Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010719\
Data File : VN053301.D
Acq On : 7 Jan 2019 13:41
Operator : MD\SY
Sample : K1053-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : COMP-2-DRUM

Quant Time: Jan 08 01:24:21 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	1015389	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1573166	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1482721	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	682590	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	506083	47.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.82%				
35) Dibromofluoromethane	7.59	113	445220	49.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.42%				
50) Toluene-d8	10.09	98	1952489	50.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.08%				
62) 4-Bromofluorobenzene	12.40	95	702239	51.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.84%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.78	59	15013	23.628	ug/l	#	94
13) Acrolein	3.61	56	4447	5.566	ug/l		95
16) Acetone	3.82	43	126802	48.069	ug/l		98
18) Methyl Acetate	4.32	43	164960	17.254	ug/l		99
25) 2-Butanone	6.83	43	1263355	291.504	ug/l		99
31) Cyclohexane	7.66	56	17271	0.766	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	64483	4.391	ug/l	#	48
37) Ethyl Acetate	6.93	43	43226	4.519	ug/l		98
38) Carbon Tetrachloride	7.67	117	87943	6.488	ug/l	#	16
40) Benzene	8.04	78	125987	2.808	ug/l		100
41) Methacrylonitrile	7.19	41	5181	0.872	ug/l	#	100
43) Isopropyl Acetate	8.19	43	10858	0.577	ug/l	#	52
48) Methyl methacrylate	9.17	41	19389	2.268	ug/l	#	35
49) 1,4-Dioxane	9.20	88	1024	11.241	ug/l	#	24
51) 4-Methyl-2-Pentanone	9.99	43	4070	0.430	ug/l		90
52) Toluene	10.16	92	64491	2.343	ug/l		100
59) 2-Hexanone	10.75	43	1553	0.240	ug/l		93
67) Ethyl Benzene	11.51	91	18382	0.336	ug/l		99
68) m/p-Xylenes	11.62	106	31827	1.546	ug/l		100
69) o-Xylene	11.95	106	13382	0.664	ug/l		92
70) Styrene	11.96	104	34242	1.044	ug/l		94
71) Bromoform	12.40	173	4140	0.520	ug/l	#	1
74) N-amyl acetate	12.13	43	6795	0.448	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	325893	32.734	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	8900	0.217	ug/l		92
81) trans-1,4-Dichloro-2-buten	12.40	75	325893	96.308	ug/l	#	14
84) 1,2,4-Trimethylbenzene	13.04	105	30010	0.720	ug/l		90
95) Naphthalene	15.13	128	35856	2.988	ug/l		99

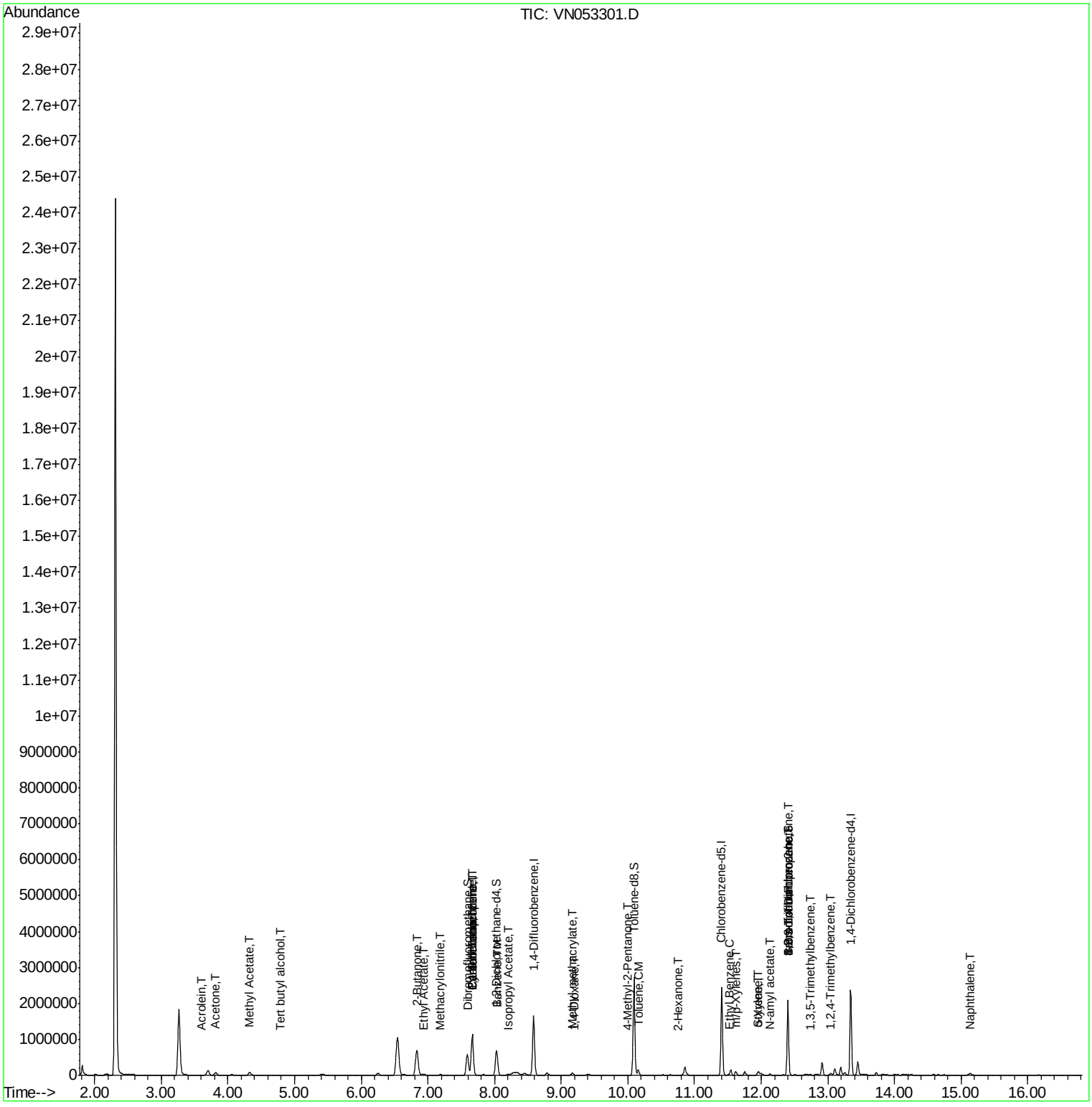
(#) = qualifier out of range (m) = manual integration (+) = signals summed

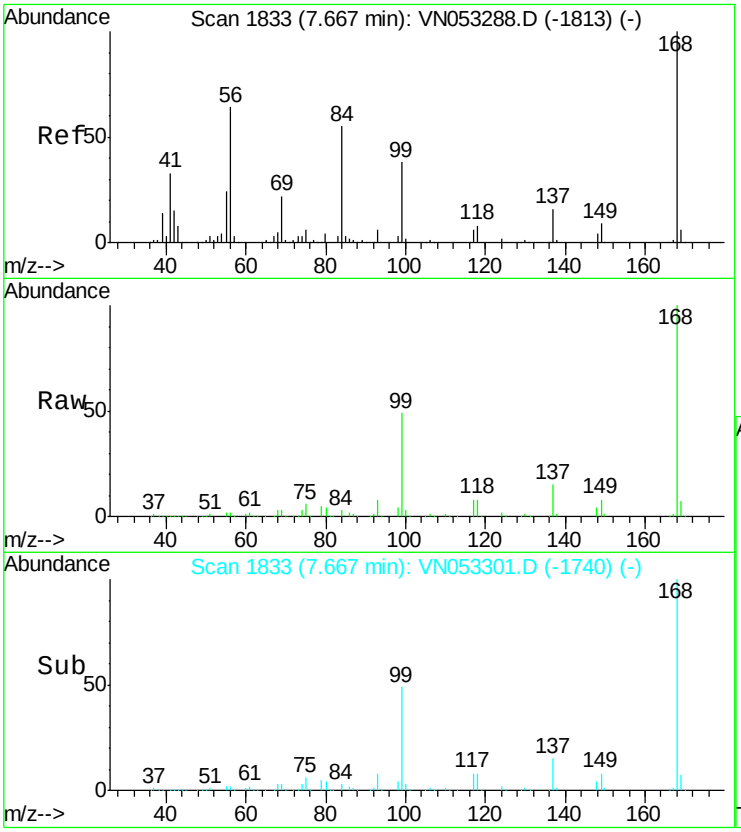
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010719\
Data File : VN053301.D
Acq On : 7 Jan 2019 13:41
Operator : MD\SY
Sample : K1053-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Quant Time: Jan 08 01:24:21 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



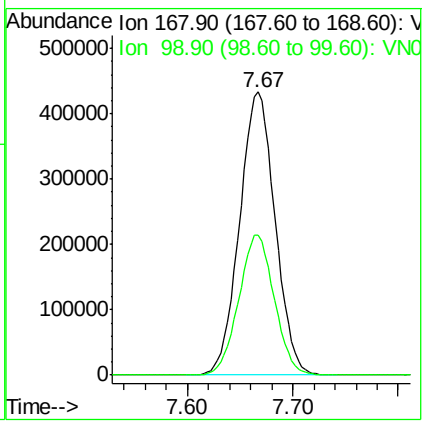


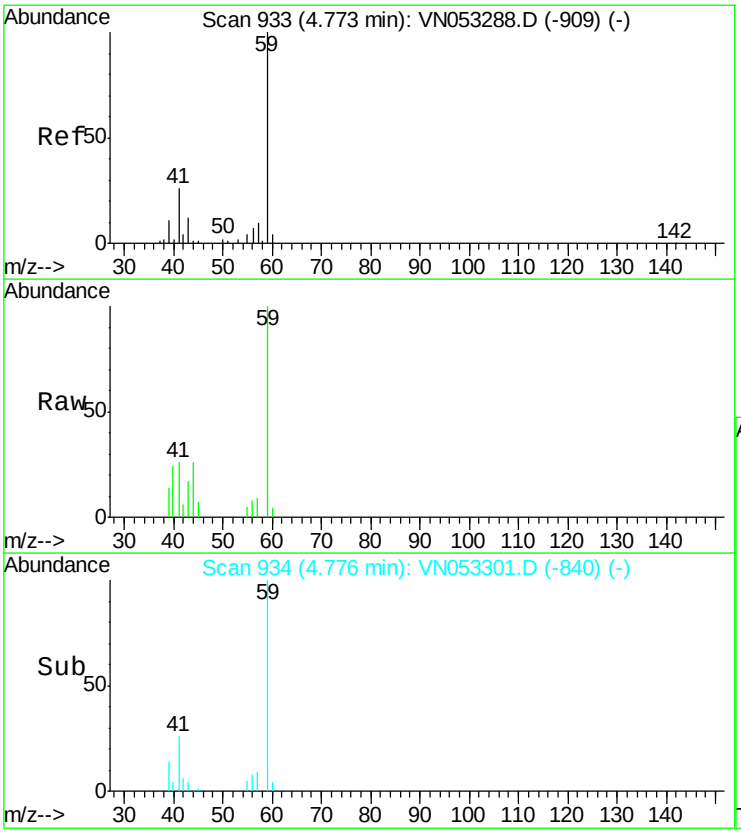
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion:168 Resp: 1015389

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.1	58.7

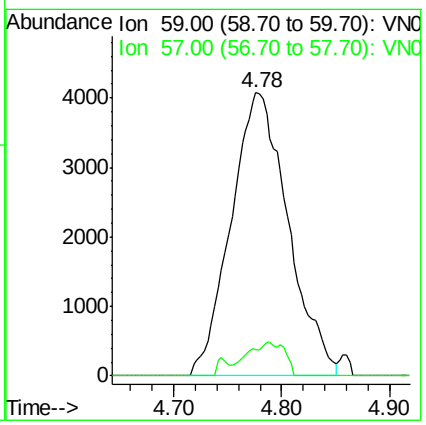


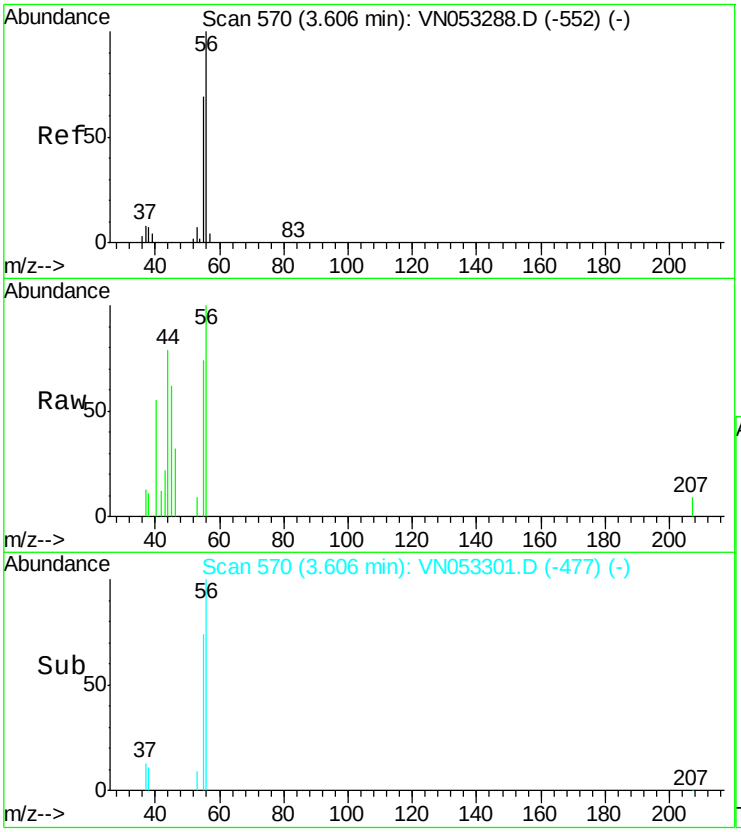


#11
Tert butyl alcohol
Concen: 23.628 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 59 Resp: 15013

