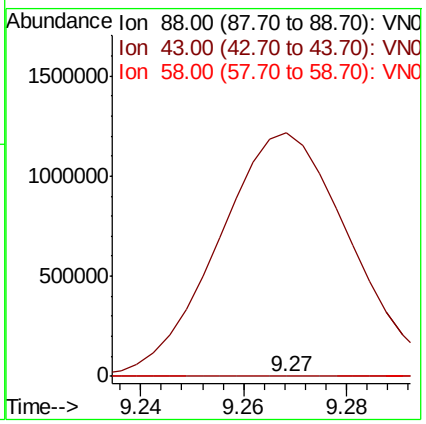


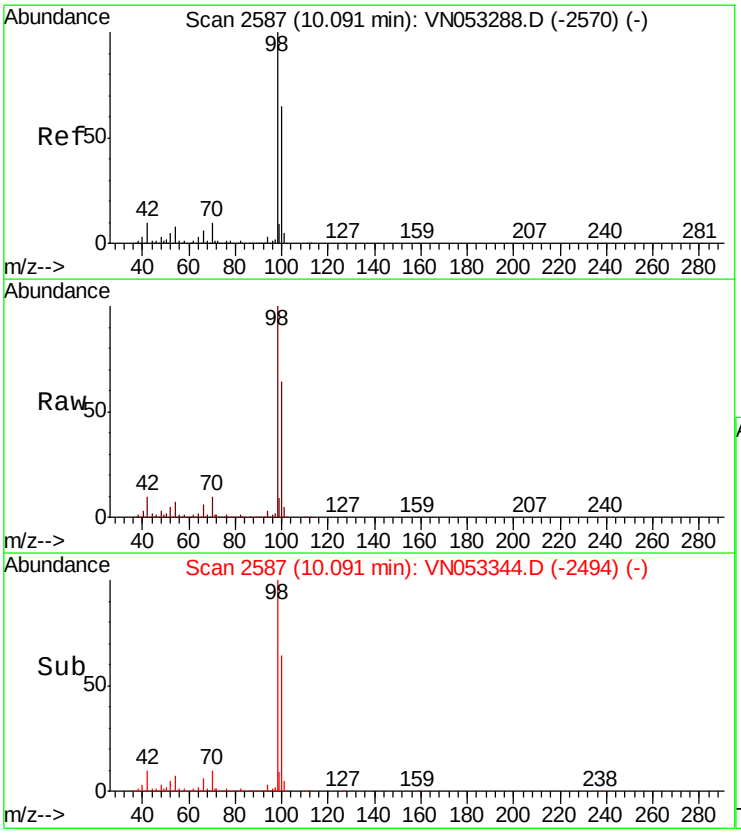
#49
1,4-Dioxane
Concen: 2.495 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion: 88 Resp: 248

Ion	Ratio	Lower	Upper
88	100		
43	882666.1	26.2	39.4#
58	3947.6	55.5	83.3#

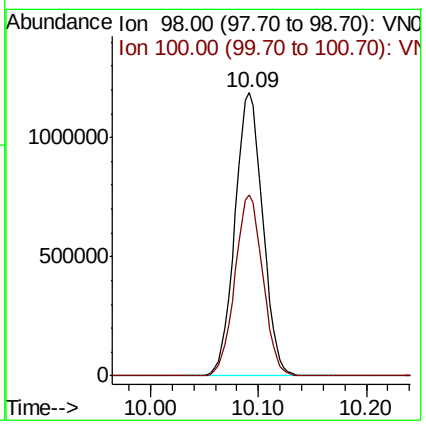


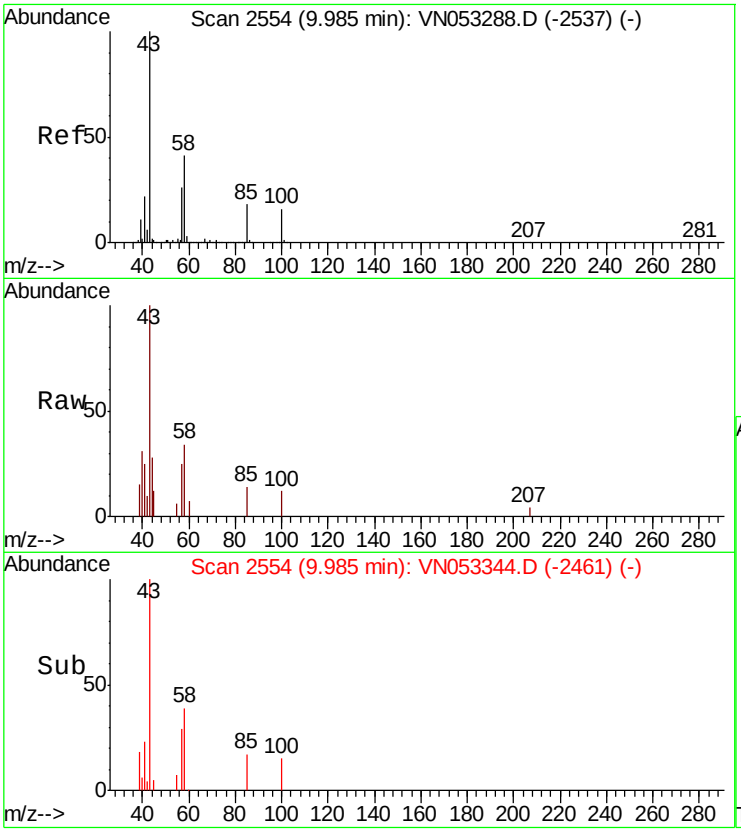


#50
Toluene-d8
Concen: 2.495 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 98 Resp: 2135403

