Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110518\
Data File : VN052168.D
Acq On : 6 Nov 2018 00:48
Operator : MD\SY
Sample : J5764-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : JC-03-110218-G

Quant Time: Nov 06 05:19:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 22:32:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	314715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	566308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	243701	65.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 130.62%			
35) Dibromofluoromethane	7.59	113	215071	61.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.34%			
50) Toluene-d8	10.09	98	837729	61.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.26%			
62) 4-Bromofluorobenzene	12.40	95	269195	60.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.66%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.78	59	451	2.780	ug/l #	79
13) Acrolein	3.62	56	77	32.407	ug/l #	16
16) Acetone	3.82	43	10618	12.558	ug/l	92
18) Methyl Acetate	4.33	43	4169	1.552	ug/l #	70
20) Methylene Chloride	4.56	84	10381	2.955	ug/l #	89
25) 2-Butanone	6.84	43	1184	0.903	ug/l #	87
29) Tetrahydrofuran	7.20	42	293	0.361	ug/l	96
30) Chloroform	7.37	83	1952	0.325	ug/l #	64
31) Cyclohexane	7.66	56	7962	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	25275	5.045	ug/l #	45
38) Carbon Tetrachloride	7.67	117	33835	6.755	ug/l #	17
41) Methacrylonitrile	7.17	41	104	1.453	ug/l #	28
42) 1,2-Dichloroethane	8.16	62	1153	0.244	ug/l #	75
43) Isopropyl Acetate	8.17	43	157354	27.528	ug/l #	85
48) Methyl methacrylate	9.19	41	3782	1.375	ug/l #	14
49) 1,4-Dioxane	9.14	88	72	Below Cal	#	21
51) 4-Methyl-2-Pentanone	9.98	43	629	0.208	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	1359	0.245	ug/l #	55
59) 2-Hexanone	10.77	43	9305	4.426	ug/l	64
71) Bromoform	12.39	173	318	2.918	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	138382	40.778	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	138382	146.013	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.04	105	2646	0.201	ug/l	94
93) 1,2,4-Trichlorobenzene	14.72	180	29	2.245	ug/l #	12
95) Naphthalene	15.13	128	76466	11.580	ug/l	99

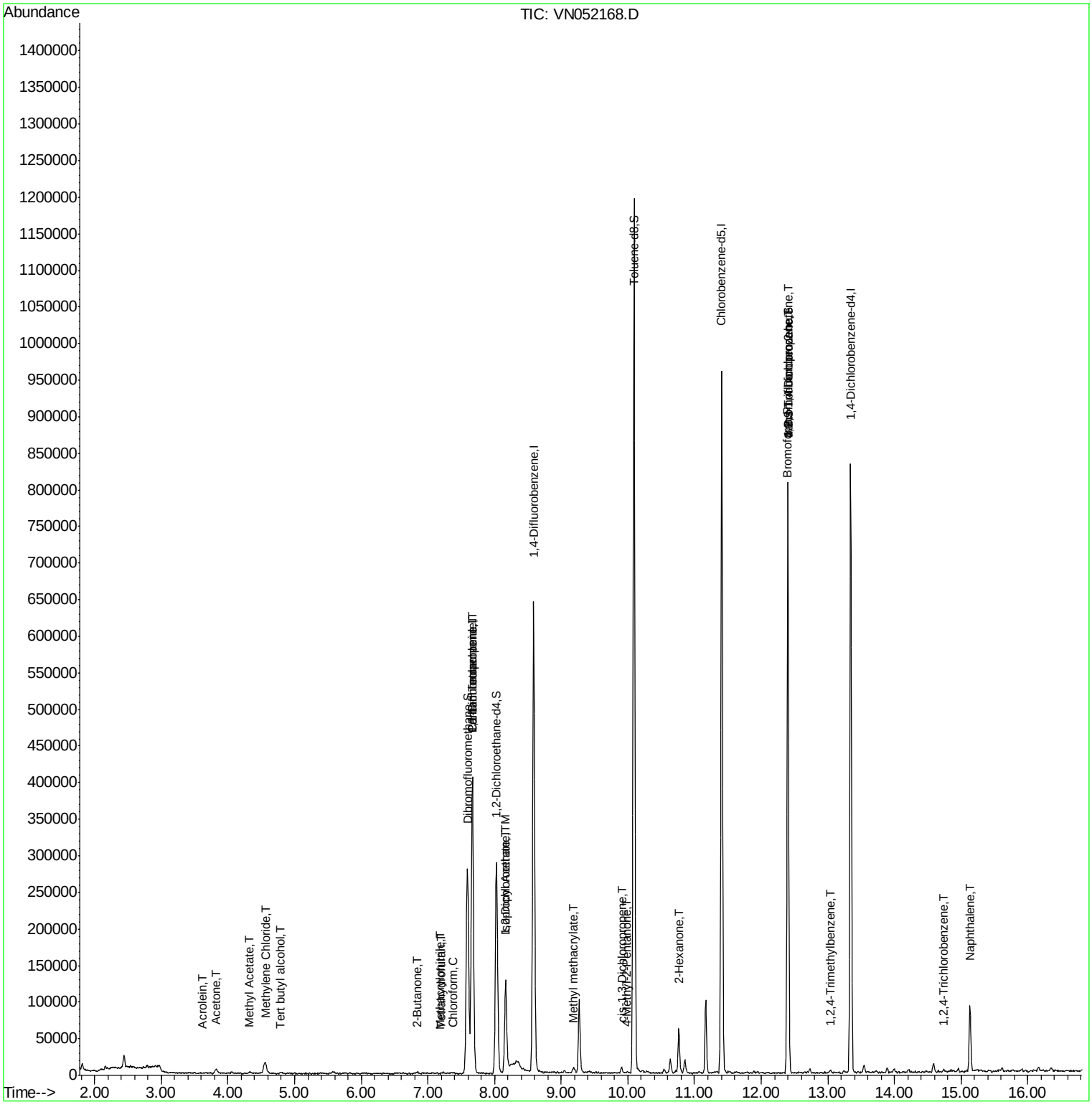
(#) = qualifier out of range (m) = manual integration (+) = signals summed

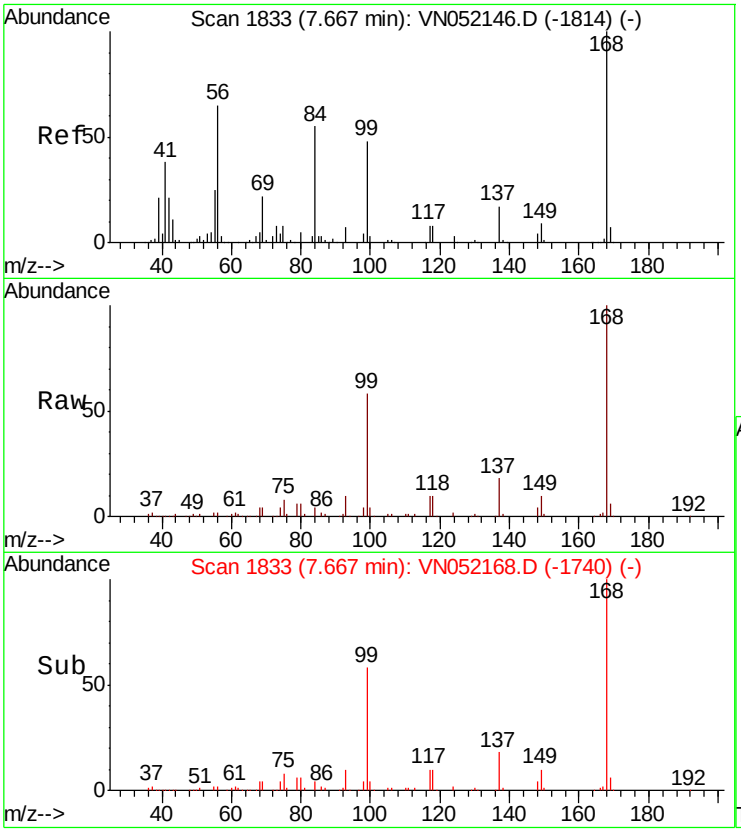
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110518\
Data File : VN052168.D
Acq On : 6 Nov 2018 00:48
Operator : MD\SY
Sample : J5764-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : JC-03-110218-G

Quant Time: Nov 06 05:19:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 22:32:25 2018
Response via : Initial Calibration



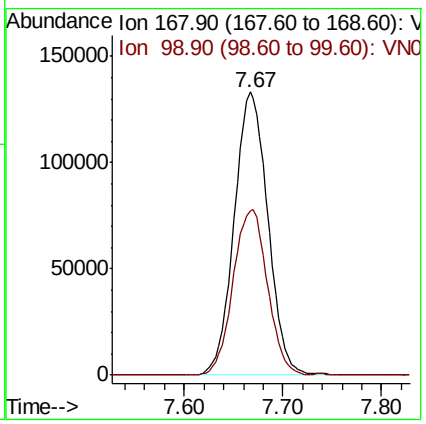


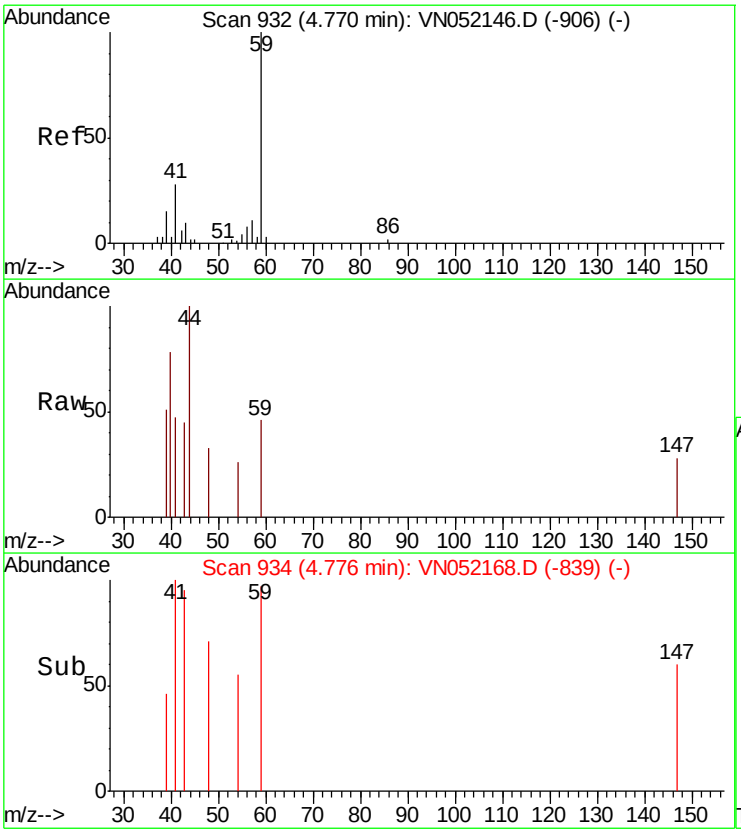
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion:168 Resp: 314715