Ion	Ratio	Lower	Upper
59	100		
57	7.7	8.0	12.0#



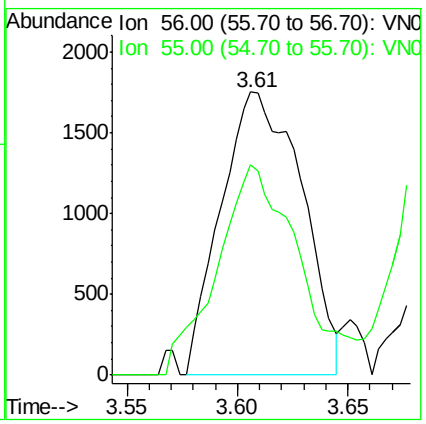


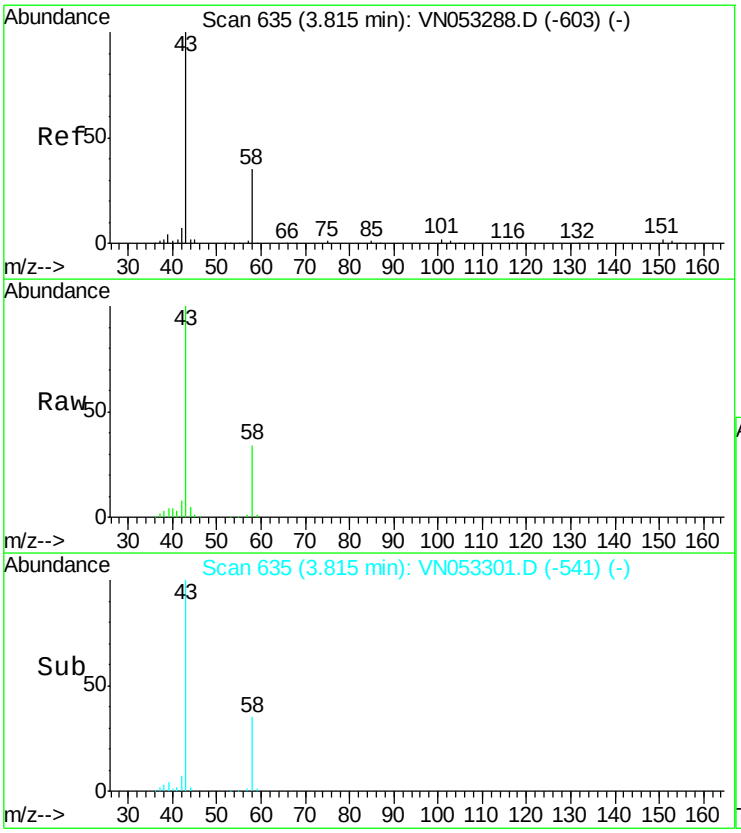
#13
Acrolein
Concen: 5.566 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion: 56 Resp: 4447

Ion	Ratio	Lower	Upper
56	100		
55	74.8	56.3	84.5

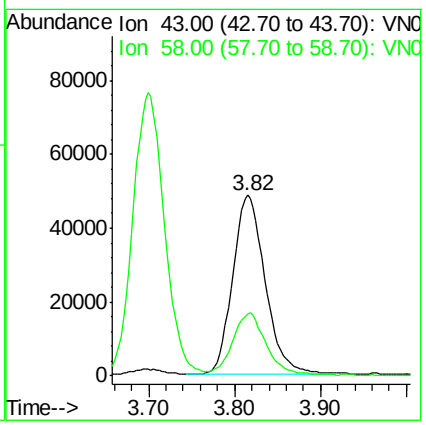


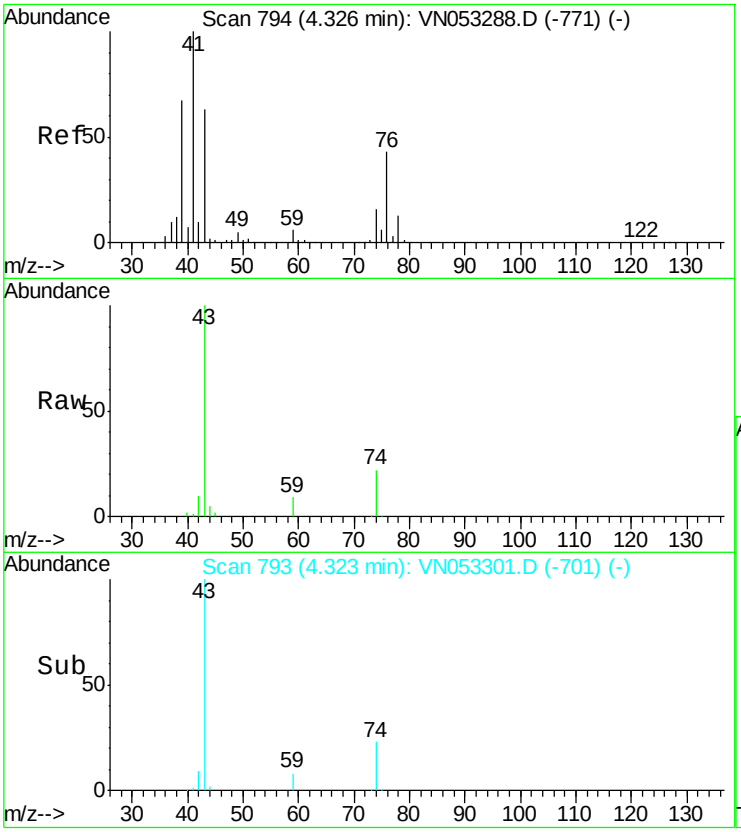


#16
Acetone
Concen: 48.069 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 43 Resp: 126802

Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.8	41.6



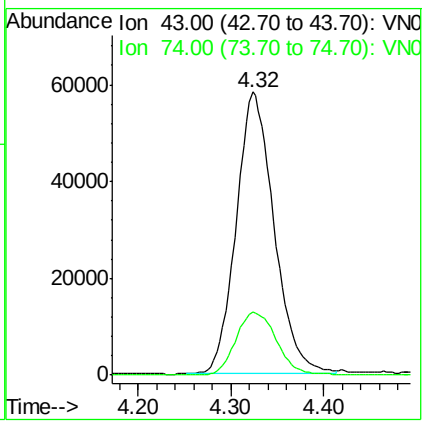


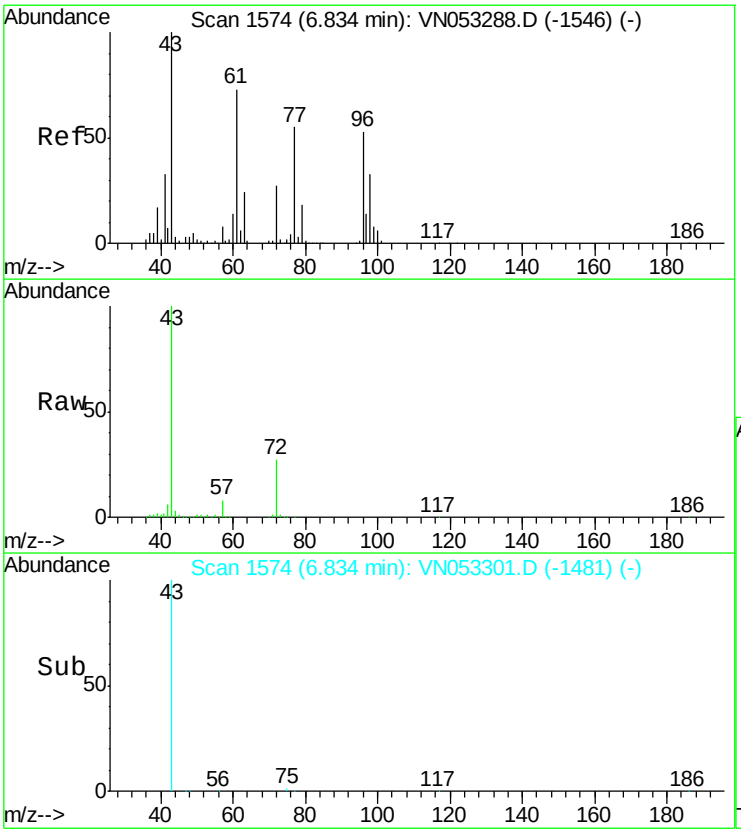
#18
Methyl Acetate
Concen: 17.254 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion: 43 Resp: 164960

Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.8	29.8

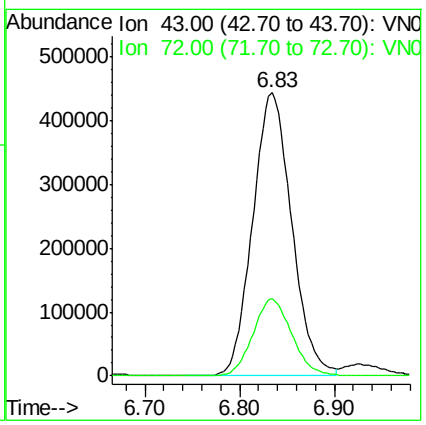


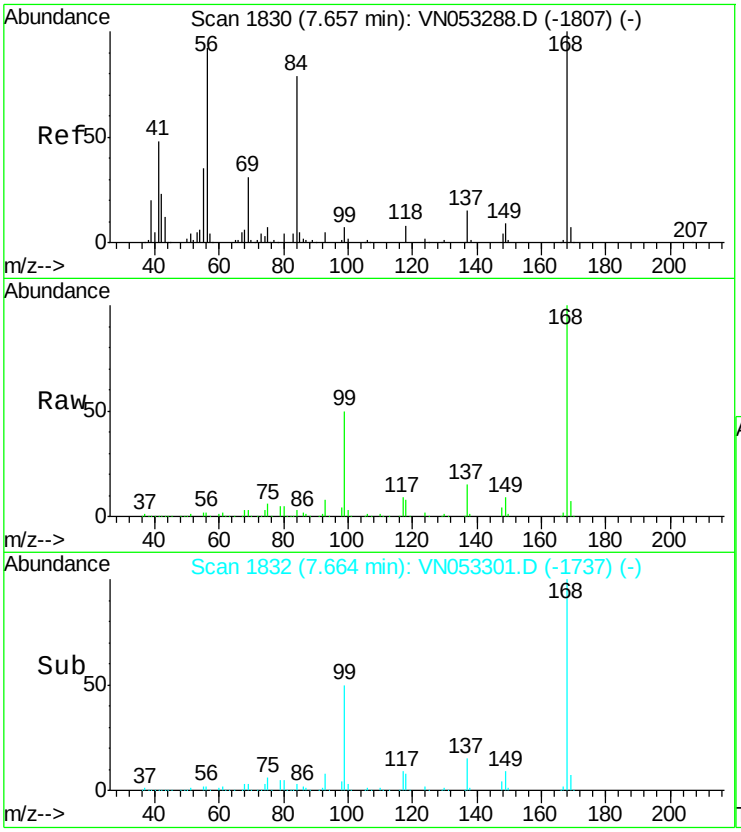


#25
2-Butanone
Concen: 291.504 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 43 Resp: 1263355

Ion	Ratio	Lower	Upper
43	100		
72	27.1	22.0	33.0



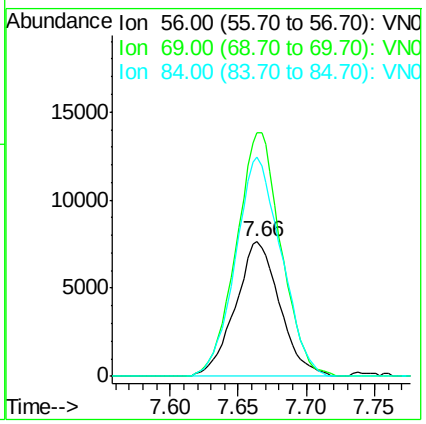


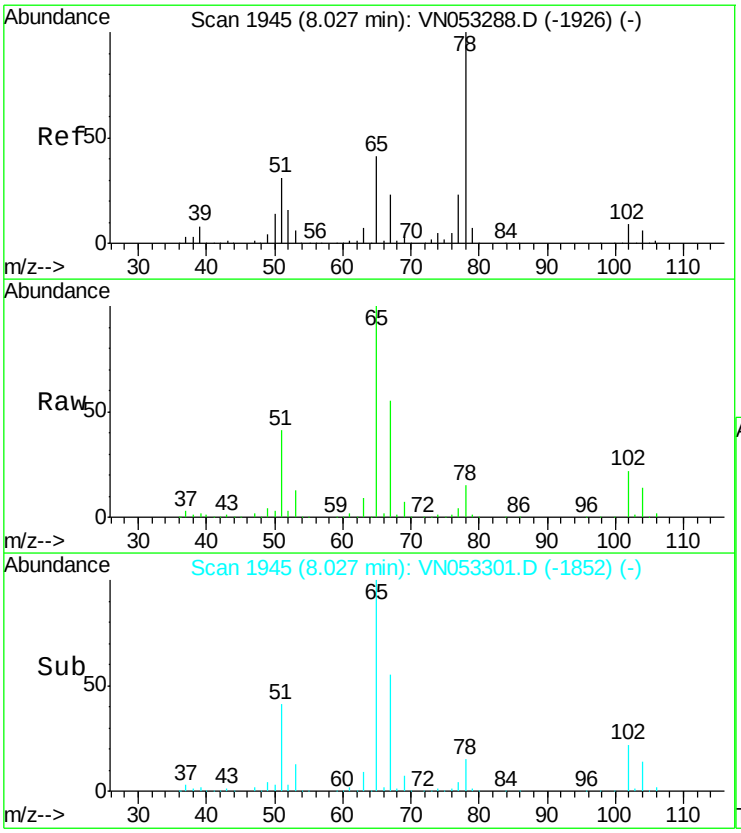
#31
Cyclohexane
Concen: 0.766 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion: 56 Resp: 17271