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3



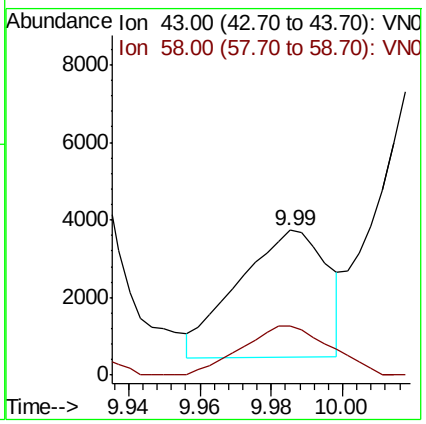


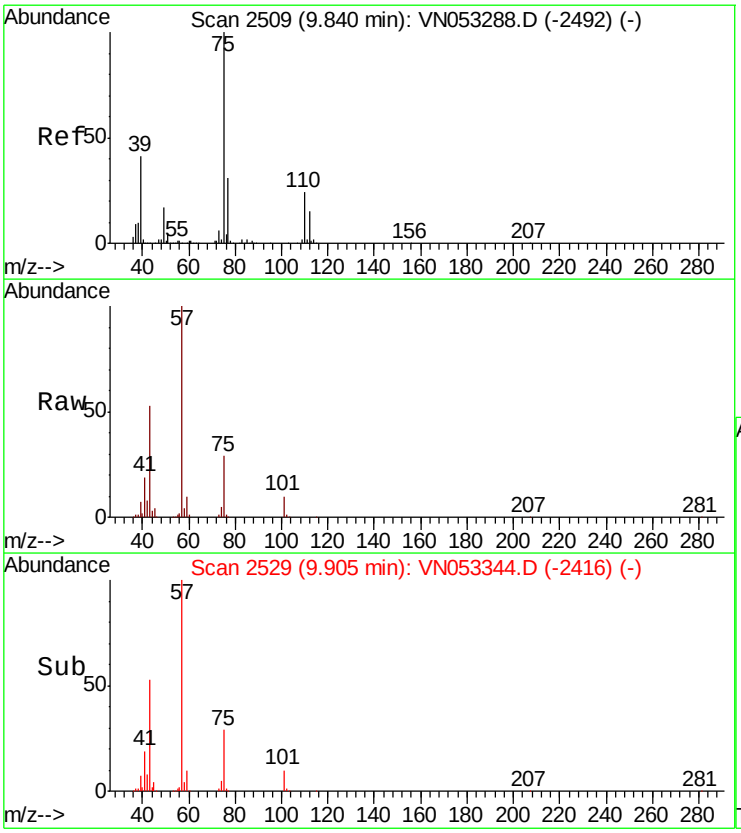
#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument : MSVOA_N
ClientSampleId : MH-444-C

Tgt Ion: 43 Resp: 5640

Ion	Ratio	Lower	Upper
43	100		
58	38.5	32.7	49.1

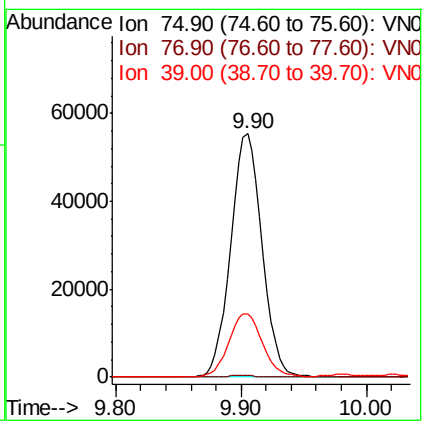


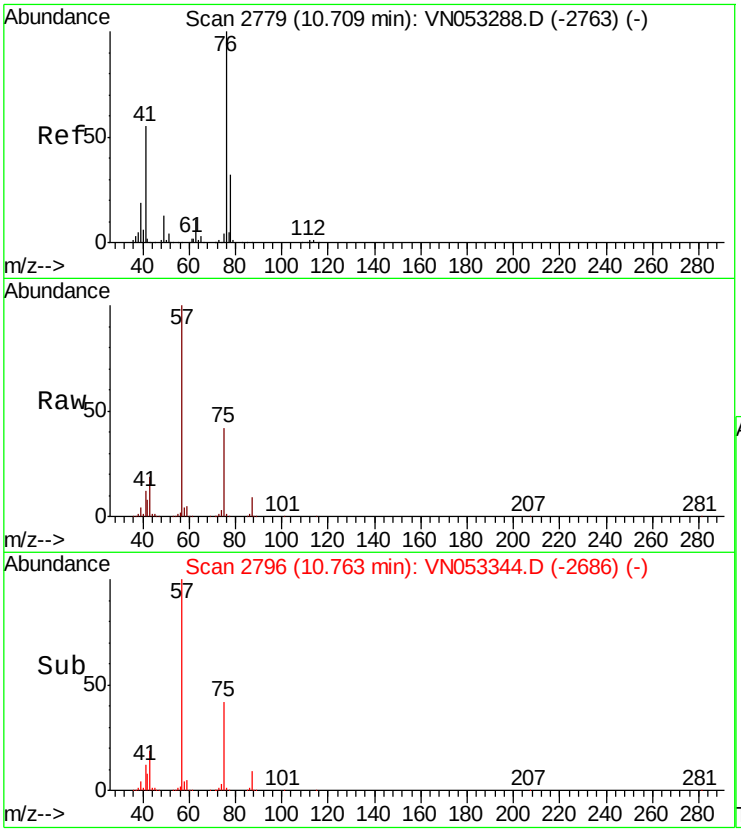


#54
cis-1,3-Dichloropropene
Concen: 5.206 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 75 Resp: 96011

