Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110518\
Data File : VN052167.D
Acq On : 6 Nov 2018 00:21
Operator : MD\SY
Sample : J5764-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 28

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

Quant Time: Nov 06 05:18:54 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	321846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	580982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	233871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	254021	66.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 133.12%			
35) Dibromofluoromethane	7.59	113	225971	62.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 125.28%			
50) Toluene-d8	10.09	98	872063	62.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 125.06%			
62) 4-Bromofluorobenzene	12.40	95	288911	63.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 126.22%			
Target Compounds						Qvalue
8) Diethyl Ether	3.41	74	446	0.242	ug/l	90
11) Tert butyl alcohol	4.77	59	153	0.922	ug/l #	79
13) Acrolein	3.59	56	100	32.518	ug/l #	1
16) Acetone	3.82	43	7631	8.825	ug/l #	83
17) Carbon Disulfide	4.06	76	2123	0.251	ug/l #	63
18) Methyl Acetate	4.32	43	1444	0.526	ug/l #	75
20) Methylene Chloride	4.56	84	56850	15.824	ug/l	94
25) 2-Butanone	6.84	43	1464	1.092	ug/l #	70
30) Chloroform	7.38	83	2464	0.401	ug/l #	63
31) Cyclohexane	7.67	56	8889	Below Cal	#	39
36) 1,1-Dichloropropene	7.67	75	27910	5.430	ug/l #	45
37) Ethyl Acetate	6.93	43	137	Below Cal	#	39
38) Carbon Tetrachloride	7.66	117	31423	6.115	ug/l #	17
40) Benzene	8.04	78	8316	0.550	ug/l	91
41) Methacrylonitrile	7.18	41	97	1.448	ug/l #	1
43) Isopropyl Acetate	8.17	43	163216	27.832	ug/l #	87
48) Methyl methacrylate	9.18	41	3713	1.316	ug/l #	19
51) 4-Methyl-2-Pentanone	9.98	43	834	0.269	ug/l #	38
52) Toluene	10.15	92	10331	1.134	ug/l	98
54) cis-1,3-Dichloropropene	9.91	75	1374	0.241	ug/l #	72
67) Ethyl Benzene	11.51	91	5629	0.291	ug/l #	86
68) m/p-Xylenes	11.62	106	6488	0.869	ug/l	98
69) o-Xylene	11.95	106	2724	0.376	ug/l	95
71) Bromoform	12.40	173	3317	3.995	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	152446	41.420	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3051	0.213	ug/l	76
81) trans-1,4-Dichloro-2-buten	12.40	75	152446	148.311	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.04	105	8999	0.632	ug/l	94
93) 1,2,4-Trichlorobenzene	14.90	180	76	2.258	ug/l #	27
95) Naphthalene	15.13	128	60977	8.514	ug/l	98

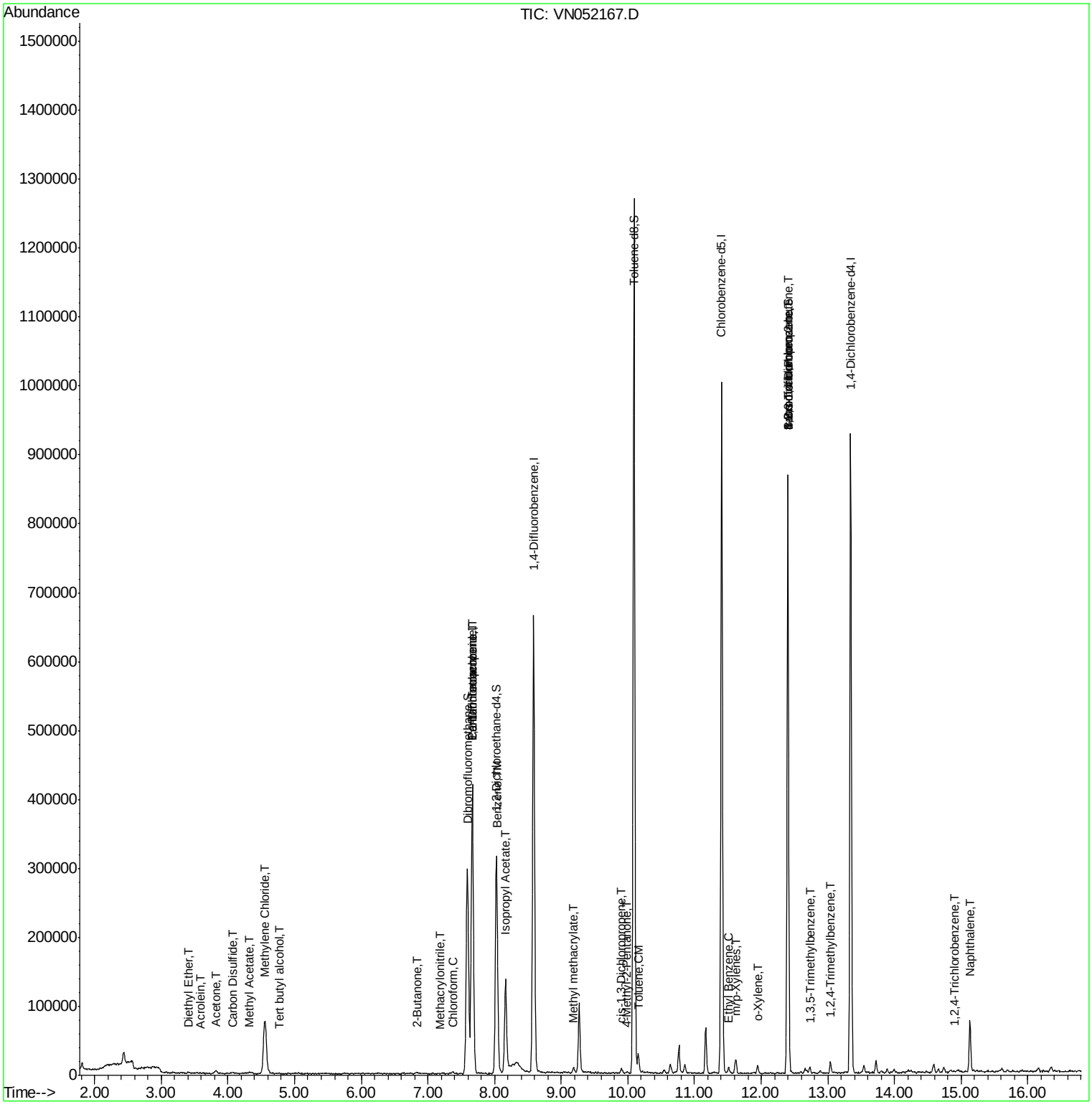
(#) = qualifier out of range (m) = manual integration (+) = signals summed

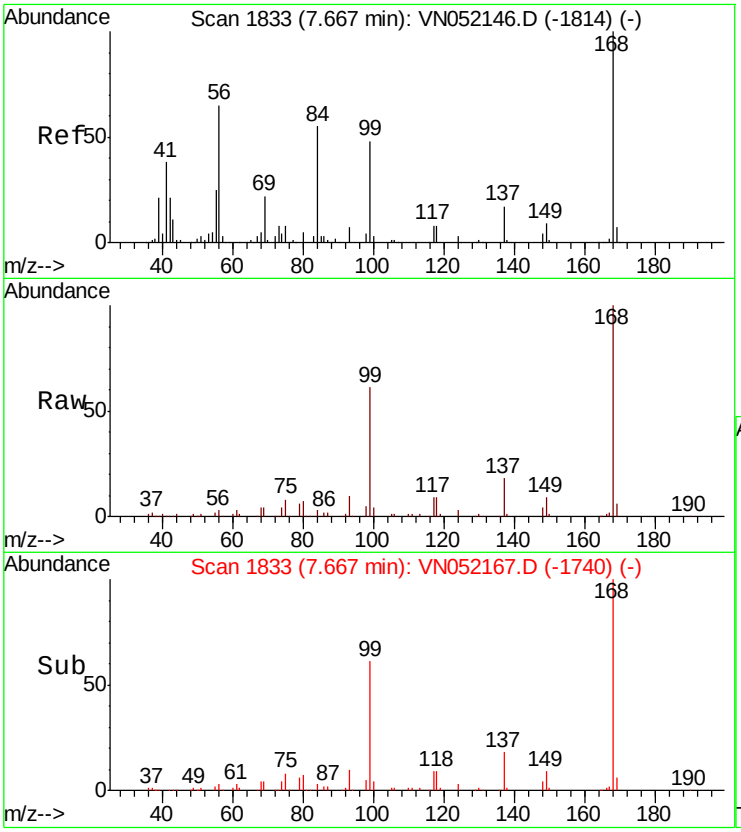
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110518\
Data File : VN052167.D
Acq On : 6 Nov 2018 00:21
Operator : MD\SY
Sample : J5764-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 28

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

Quant Time: Nov 06 05:18:54 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



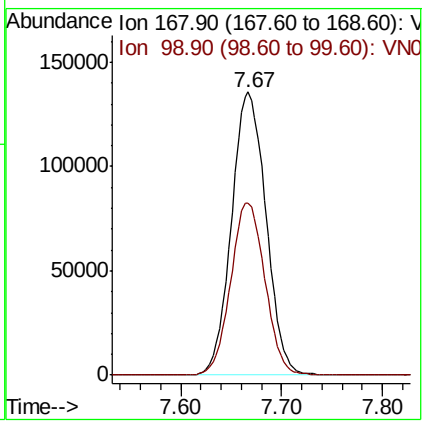


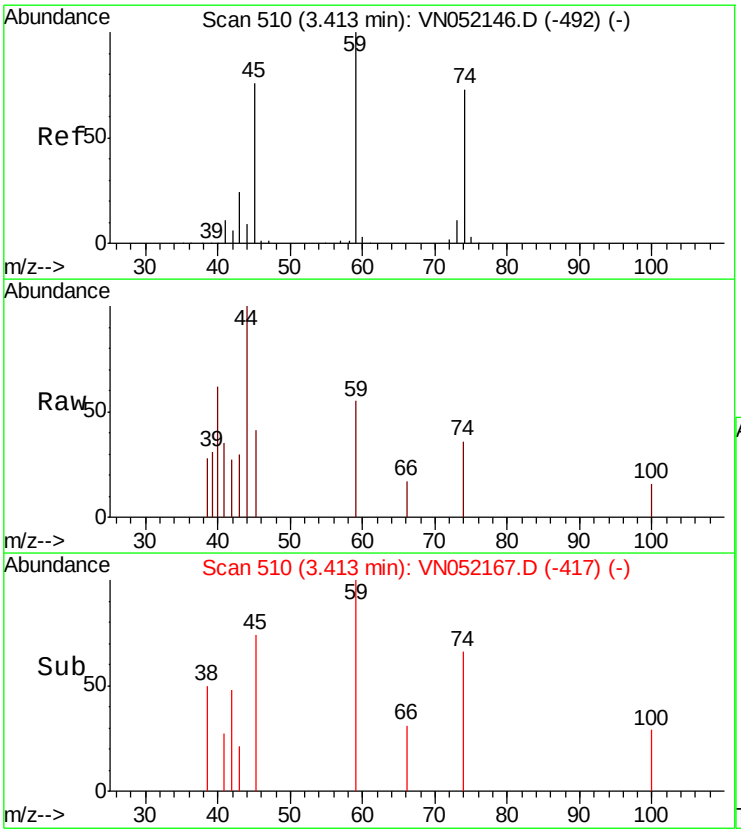
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion:168 Resp: 321846

Ion	Ratio	Lower	Upper
168	100		
99	61.0	45.4	68.2

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

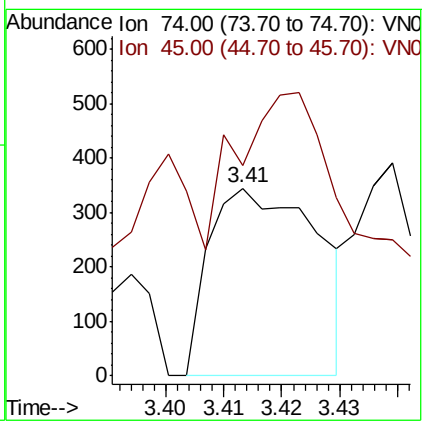


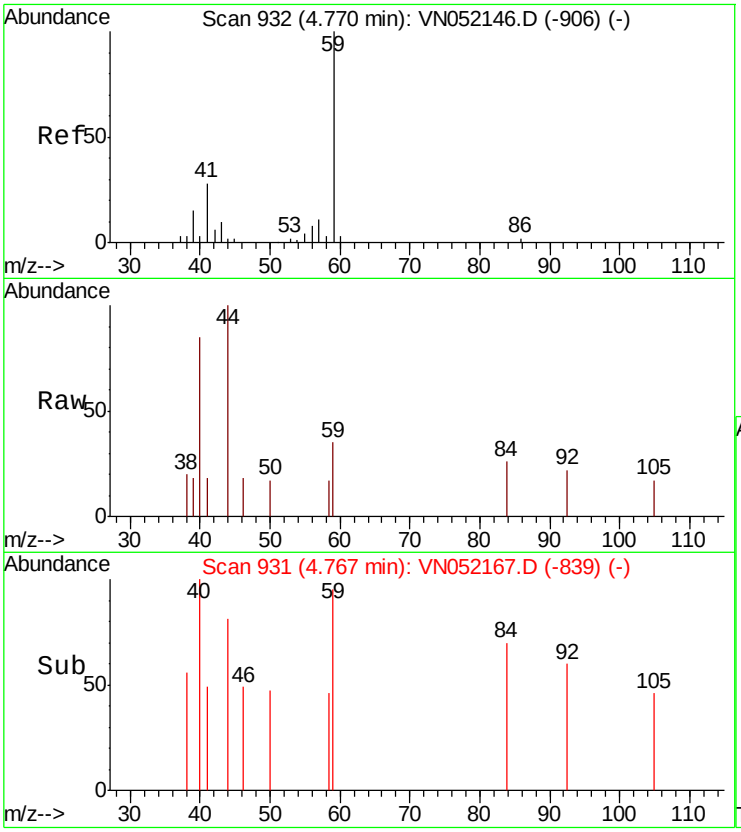


#8
Diethyl Ether
Concen: 0.242 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 74 Resp: 446

