Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110618\
Data File : VN052180.D
Acq On : 6 Nov 2018 9:54
Operator : MD\SY
Sample : J5805-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : COMP-SAMPLES(26-30)

Quant Time: Nov 06 10:23:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 15:24:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	314009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	566487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	210747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	241439	64.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 129.68%			
35) Dibromofluoromethane	7.59	113	213864	60.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.62%			
50) Toluene-d8	10.09	98	844025	62.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 124.14%			
62) 4-Bromofluorobenzene	12.40	95	270906	60.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.38%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.75	59	64	0.394	ug/l #	1
13) Acrolein	3.62	56	550	35.324	ug/l #	75
16) Acetone	3.82	43	8246	9.775	ug/l	90
17) Carbon Disulfide	4.05	76	3245	0.393	ug/l #	76
18) Methyl Acetate	4.33	43	2593	0.993	ug/l #	69
20) Methylene Chloride	4.55	84	82123	23.429	ug/l	89
25) 2-Butanone	6.83	43	279	0.213	ug/l #	85
29) Tetrahydrofuran	7.22	42	719	0.888	ug/l #	43
30) Chloroform	7.38	83	4014	0.669	ug/l #	78
31) Cyclohexane	7.66	56	7885	Below Cal	#	14
36) 1,1-Dichloropropene	7.67	75	25810	5.150	ug/l #	52
38) Carbon Tetrachloride	7.67	117	33105	6.612	ug/l #	17
43) Isopropyl Acetate	8.17	43	124808	21.827	ug/l	98
47) Bromodichloromethane	9.40	83	1440	0.298	ug/l #	68
48) Methyl methacrylate	9.17	41	3980	1.446	ug/l #	18
49) 1,4-Dioxane	9.05	88	76	Below Cal	#	76
51) 4-Methyl-2-Pentanone	9.99	43	1253	0.415	ug/l #	65
71) Bromoform	12.39	173	479	2.979	ug/l #	29
74) N-amyl acetate	12.08	43	284	Below Cal	#	68
76) 1,2,3-Trichloropropane	12.40	75	138866	49.852	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	138866	149.922	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	3730	0.291	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	1413	2.690	ug/l	82
95) Naphthalene	15.13	128	12998	2.014	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	1381	2.251	ug/l #	15

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

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ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Quant Time: Nov 06 10:23:32 2018
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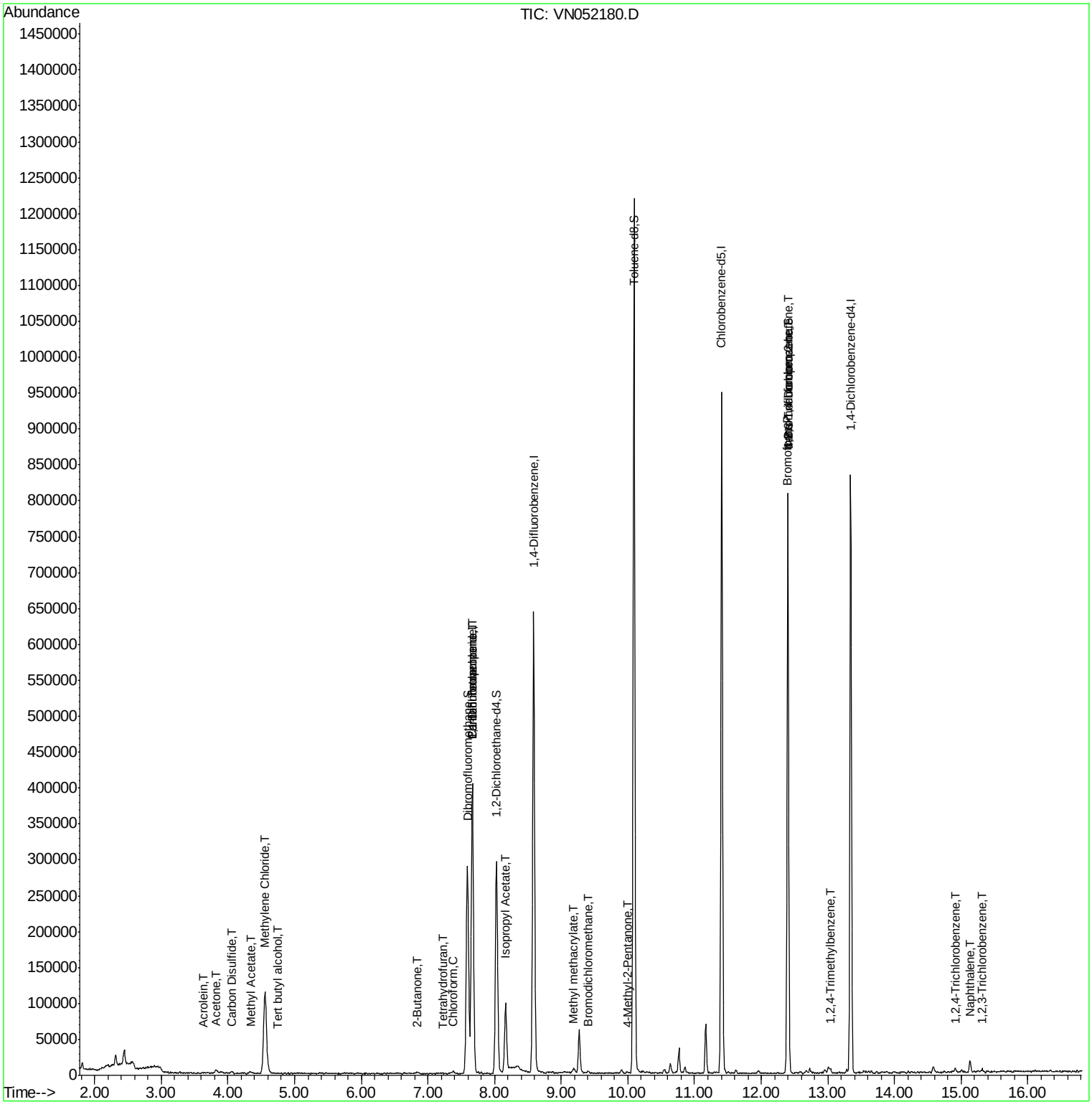
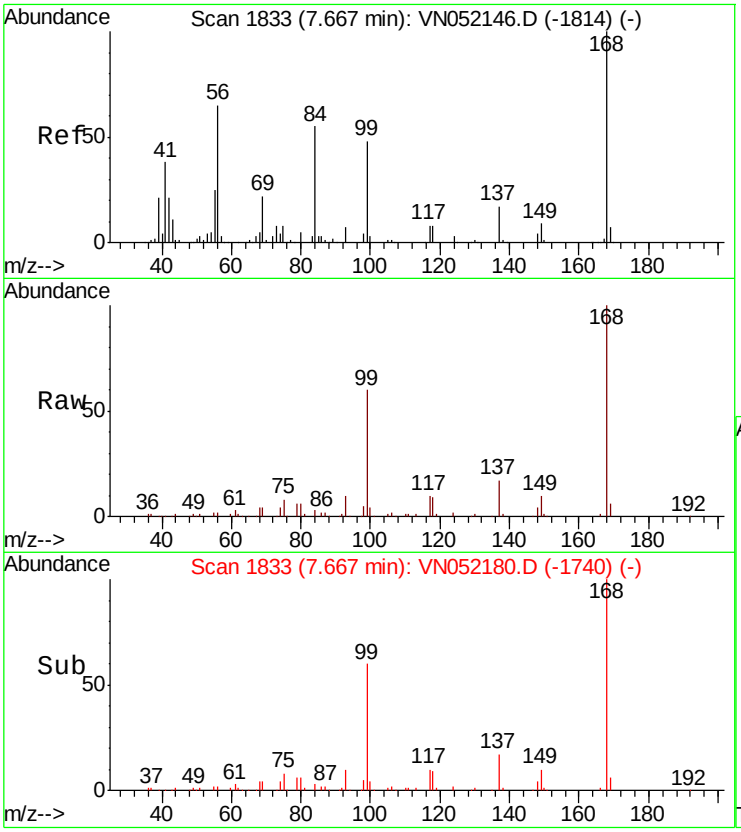