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.1	37.7#
39	25.9	33.1	49.7#



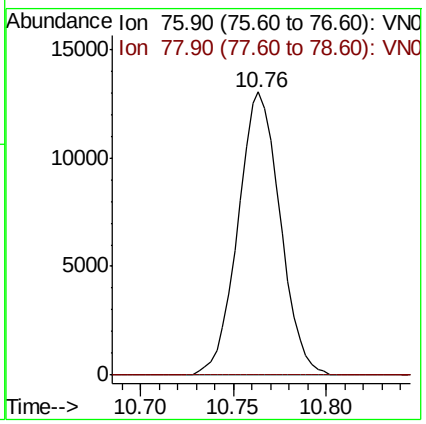


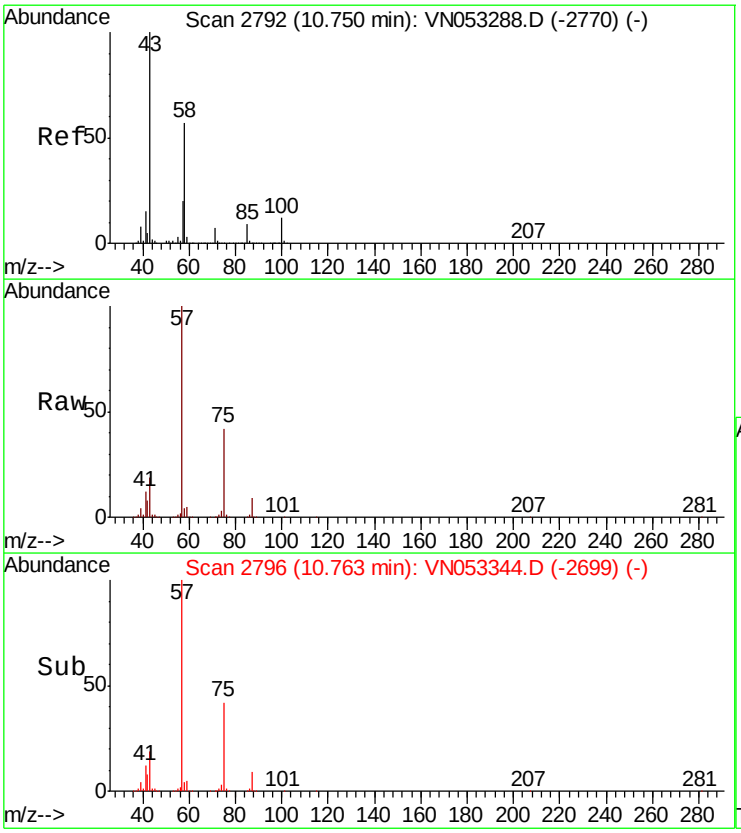
#57
1,3-Dichloropropane
Concen: 1.117 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument : MSVOA_N
ClientSampleId : MH-444-C

Tgt Ion: 76 Resp: 20621

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

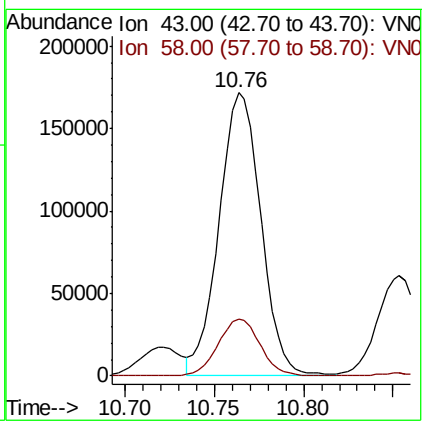


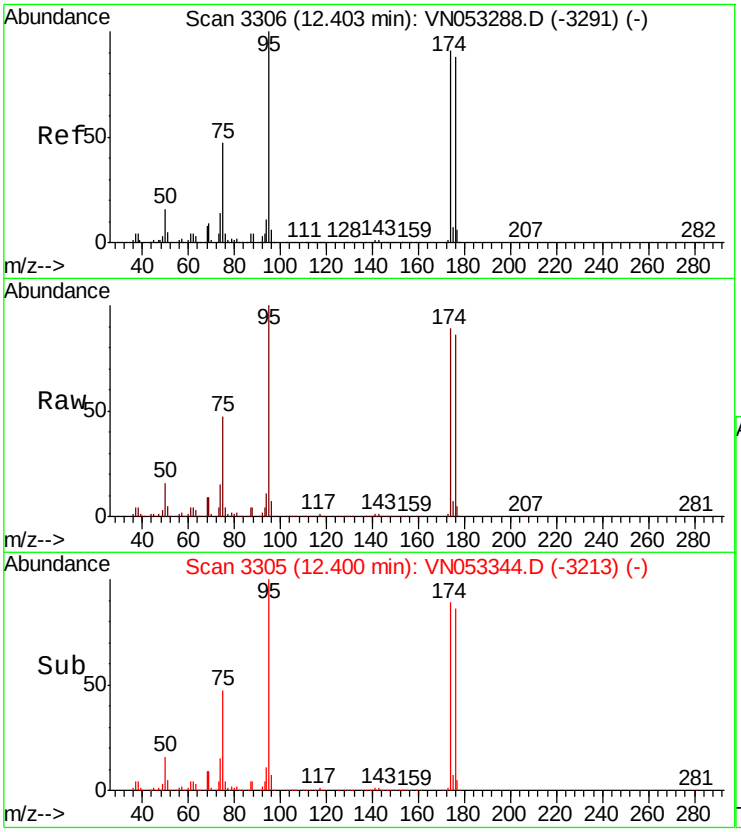


#59
2-Hexanone
Concen: 39.287 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 43 Resp: 277987