Ion	Ratio	Lower	Upper
74	100		
45	88.1	49.1	147.3



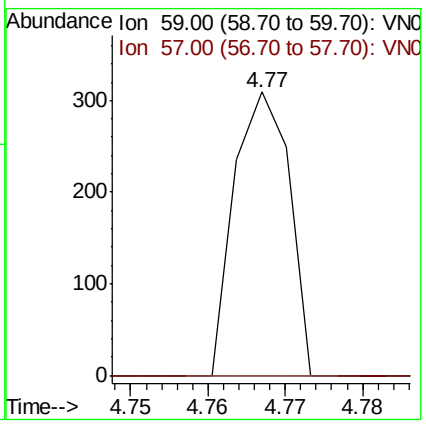


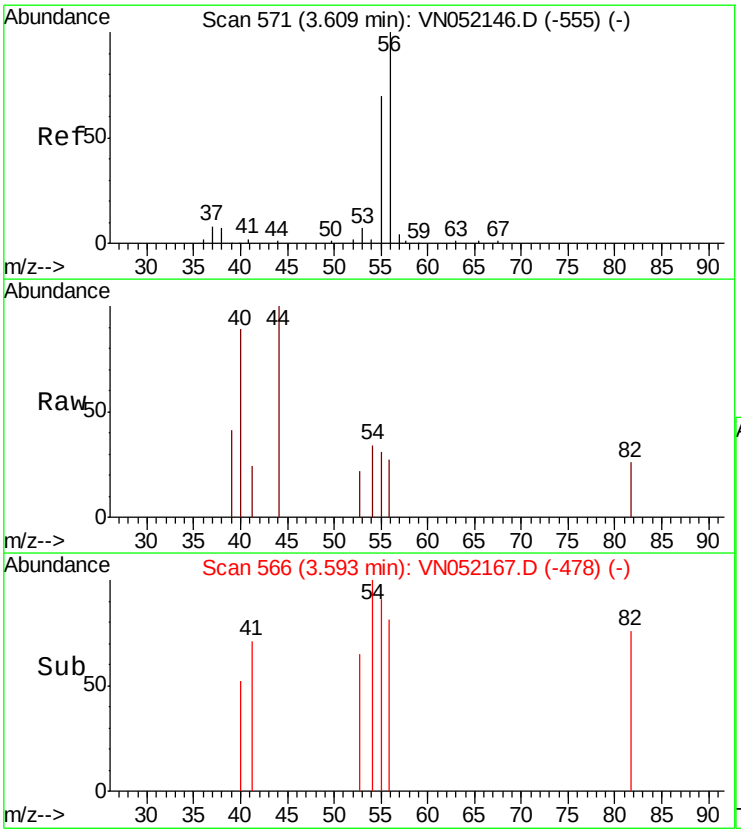
#11
Tert butyl alcohol
Concen: 0.922 ug/l
RT: 4.77 min Scan# 931
Delta R.T. -0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 59 Resp: 153

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.7	8.5#

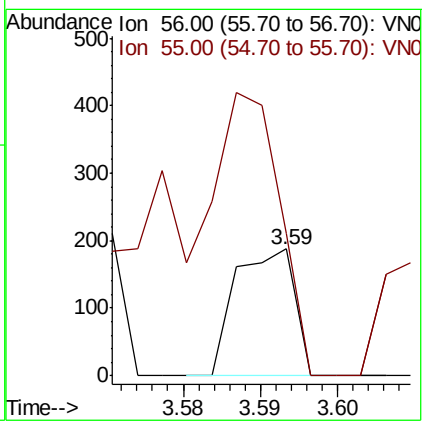


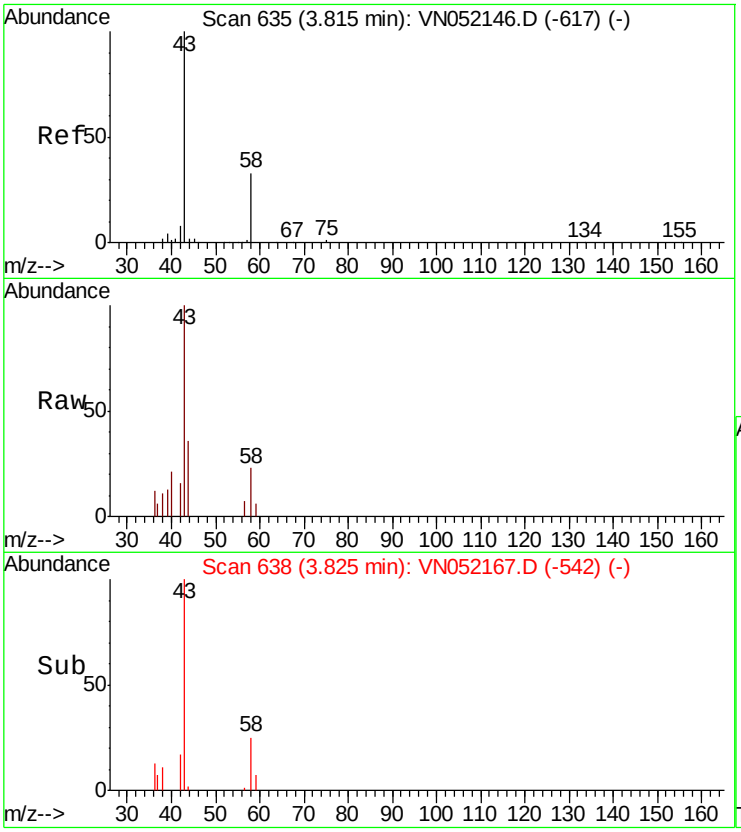


#13
Acrolein
Concen: 32.518 ug/l
RT: 3.59 min Scan# 566
Delta R.T. -0.02 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 56 Resp: 100

Ion	Ratio	Lower	Upper
56	100		
55	376.0	56.6	84.8#



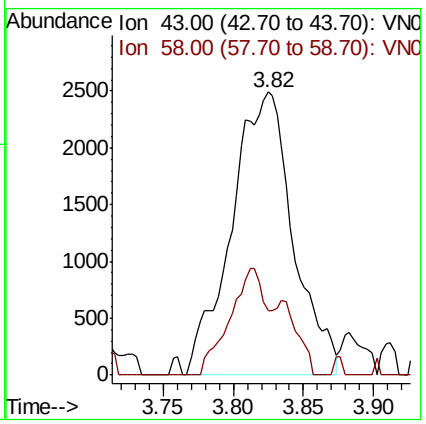


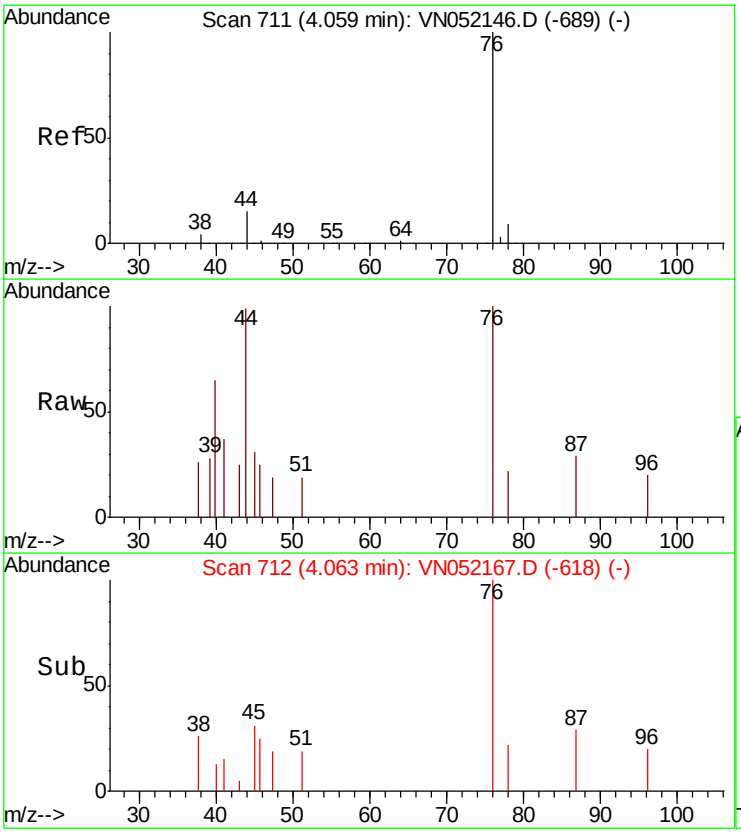
#16
Acetone
Concen: 8.825 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 43 Resp: 7631

Ion	Ratio	Lower	Upper
43	100		
58	22.9	26.2	39.2#

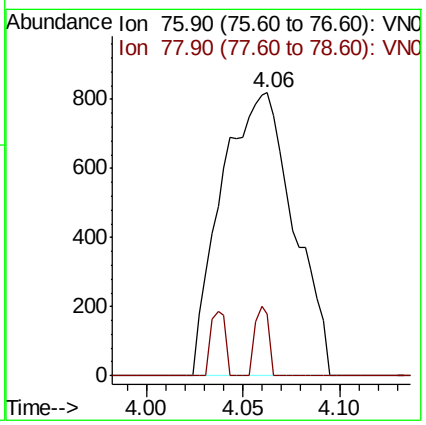


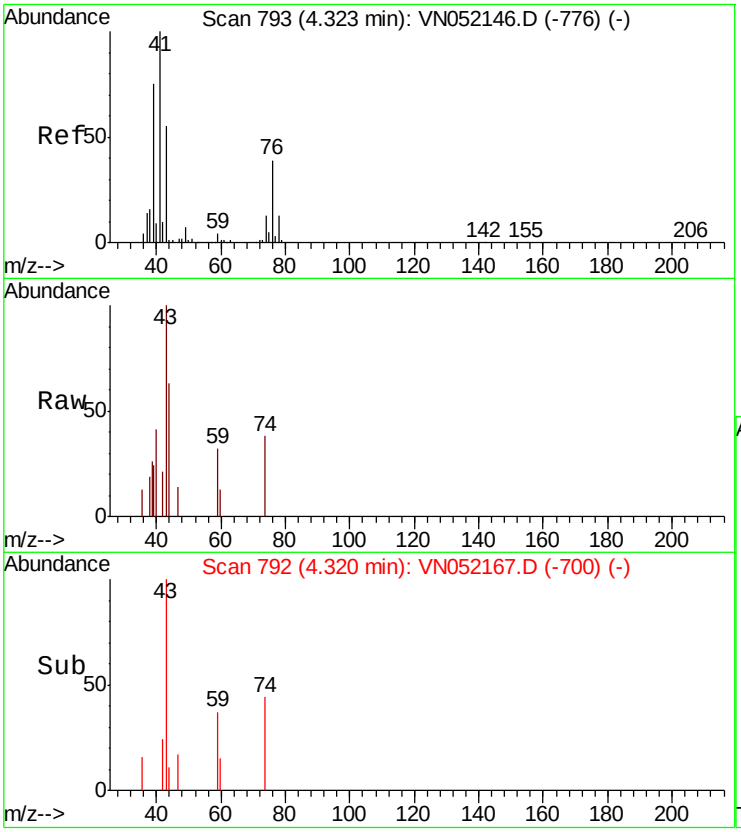


#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 4.06 min Scan# 712
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 76 Resp: 2123

Ion	Ratio	Lower	Upper
76	100		
78	22.0	7.0	10.6#



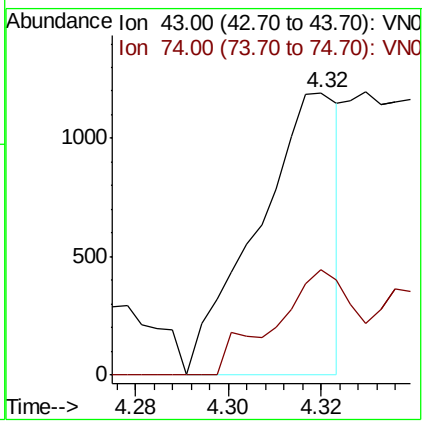


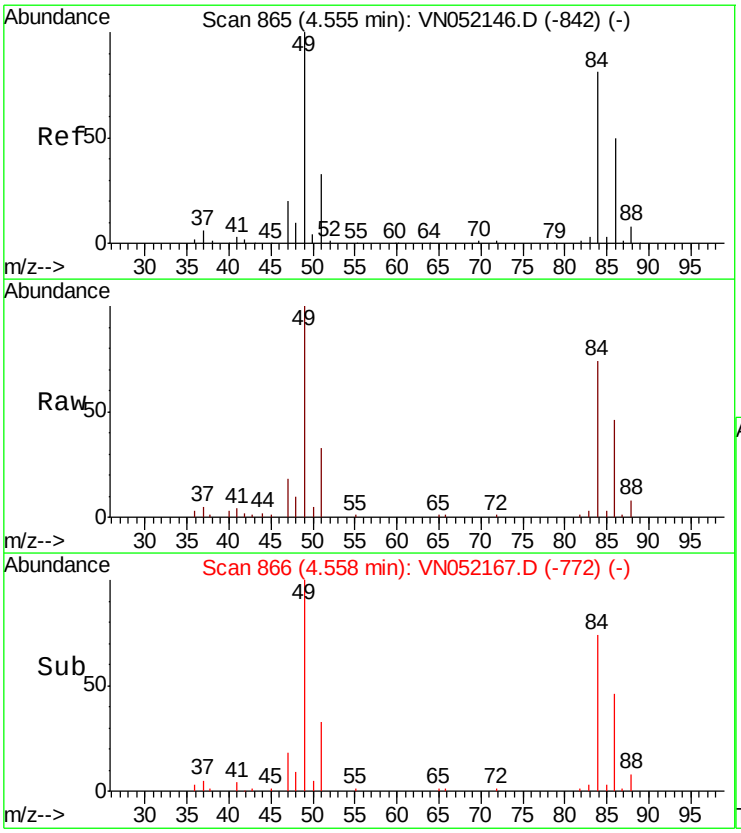
#18
Methyl Acetate
Concen: 0.526 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 43 Resp: 1444