Ion	Ratio	Lower	Upper
56	100		
69	181.1	26.7	40.1#
84	163.2	68.2	102.4#

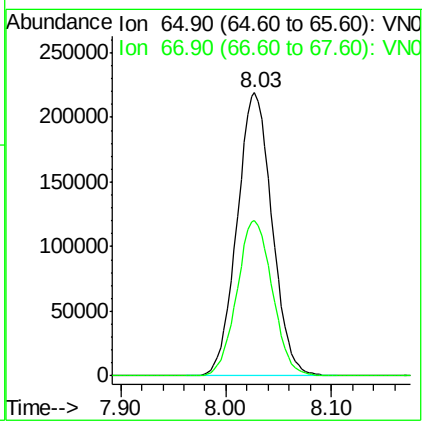


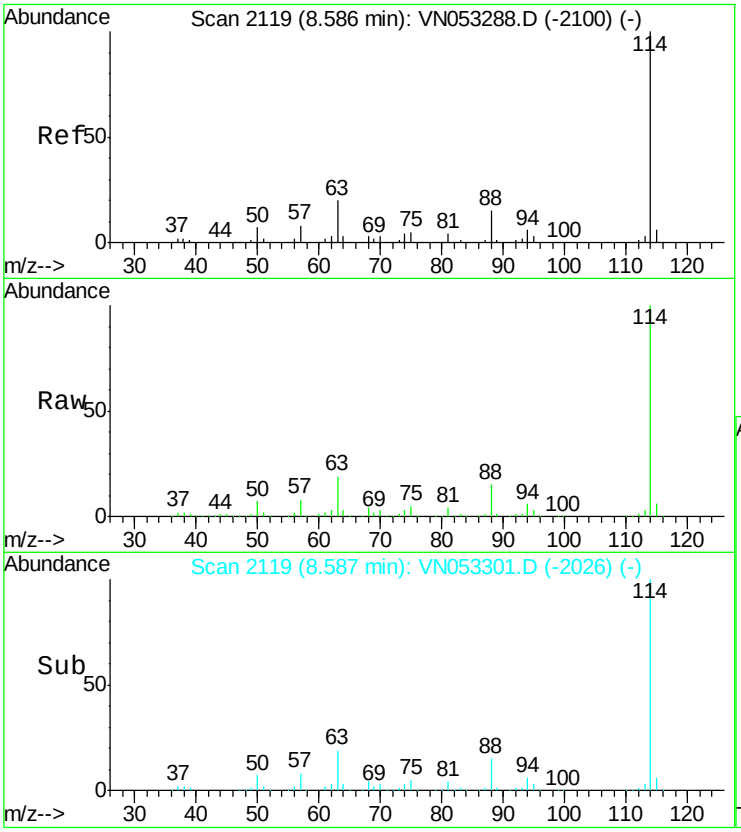


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 65 Resp: 506083

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	111.0



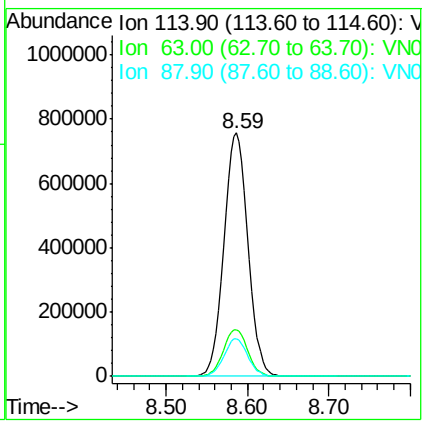


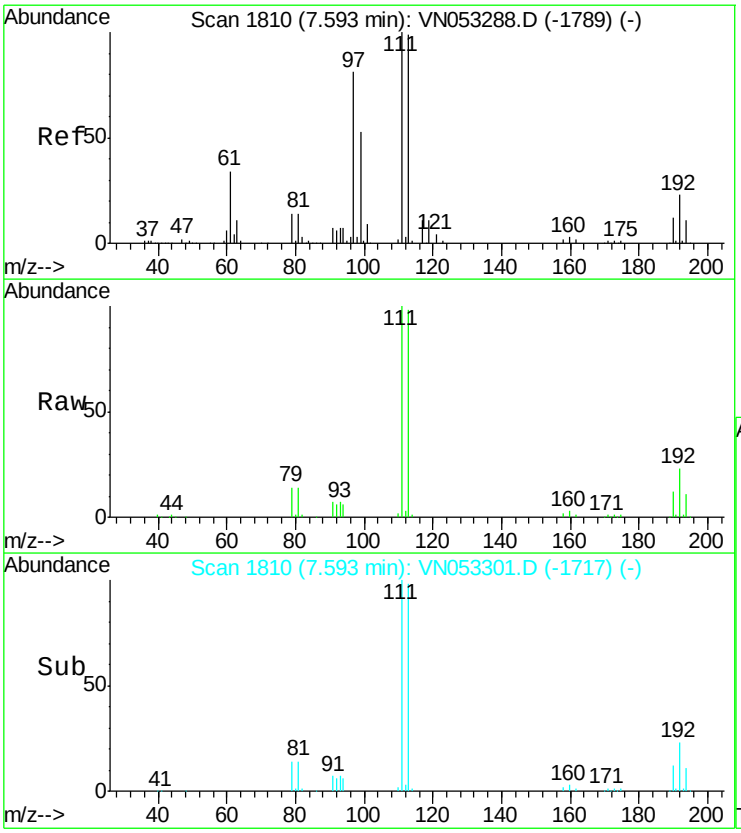
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion:114 Resp: 1573166

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.4	0.0	30.8

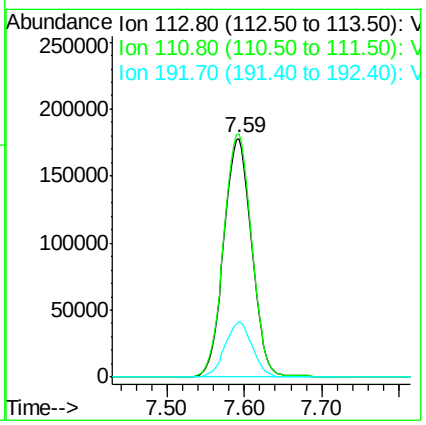


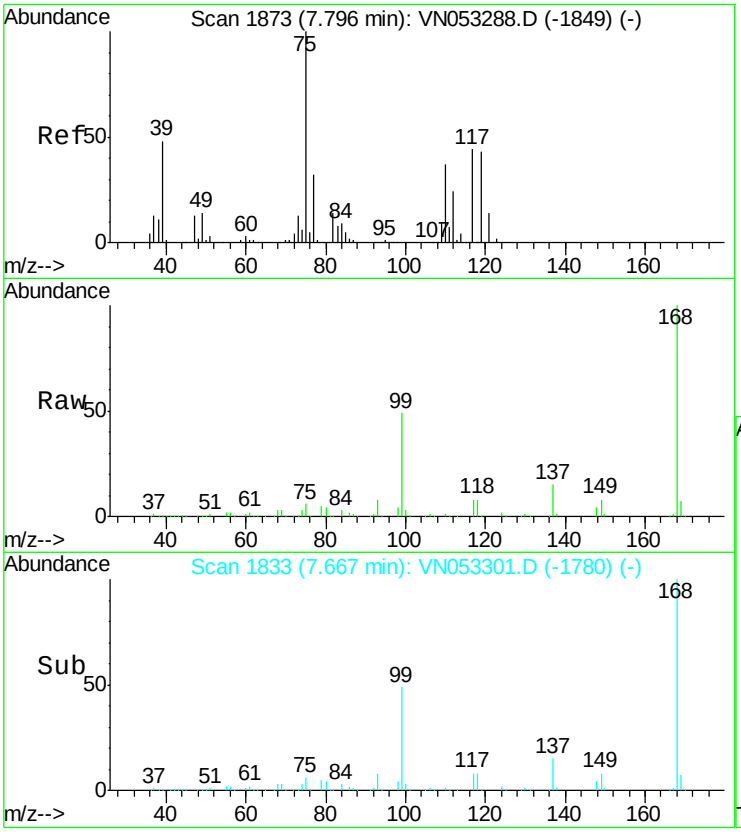


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion:113 Resp: 445220

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	22.4	17.9	26.9



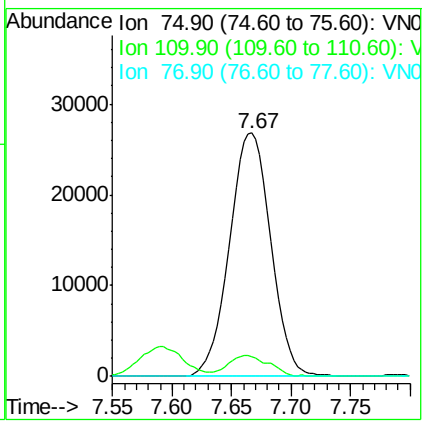


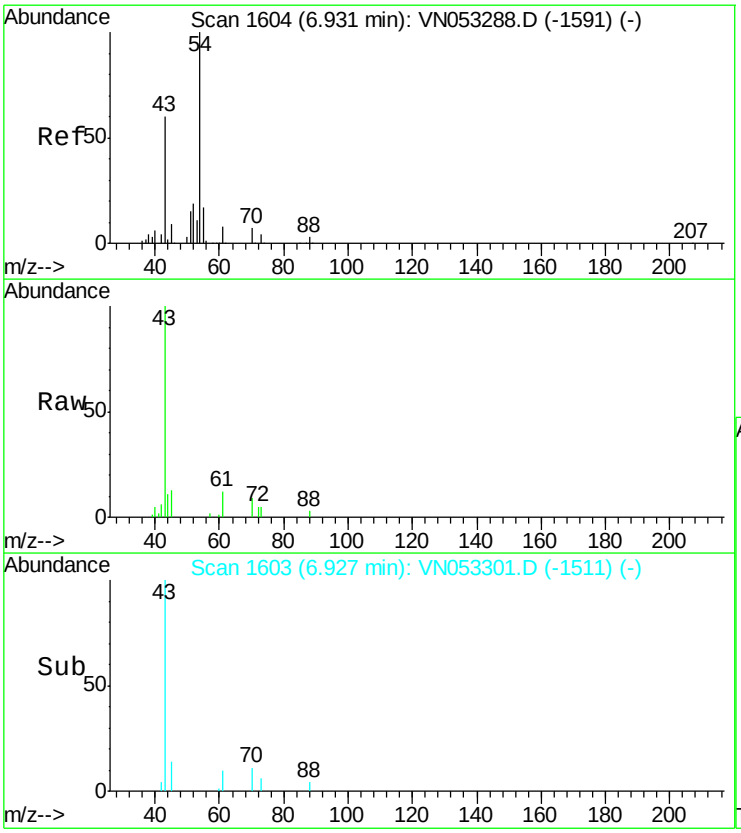
#36
1,1-Dichloropropene
Concen: 4.391 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion: 75 Resp: 64483