Ion	Ratio	Lower	Upper
168	100		
99	57.9	45.4	68.2

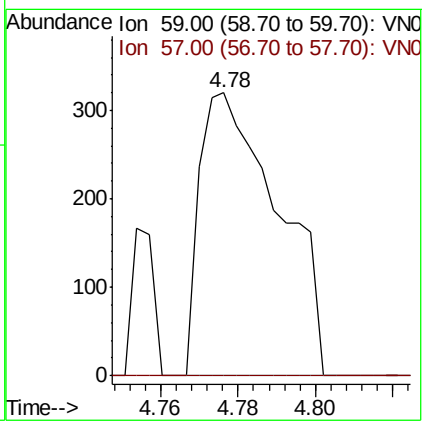


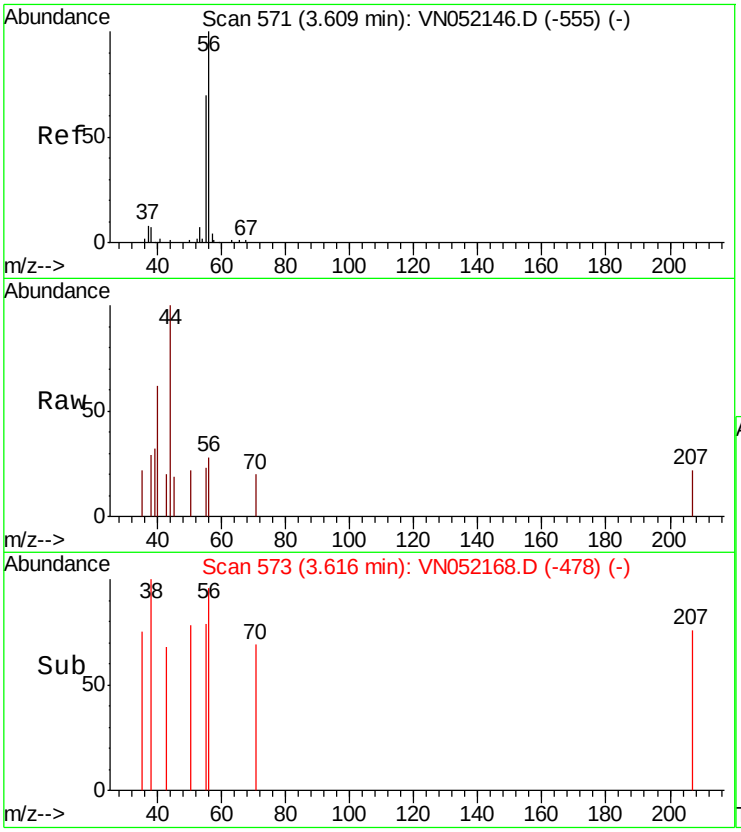


#11
Tert butyl alcohol
Concen: 2.780 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.01 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 59 Resp: 451

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.7	8.5#



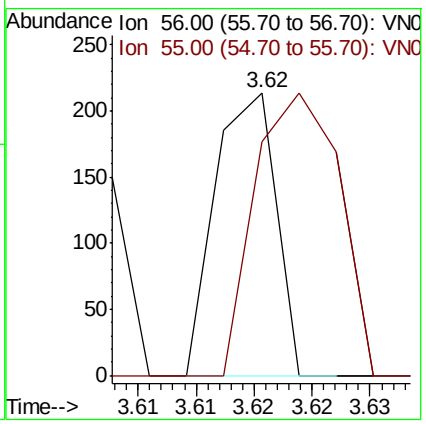


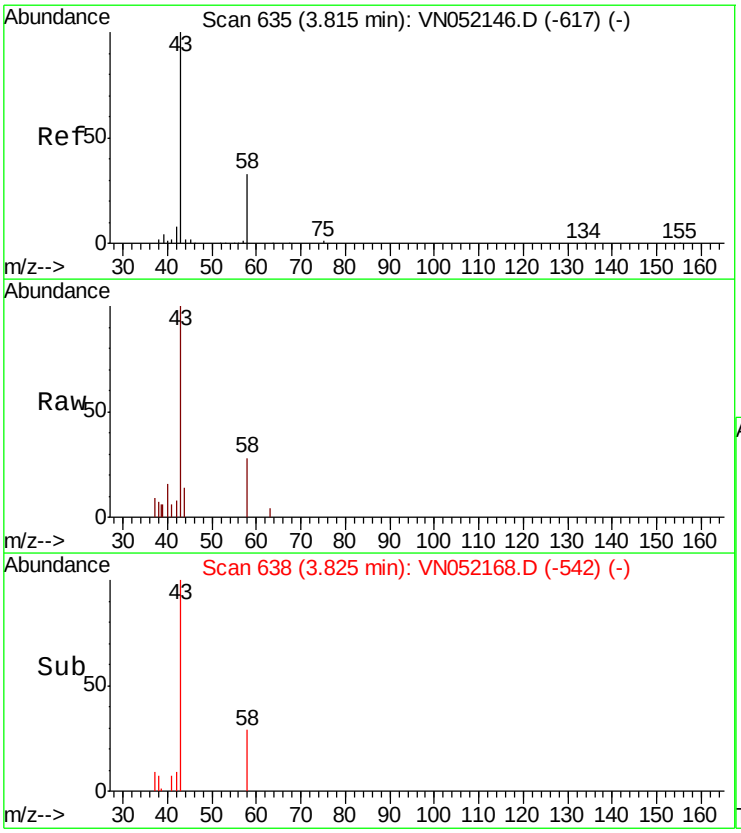
#13
Acrolein
Concen: 32.407 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion: 56 Resp: 77

Ion	Ratio	Lower	Upper
56	100		
55	140.3	56.6	84.8#

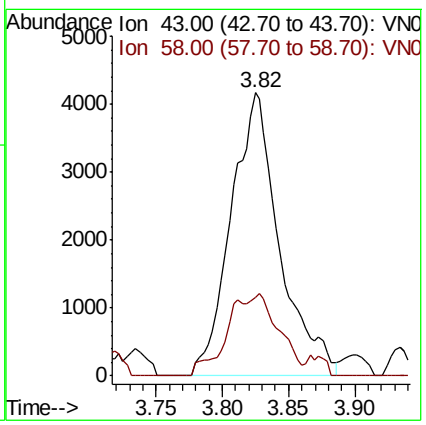


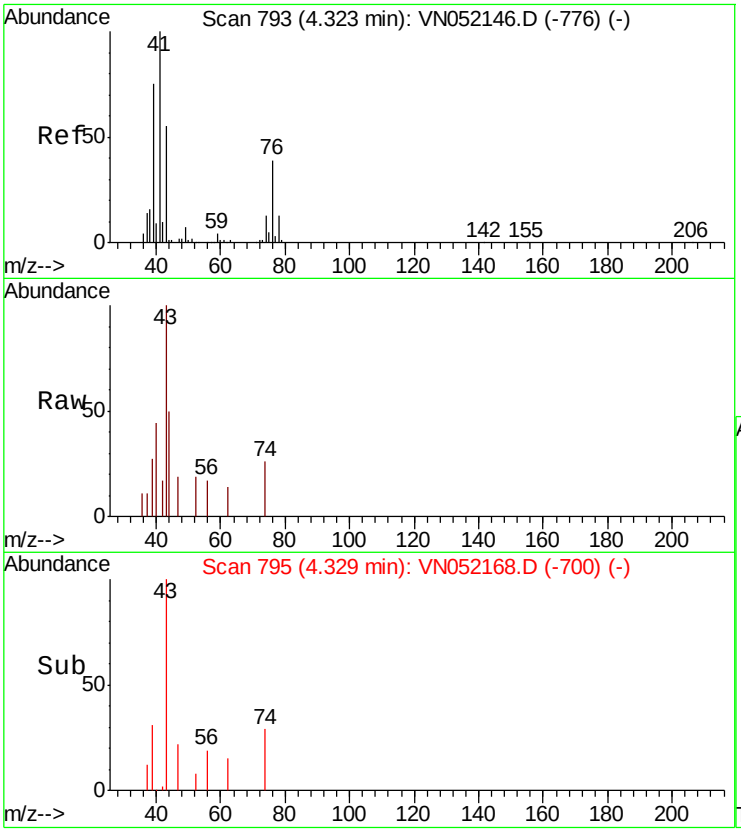


#16
Acetone
Concen: 12.558 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 43 Resp: 10618

Ion	Ratio	Lower	Upper
43	100		
58	28.0	26.2	39.2



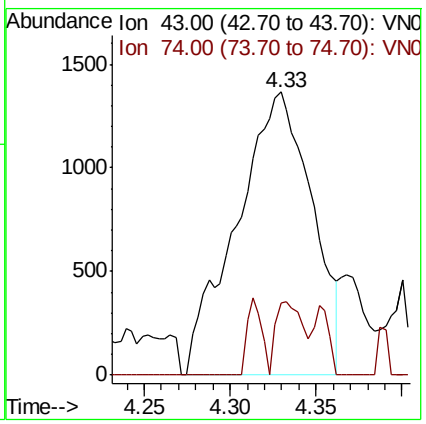


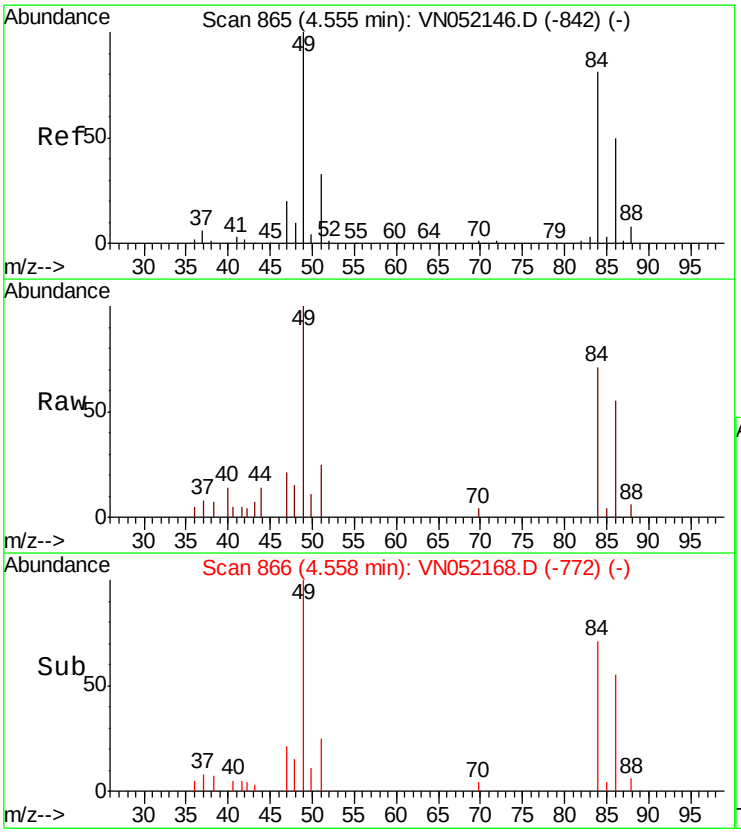
#18
Methyl Acetate
Concen: 1.552 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument : MSVOA_N
ClientSampleId : JC-03-110218-G

Tgt Ion: 43 Resp: 4169

Ion	Ratio	Lower	Upper
43	100		
74	9.2	19.3	28.9#

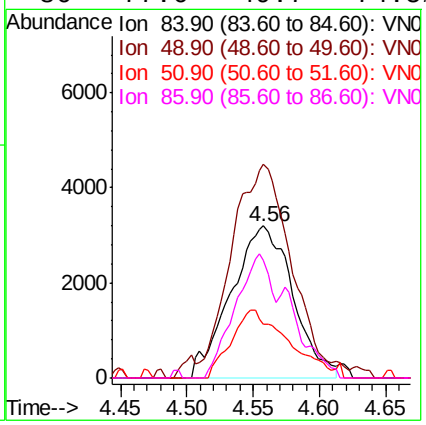


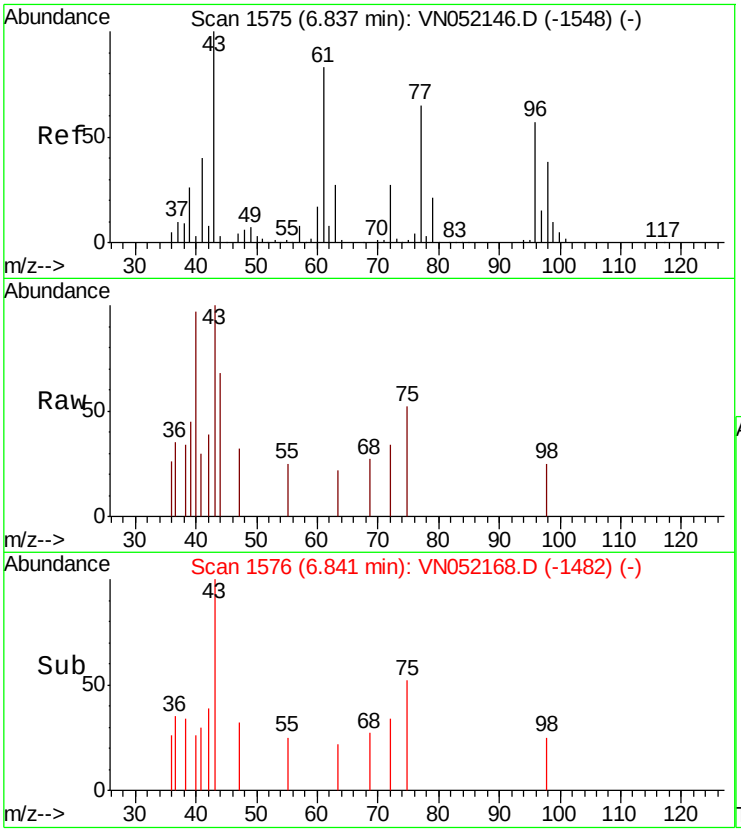


#20
Methylene Chloride
Concen: 2.955 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 84 Resp: 10381