Ion	Ratio	Lower	Upper
43	100		
74	36.6	19.3	28.9#

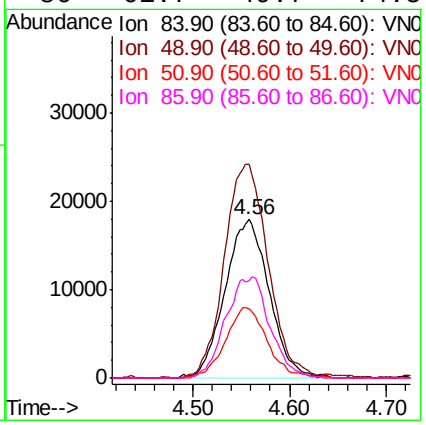


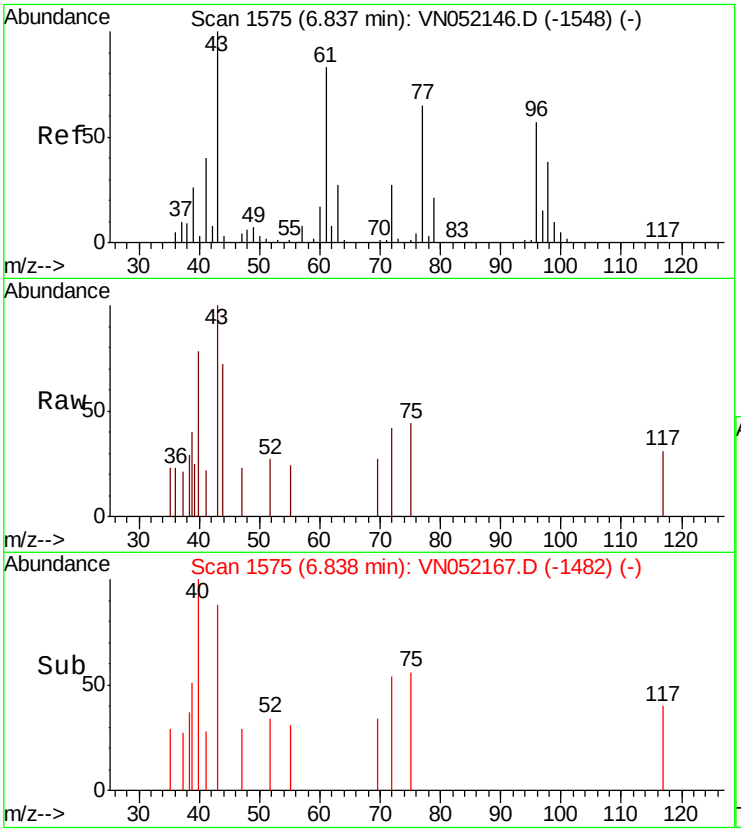


#20
Methylene Chloride
Concen: 15.824 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 84 Resp: 56850

Ion	Ratio	Lower	Upper
84	100		
49	133.6	98.4	147.6
51	43.9	32.5	48.7
86	61.7	49.7	74.5



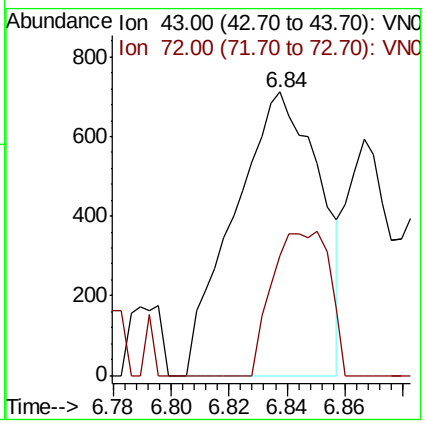


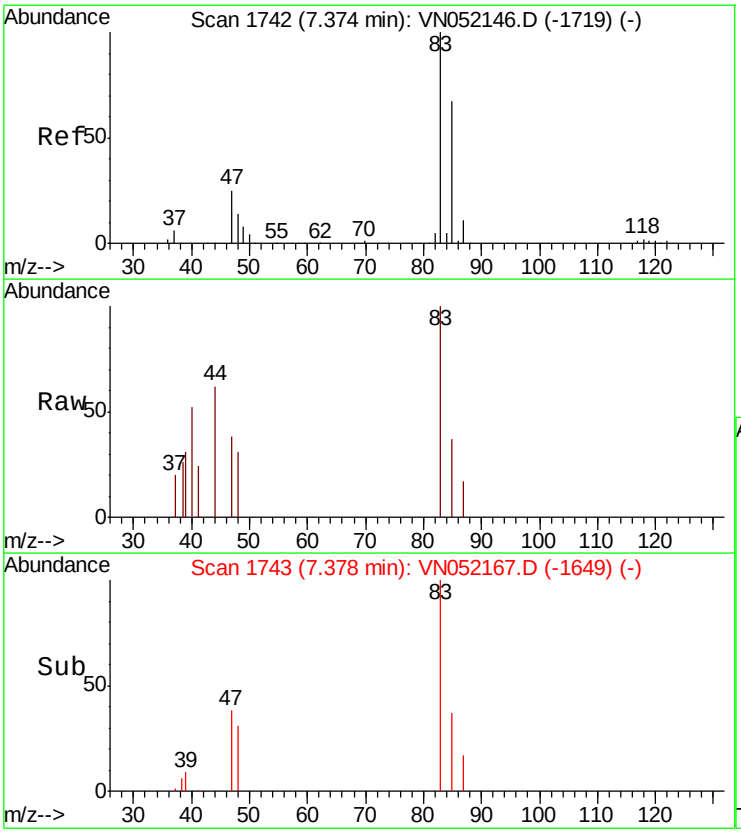
#25
2-Butanone
Concen: 1.092 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 43 Resp: 1464

Ion	Ratio	Lower	Upper
43	100		
72	42.3	21.4	32.2#

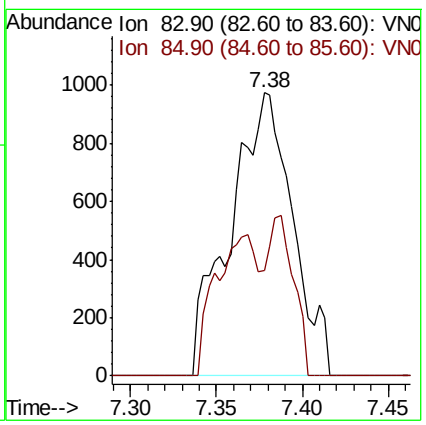


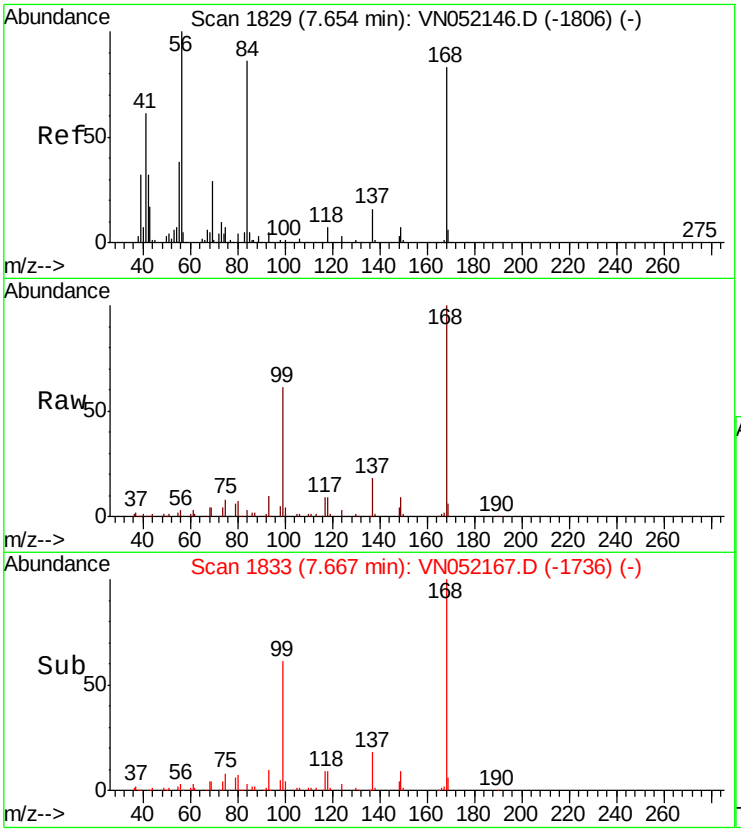


#30
Chloroform
Concen: 0.401 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 83 Resp: 2464

Ion	Ratio	Lower	Upper
83	100		
85	37.3	53.7	80.5#



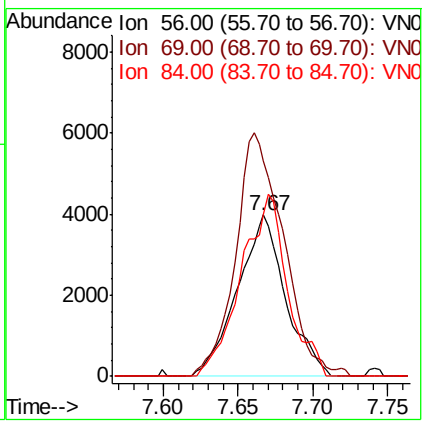


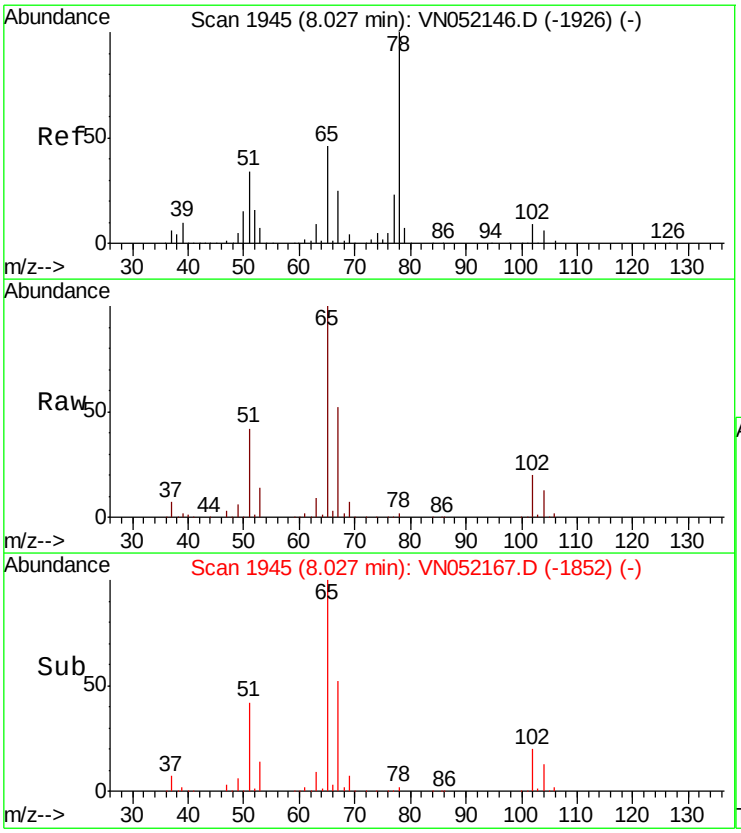
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 56 Resp: 8889