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.0#
77	0.0	25.3	37.9#

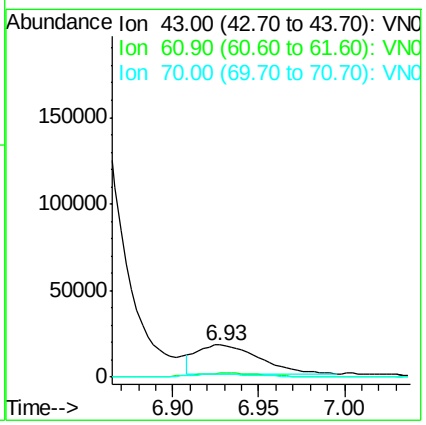


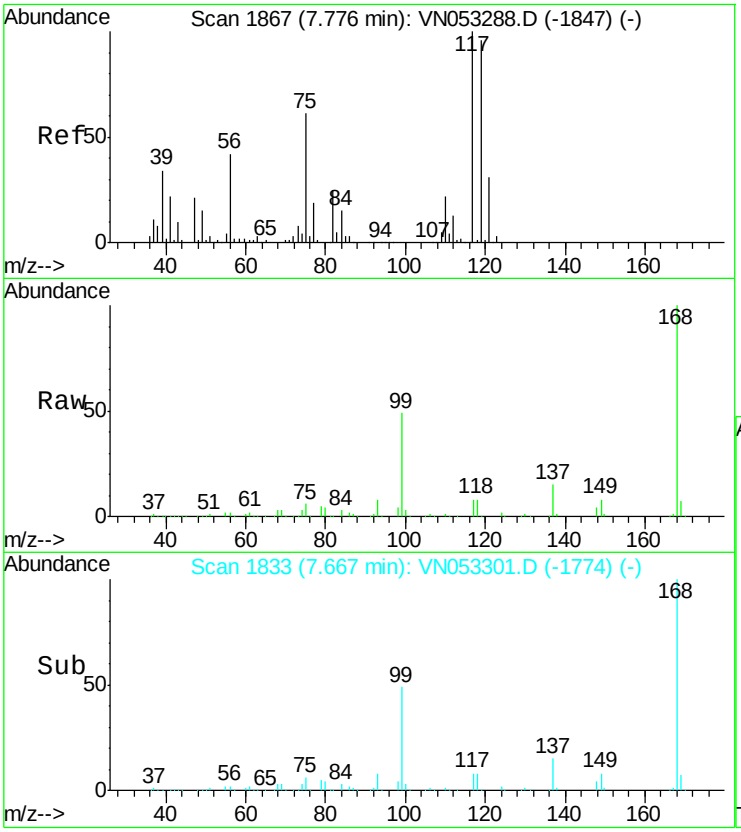


#37
Ethyl Acetate
Concen: 4.519 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 43 Resp: 43226

Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.9	17.9
70	11.1	8.6	13.0



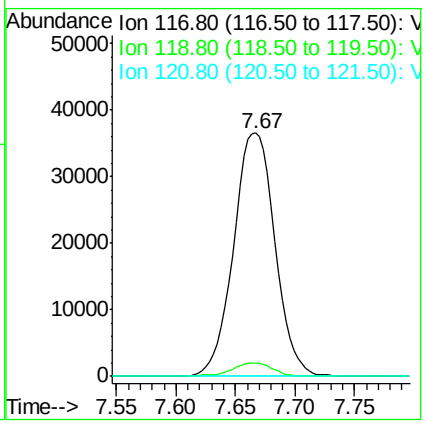


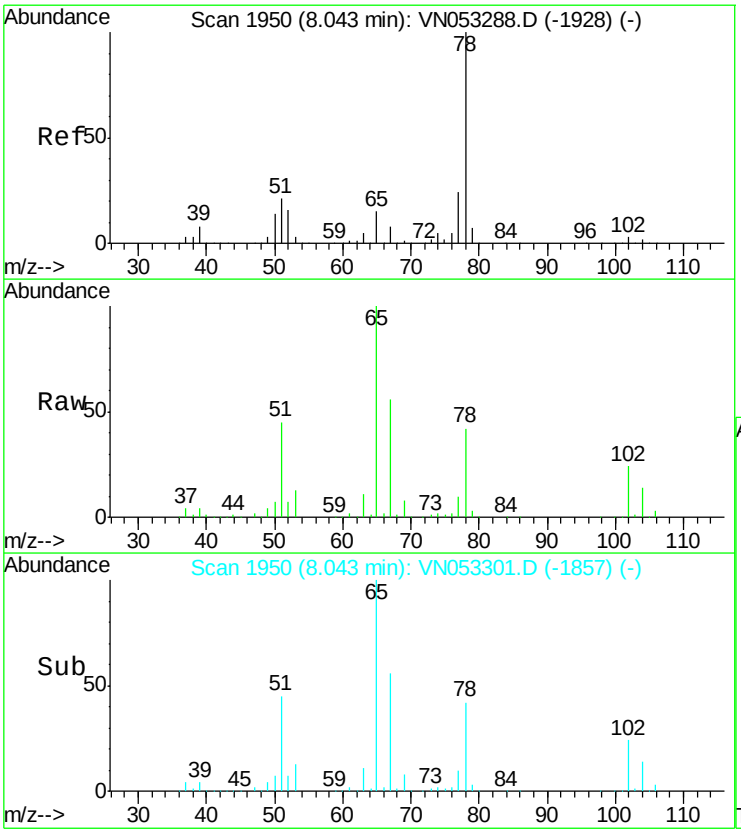
#38
Carbon Tetrachloride
Concen: 6.488 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument : MSVOA_N
ClientSampleId : COMP-2-DRUM

Tgt Ion:117 Resp: 87943

Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.6	115.0#
121	0.0	25.0	37.4#

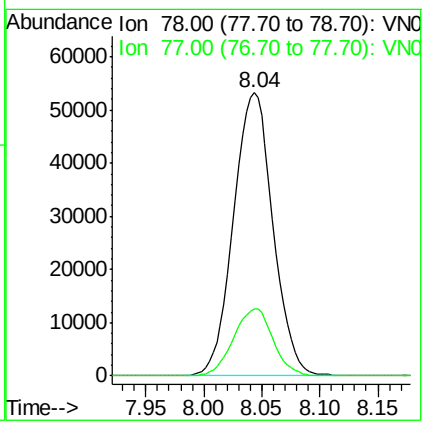


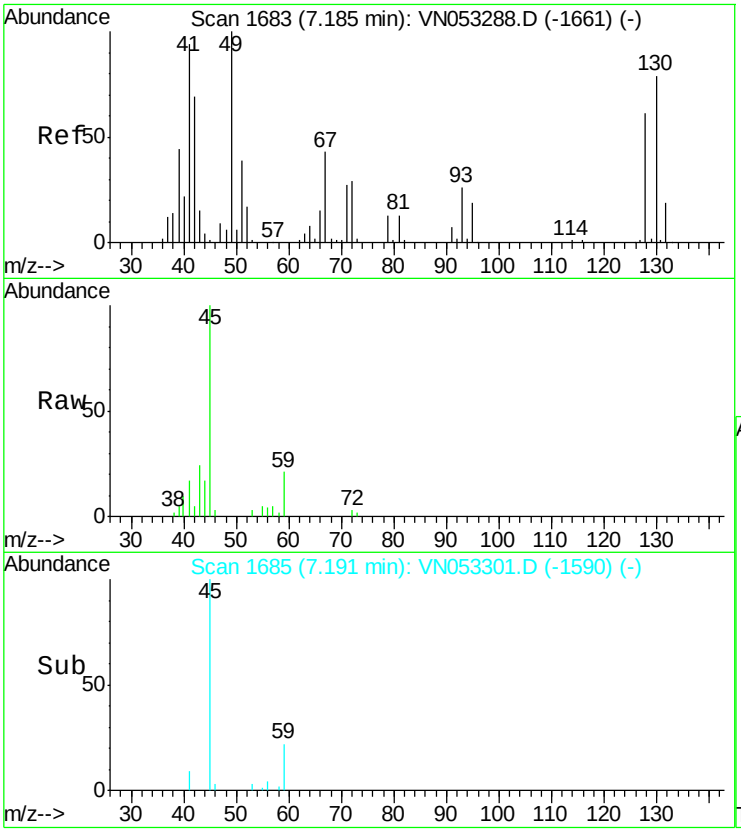


#40
Benzene
Concen: 2.808 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 78 Resp: 125987

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4



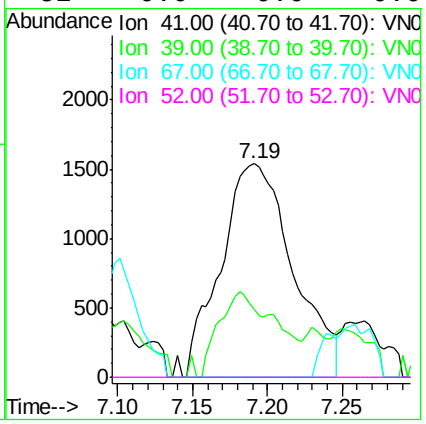


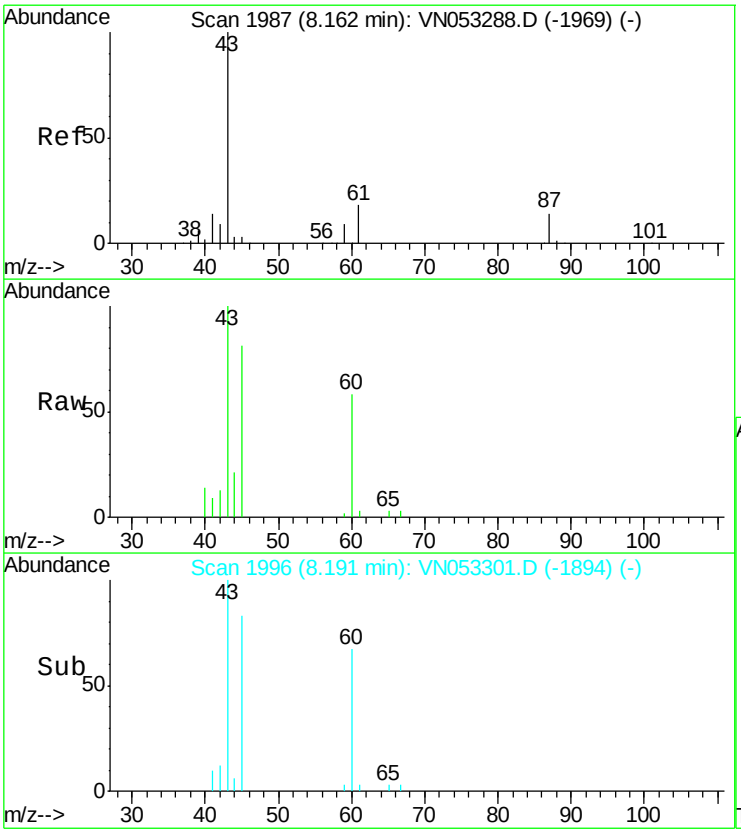
#41
Methacrylonitrile
Concen: 0.872 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion: 41 Resp: 5181

Ion	Ratio	Lower	Upper
41	100		
39	21.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

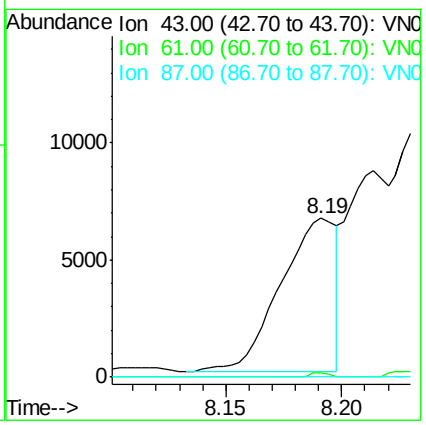


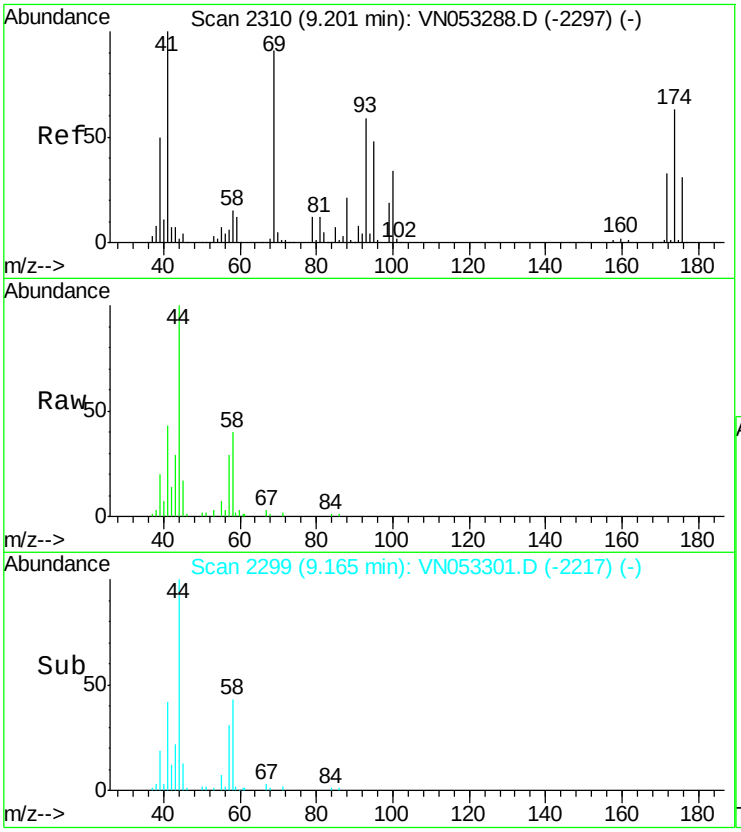


#43
Isopropyl Acetate
Concen: 0.577 ug/l
RT: 8.19 min Scan# 1996
Delta R.T. 0.03 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 43 Resp: 10858