Ion	Ratio	Lower	Upper
84	100		
49	130.0	98.4	147.6
51	35.1	32.5	48.7
86	77.6	49.7	74.5#



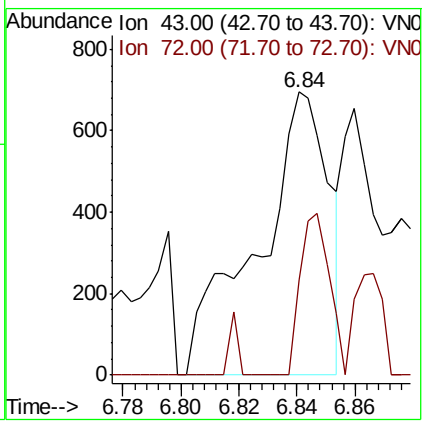


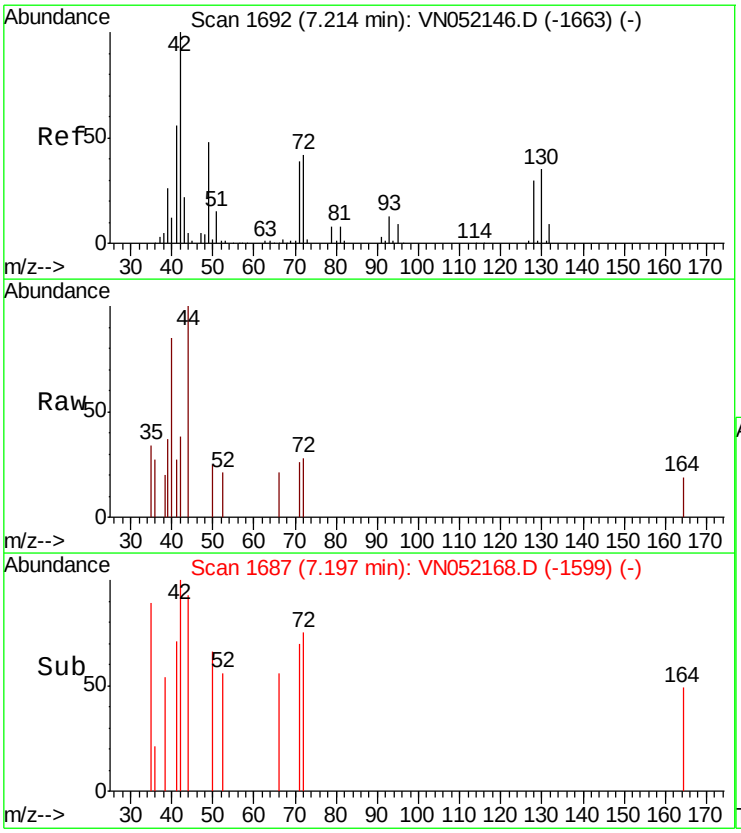
#25
2-Butanone
Concen: 0.903 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument : MSVOA_N
ClientSampleId : JC-03-110218-G

Tgt Ion: 43 Resp: 1184

Ion	Ratio	Lower	Upper
43	100		
72	33.5	21.4	32.2#

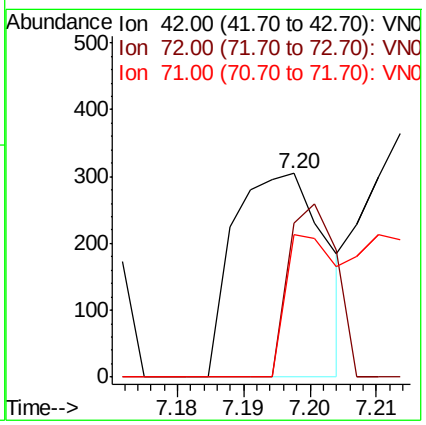


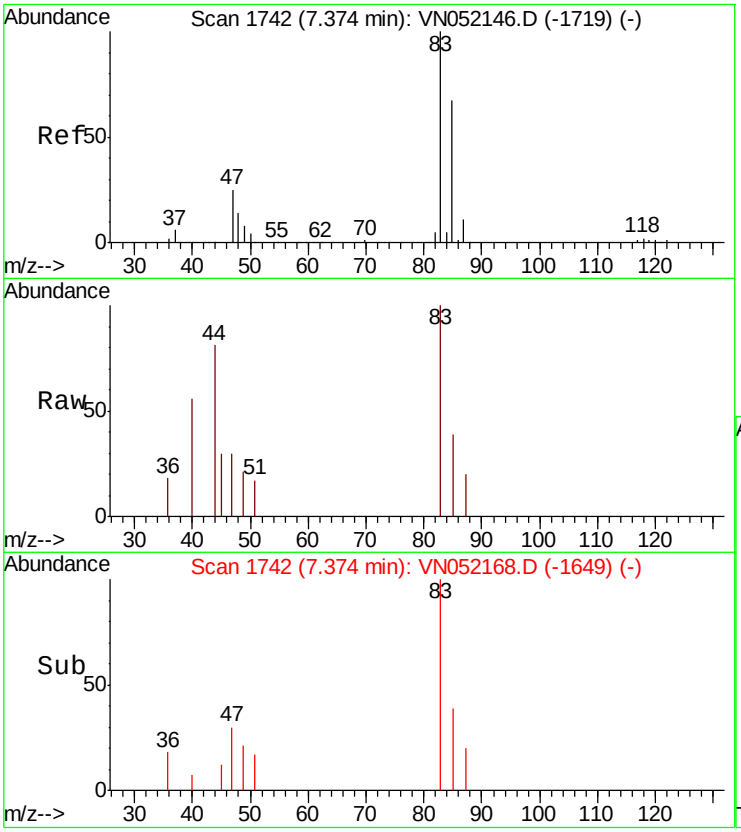


#29
Tetrahydrofuran
Concen: 0.361 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.02 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 42 Resp: 293

Ion	Ratio	Lower	Upper
42	100		
72	44.7	32.3	48.5
71	38.6	31.0	46.6



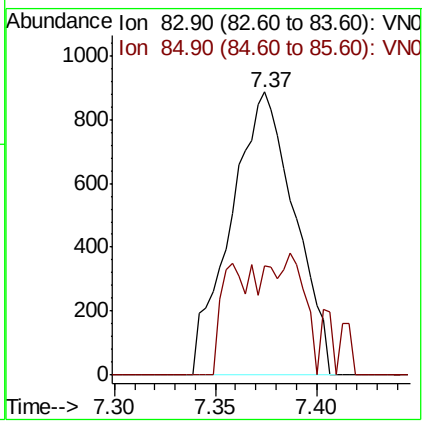


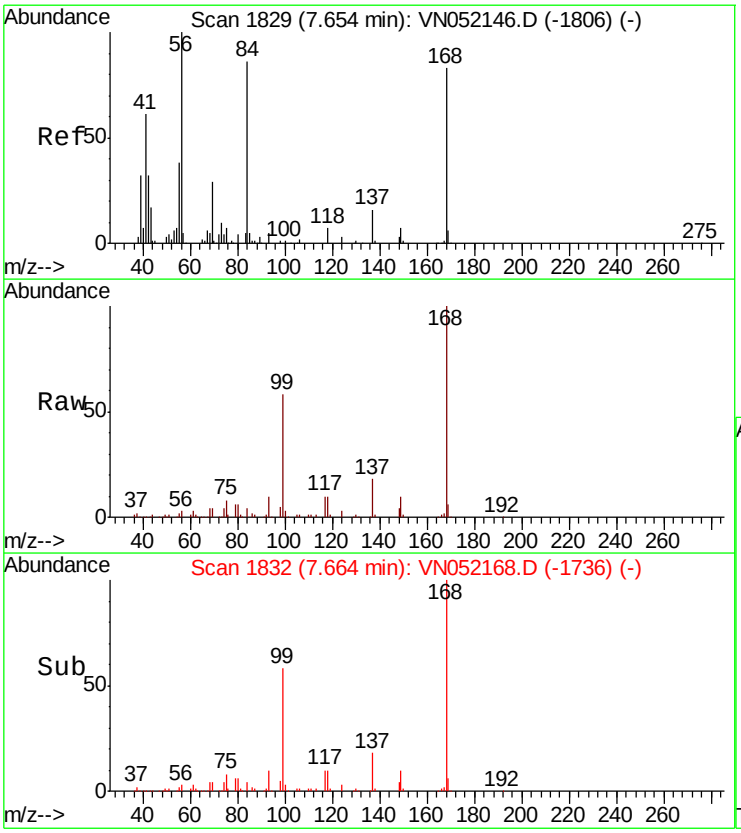
#30
Chloroform
Concen: 0.325 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion: 83 Resp: 1952