Ion	Ratio	Lower	Upper
56	100		
69	133.4	23.5	35.3#
84	100.2	68.7	103.1

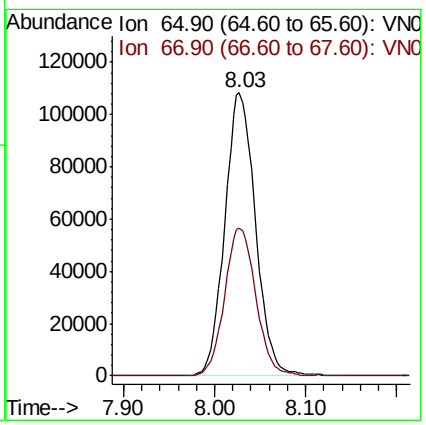


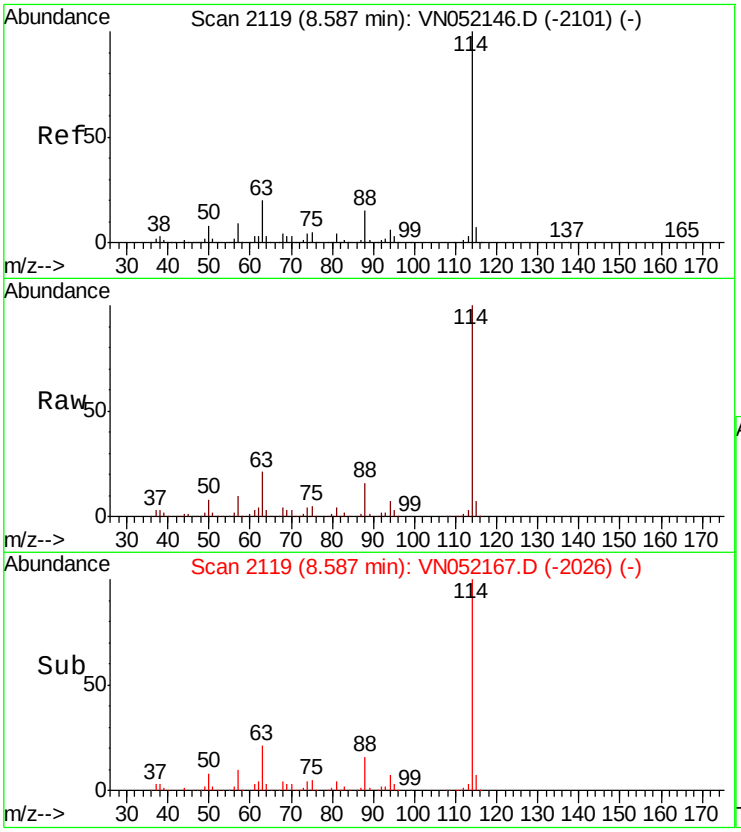


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 65 Resp: 254021

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.6



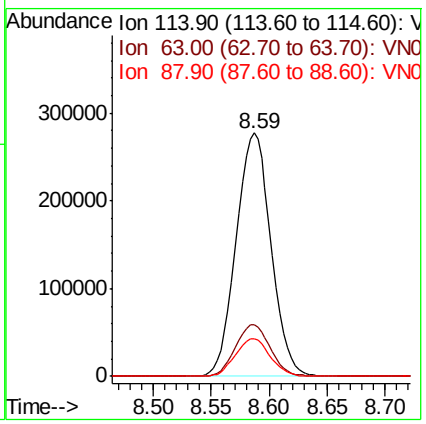


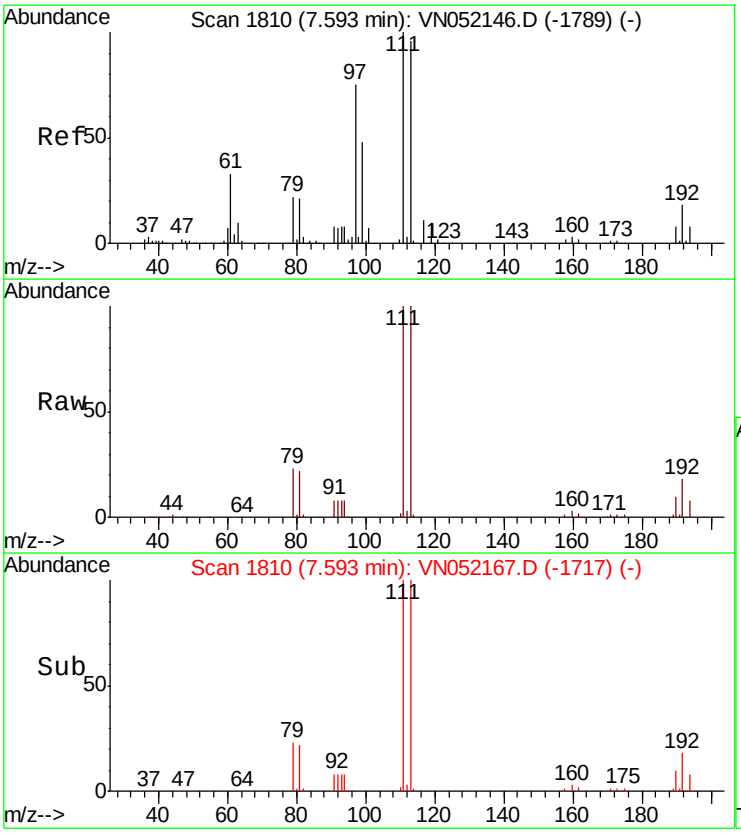
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion:114 Resp: 580982

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.0
88	15.5	0.0	31.0

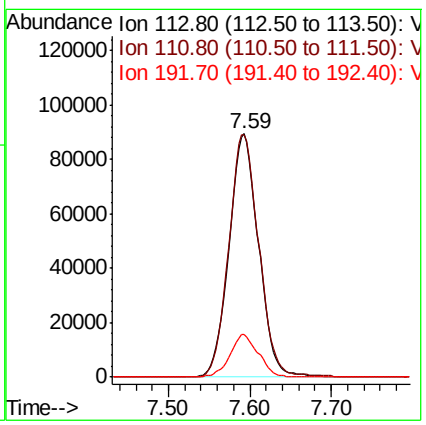


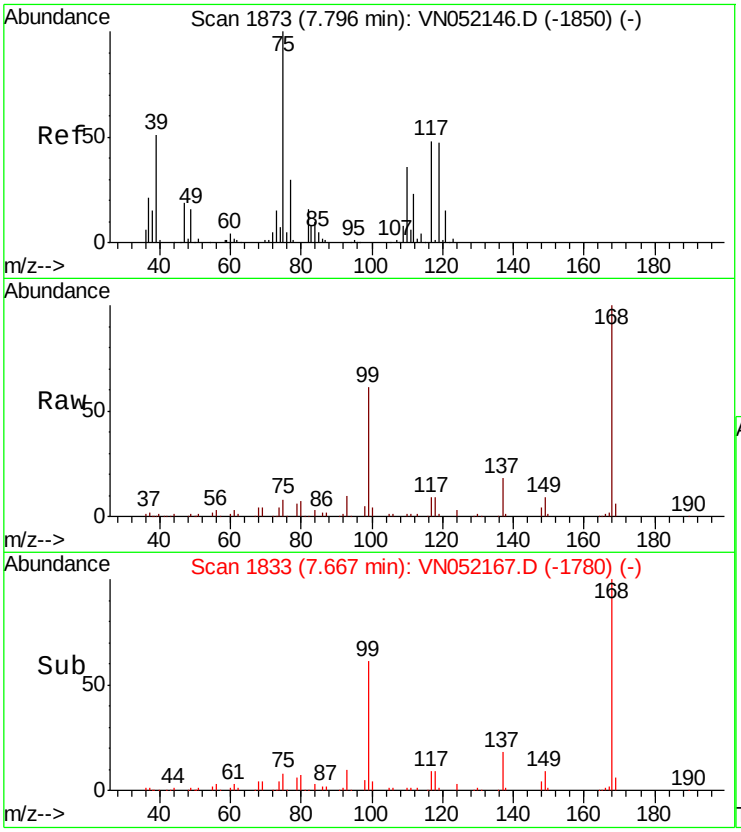


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion:113 Resp: 225971

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	16.7	14.2	21.4



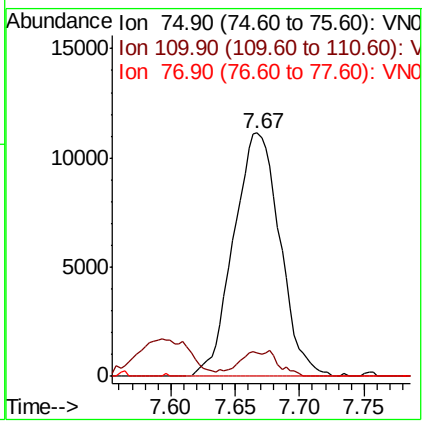


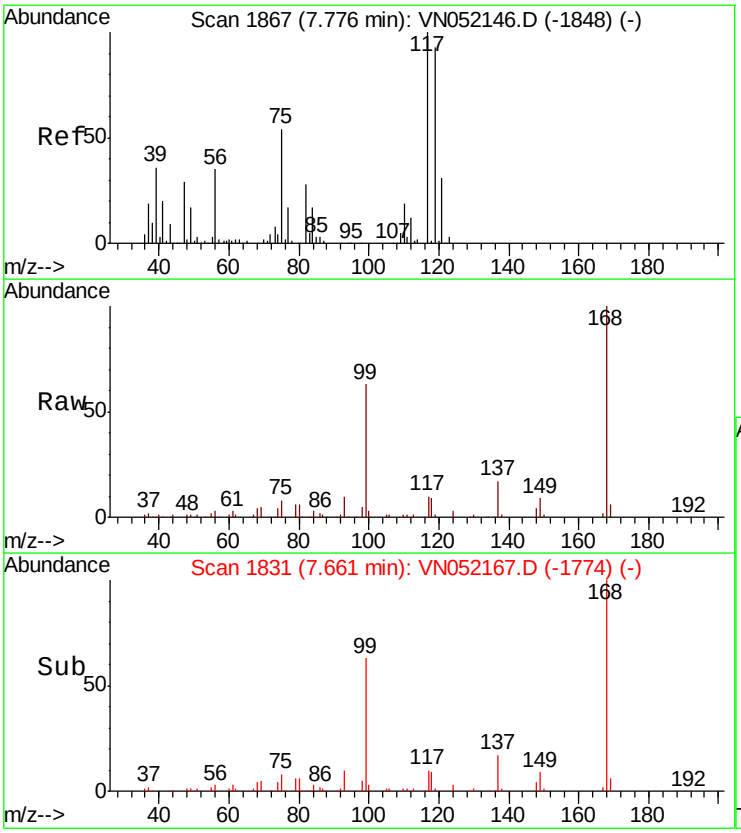
#36
1,1-Dichloropropene
Concen: 5.430 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 75 Resp: 27910

Ion	Ratio	Lower	Upper
75	100		
110	3.8	17.8	53.5#
77	0.0	24.0	36.0#

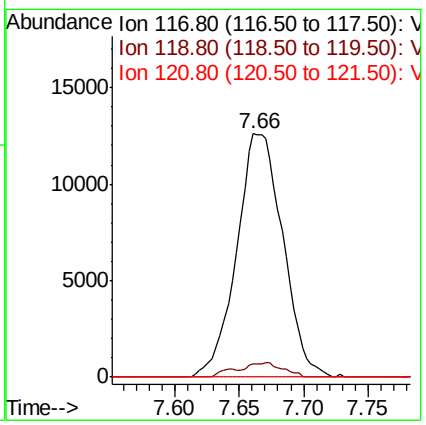


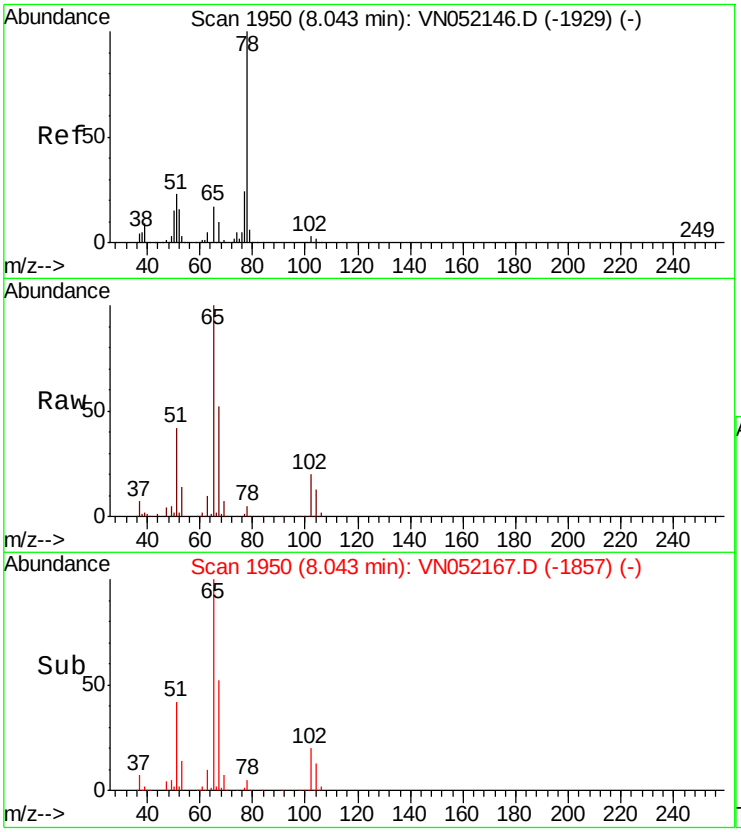


#38
Carbon Tetrachloride
Concen: 6.115 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.12 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion:117 Resp: 31423

Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.7	112.1#
121	0.0	24.5	36.7#