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.3	34.9#
87	0.0	10.8	16.2#



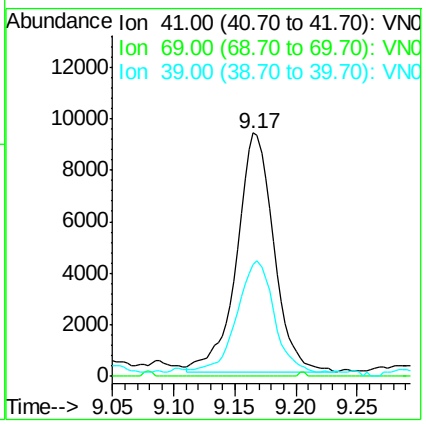


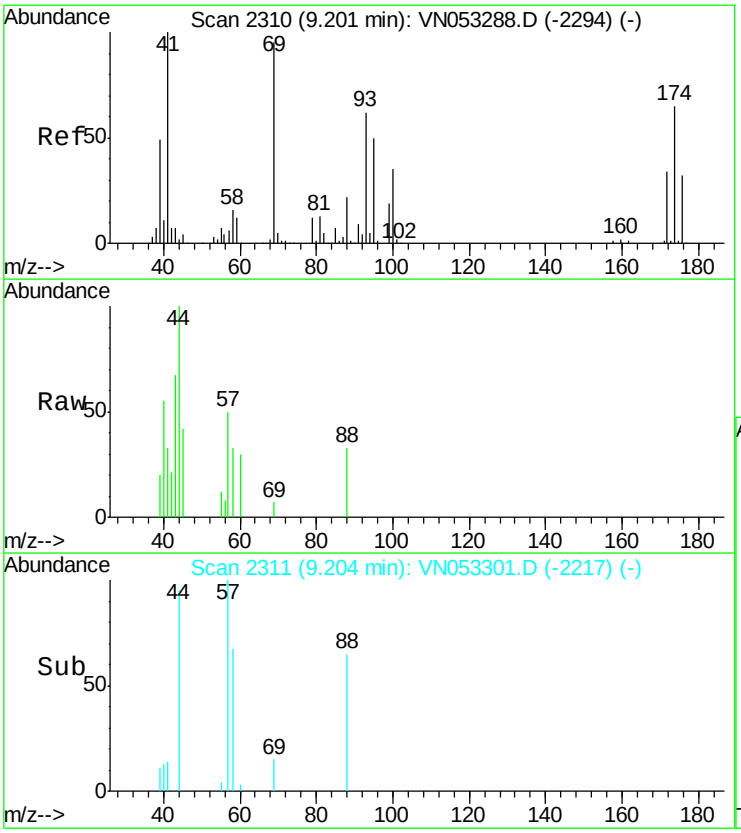
#48
Methyl methacrylate
Concen: 2.268 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.04 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument : MSVOA_N
ClientSampleId : COMP-2-DRUM

Tgt Ion: 41 Resp: 19389

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.5	110.3#
39	46.2	41.6	62.4

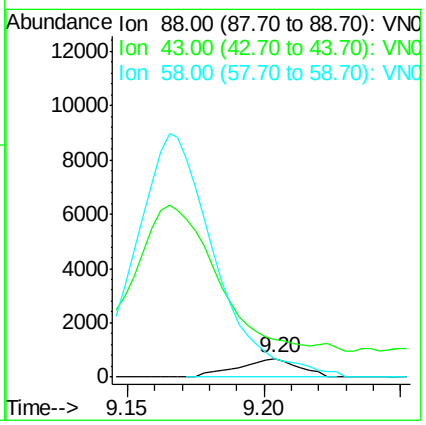


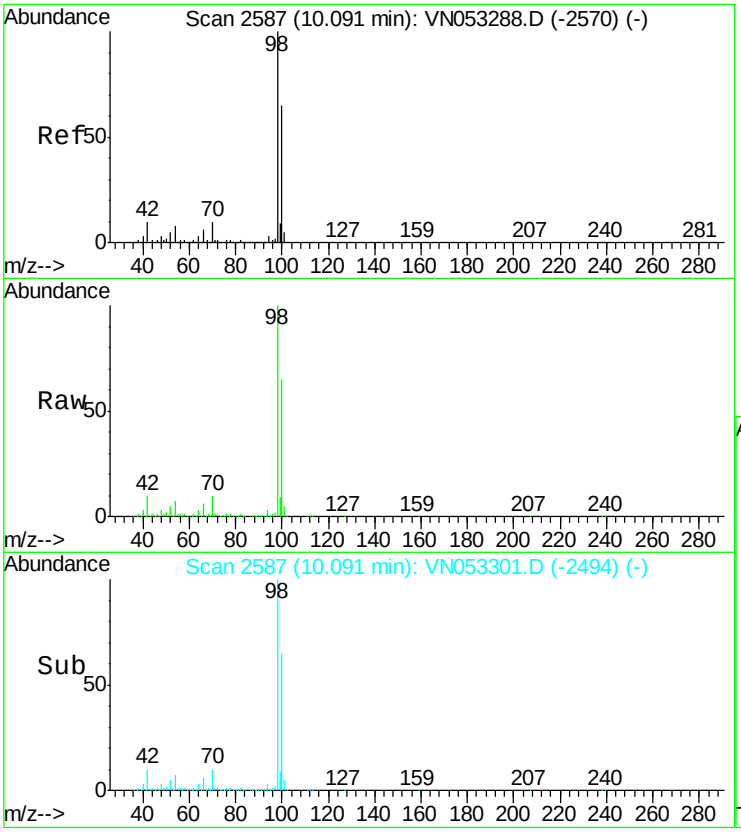


#49
1,4-Dioxane
Concen: 11.241 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 88 Resp: 1024

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.2	39.4#
58	0.0	55.5	83.3#



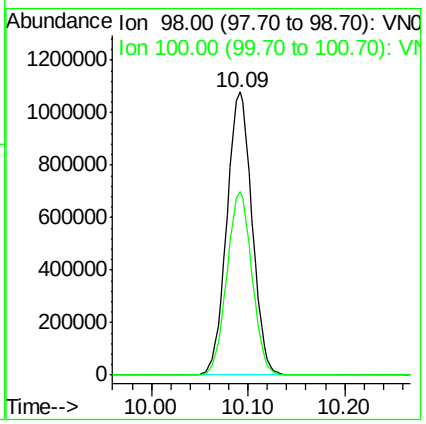


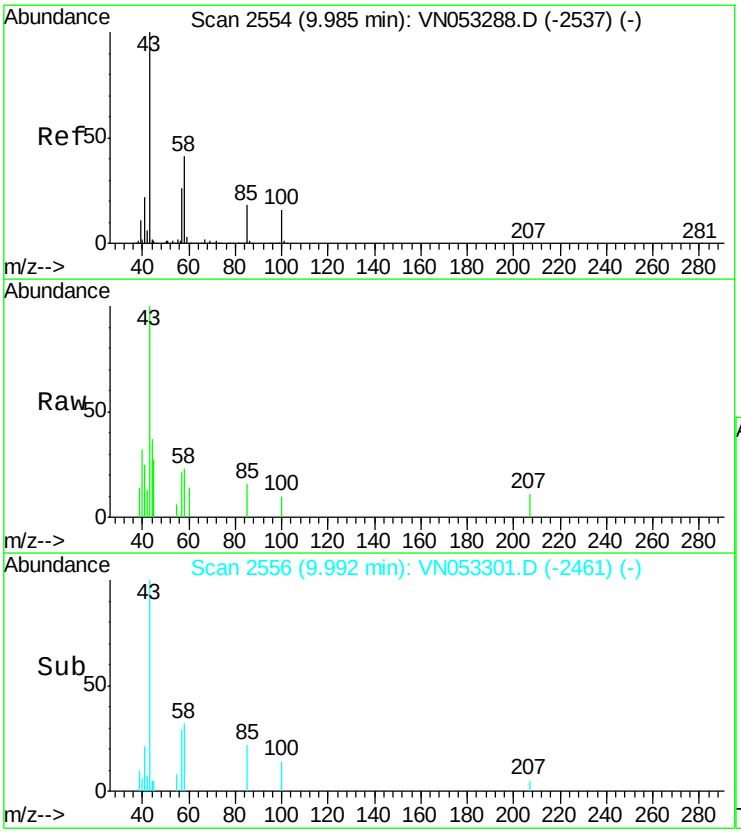
#50
Toluene-d8
Concen: 11.241 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument : MSVOA_N
ClientSampleId : COMP-2-DRUM

Tgt Ion: 98 Resp: 1952489

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3

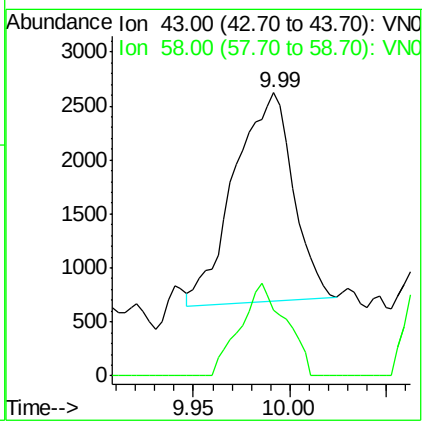


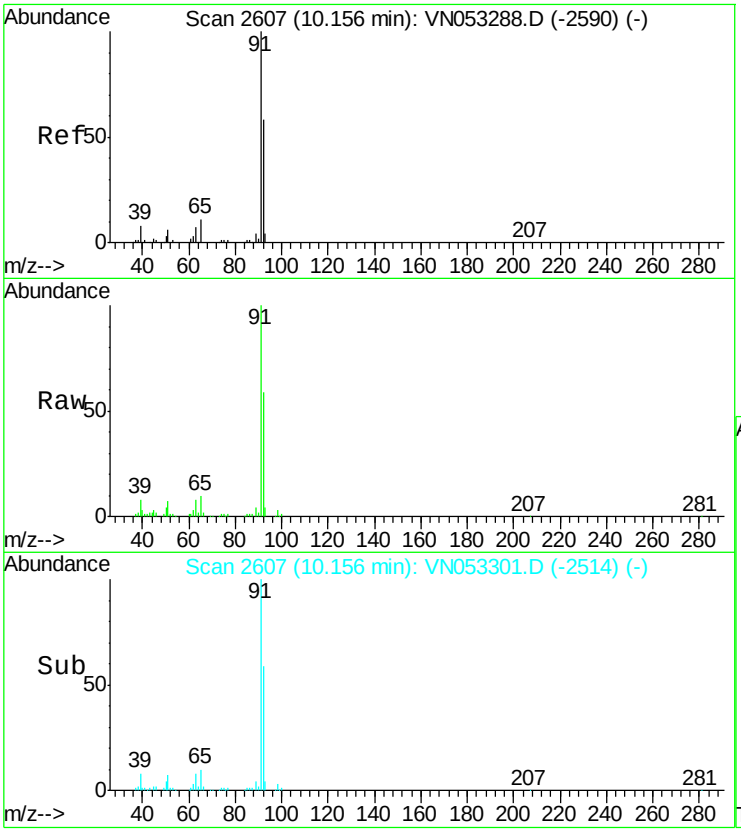


#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 43 Resp: 4070

Ion	Ratio	Lower	Upper
43	100		
58	34.5	32.7	49.1



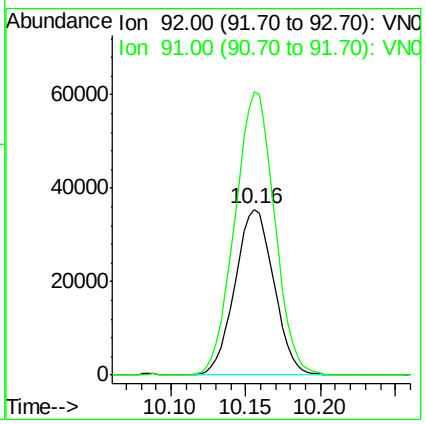


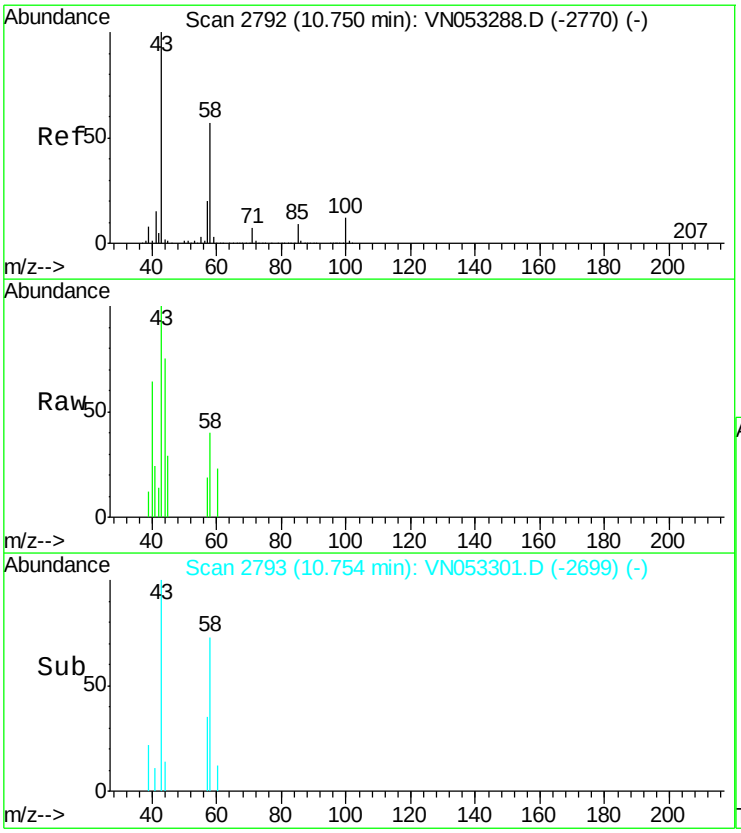
#52
Toluene
Concen: 2.343 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion: 92 Resp: 64491