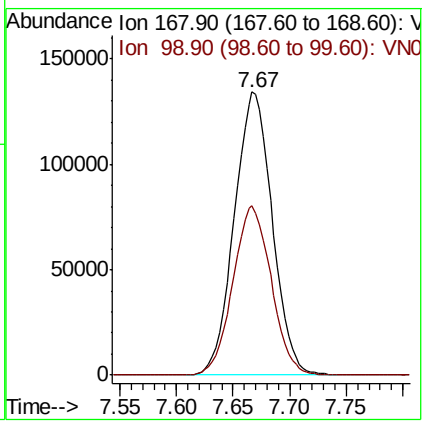


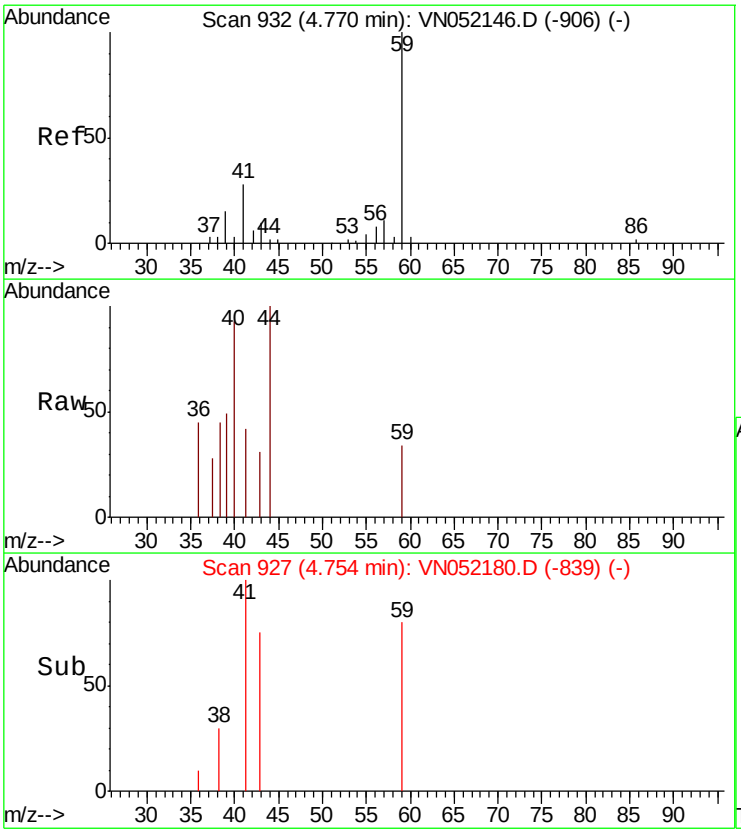
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion:168 Resp: 314009

Ion	Ratio	Lower	Upper
168	100		
99	59.9	56.6	85.0

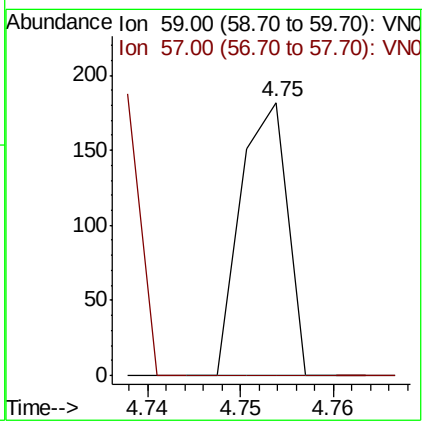


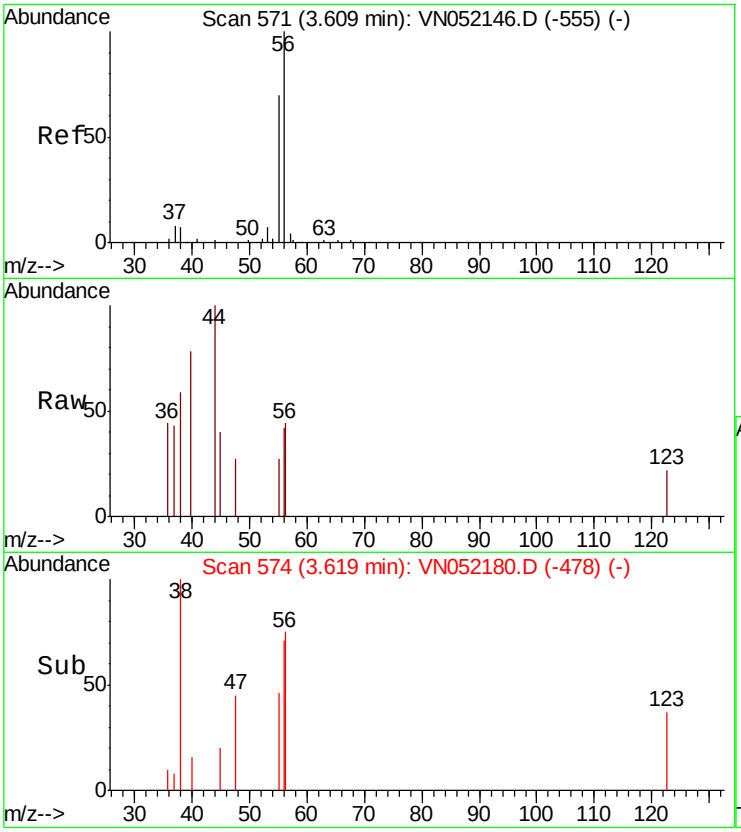


#11
Tert butyl alcohol
Concen: 0.394 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.02 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 59 Resp: 64

Ion	Ratio	Lower	Upper
59	100		
57	109.4	7.0	10.6#



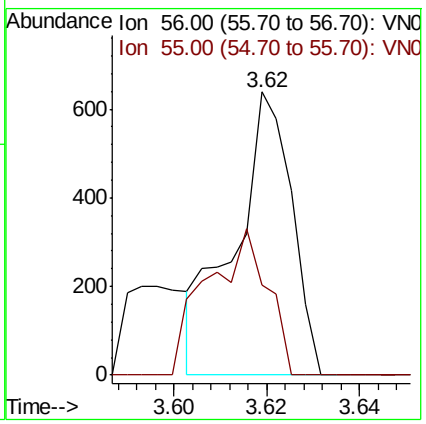


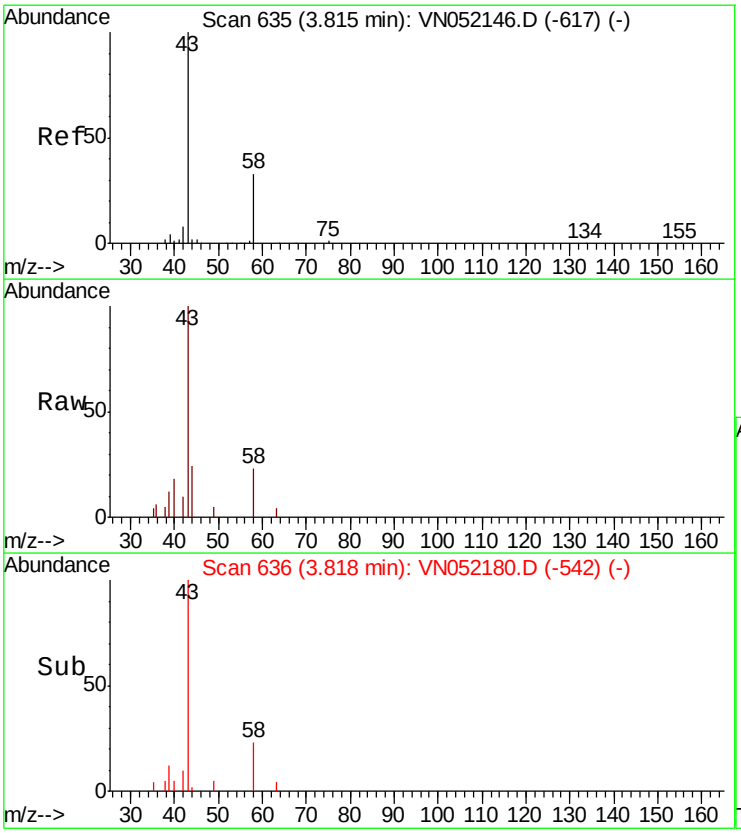
#13
Acrolein
Concen: 35.324 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 56 Resp: 550