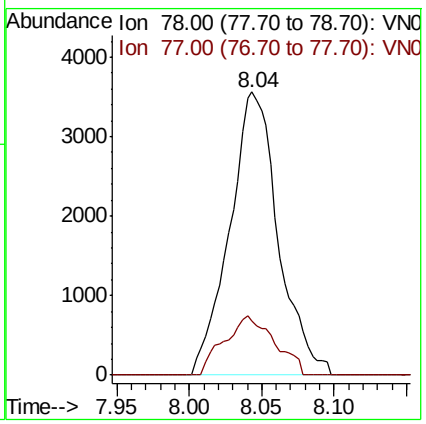


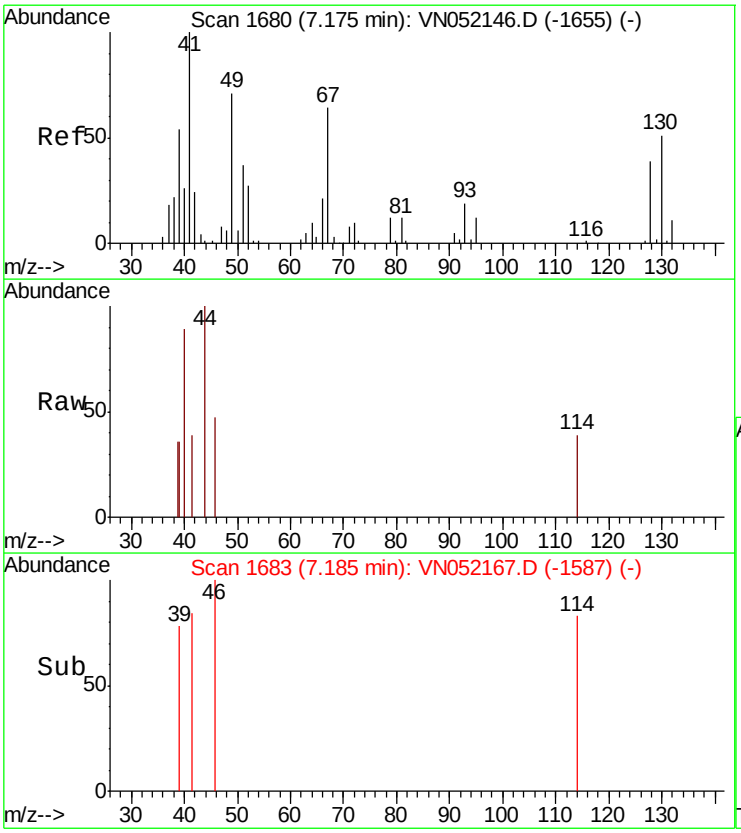
#40
Benzene
Concen: 0.550 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 78 Resp: 8316

Ion	Ratio	Lower	Upper
78	100		
77	19.3	19.1	28.7

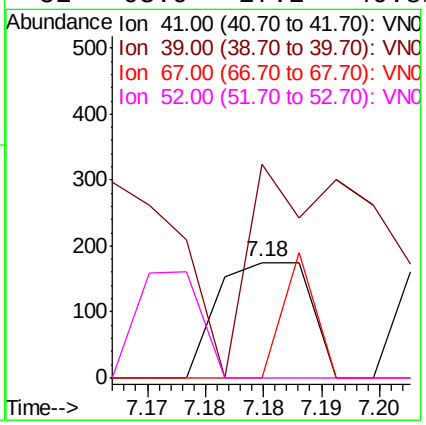


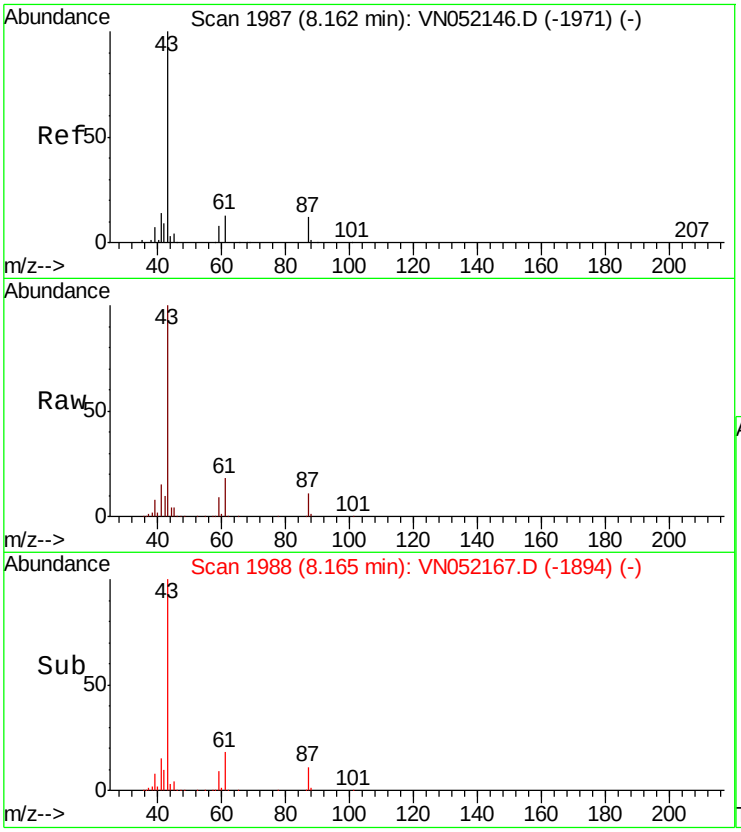


#41
Methacrylonitrile
Concen: 1.448 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 41 Resp: 97

Ion	Ratio	Lower	Upper
41	100		
39	258.8	49.6	74.4#
67	38.1	65.4	98.2#
52	63.9	27.2	40.8#



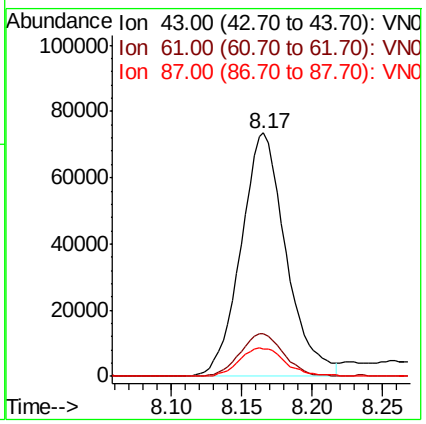


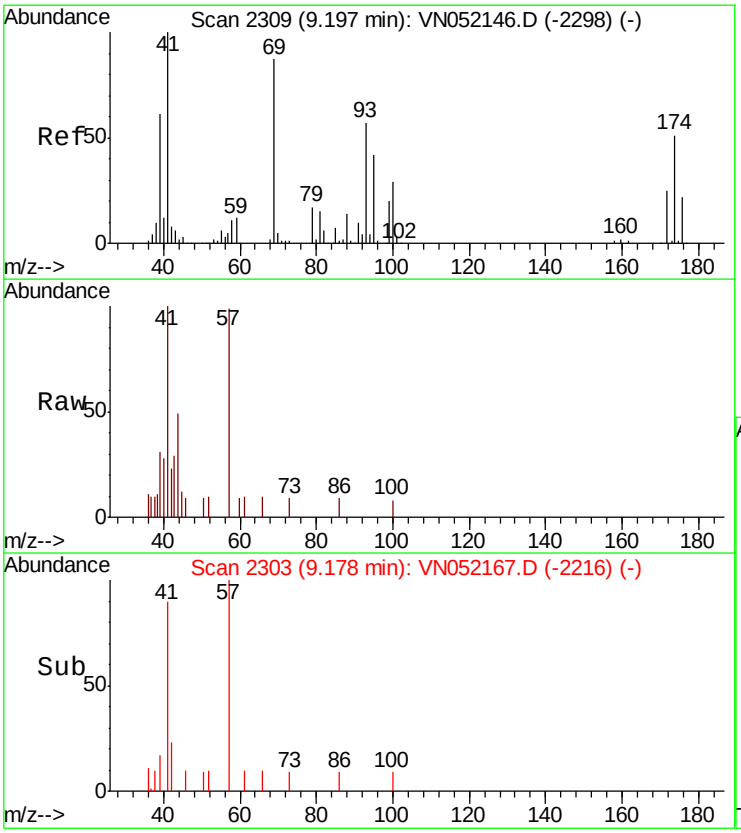
#43
Isopropyl Acetate
Concen: 27.832 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 43 Resp: 163216

Ion	Ratio	Lower	Upper
43	100		
61	17.2	21.5	32.3#
87	12.0	10.2	15.2

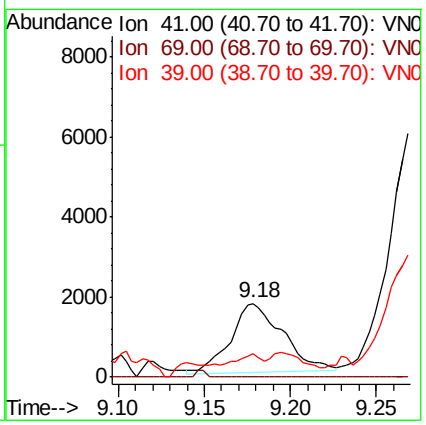


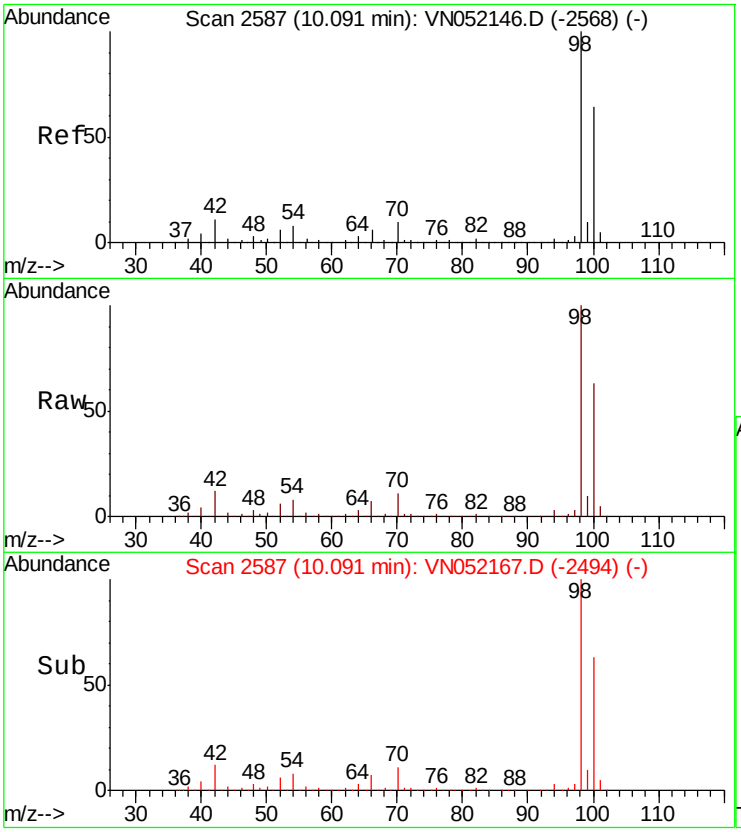


#48
Methyl methacrylate
Concen: 1.316 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 41 Resp: 3713

Ion	Ratio	Lower	Upper
41	100		
69	0.0	69.7	104.5#
39	14.5	50.6	76.0#



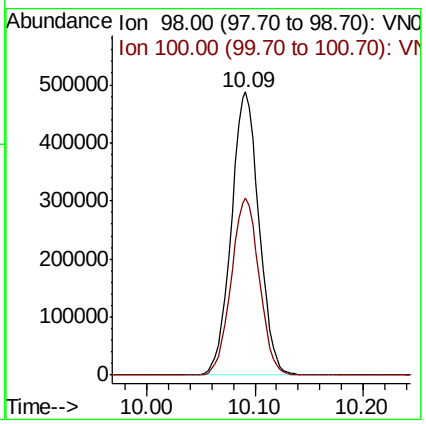


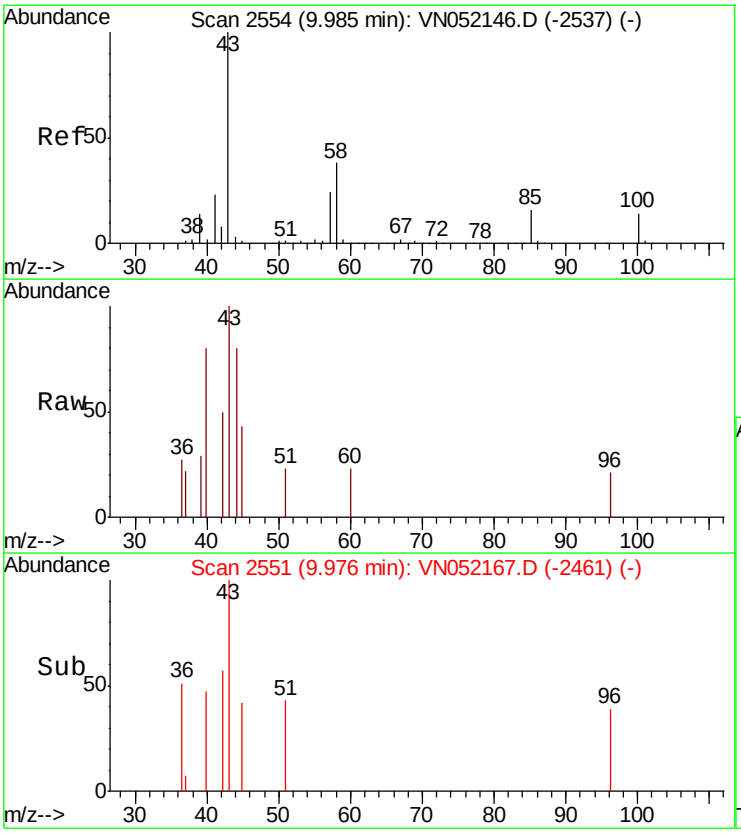
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 98 Resp: 872063