Ion	Ratio	Lower	Upper
92	100		
91	173.8	138.6	208.0

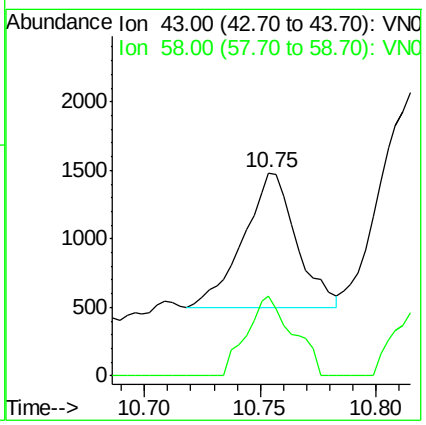


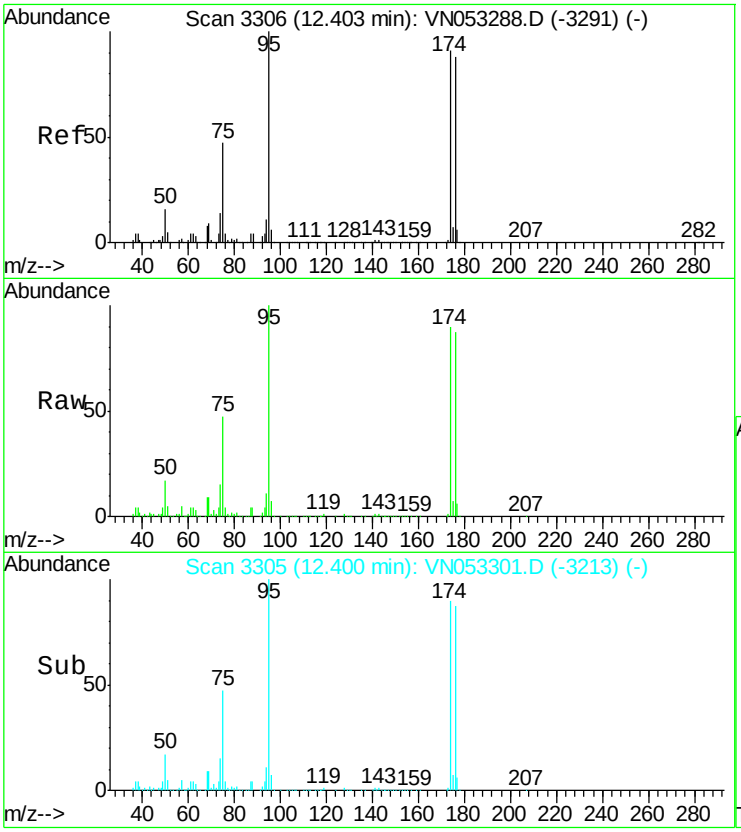


#59
2-Hexanone
Concen: 0.240 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 43 Resp: 1553

Ion	Ratio	Lower	Upper
43	100		
58	51.7	28.3	85.0



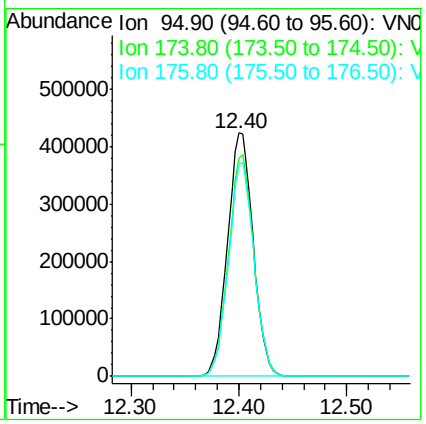


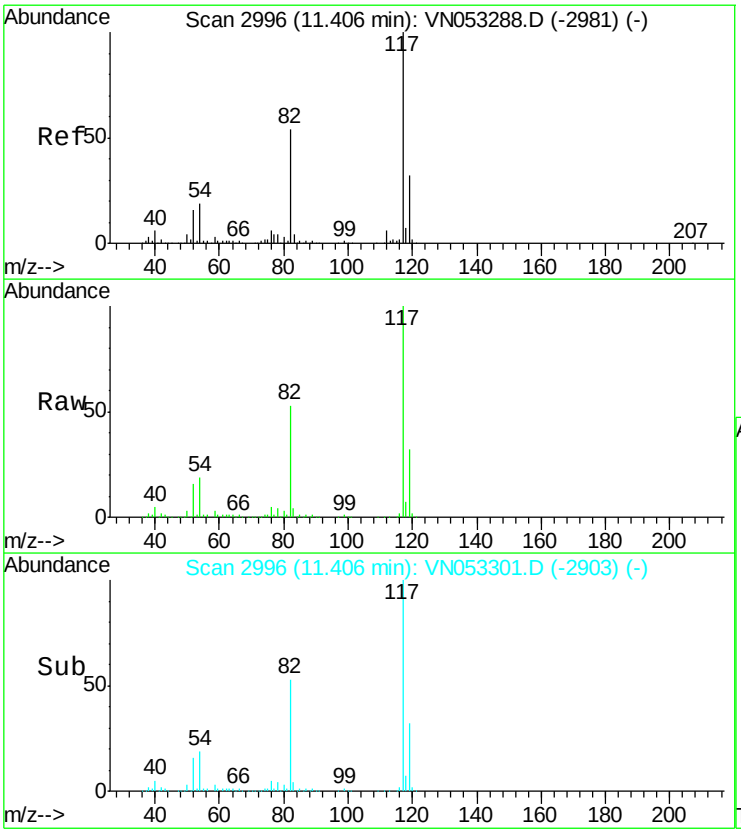
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion: 95 Resp: 702239

Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	180.4
176	87.2	0.0	175.6

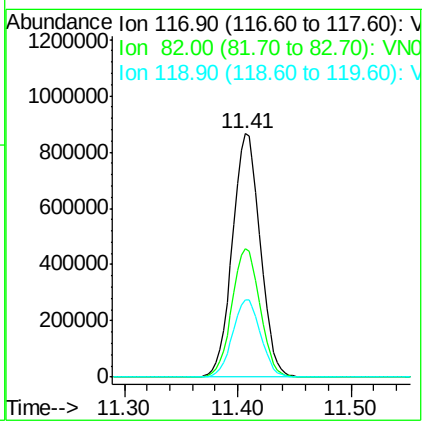


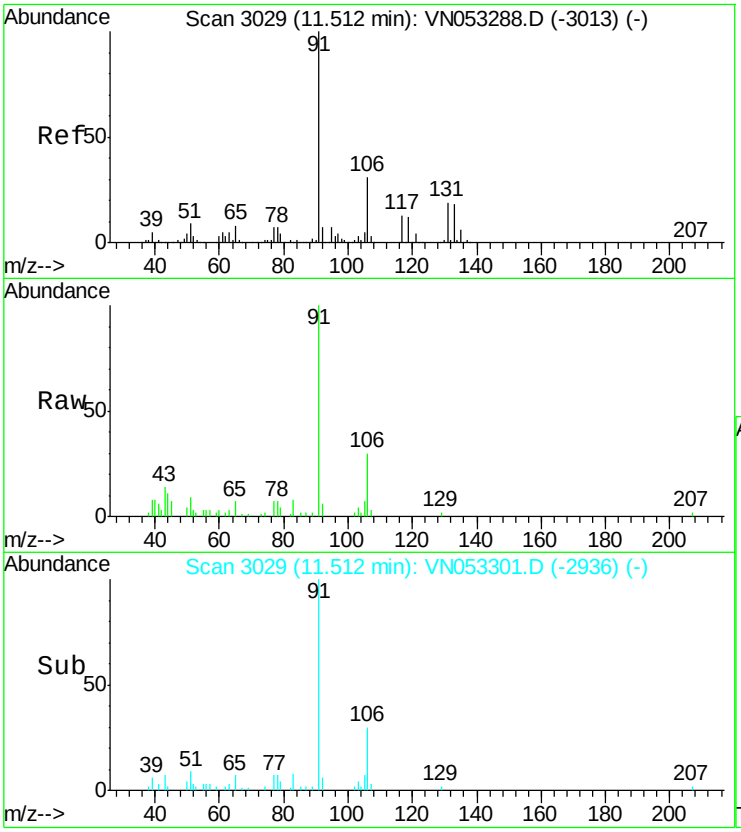


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion:117 Resp: 1482721

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.9	64.3
119	31.8	25.6	38.4



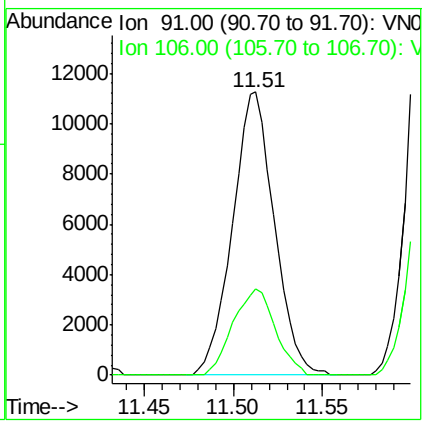


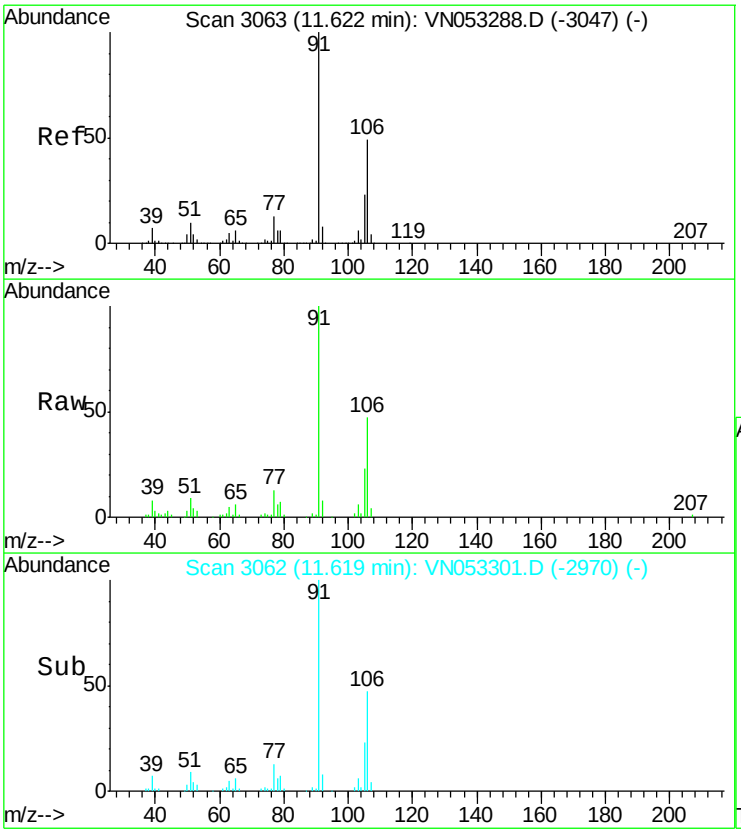
#67
Ethyl Benzene
Concen: 0.336 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument : MSVOA_N
ClientSampleId : COMP-2-DRUM

Tgt Ion: 91 Resp: 18382

Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.0	37.4

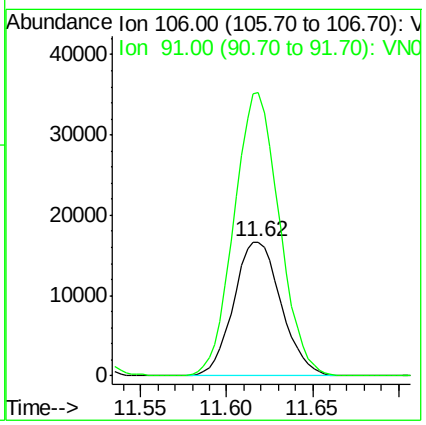


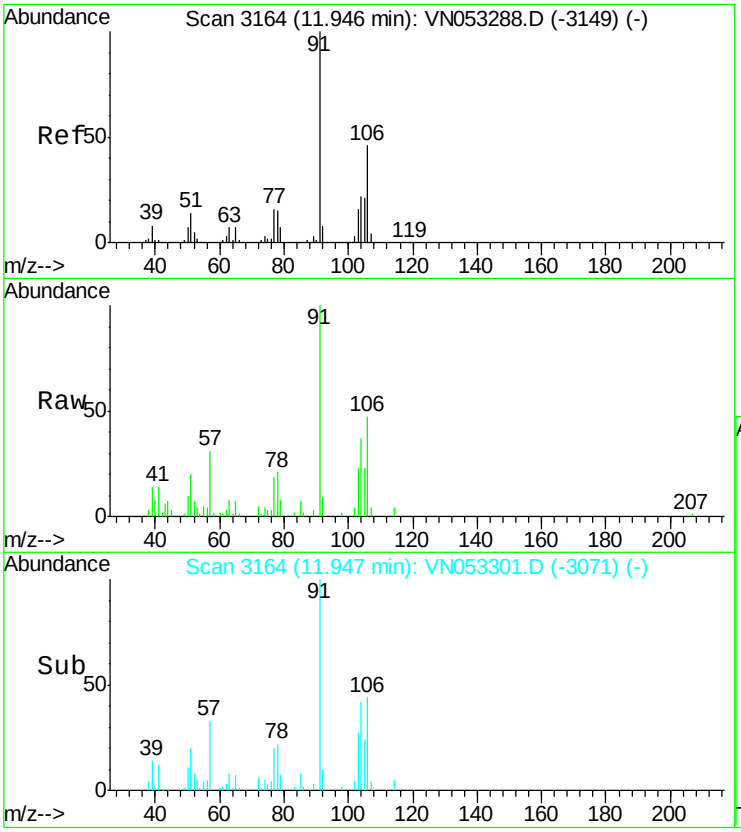


#68
m/p-Xylenes
Concen: 1.546 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion:106 Resp: 31827