Ion	Ratio	Lower	Upper
43	100		
58	20.4	28.3	85.0#



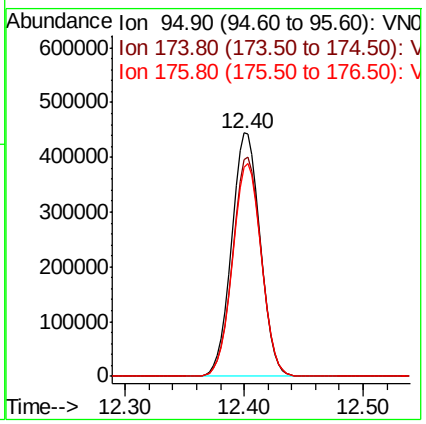


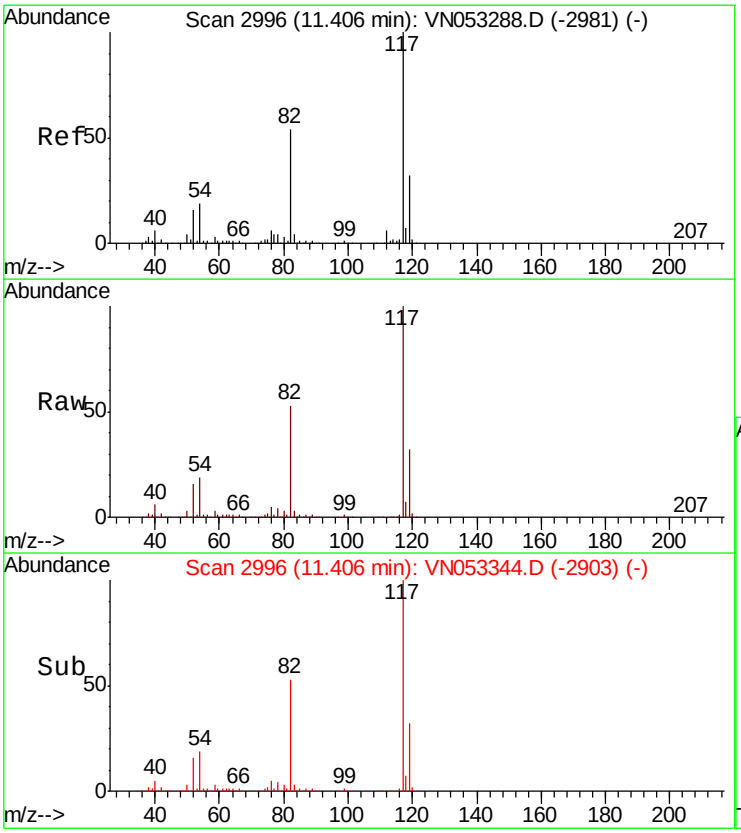
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion: 95 Resp: 740410