Ion	Ratio	Lower	Upper
56	100		
55	54.0	59.9	89.9#

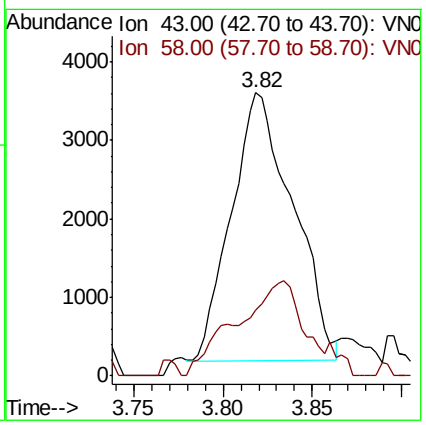


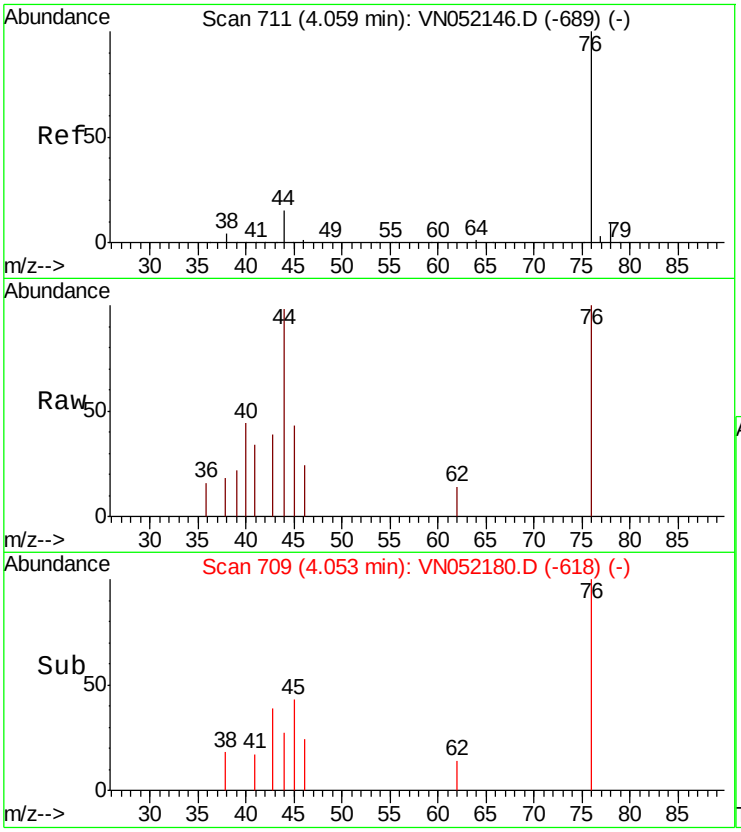


#16
Acetone
Concen: 9.775 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 43 Resp: 8246

Ion	Ratio	Lower	Upper
43	100		
58	24.8	24.2	36.2



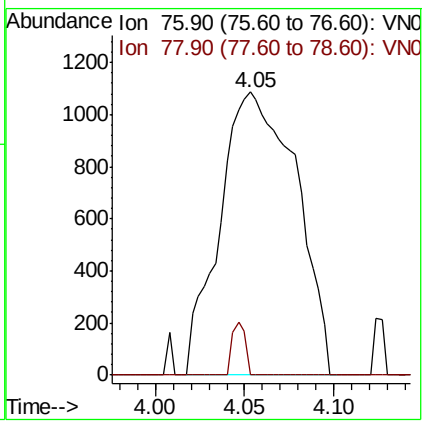


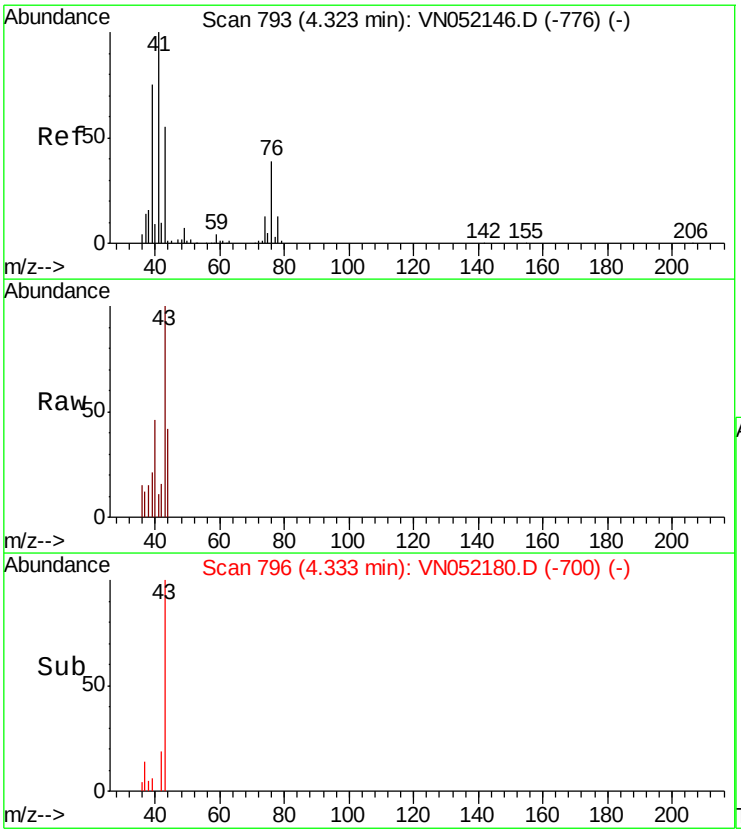
#17
Carbon Disulfide
Concen: 0.393 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.01 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 76 Resp: 3245

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.8	10.2#

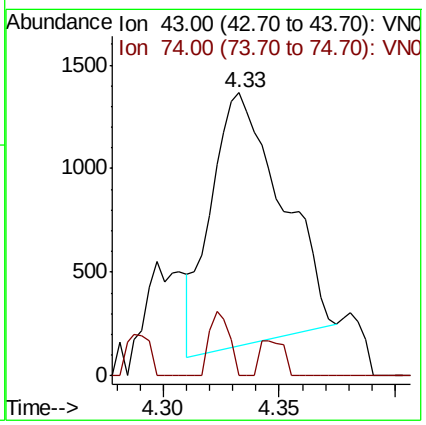


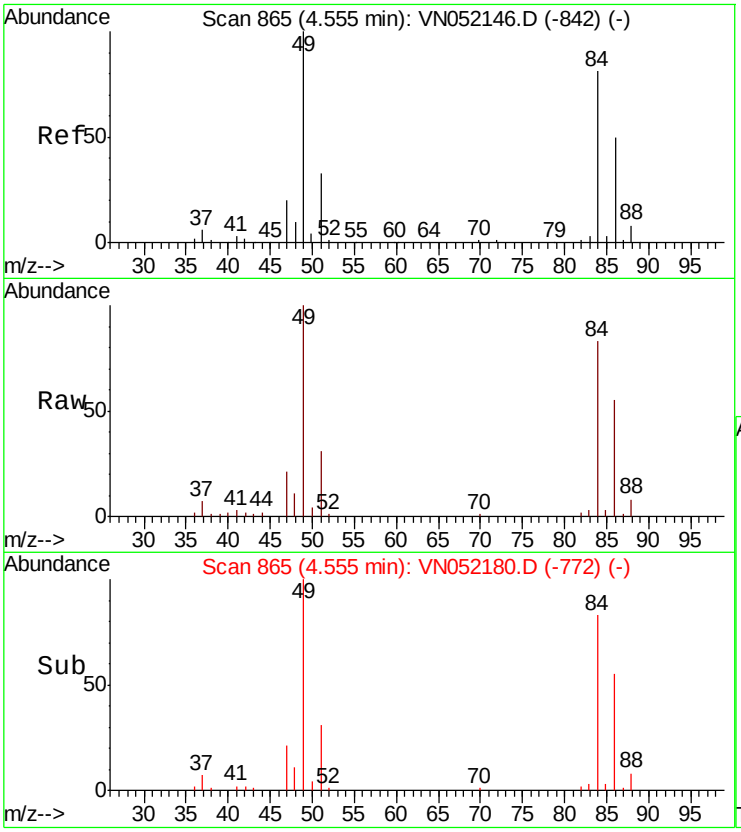


#18
Methyl Acetate
Concen: 0.993 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 43 Resp: 2593