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.5	75.7

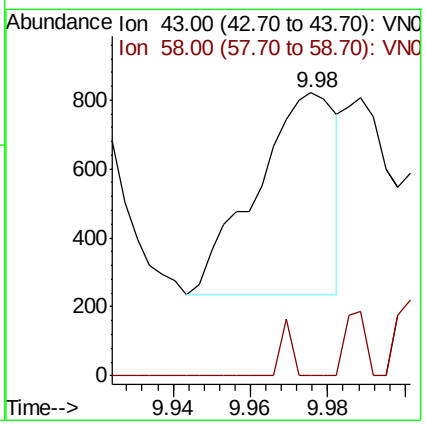


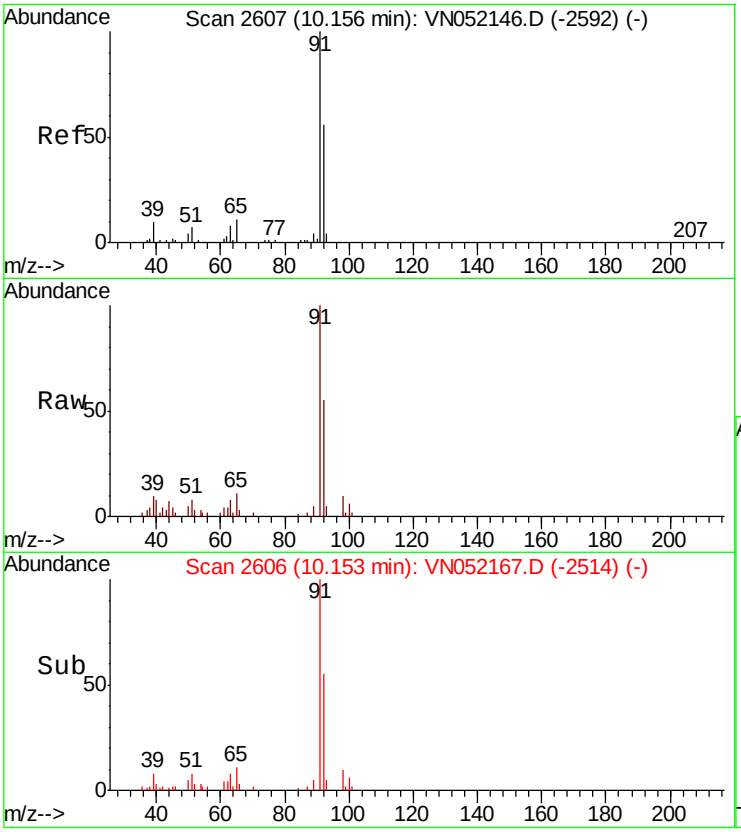


#51
4-Methyl-2-Pentanone
Concen: 0.269 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.01 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 43 Resp: 834

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.6	44.4#



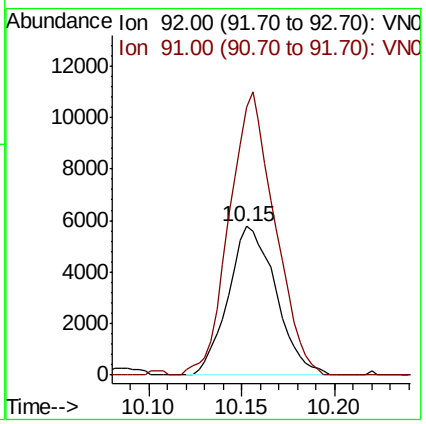


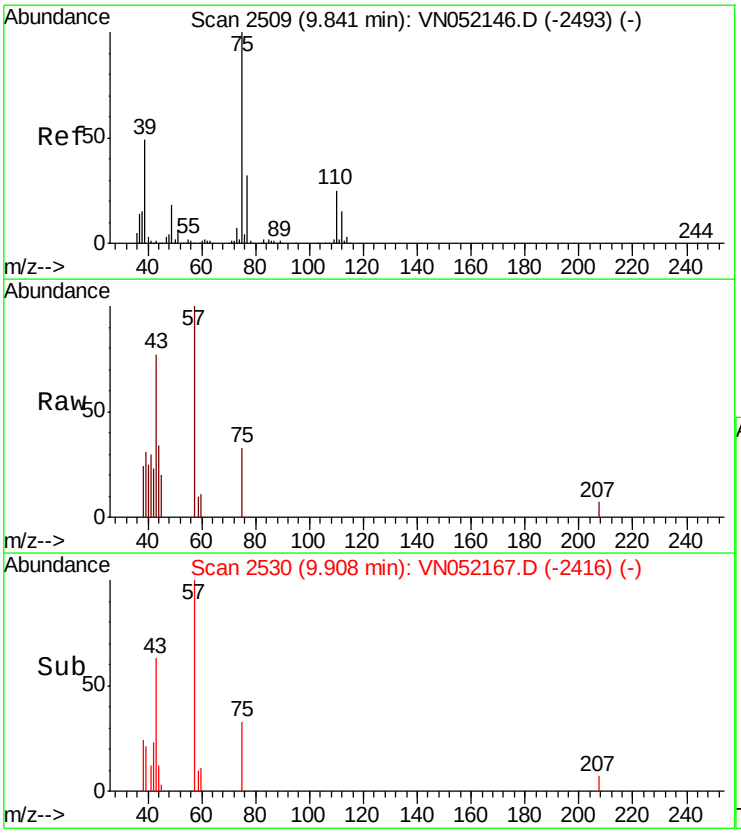
#52
Toluene
Concen: 1.134 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 92 Resp: 10331

Ion	Ratio	Lower	Upper
92	100		
91	181.2	142.5	213.7

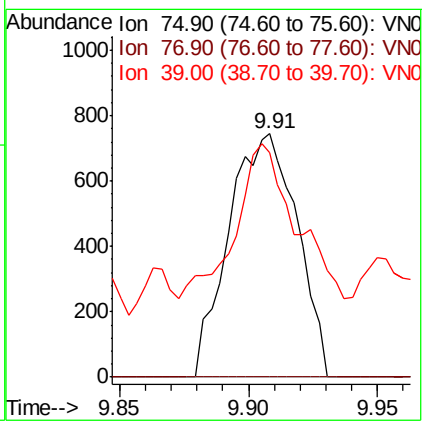


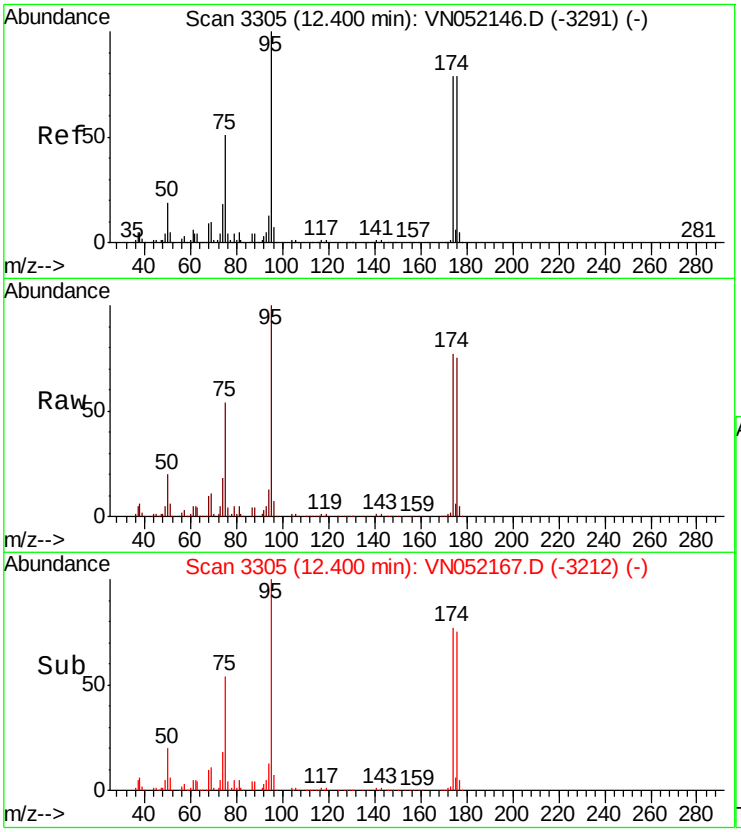


#54
cis-1,3-Dichloropropene
Concen: 0.241 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 75 Resp: 1374

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#
39	54.8	39.2	58.8



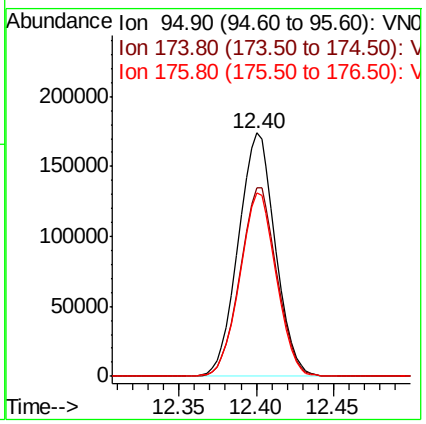


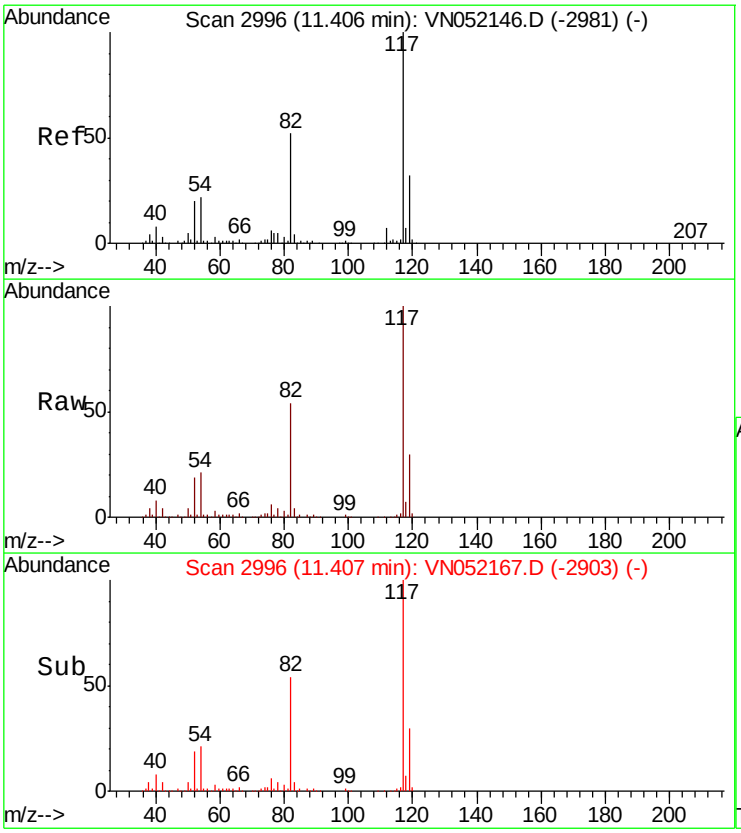
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 95 Resp: 288911

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	162.6
176	74.3	0.0	155.4

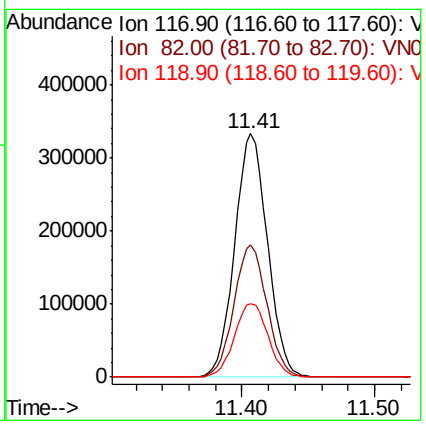


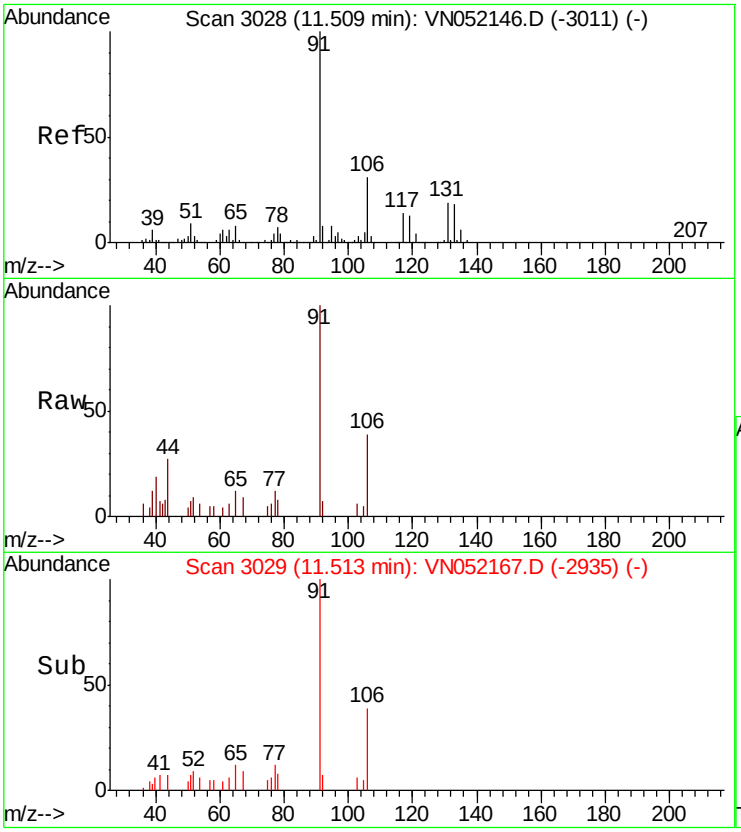


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion:117 Resp: 571777

Ion	Ratio	Lower	Upper
117	100		
82	54.2	41.9	62.9
119	30.3	25.7	38.5



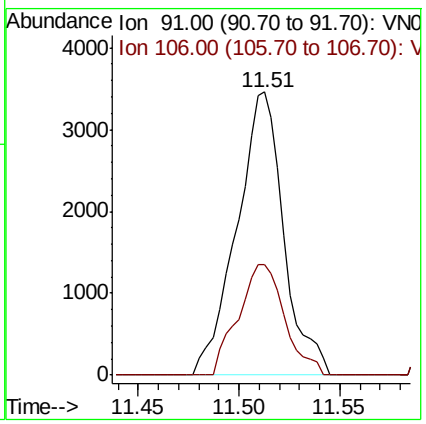


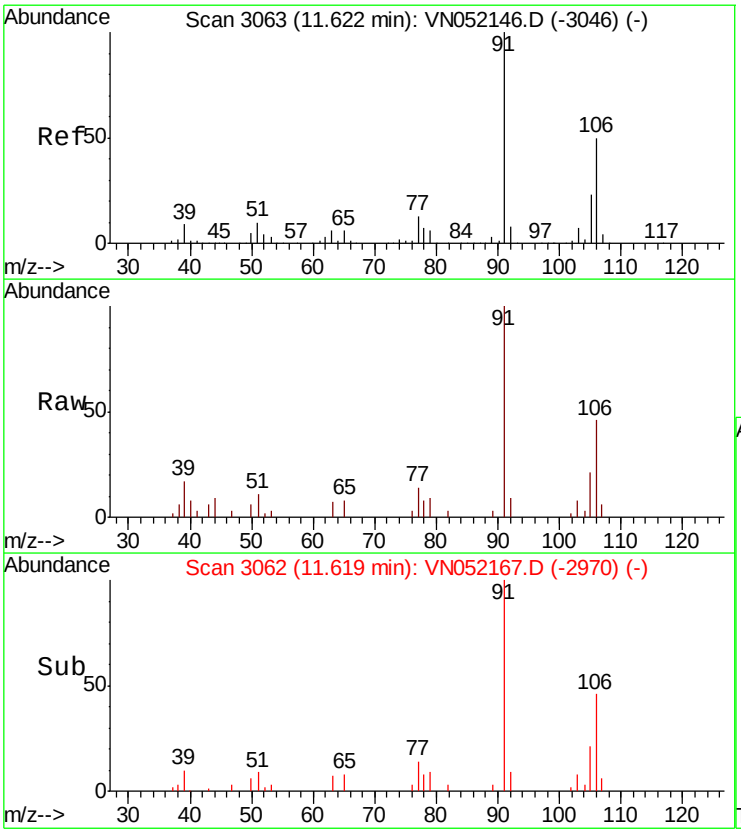
#67
Ethyl Benzene
Concen: 0.291 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion: 91 Resp: 5629