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	180.4
176	87.7	0.0	175.6

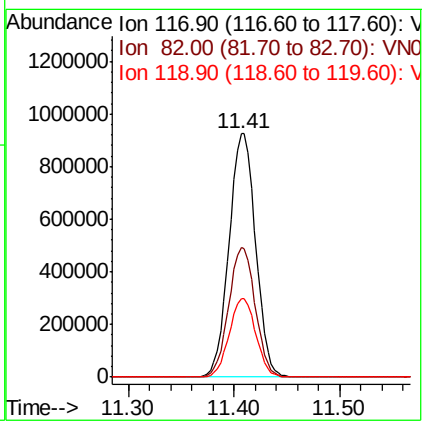


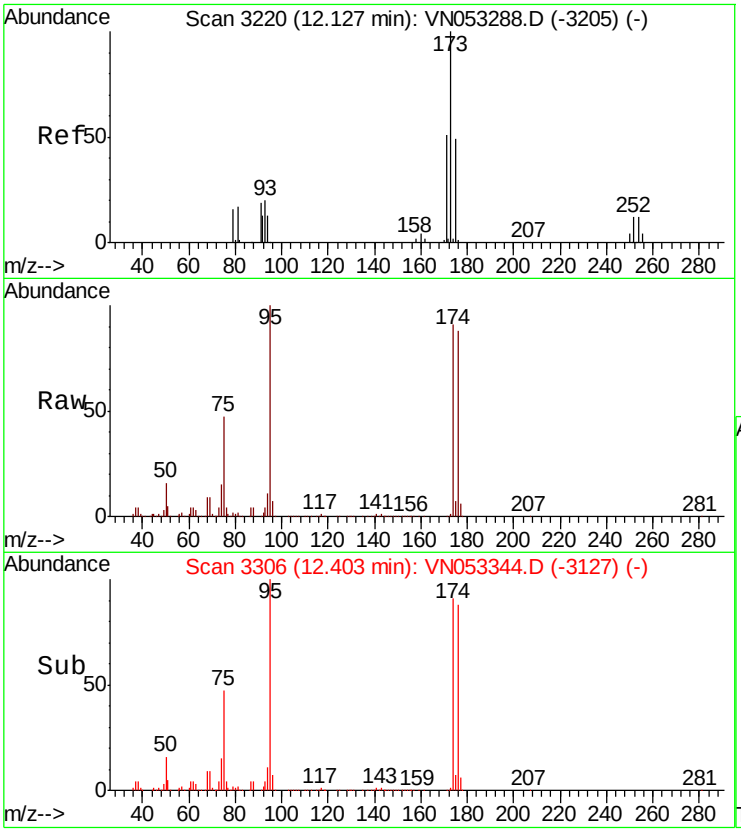


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion:117 Resp: 1609025

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.9	64.3
119	32.1	25.6	38.4



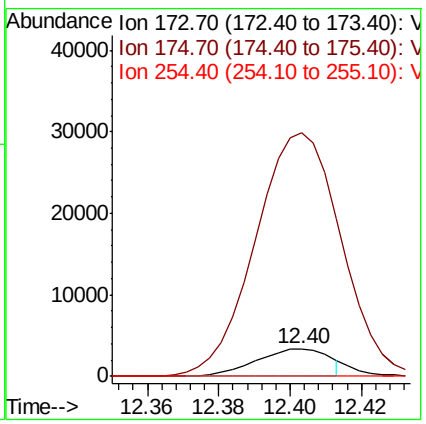


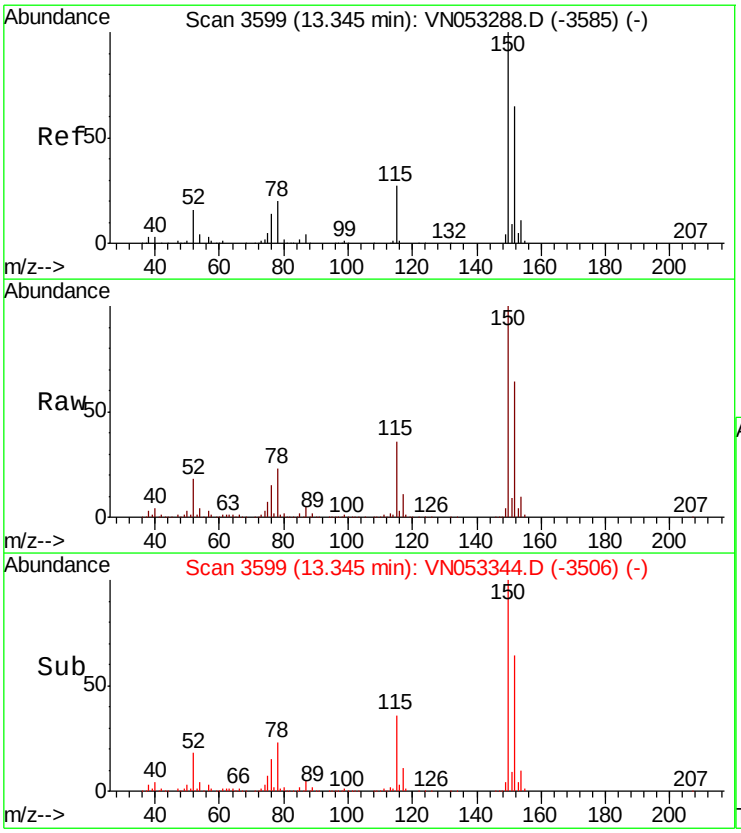
#71
Bromoform
Concen: 0.553 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument : MSVOA_N
ClientSampleId : MH-444-C

Tgt Ion:173 Resp: 4778

Ion	Ratio	Lower	Upper
173	100		
175	908.8	24.3	72.8#
254	0.0	0.2	0.2#

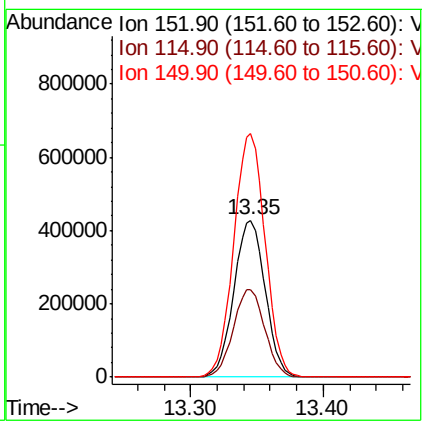


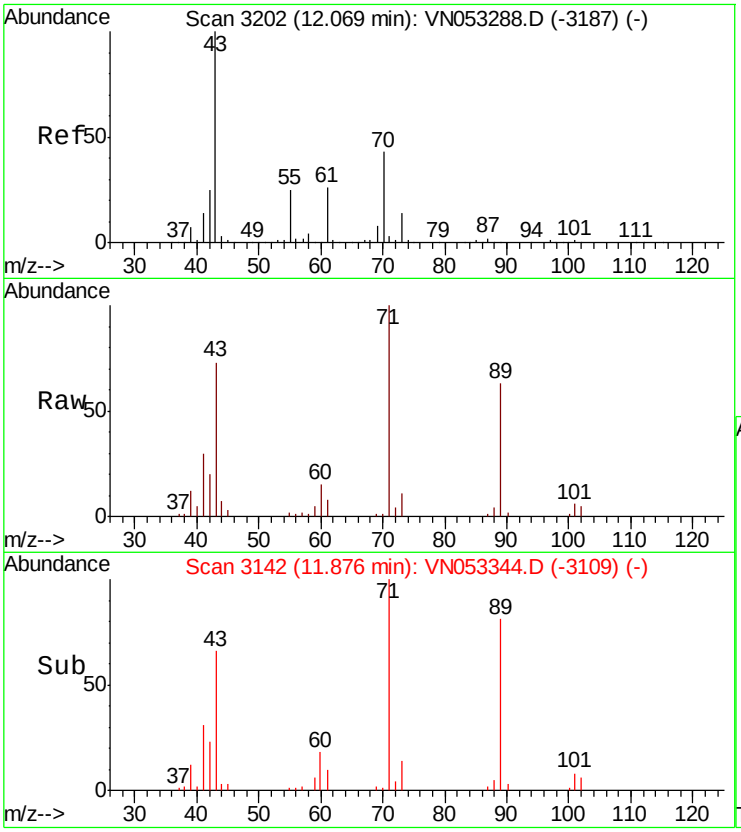


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion:152 Resp: 700272

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.0	84.0
150	156.0	0.0	346.6



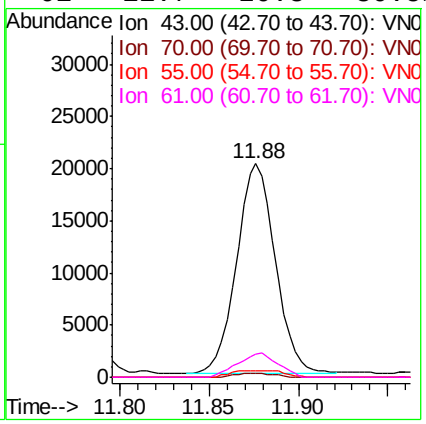


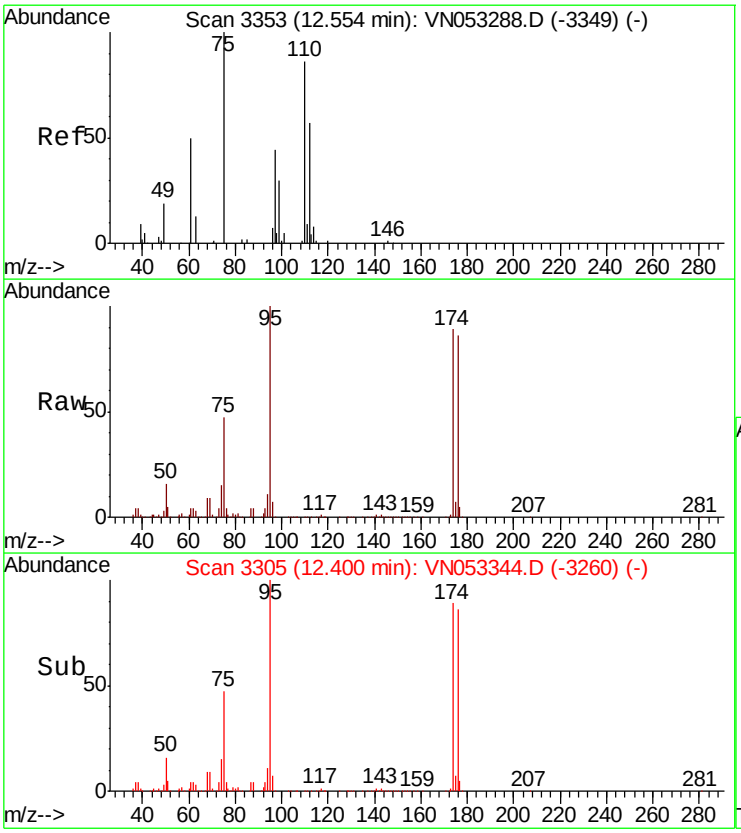
#74
N-amyl acetate
Concen: 1.974 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument : MSVOA_N
ClientSampleId : MH-444-C