Ion	Ratio	Lower	Upper
43	100		
74	7.3	17.9	26.9#



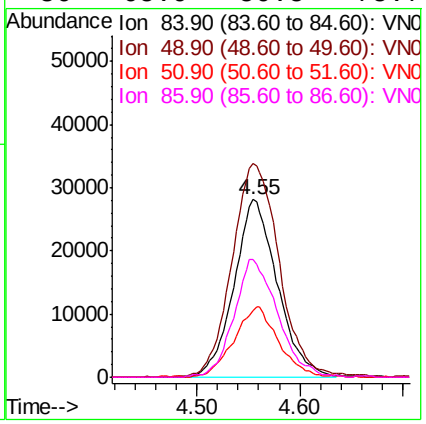


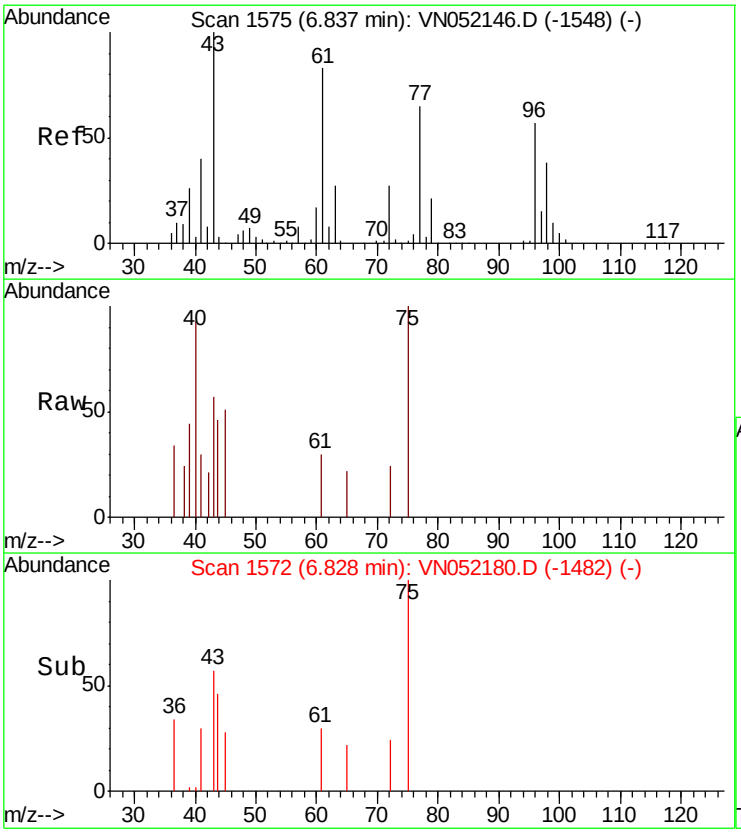
#20
Methylene Chloride
Concen: 23.429 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 84 Resp: 82123

Ion	Ratio	Lower	Upper
84	100		
49	119.6	110.6	165.8
51	37.5	33.7	50.5
86	65.9	50.5	75.7

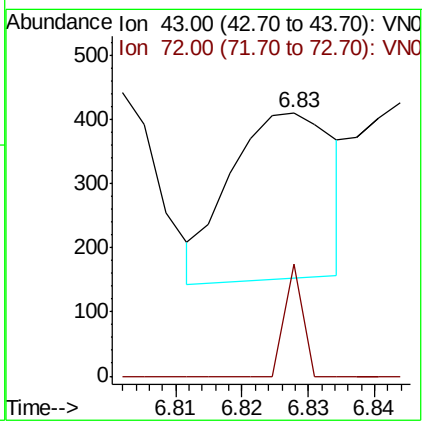


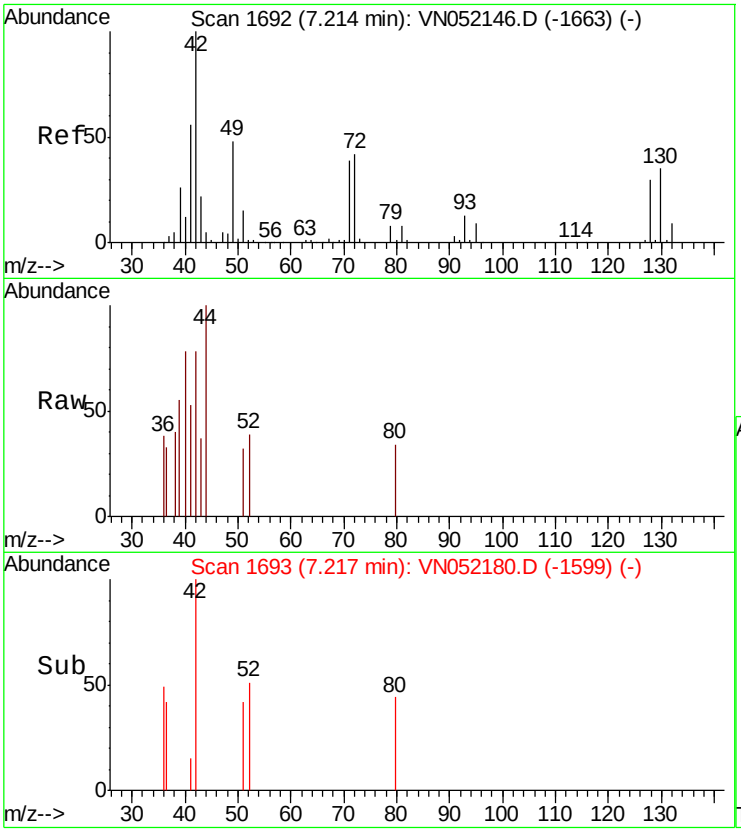


#25
2-Butanone
Concen: 0.213 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 43 Resp: 279

Ion	Ratio	Lower	Upper
43	100		
72	33.0	20.2	30.2#



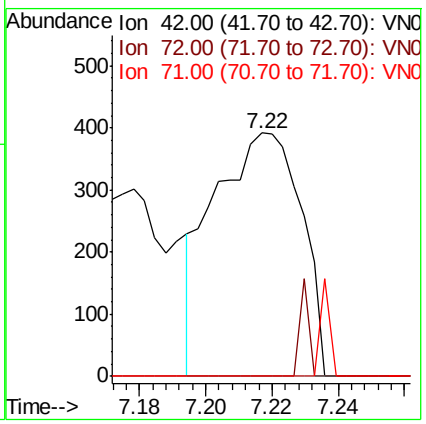


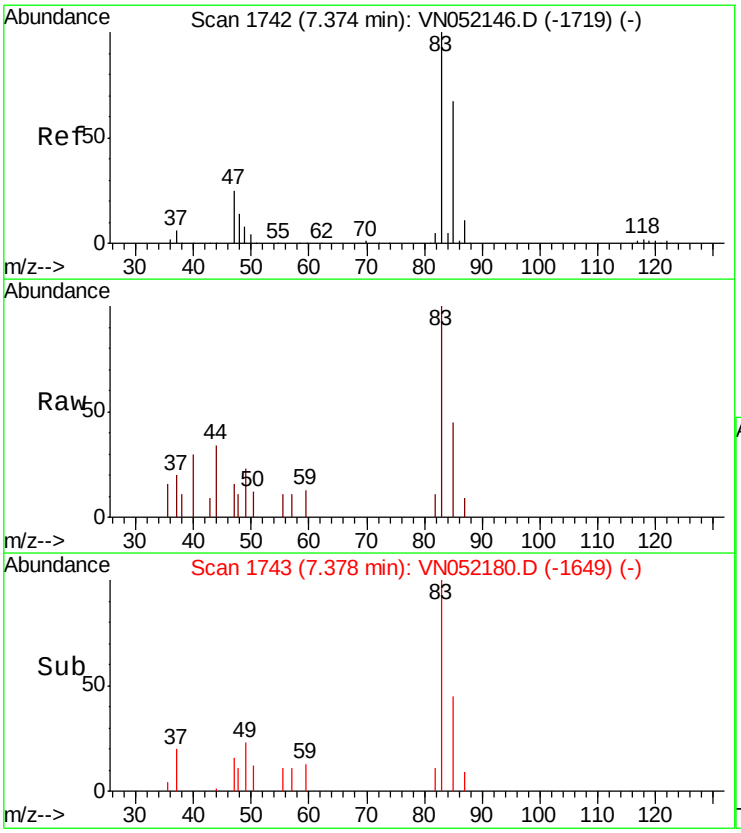
#29
Tetrahydrofuran
Concen: 0.888 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 42 Resp: 719