Ion	Ratio	Lower	Upper
83	100		
85	38.6	53.7	80.5#

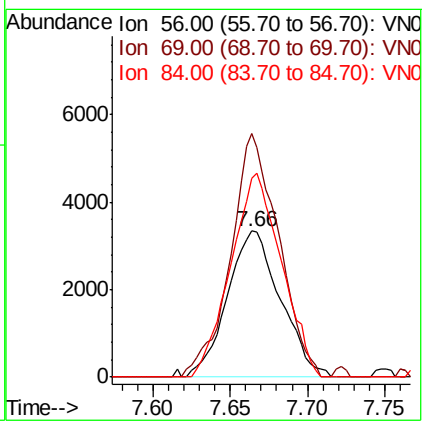


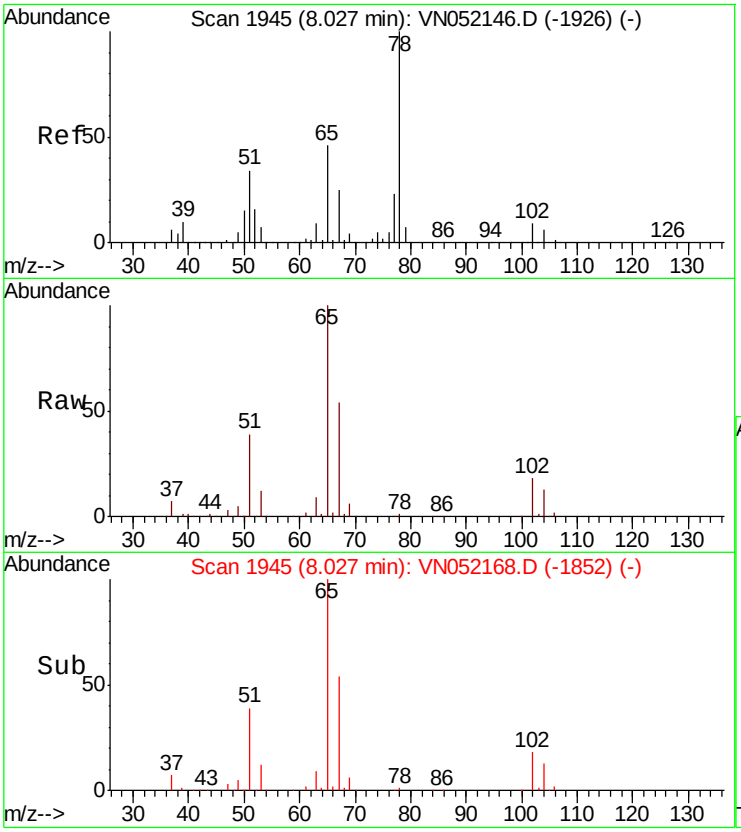


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 56 Resp: 7962

Ion	Ratio	Lower	Upper
56	100		
69	161.7	23.5	35.3#
84	136.4	68.7	103.1#



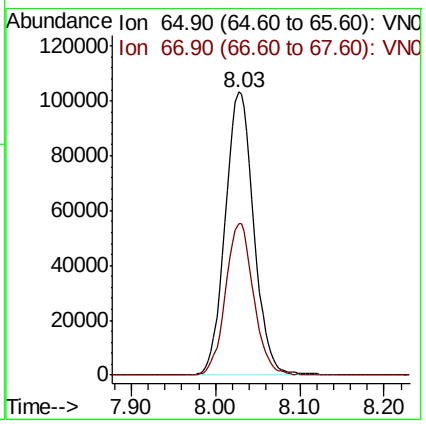


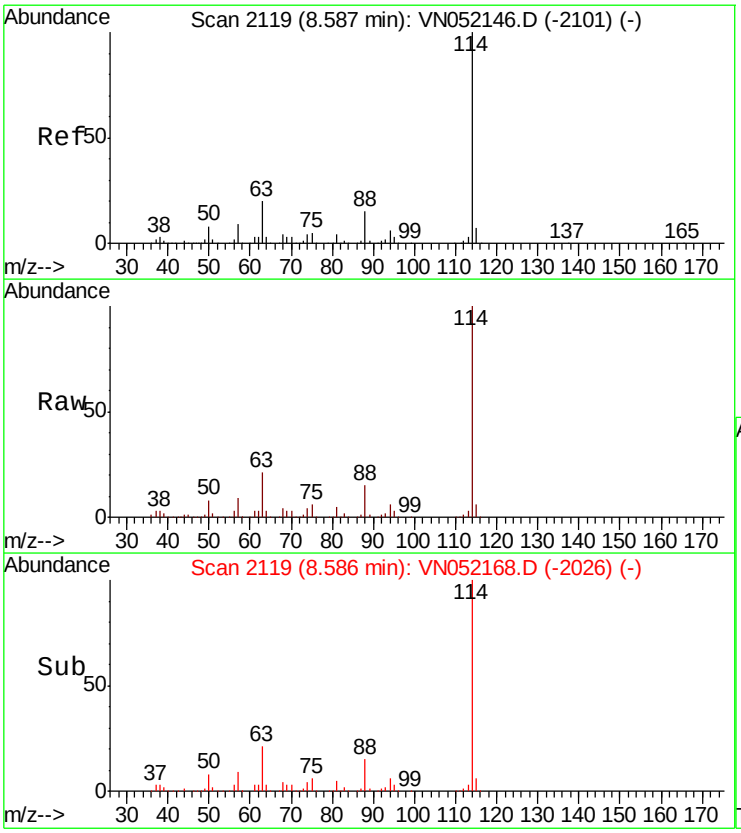
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion: 65 Resp: 243701

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.6

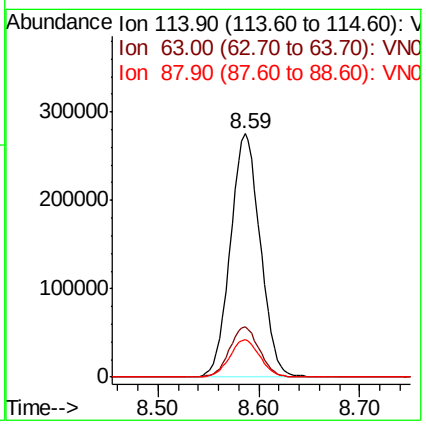


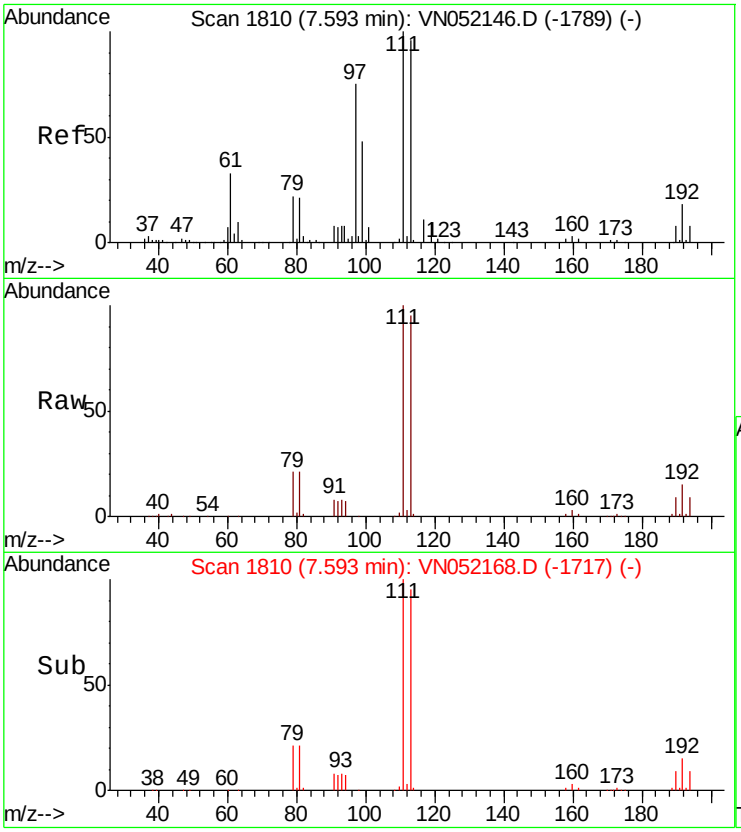


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion:114 Resp: 566308

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	15.3	0.0	31.0



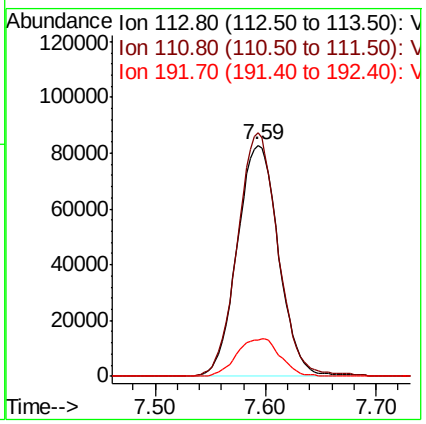


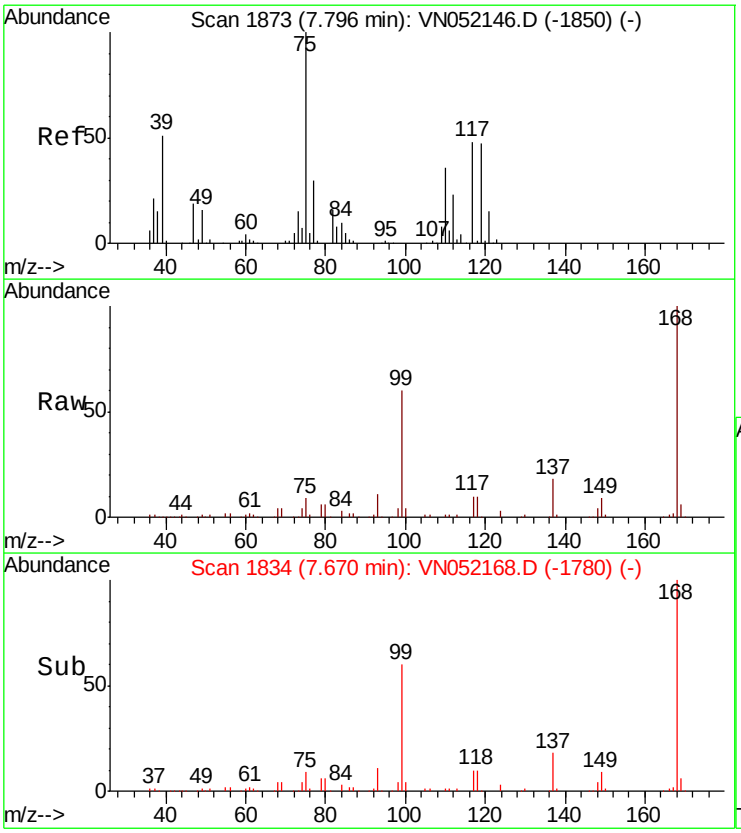
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion:113 Resp: 215071

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.7	122.5
192	17.1	14.2	21.4

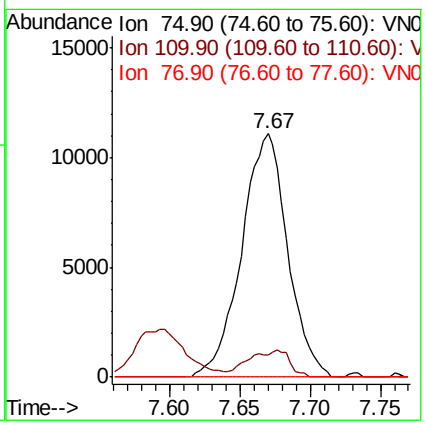


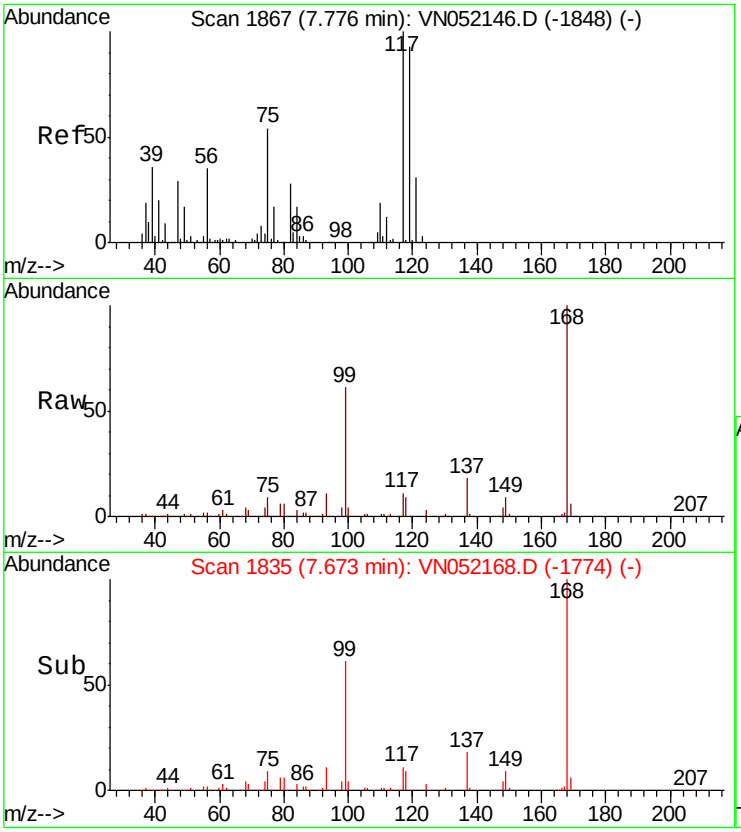


#36
1,1-Dichloropropene
Concen: 5.045 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.13 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 75 Resp: 25275

Ion	Ratio	Lower	Upper
75	100		
110	3.6	17.8	53.5#
77	0.0	24.0	36.0#



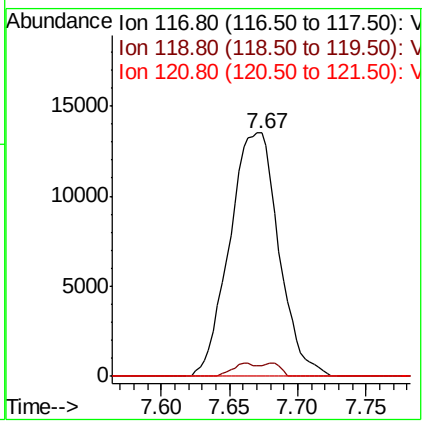


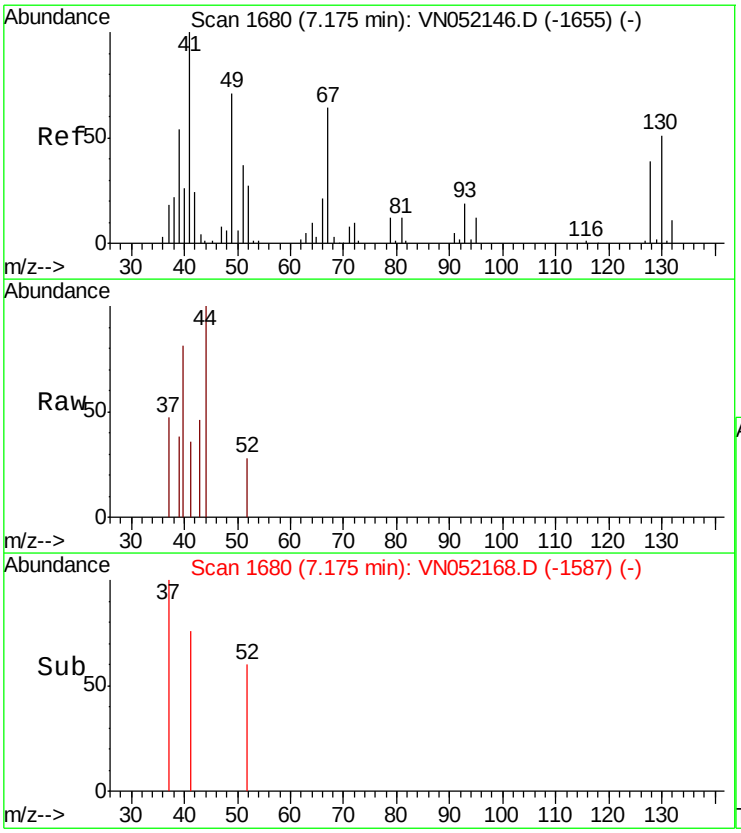
#38
Carbon Tetrachloride
Concen: 6.755 ug/l
RT: 7.67 min Scan# 1835
Delta R.T. -0.10 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument : MSVOA_N
ClientSampleId : JC-03-110218-G