Ion	Ratio	Lower	Upper
106	100		
91	202.4	161.4	242.2



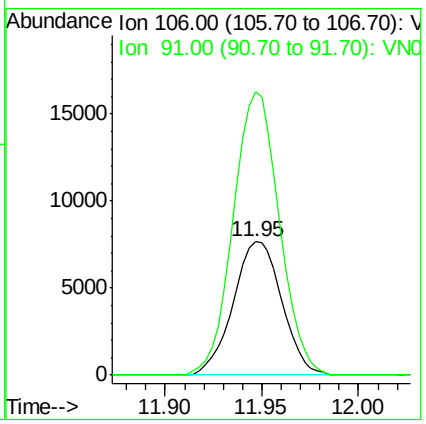


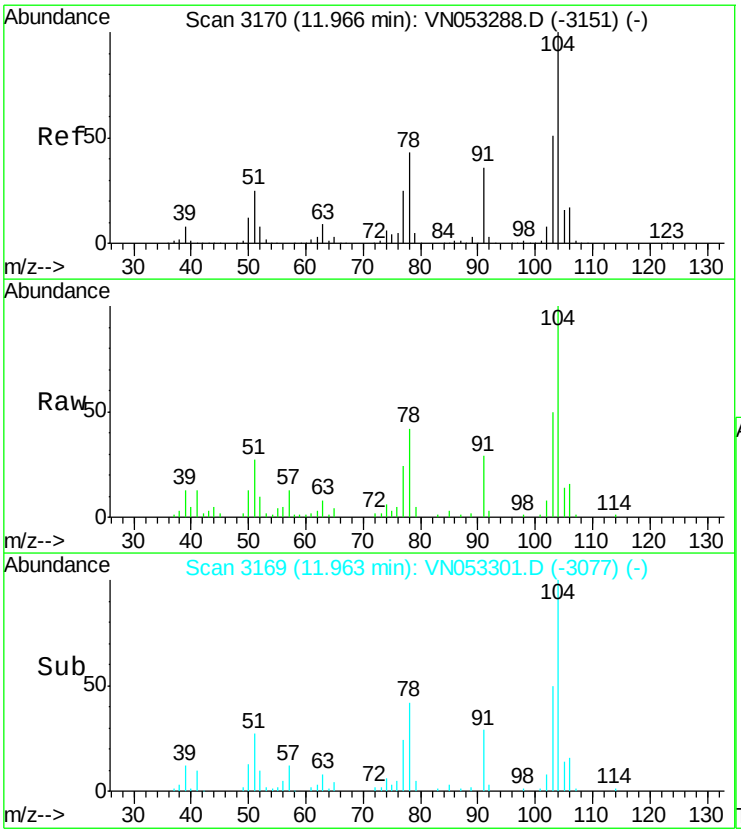
#69
o-Xylene
Concen: 0.664 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion:106 Resp: 13382

Ion	Ratio	Lower	Upper
106	100		
91	201.1	106.8	320.4

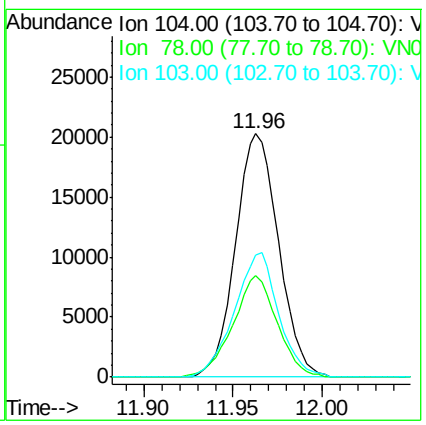


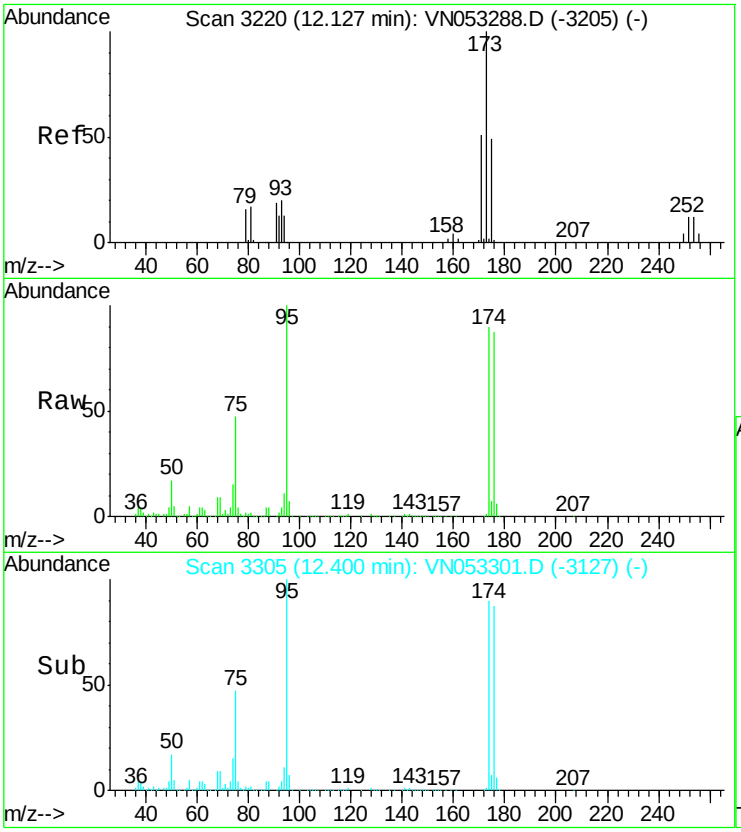


#70
Styrene
Concen: 1.044 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion:104 Resp: 34242

Ion	Ratio	Lower	Upper
104	100		
78	43.0	38.5	57.7
103	52.5	44.5	66.7



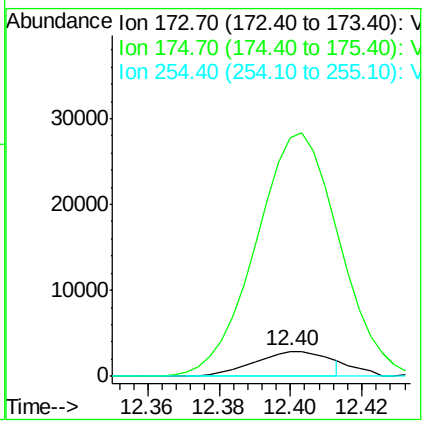


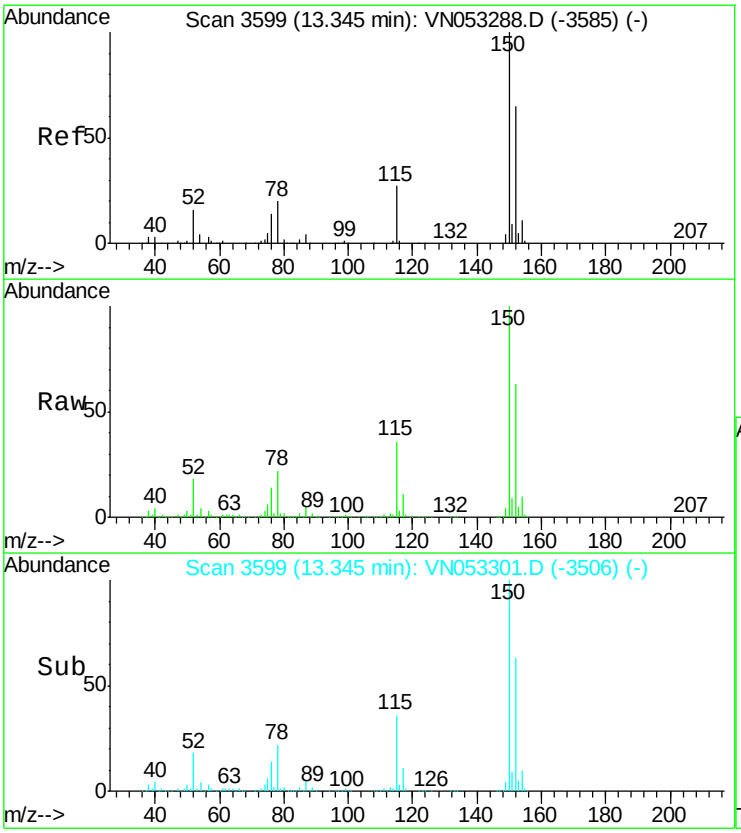
#71
Bromoform
Concen: 0.520 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument : MSVOA_N
ClientSampleId : COMP-2-DRUM

Tgt Ion:173 Resp: 4140

Ion	Ratio	Lower	Upper
173	100		
175	970.4	24.3	72.8#
254	0.0	0.2	0.2#

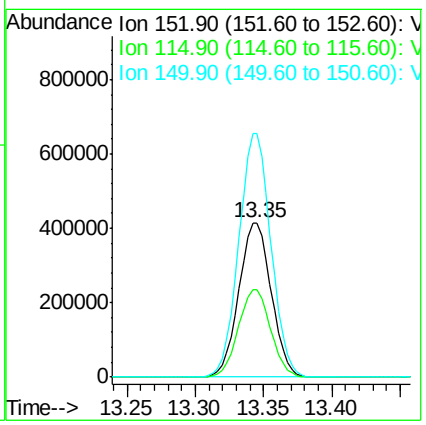


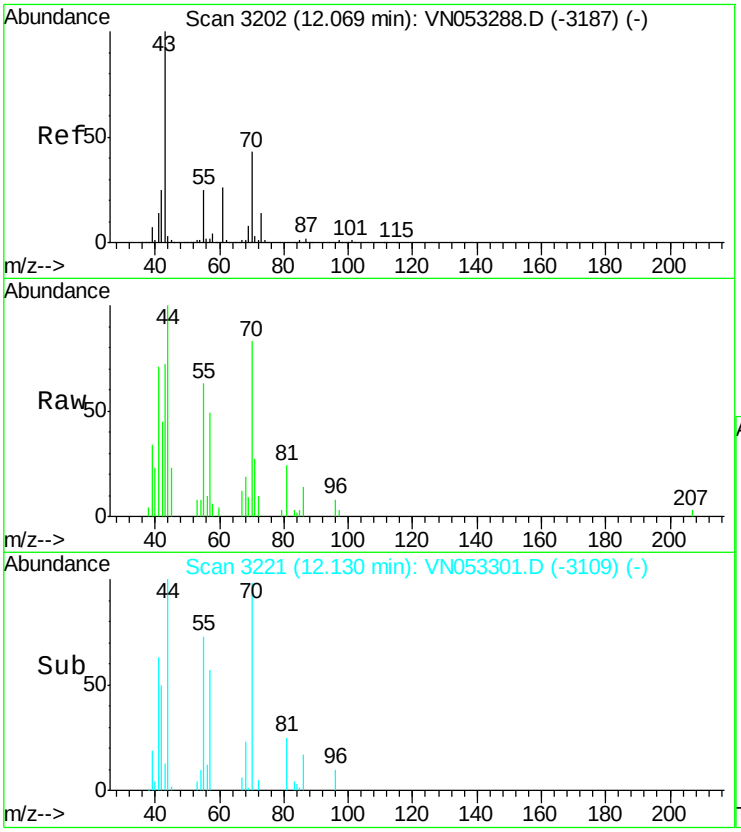


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion:152 Resp: 682590

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.0	84.0
150	156.6	0.0	346.6



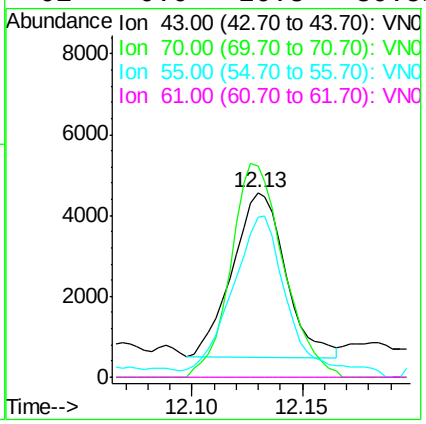


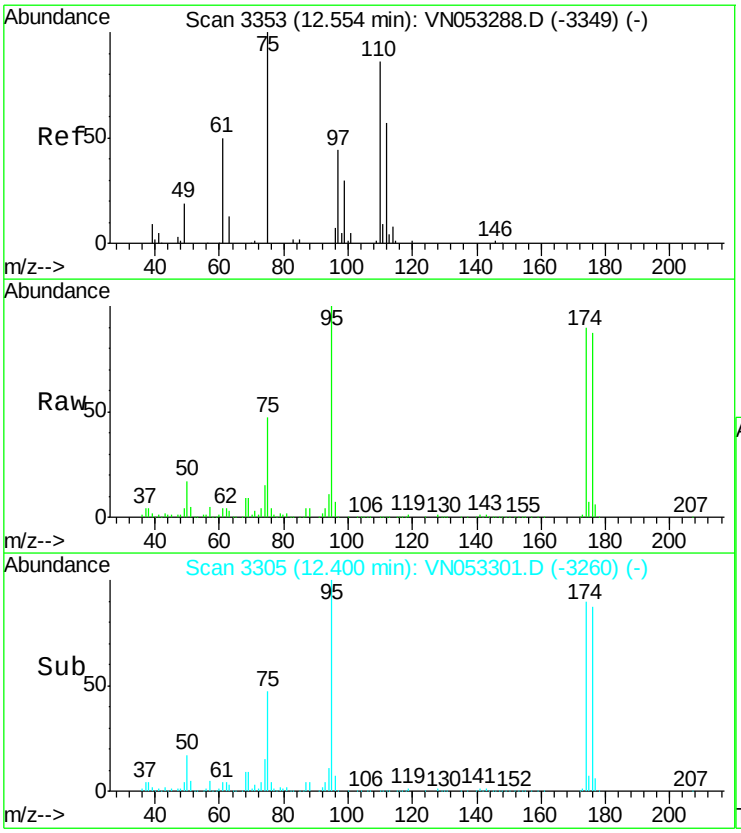
#74
N-amyl acetate
Concen: 0.448 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.06 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument : MSVOA_N
ClientSampleId : COMP-2-DRUM