Ion	Ratio	Lower	Upper
42	100		
72	4.2	32.5	48.7#
71	4.2	30.6	46.0#

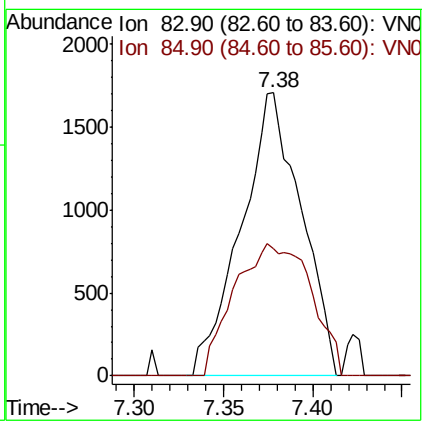


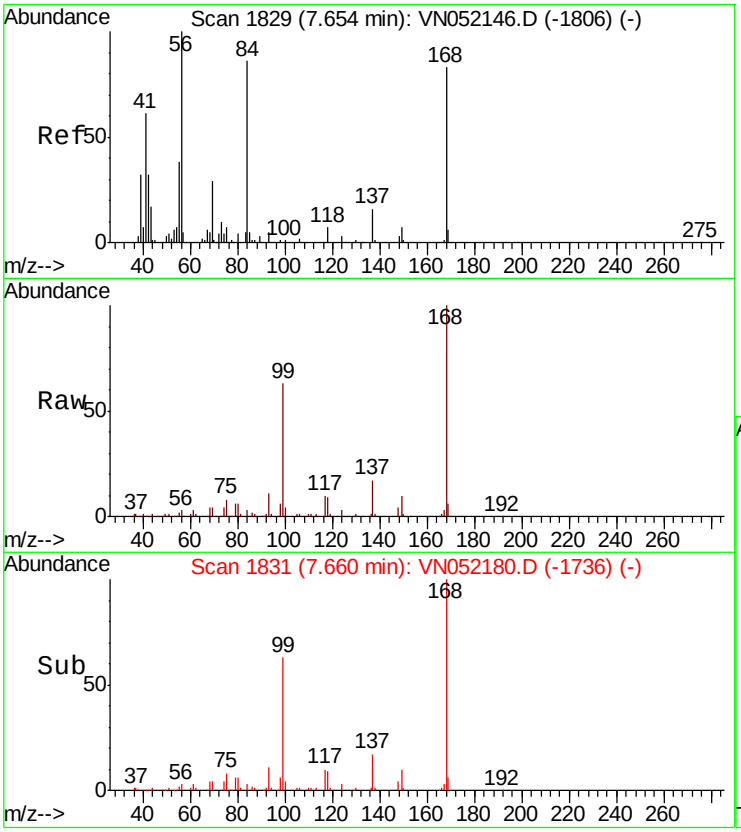


#30
Chloroform
Concen: 0.669 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 83 Resp: 4014

Ion	Ratio	Lower	Upper
83	100		
85	44.8	49.6	74.4#



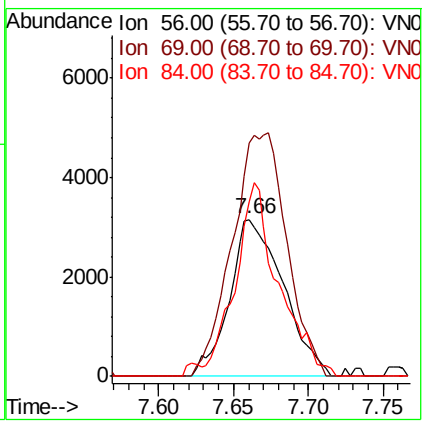


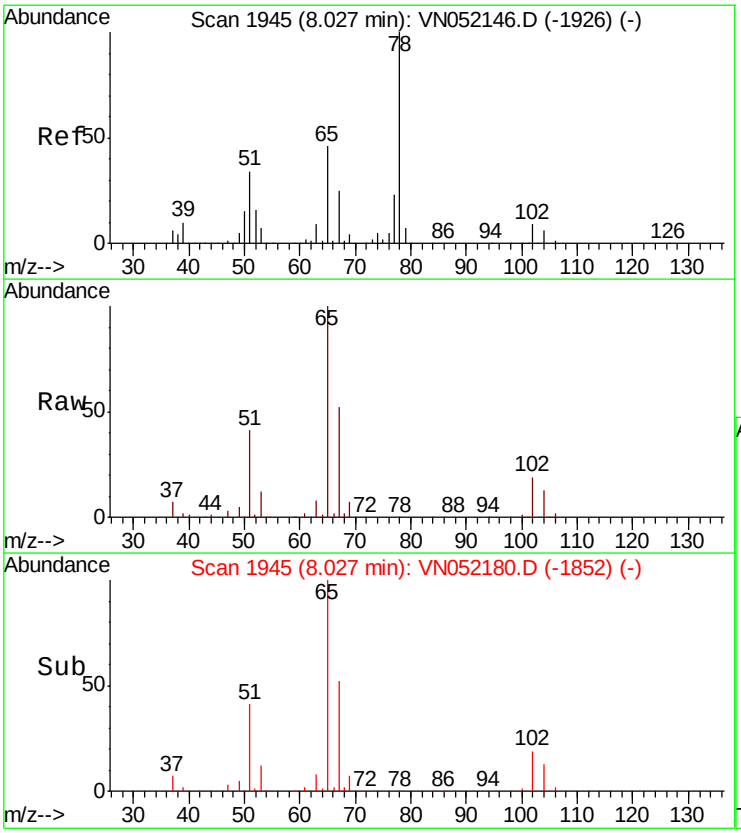
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 56 Resp: 7885