Tgt Ion:117 Resp: 33835

Ion	Ratio	Lower	Upper
117	100		
119	4.5	74.7	112.1#
121	0.0	24.5	36.7#

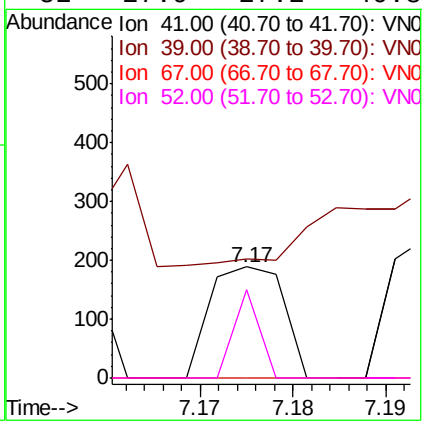


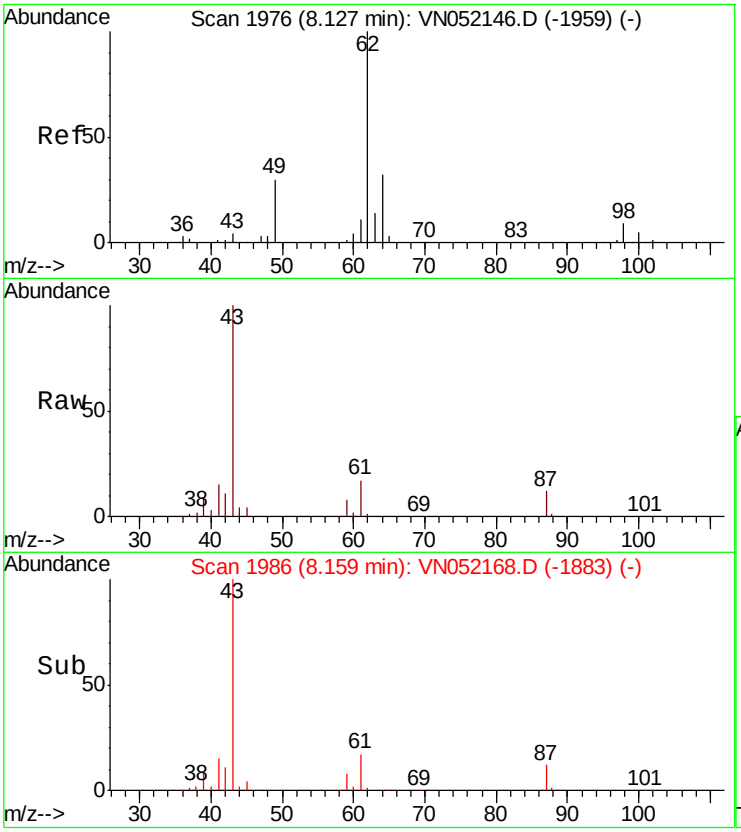


#41
Methacrylonitrile
Concen: 1.453 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 41 Resp: 104

Ion	Ratio	Lower	Upper
41	100		
39	0.0	49.6	74.4#
67	0.0	65.4	98.2#
52	27.9	27.2	40.8



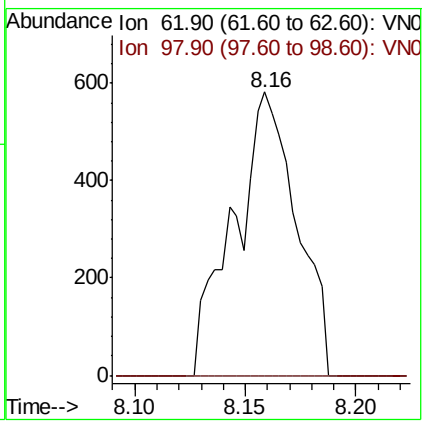


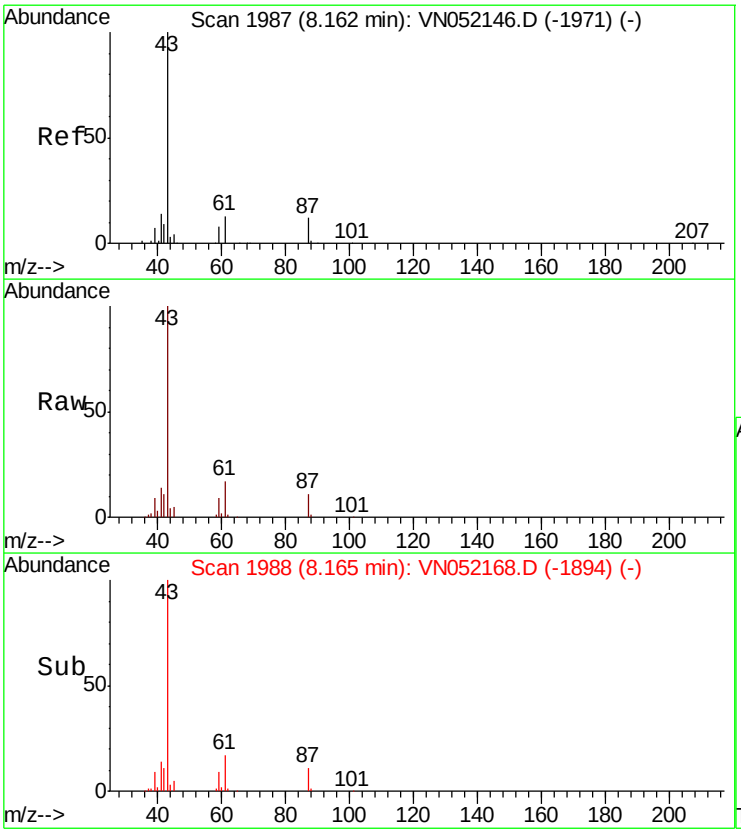
#42
1,2-Dichloroethane
Concen: 0.244 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.03 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion: 62 Resp: 1153

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.2

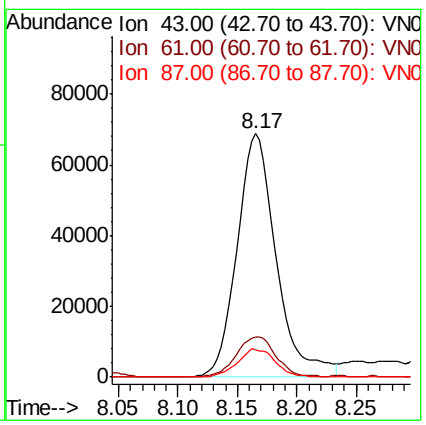


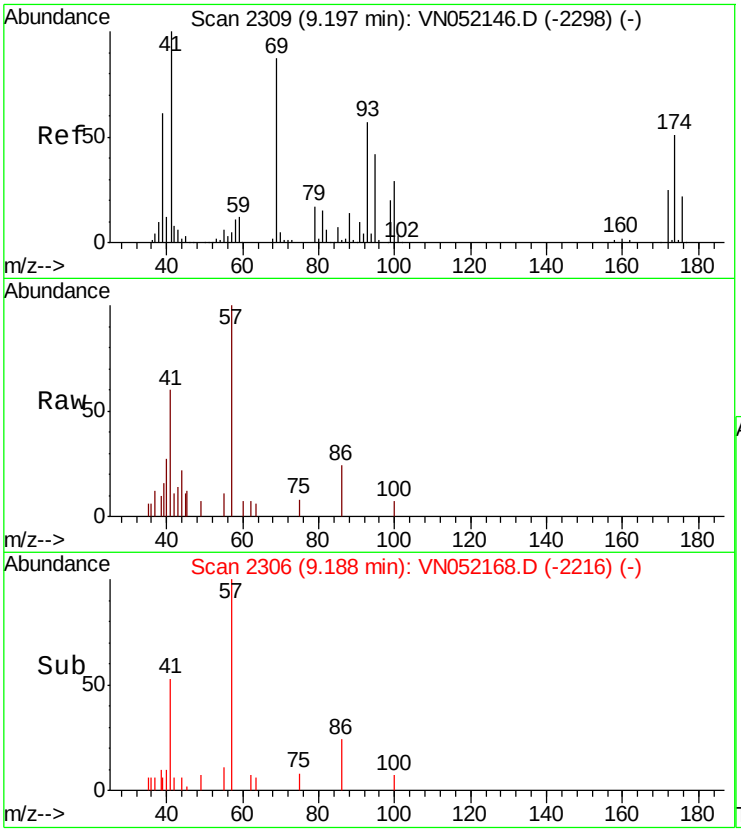


#43
Isopropyl Acetate
Concen: 27.528 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 43 Resp: 157354

Ion	Ratio	Lower	Upper
43	100		
61	16.9	21.5	32.3#
87	11.0	10.2	15.2



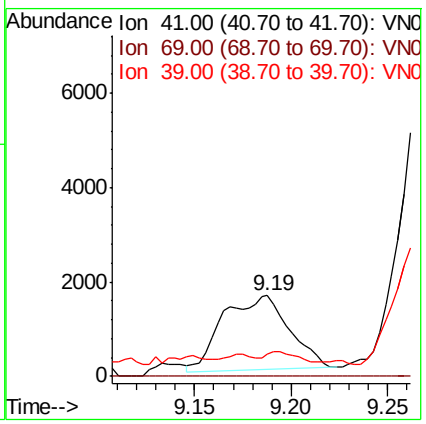


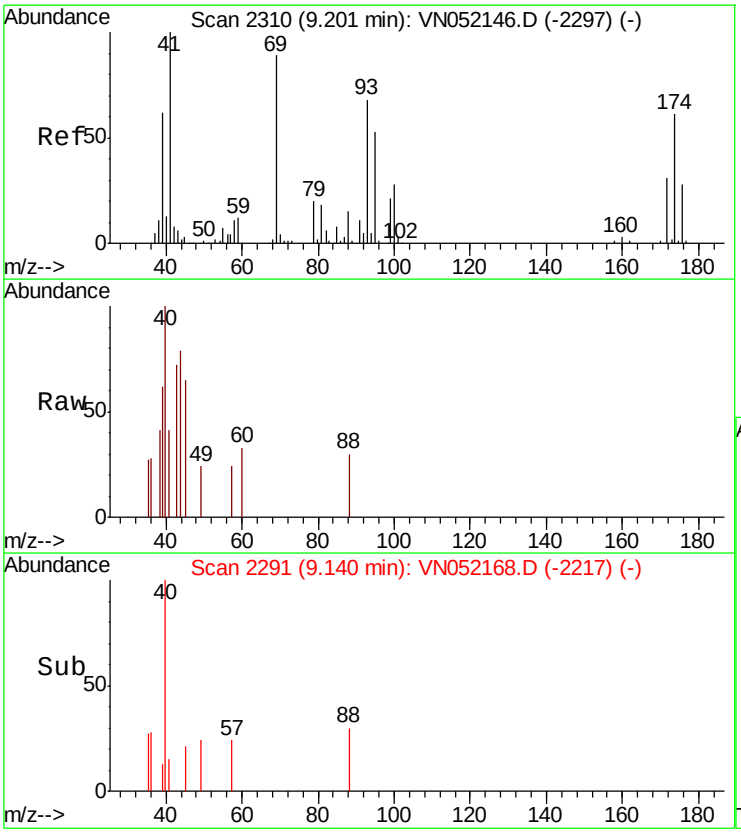
#48
Methyl methacrylate
Concen: 1.375 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument : MSVOA_N
ClientSampleId : JC-03-110218-G