Tgt Ion: 43 Resp: 30729

Ion	Ratio	Lower	Upper
43	100		
70	1.9	35.0	52.6#
55	4.3	20.0	30.0#
61	11.7	20.3	30.5#

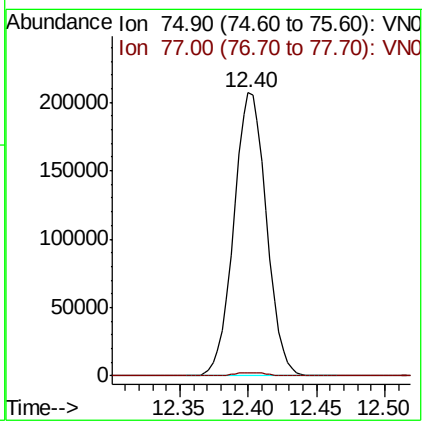


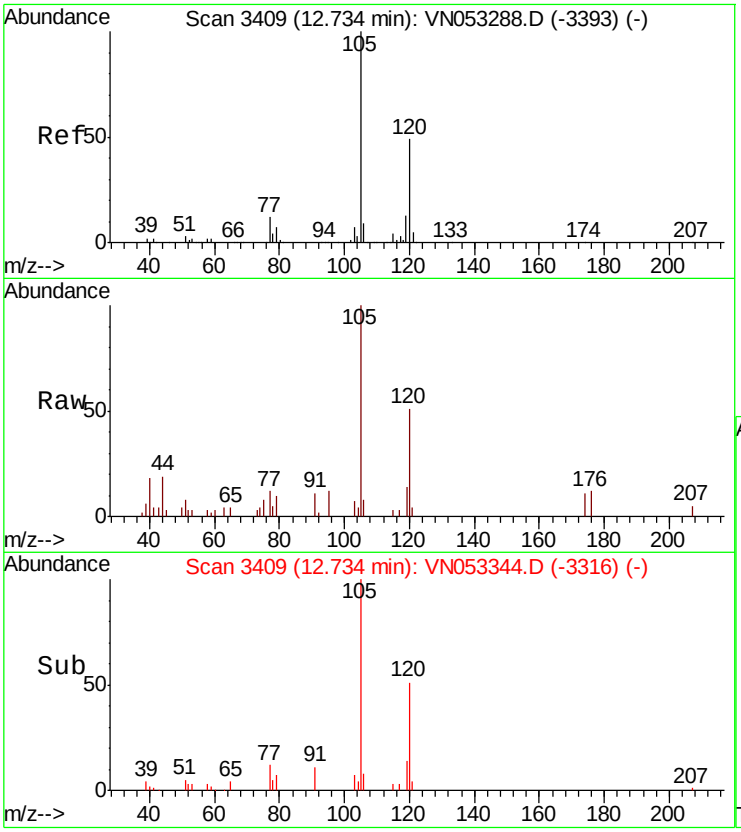


#76
1,2,3-Trichloropropane
Concen: 33.635 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 75 Resp: 343538

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



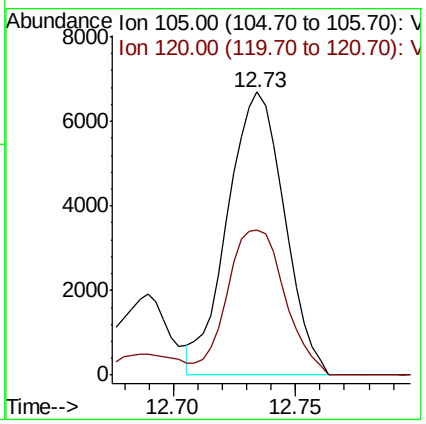


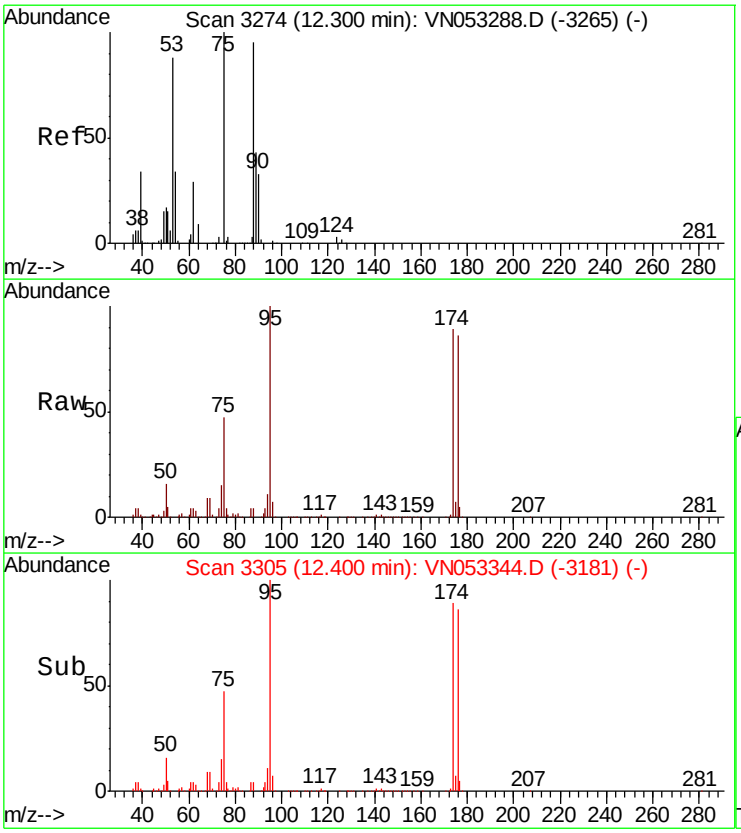
#80
1,3,5-Trimethylbenzene
Concen: 0.258 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion:105 Resp: 10851