Tgt Ion: 43 Resp: 6795

Ion	Ratio	Lower	Upper
43	100		
70	129.7	35.0	52.6#
55	105.1	20.0	30.0#
61	0.0	20.3	30.5#

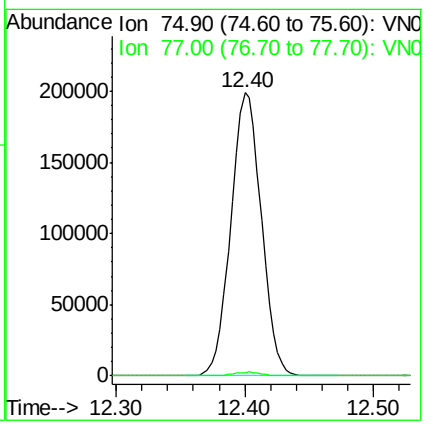


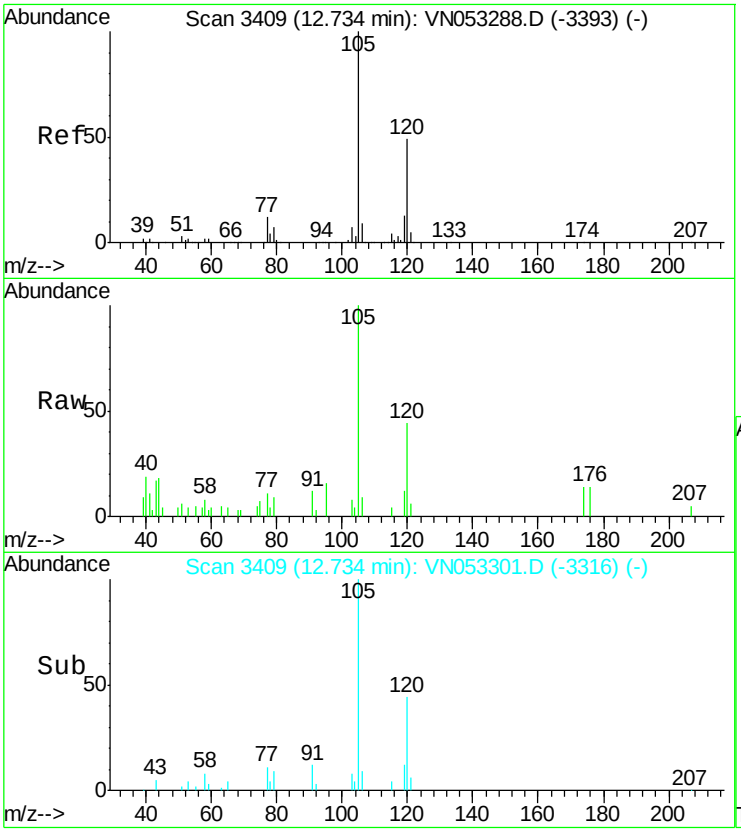


#76
1,2,3-Trichloropropane
Concen: 32.734 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 75 Resp: 325893

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



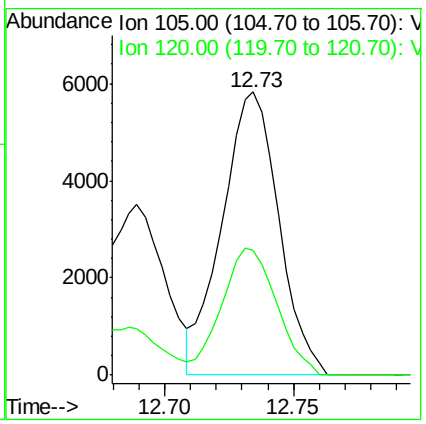


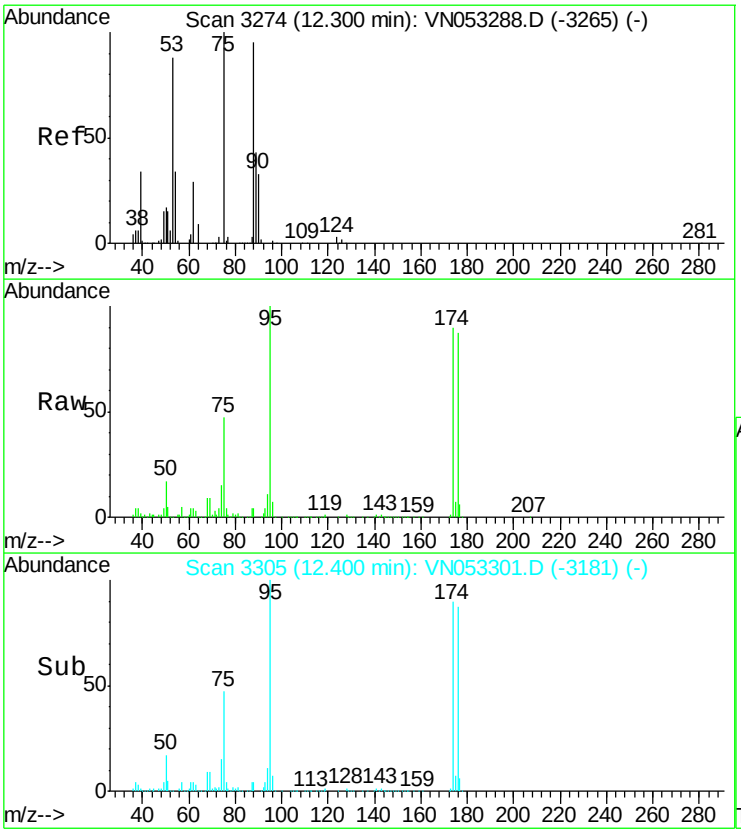
#80
1,3,5-Trimethylbenzene
Concen: 0.217 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion:105 Resp: 8900

Ion	Ratio	Lower	Upper
105	100		
120	43.7	24.7	74.1

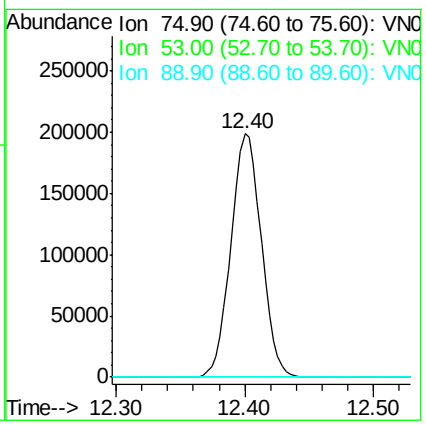


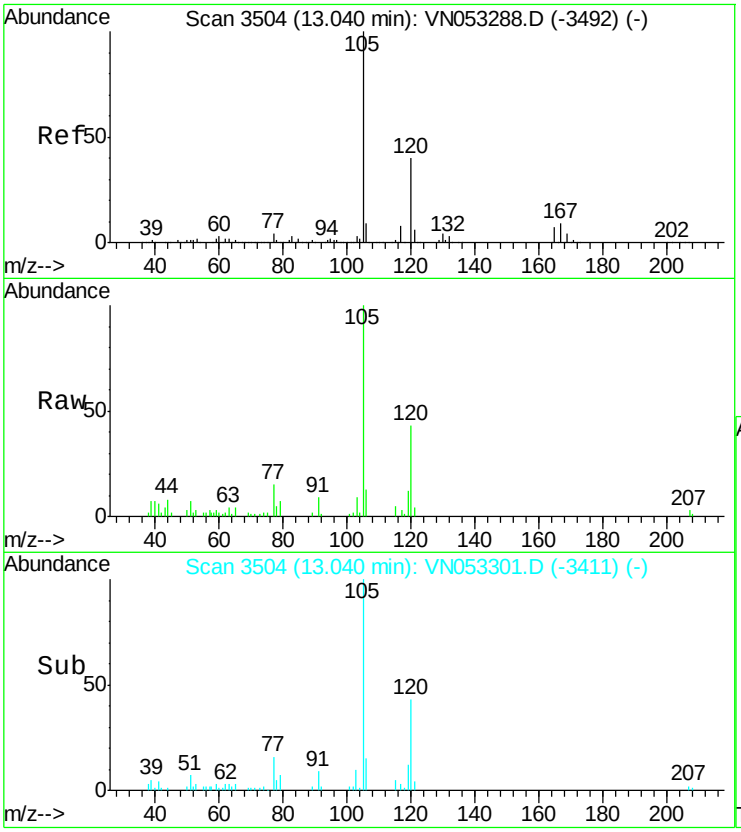


#81
trans-1,4-Dichloro-2-butene
Concen: 96.308 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion: 75 Resp: 325893

Ion	Ratio	Lower	Upper
75	100		
53	0.1	70.5	105.7#
89	0.0	35.4	53.0#



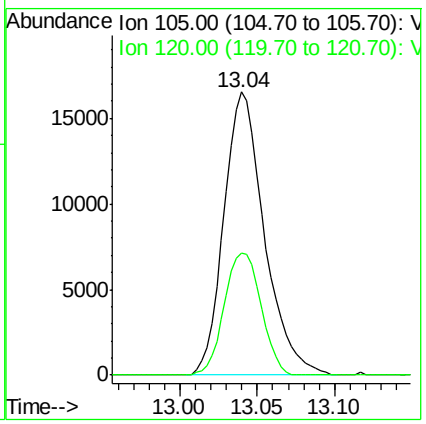


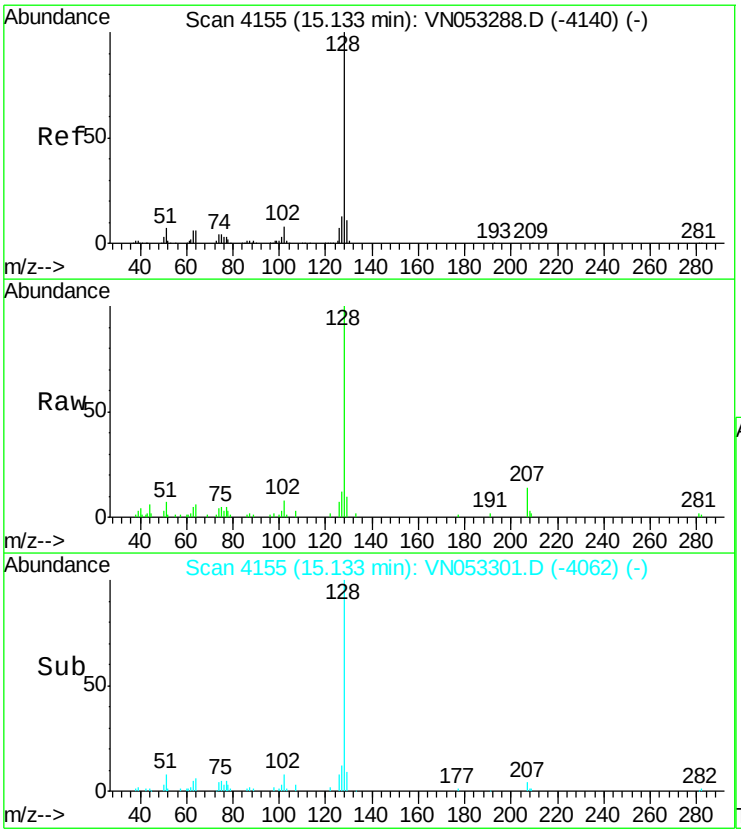
#84
1,2,4-Trimethylbenzene
Concen: 0.720 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-DRUM

Tgt Ion:105 Resp: 30010

Ion	Ratio	Lower	Upper
105	100		
120	39.3	23.0	69.0





#95
Naphthalene
Concen: 2.988 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053301.D
Acq: 7 Jan 2019 13:41

Tgt Ion:128 Resp: 35856

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.2	8.7	13.1