Tgt Ion: 41 Resp: 3782

Ion	Ratio	Lower	Upper
41	100		
69	0.0	69.7	104.5#
39	5.7	50.6	76.0#

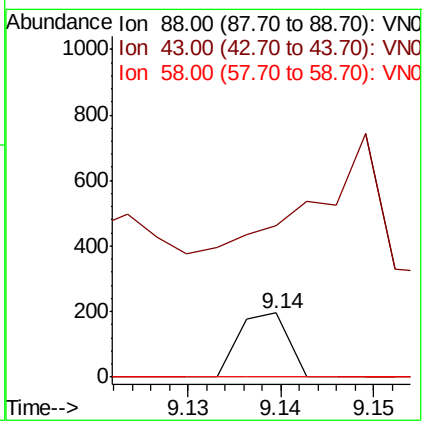


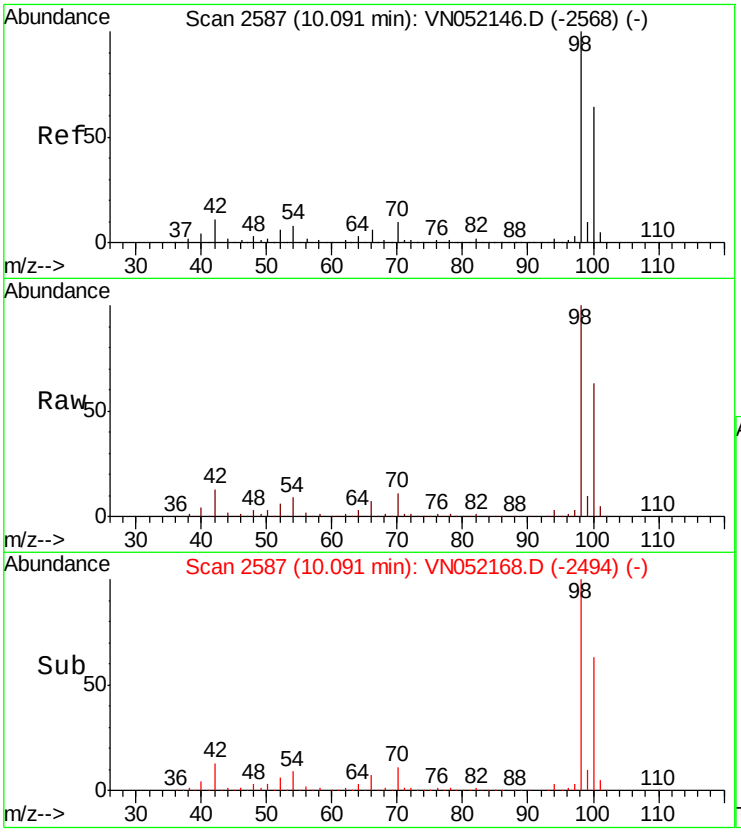


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.14 min Scan# 2291
Delta R.T. -0.06 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	0.0	33.0	49.6#
58	0.0	58.6	88.0#



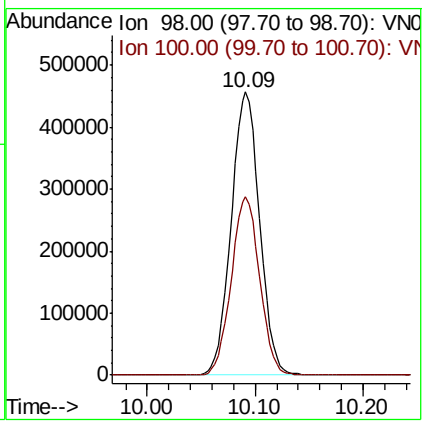


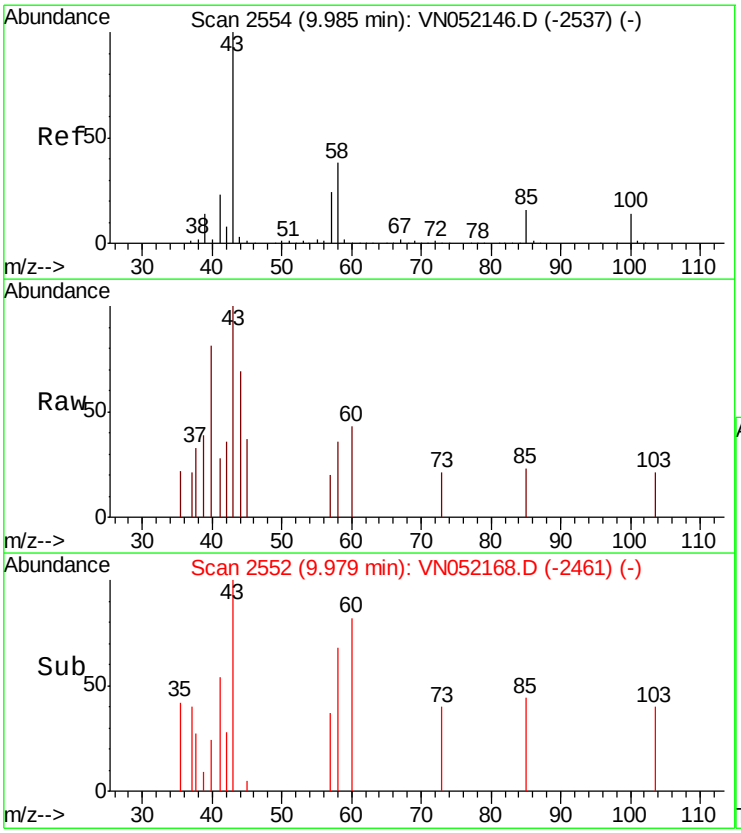
#50
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument : MSVOA_N
ClientSampleId : JC-03-110218-G

Tgt Ion: 98 Resp: 837729

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.5	75.7

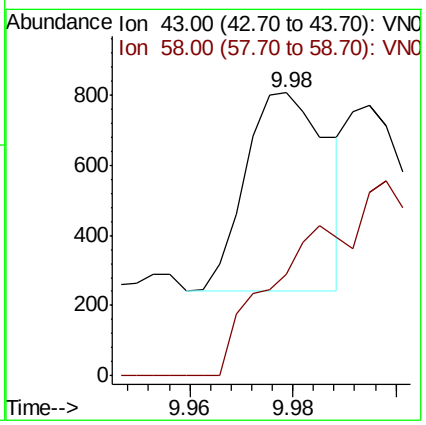


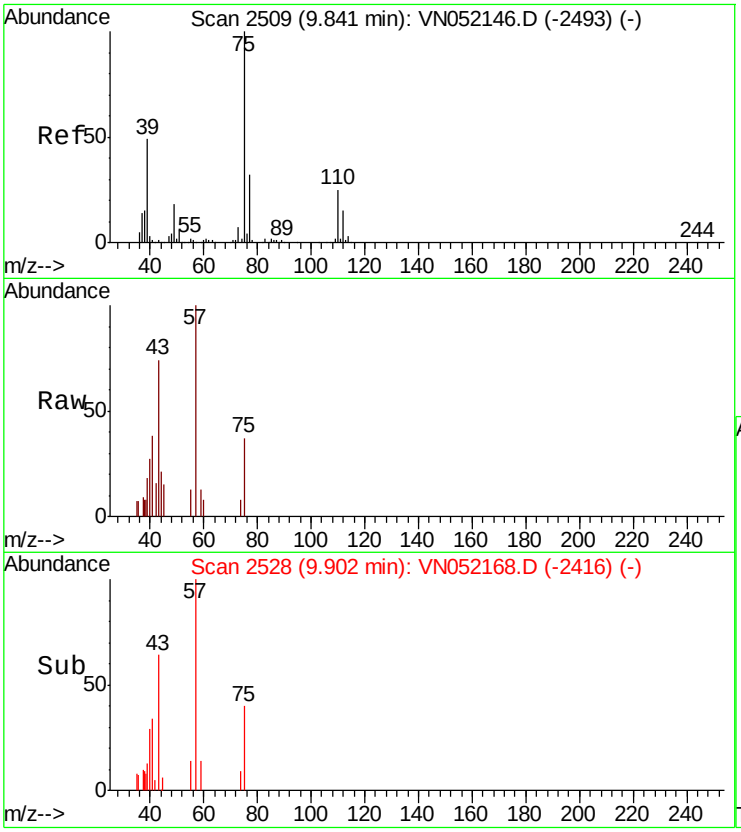


#51
4-Methyl-2-Pentanone
Concen: 0.208 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.01 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 43 Resp: 629

Ion	Ratio	Lower	Upper
43	100		
58	130.4	29.6	44.4#



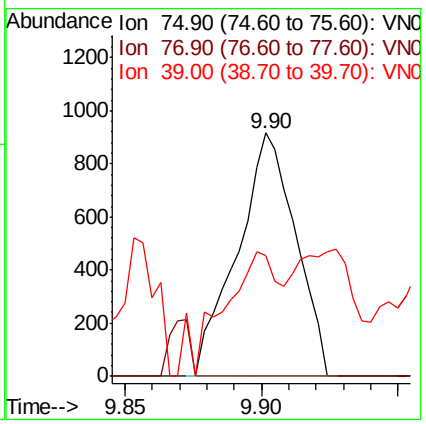


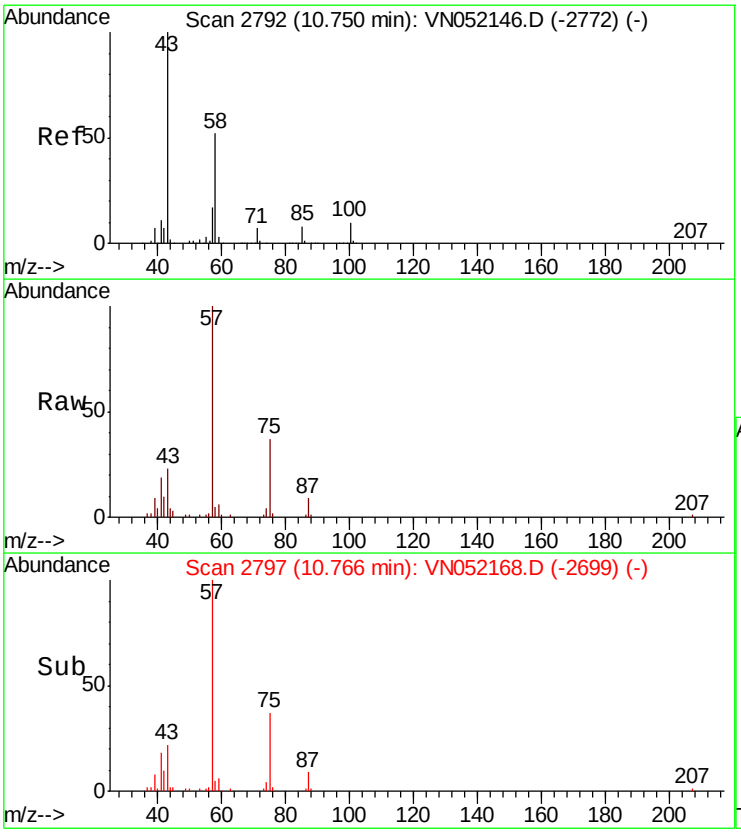
#54
cis-1,3-Dichloropropene
Concen: 0.245 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.06 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument : MSVOA_N
ClientSampleId : JC-03-110218-G