Ion	Ratio	Lower	Upper
56	100		
69	148.5	25.8	38.6#
84	111.7	63.5	95.3#

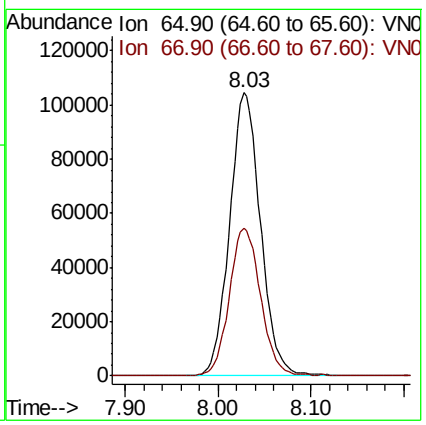


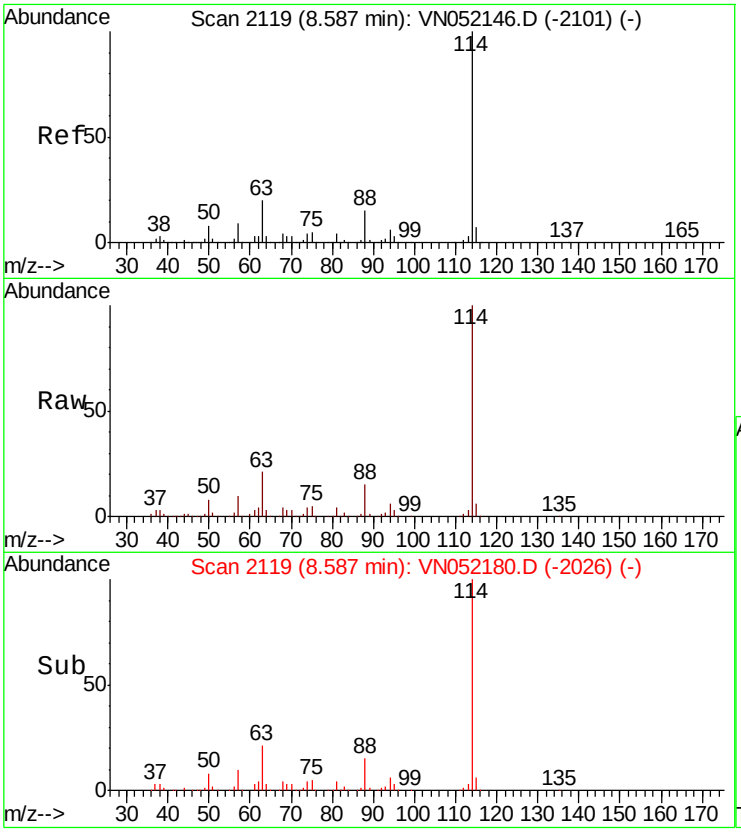


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 65 Resp: 241439

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2



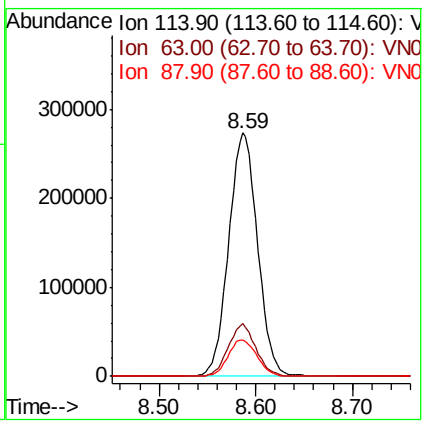


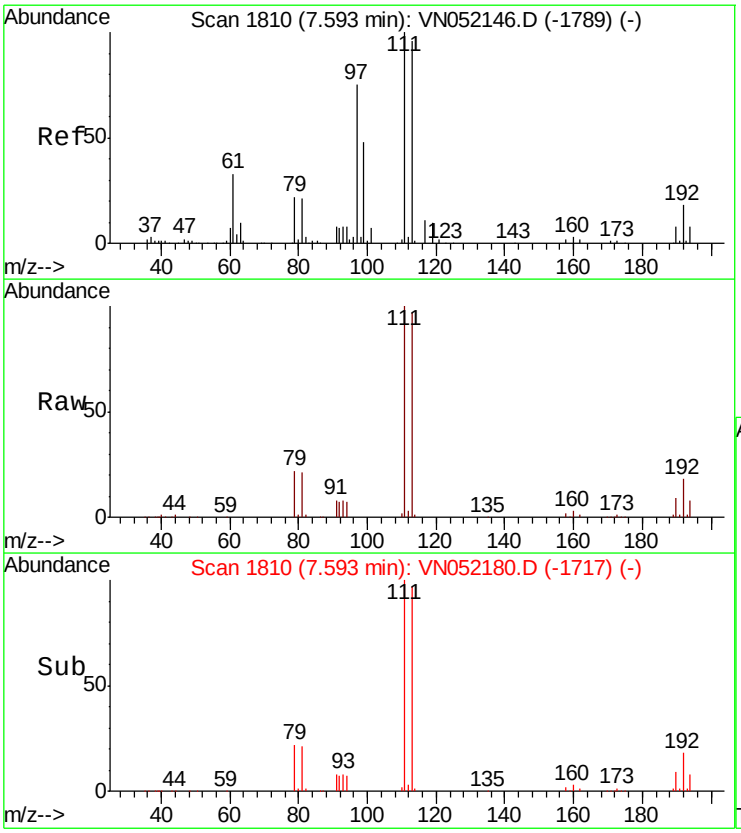
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion:114 Resp: 566487

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	46.0
88	15.1	0.0	35.4

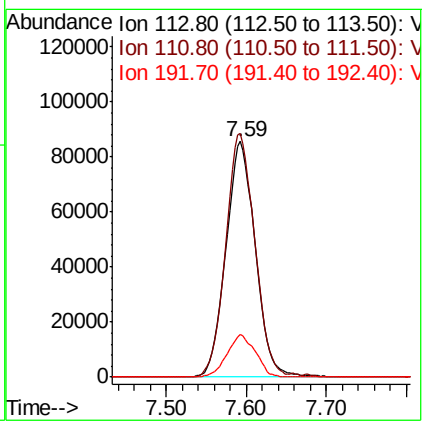


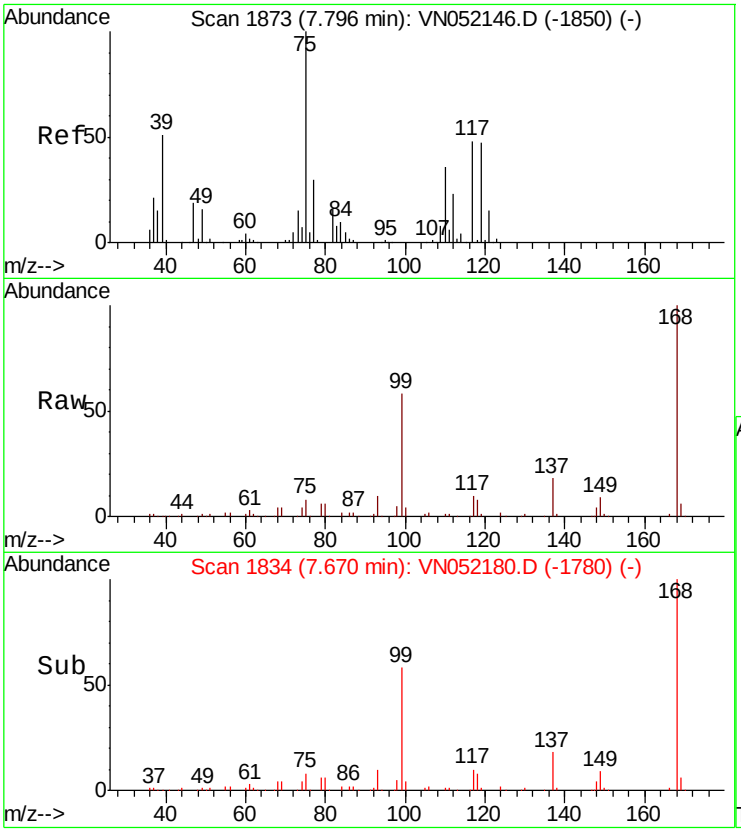


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion:113 Resp: 213864

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.1	124.7
192	17.5	12.7	19.1



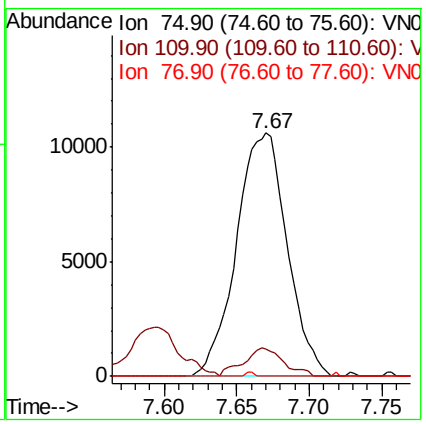


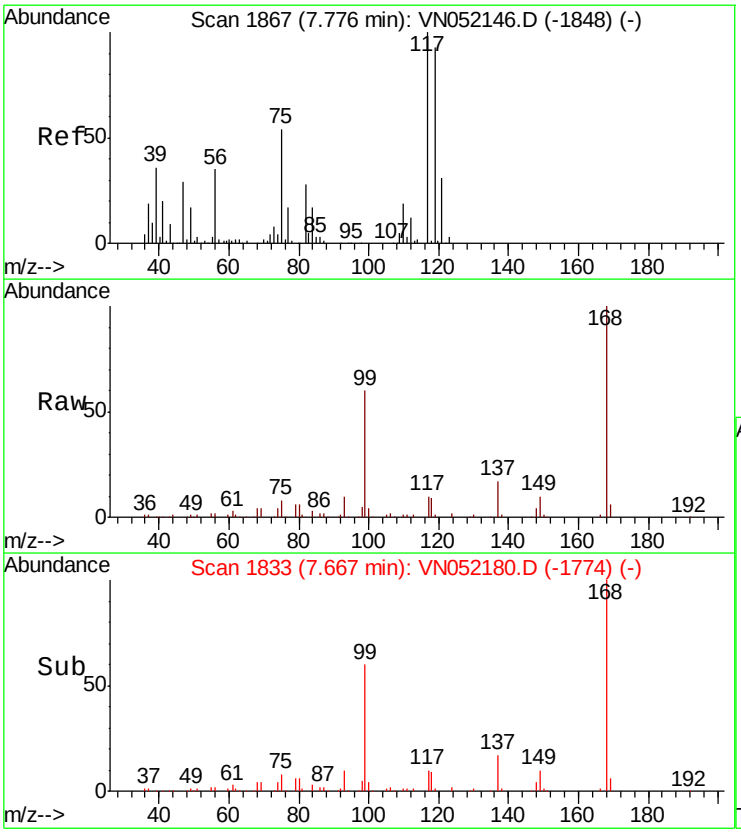
#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.13 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 75 Resp: 25810

Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.0	48.0#
77	0.3	24.5	36.7#

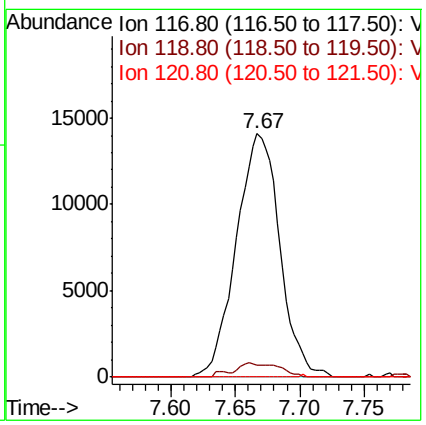


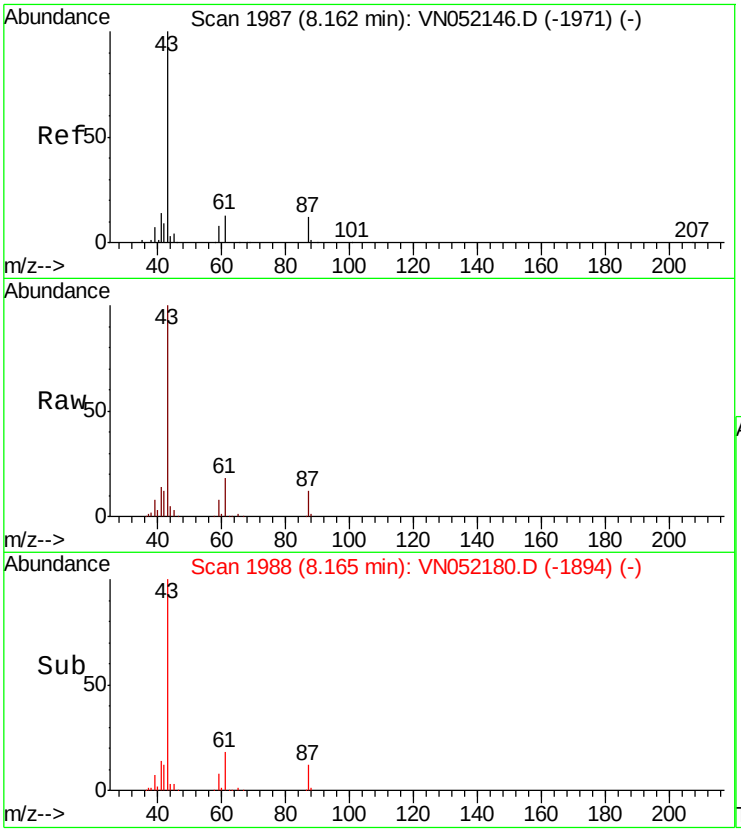


#38
Carbon Tetrachloride
Concen: 6.612 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion:117 Resp: 33105

Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.8	112.2#
121	0.0	25.1	37.7#



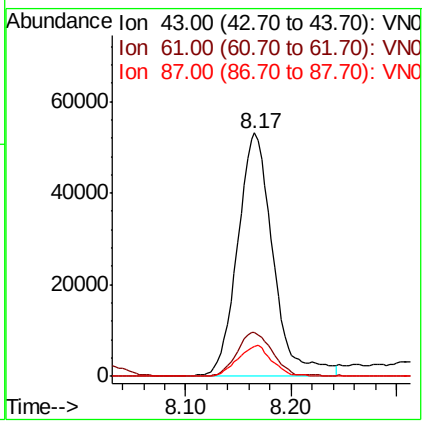


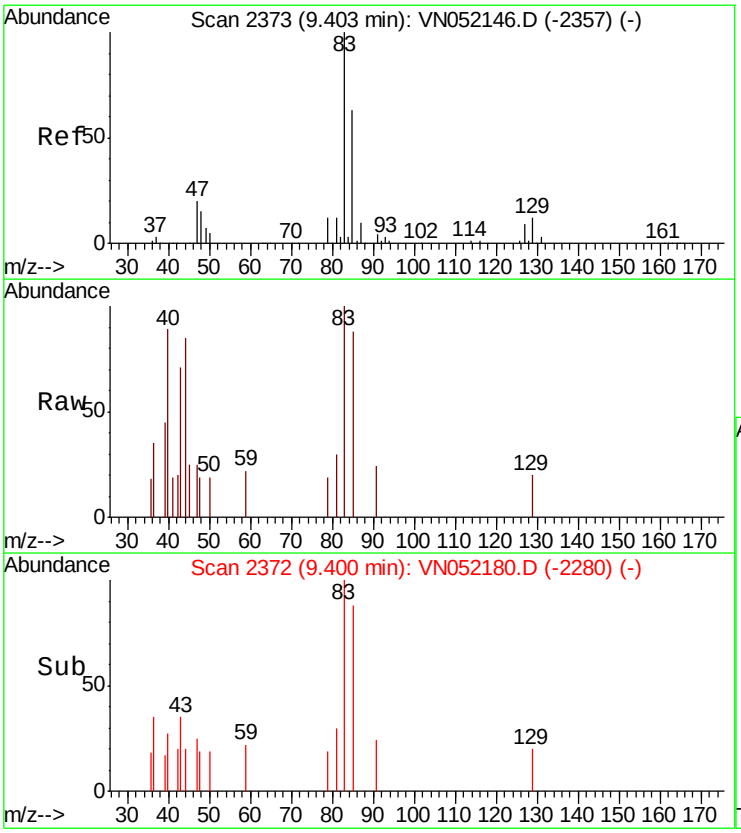
#43
Isopropyl Acetate
Concen: 21.827 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 43 Resp: 124808

Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.4	23.0
87	12.0	9.8	14.8

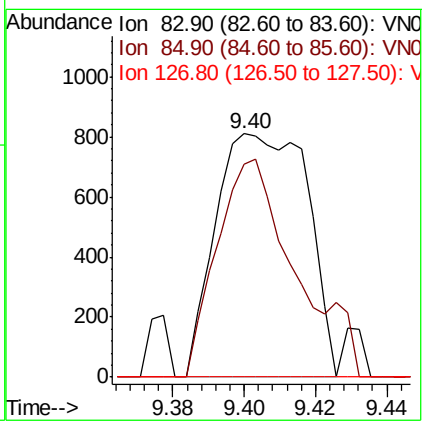


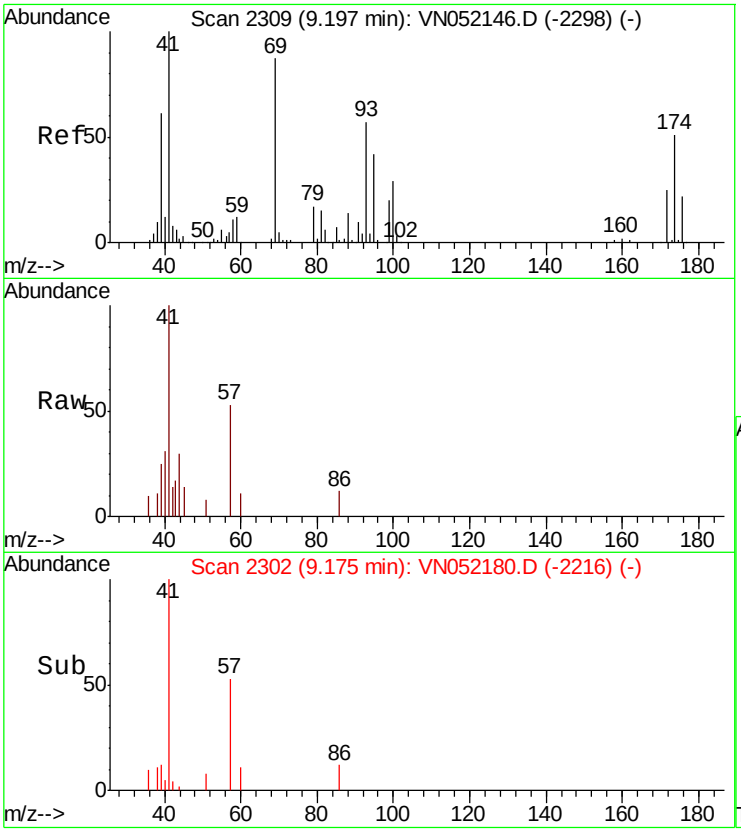


#47
Bromodichloromethane
Concen: 0.298 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 83 Resp: 1440