Ion	Ratio	Lower	Upper
105	100		
120	51.6	24.7	74.1

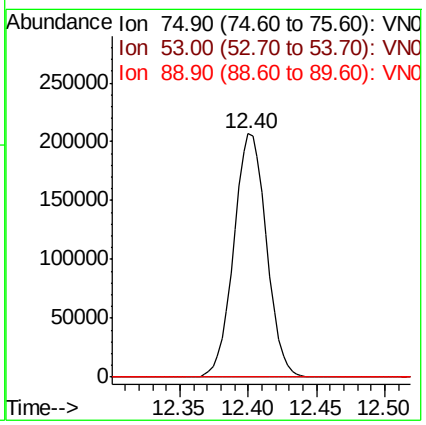


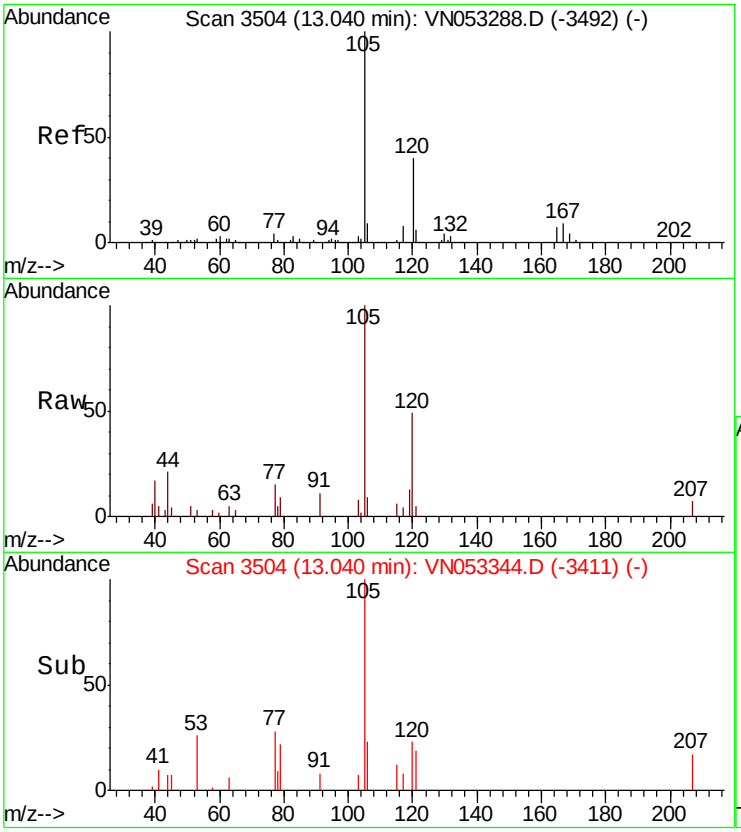


#81
trans-1,4-Dichloro-2-butene
Concen: 98.959 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion: 75 Resp: 343538

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	35.4	53.0#



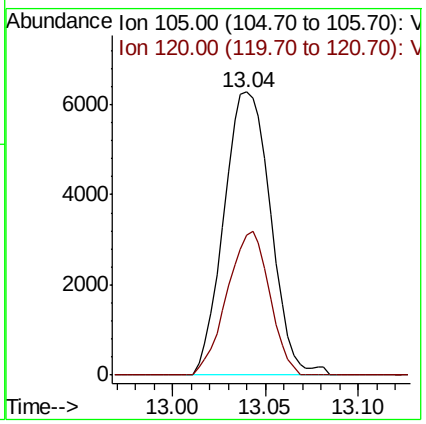


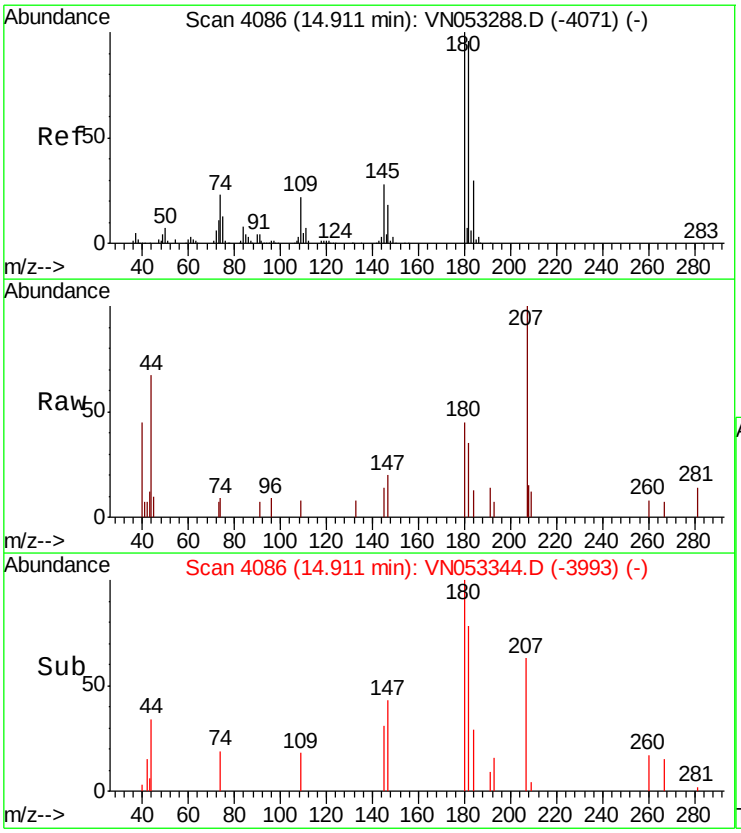
#84
1,2,4-Trimethylbenzene
Concen: 0.257 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion:105 Resp: 11015