Tgt Ion: 75 Resp: 1359

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#
39	23.6	39.2	58.8#

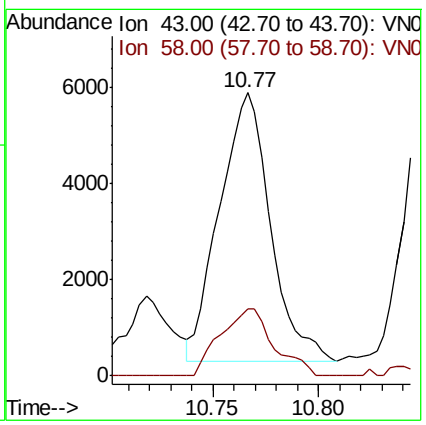


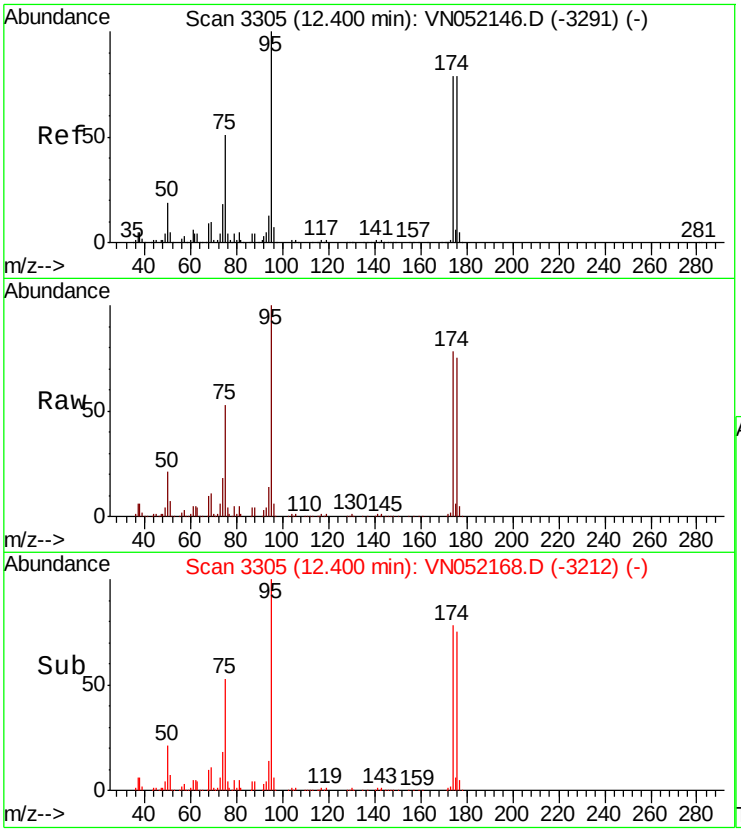


#59
2-Hexanone
Concen: 4.426 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 43 Resp: 9305

Ion	Ratio	Lower	Upper
43	100		
58	26.4	25.8	77.4



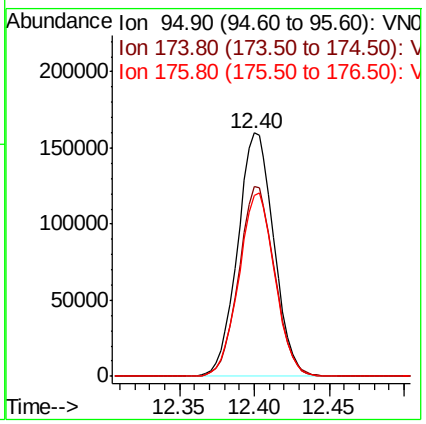


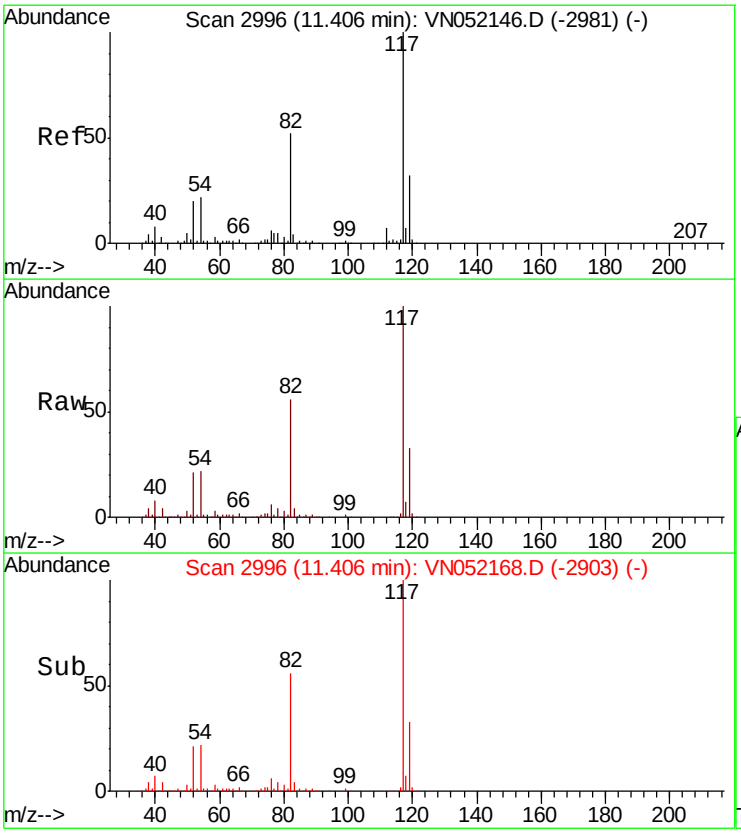
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion: 95 Resp: 269195

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	162.6
176	74.7	0.0	155.4

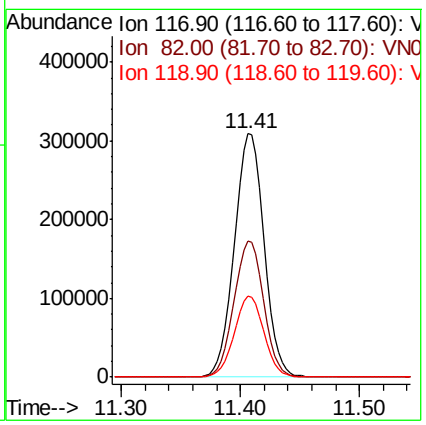


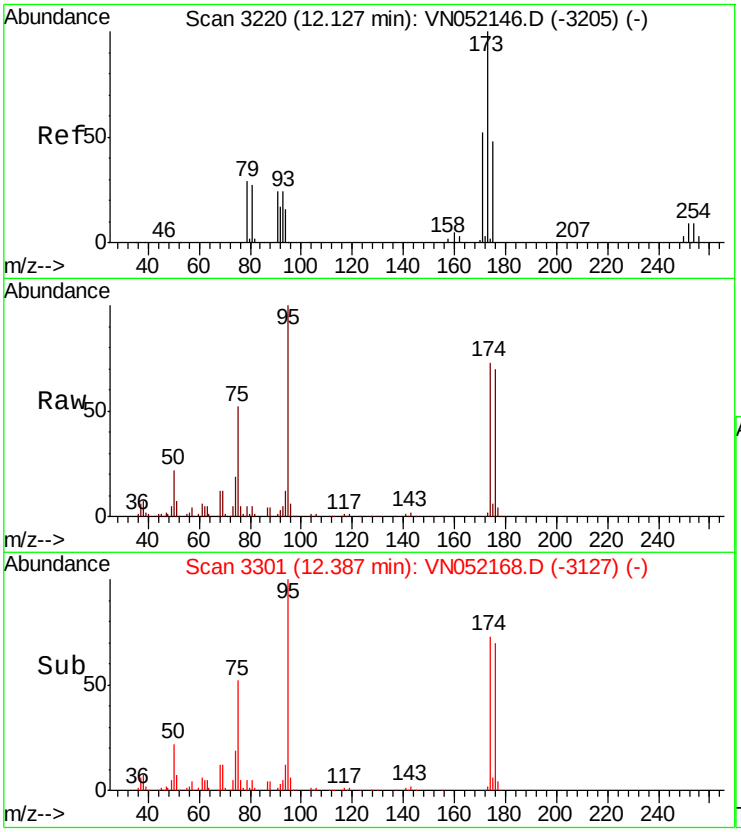


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion:117 Resp: 534301

Ion	Ratio	Lower	Upper
117	100		
82	55.8	41.9	62.9
119	33.3	25.7	38.5



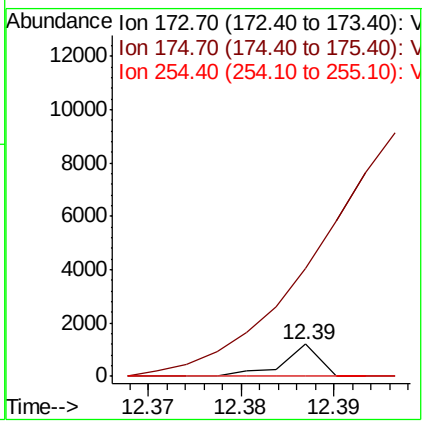


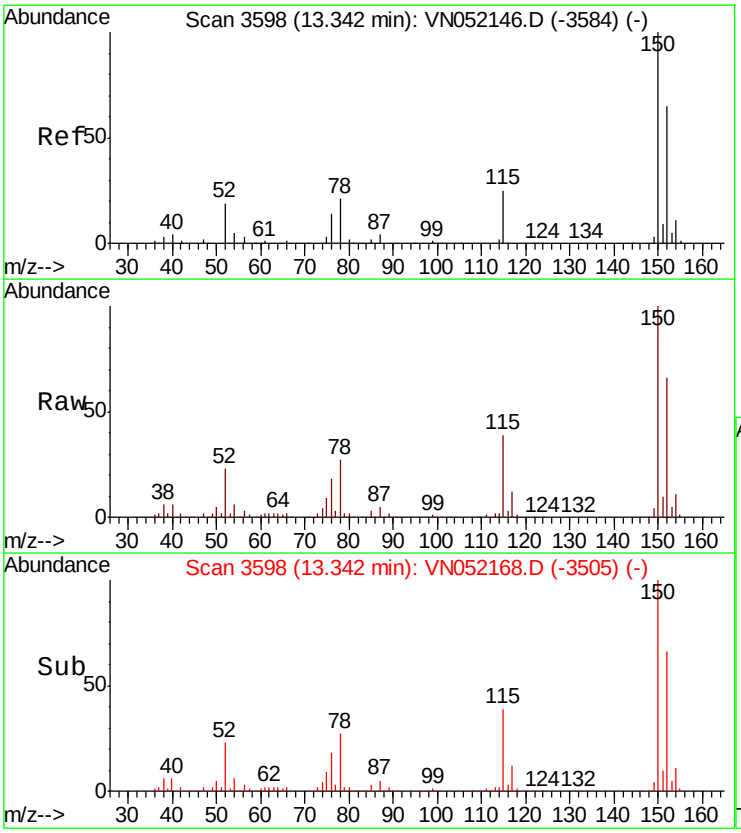
#71
Bromoform
Concen: 2.918 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument : MSVOA_N
ClientSampleId : JC-03-110218-G