Ion	Ratio	Lower	Upper
91	100		
106	39.1	25.1	37.7#

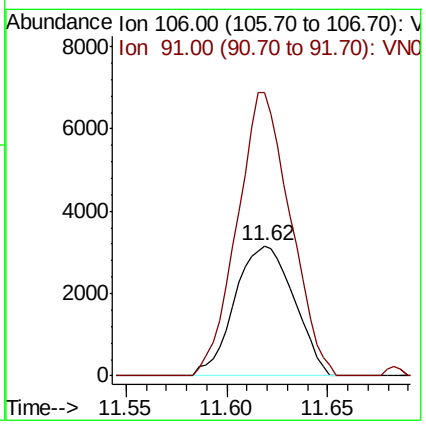


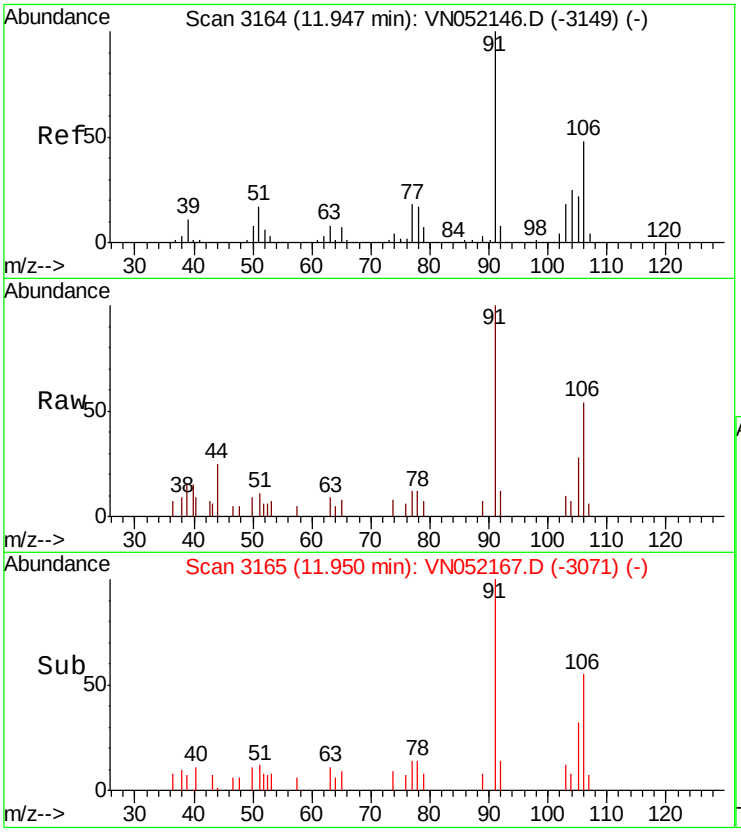


#68
m/p-Xylenes
Concen: 0.869 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion:106 Resp: 6488

Ion	Ratio	Lower	Upper
106	100		
91	195.5	158.2	237.4



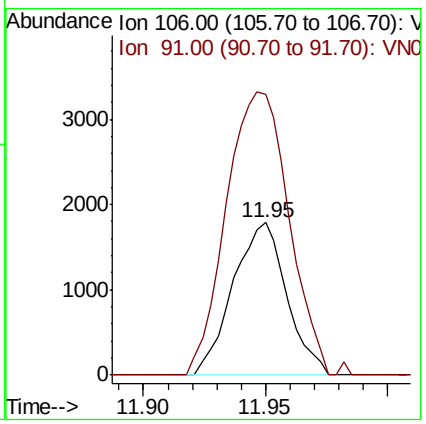


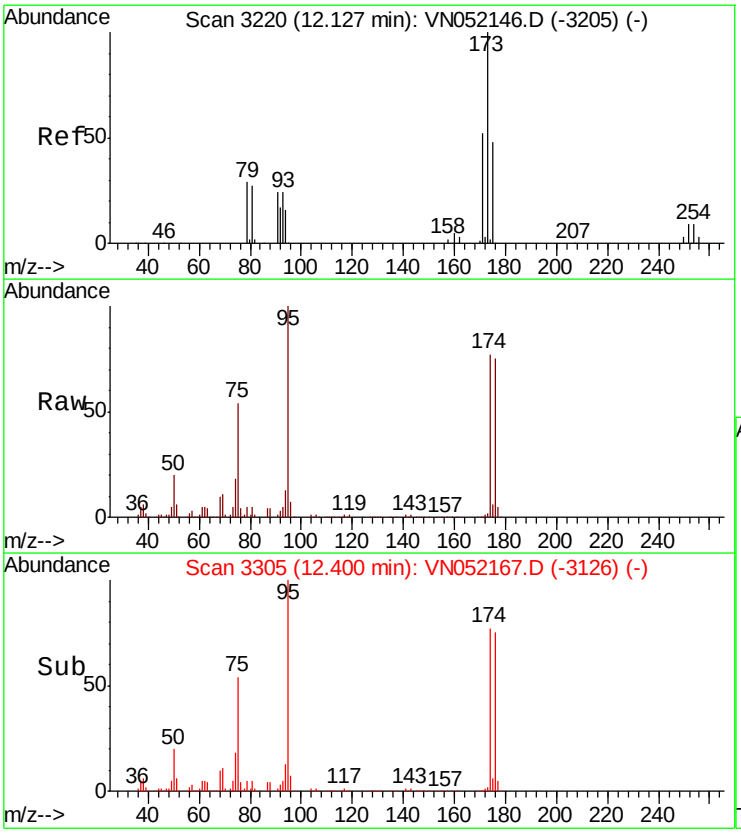
#69
o-Xylene
Concen: 0.376 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion:106 Resp: 2724

Ion	Ratio	Lower	Upper
106	100		
91	217.1	104.8	314.3

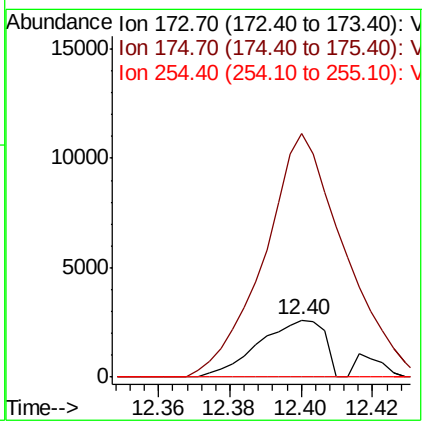


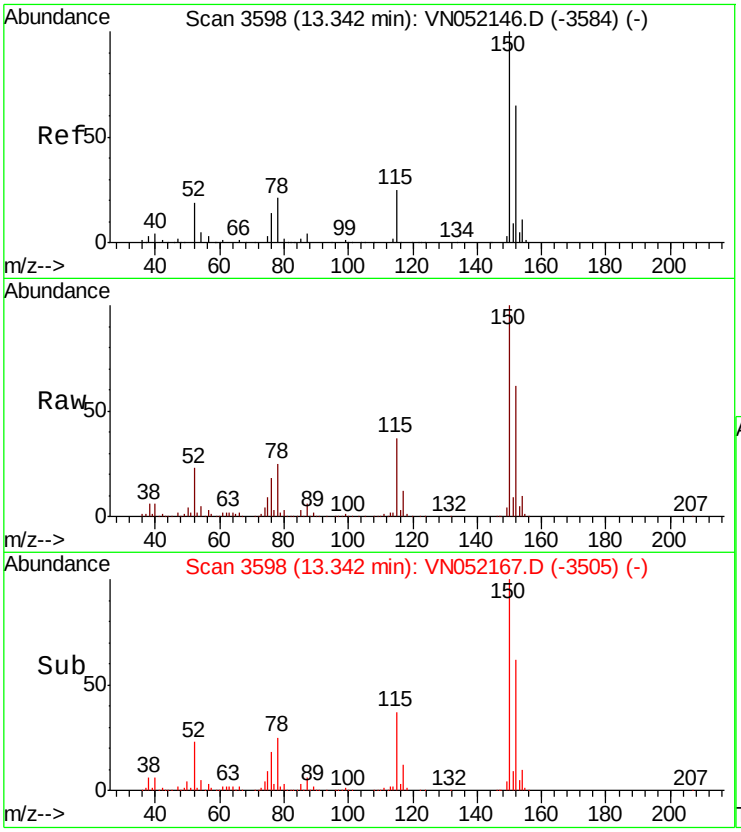


#71
Bromoform
Concen: 3.995 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion:173 Resp: 3317

Ion	Ratio	Lower	Upper
173	100		
175	454.4	24.8	74.4#
254	0.0	0.2	0.2#



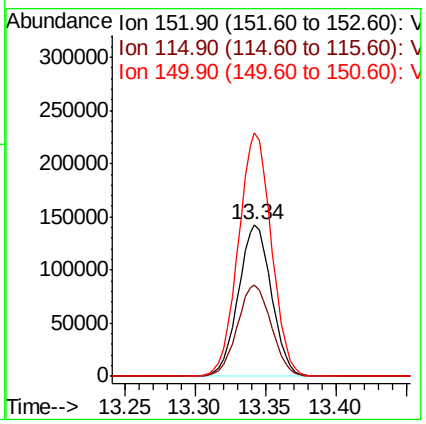


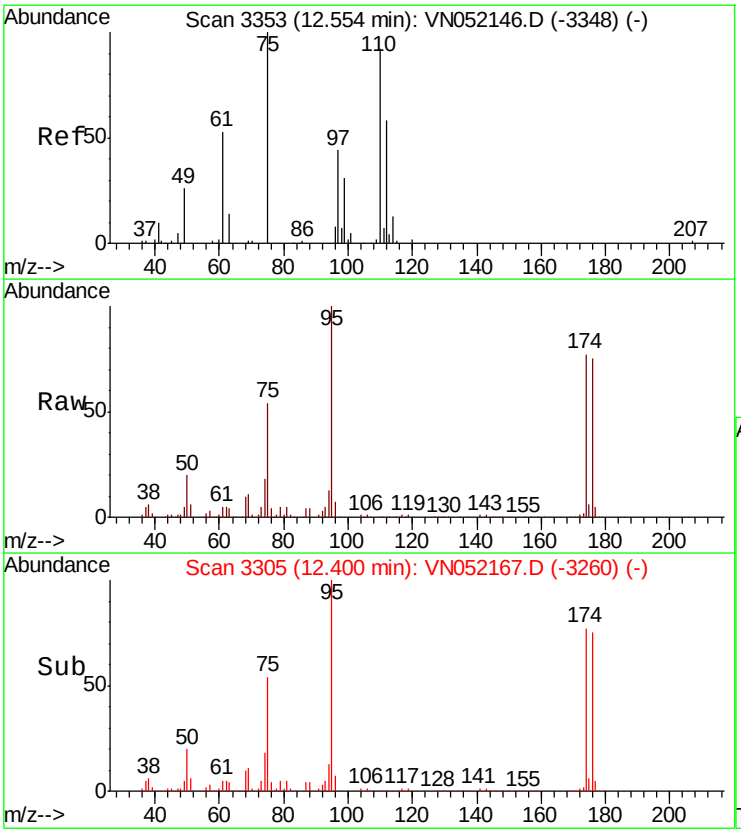
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion:152 Resp: 233871

Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.5	85.5
150	160.5	0.0	348.6

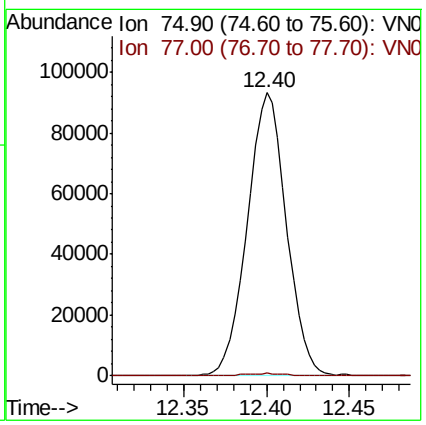


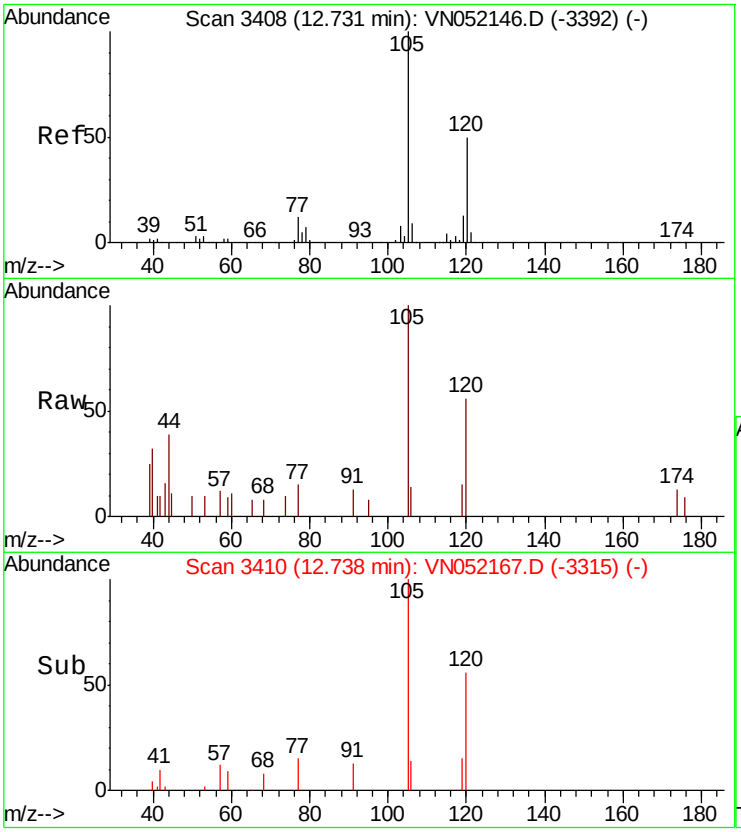


#76
1,2,3-Trichloropropane
Concen: 41.420 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 75 Resp: 152446

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#



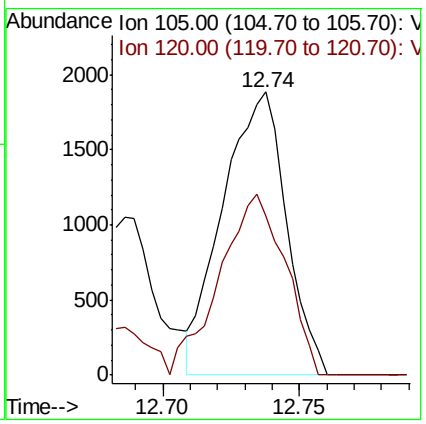


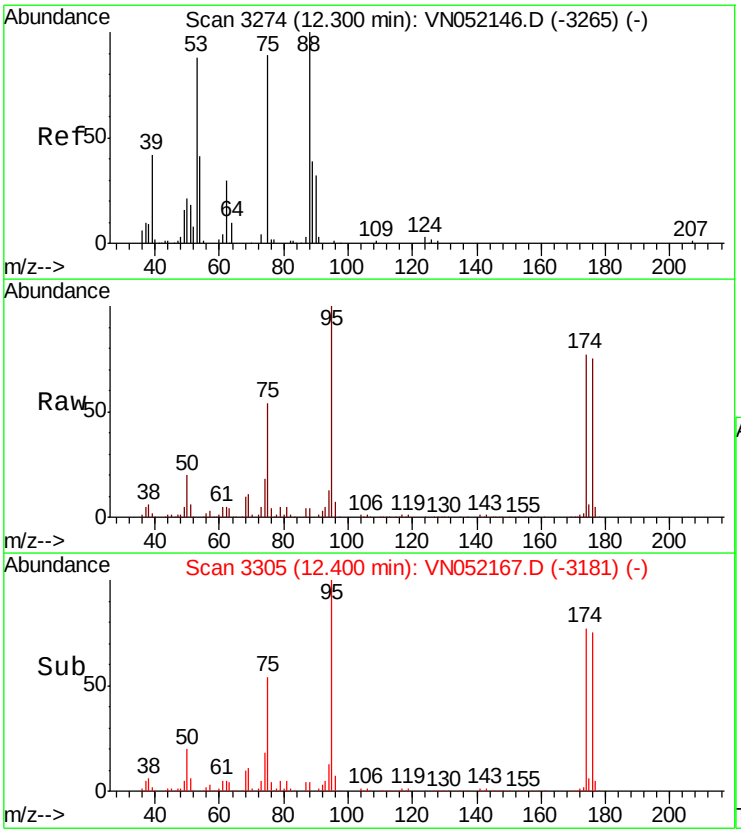
#80
1,3,5-Trimethylbenzene
Concen: 0.213 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.01 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion:105 Resp: 3051

Ion	Ratio	Lower	Upper
105	100		
120	65.8	24.9	74.6

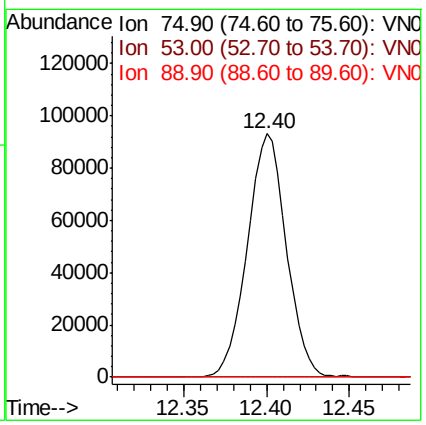


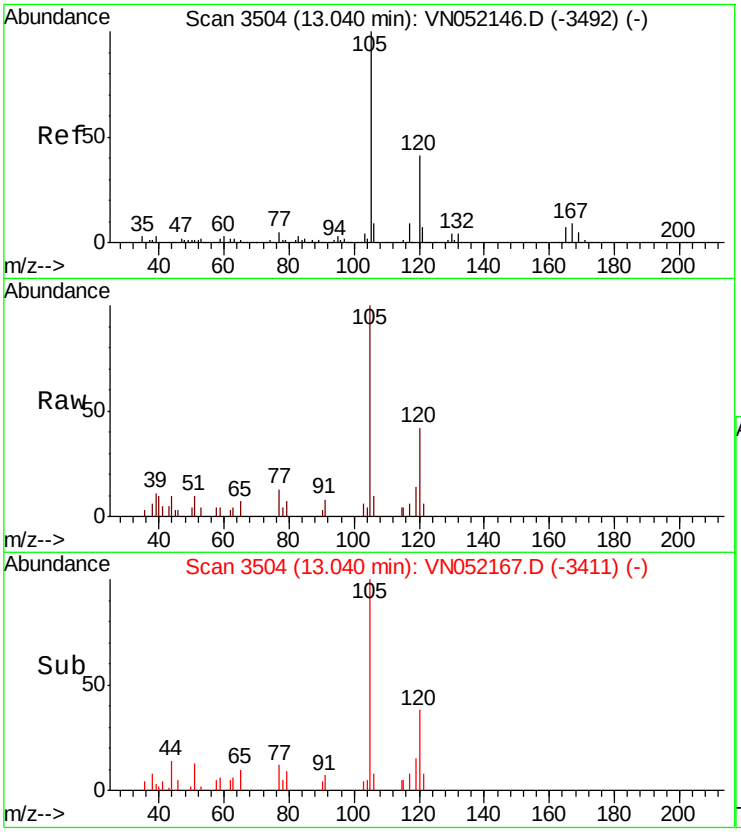


#81
trans-1,4-Dichloro-2-butene
Concen: 148.311 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion: 75 Resp: 152446

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



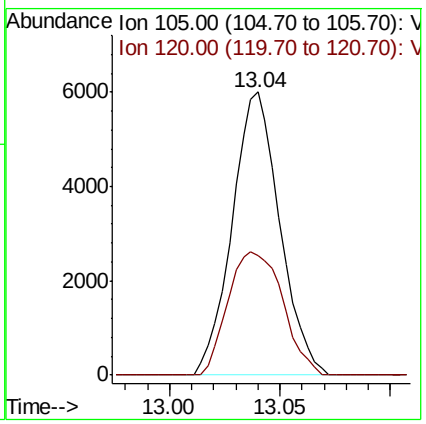


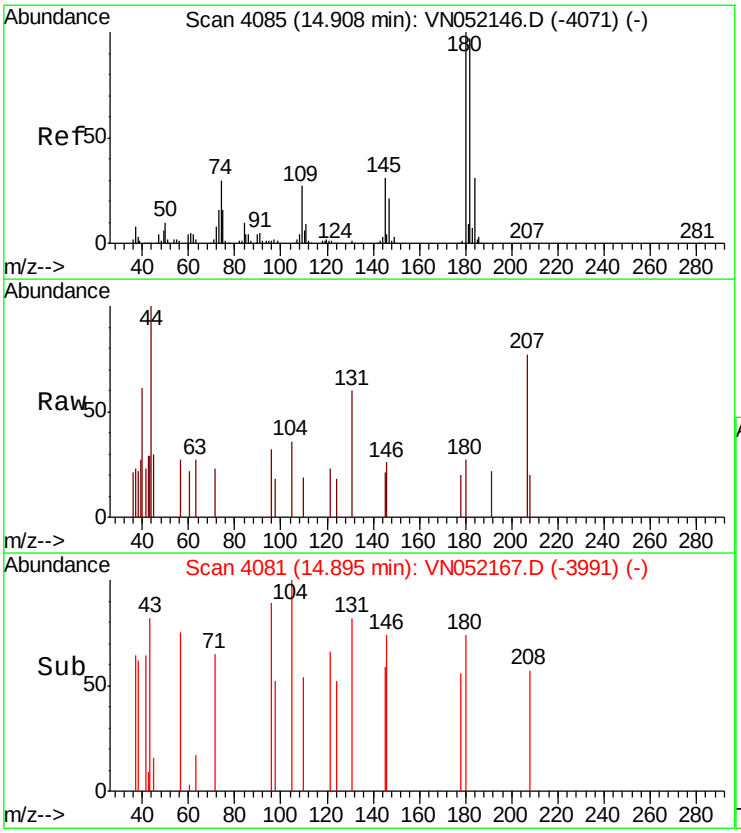
#84
1,2,4-Trimethylbenzene
Concen: 0.632 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion:105 Resp: 8999

Ion	Ratio	Lower	Upper
105	100		
120	50.1	23.2	69.5

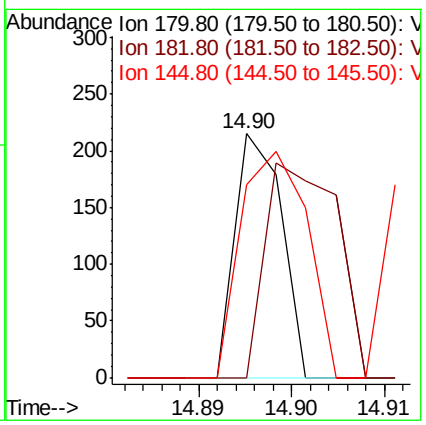


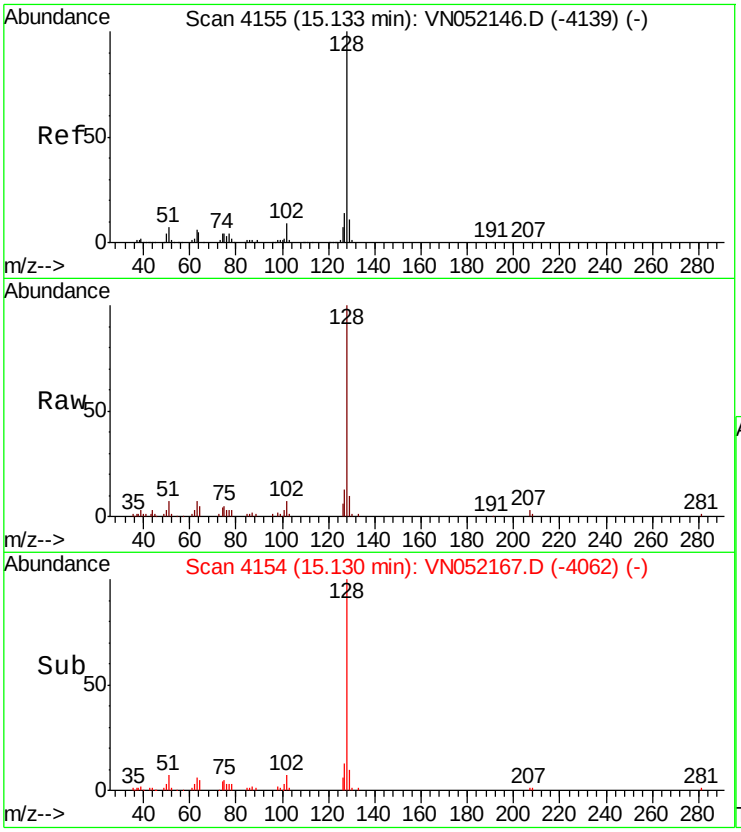


#93
1,2,4-Trichlorobenzene
Concen: 2.258 ug/l
RT: 14.90 min Scan# 4081
Delta R.T. -0.01 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion:180 Resp: 76

Ion	Ratio	Lower	Upper
180	100		
182	132.9	48.1	144.4
145	131.6	15.3	45.9#





#95
Naphthalene
Concen: 8.514 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

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

Tgt Ion:128 Resp: 60977

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	10.0	9.1	13.7