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0

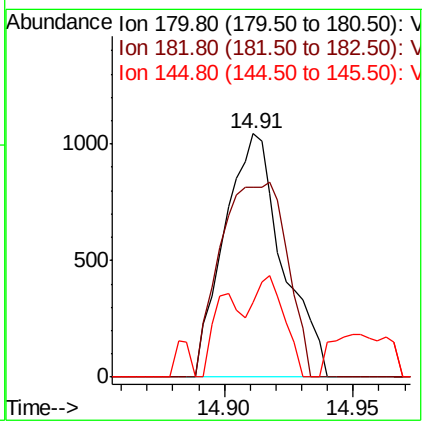


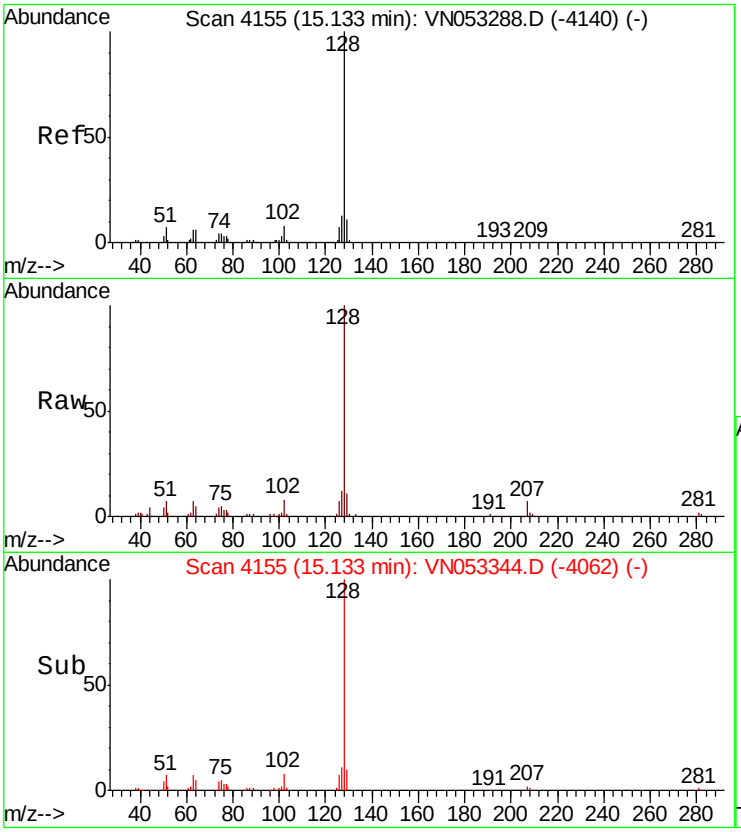


#93
1,2,4-Trichlorobenzene
Concen: 0.227 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion:180 Resp: 1639

Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.8	143.4
145	22.3	14.4	43.0



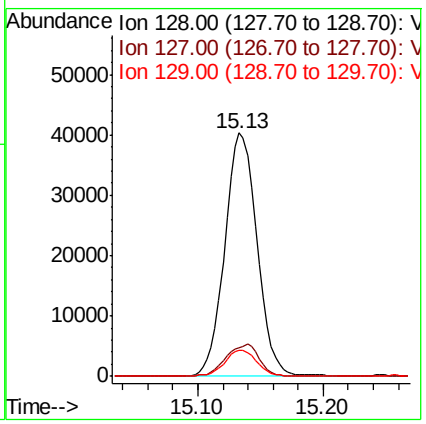


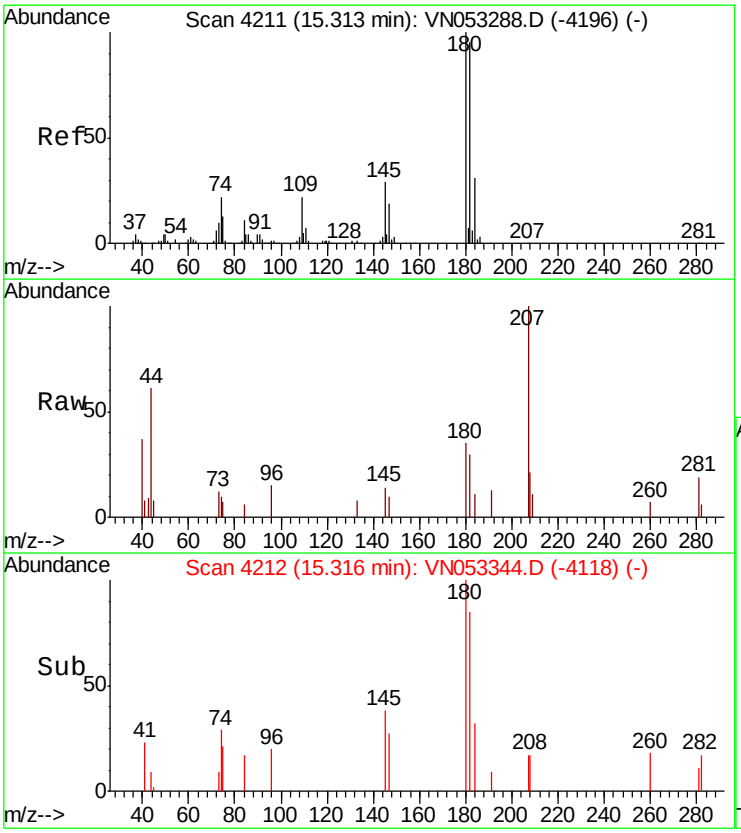
#95
Naphthalene
Concen: 5.867 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

Tgt Ion:128 Resp: 72232

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.348 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion:180 Resp: 1644

Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.0
145	40.4	14.9	44.5