Tgt Ion:173 Resp: 318

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	0.0	0.2	0.2#

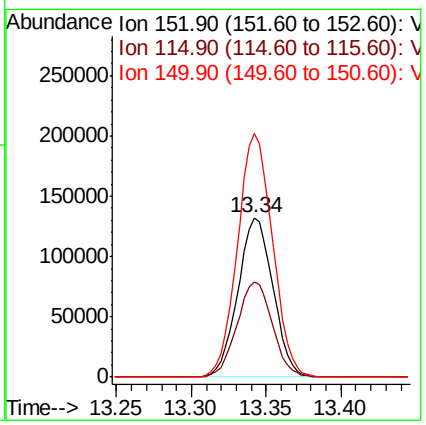


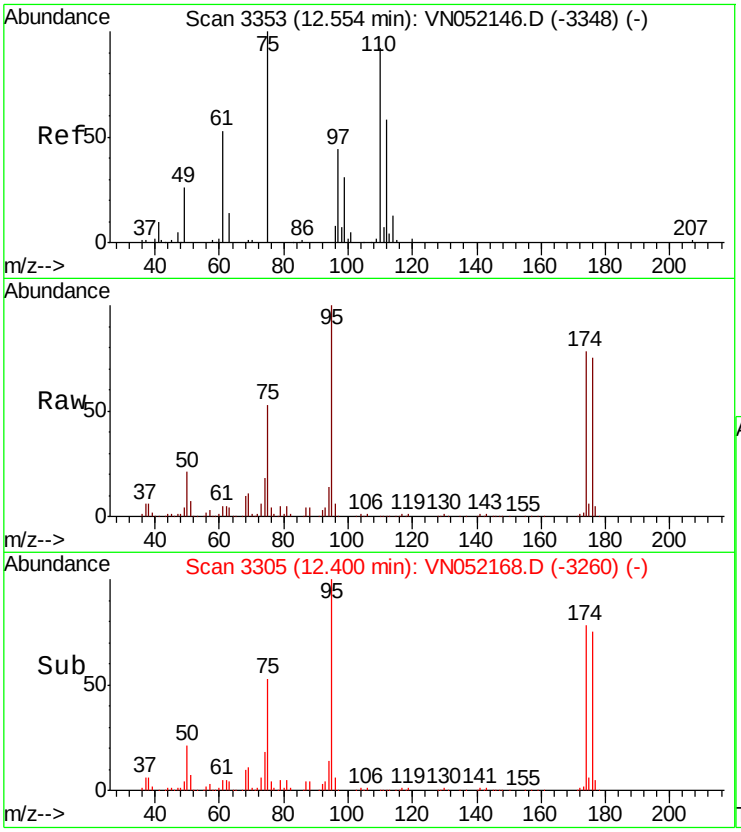


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion:152 Resp: 215636

Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.5	85.5
150	152.6	0.0	348.6



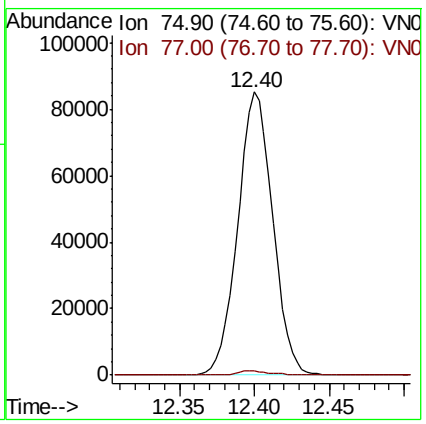


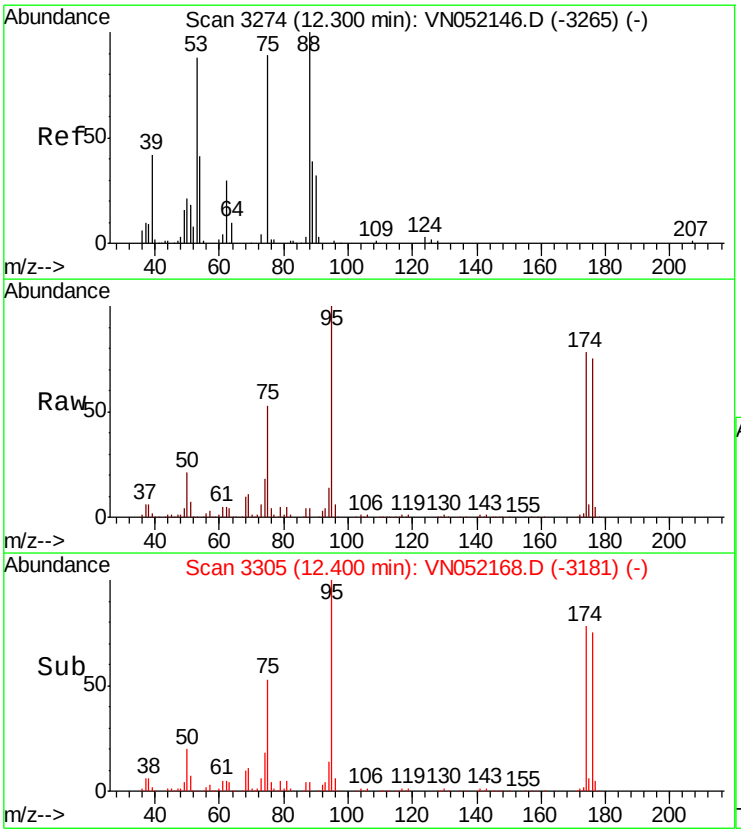
#76
1,2,3-Trichloropropane
Concen: 40.778 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion: 75 Resp: 138382

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

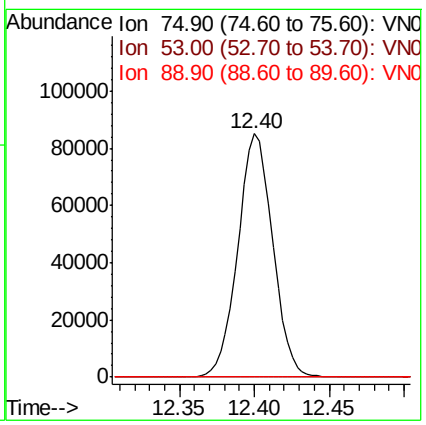


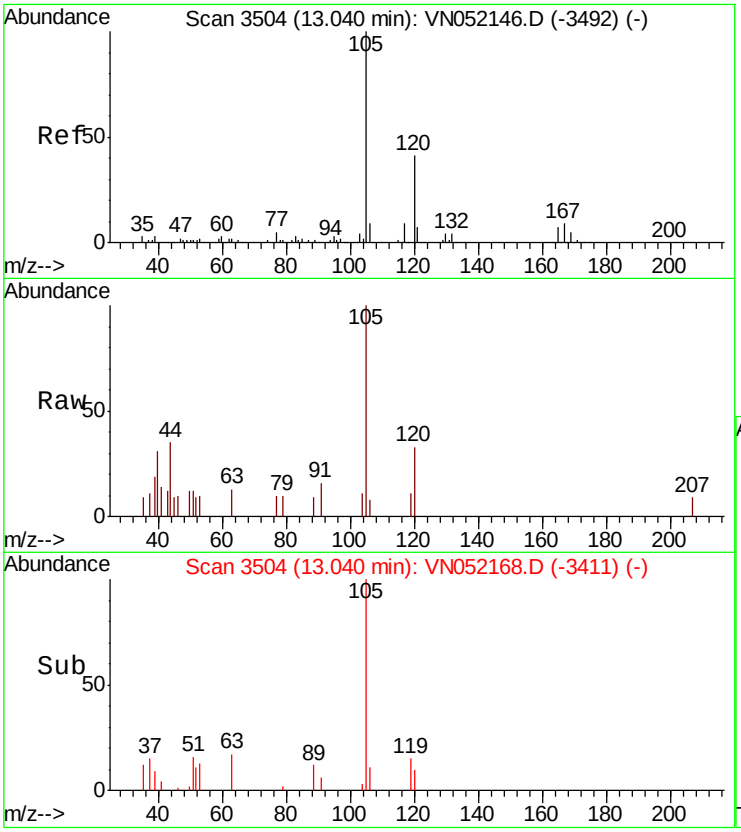


#81
trans-1,4-Dichloro-2-butene
Concen: 146.013 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion: 75 Resp: 138382

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.4	119.0#
89	0.0	35.8	53.8#



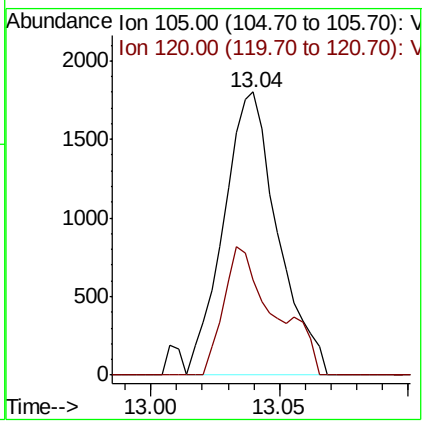


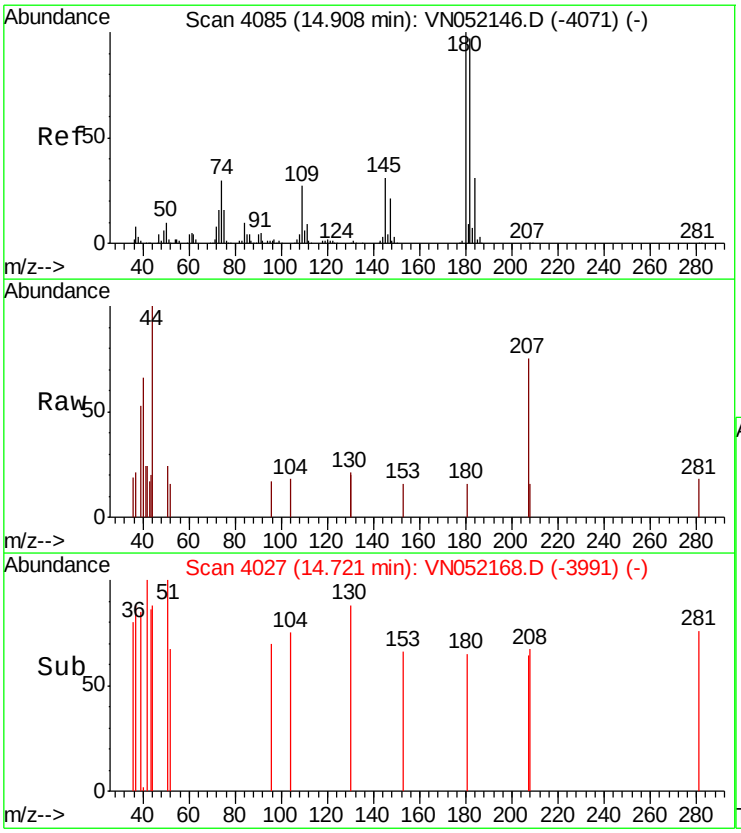
#84
1,2,4-Trimethylbenzene
Concen: 0.201 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion:105 Resp: 2646

Ion	Ratio	Lower	Upper
105	100		
120	42.3	23.2	69.5

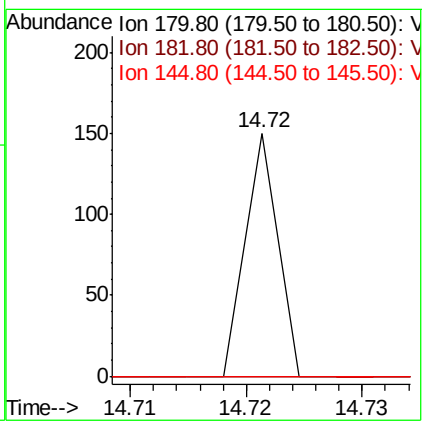


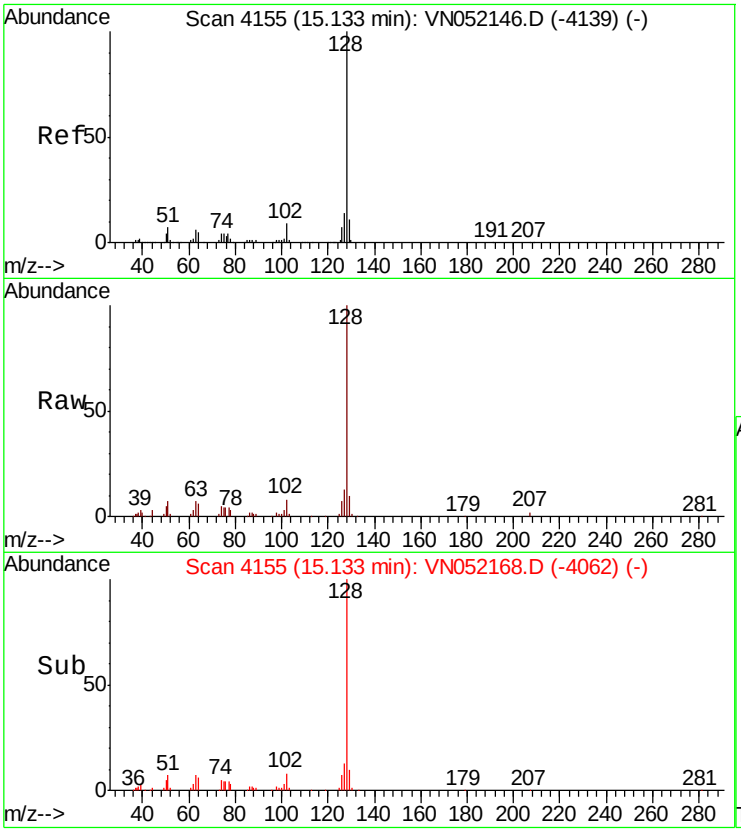


#93
1,2,4-Trichlorobenzene
Concen: 2.245 ug/l
RT: 14.72 min Scan# 4027
Delta R.T. -0.19 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Tgt Ion:180 Resp: 29

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.4#
145	0.0	15.3	45.9#





#95
Naphthalene
Concen: 11.580 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052168.D
Acq: 6 Nov 2018 00:48

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-G

Tgt Ion:128 Resp: 76466

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.0	9.1	13.7