Ion	Ratio	Lower	Upper
83	100		
85	87.5	49.4	74.2#
127	0.0	5.8	8.8#



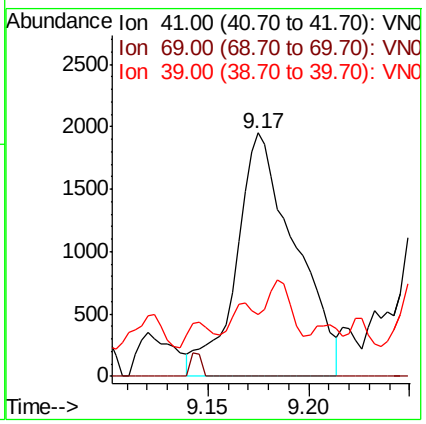


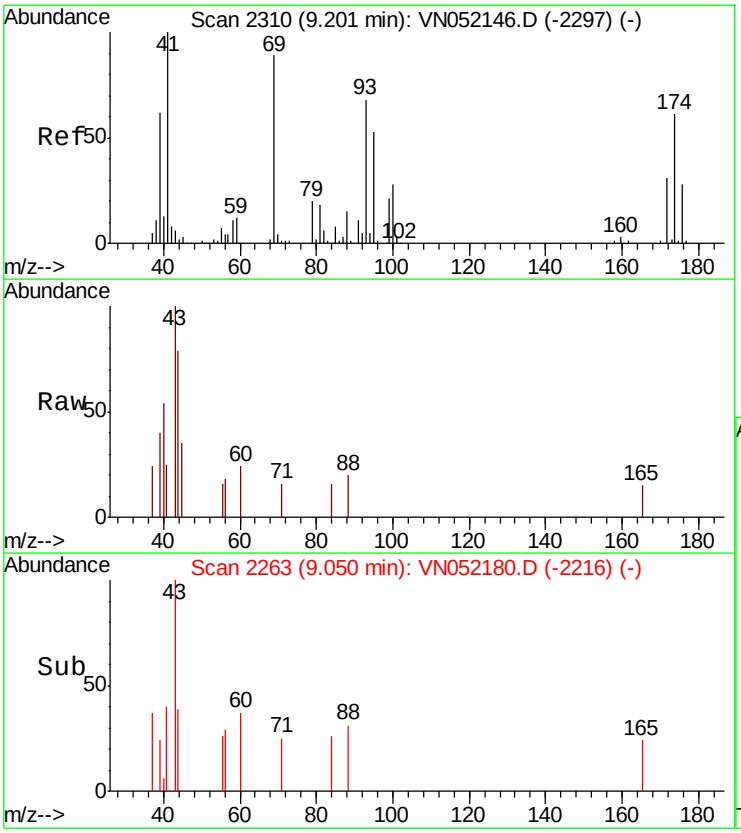
#48
Methyl methacrylate
Concen: 1.446 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 41 Resp: 3980

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.1	100.7#
39	9.7	50.5	75.7#

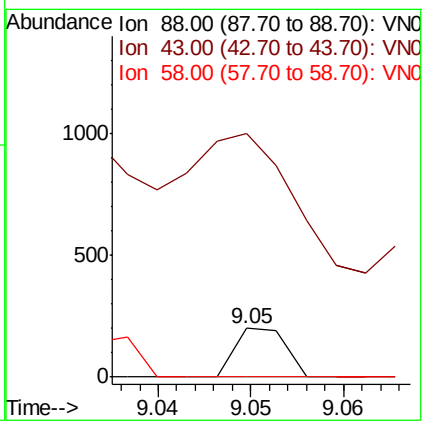


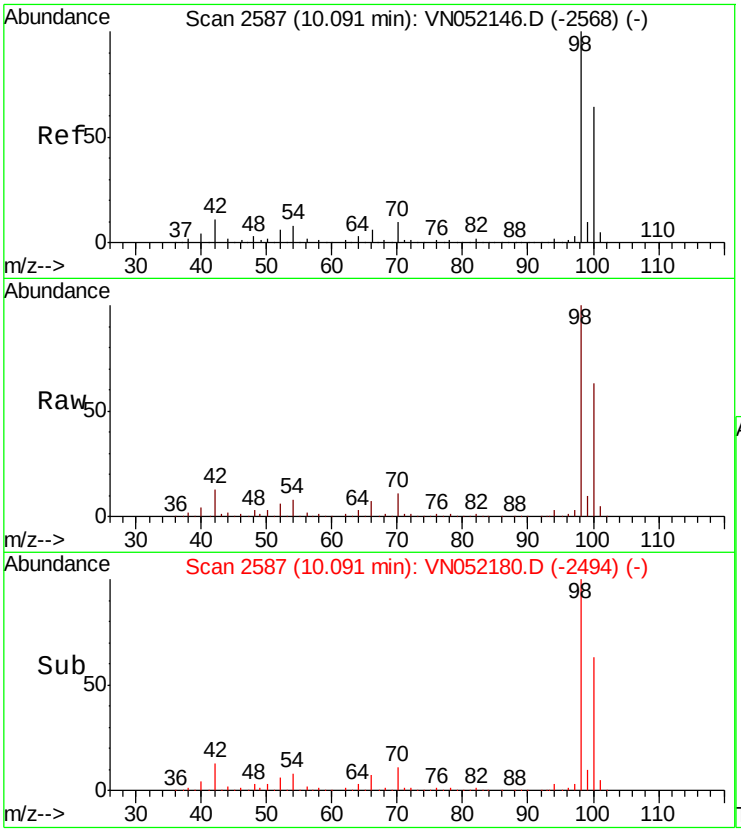


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.05 min Scan# 2263
Delta R.T. -0.15 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 88 Resp: 76

Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.1	51.1#
58	78.9	62.8	94.2



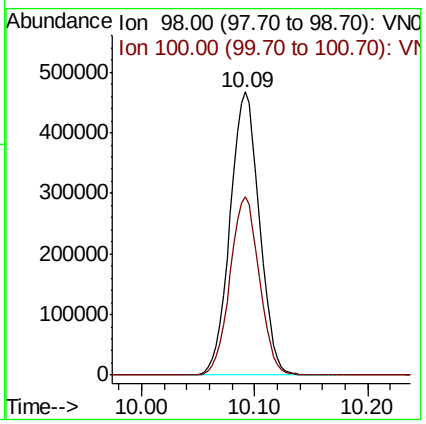


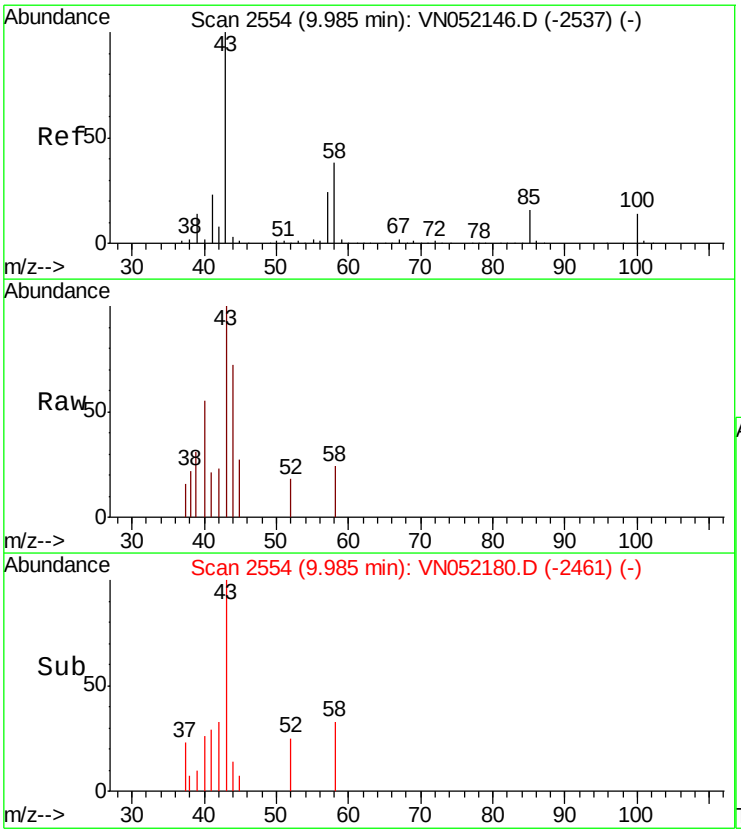
#50
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 98 Resp: 844025

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.4	77.2

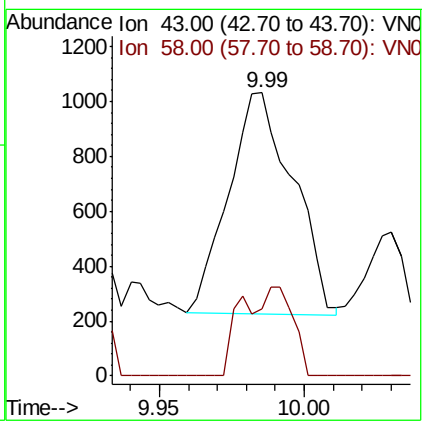


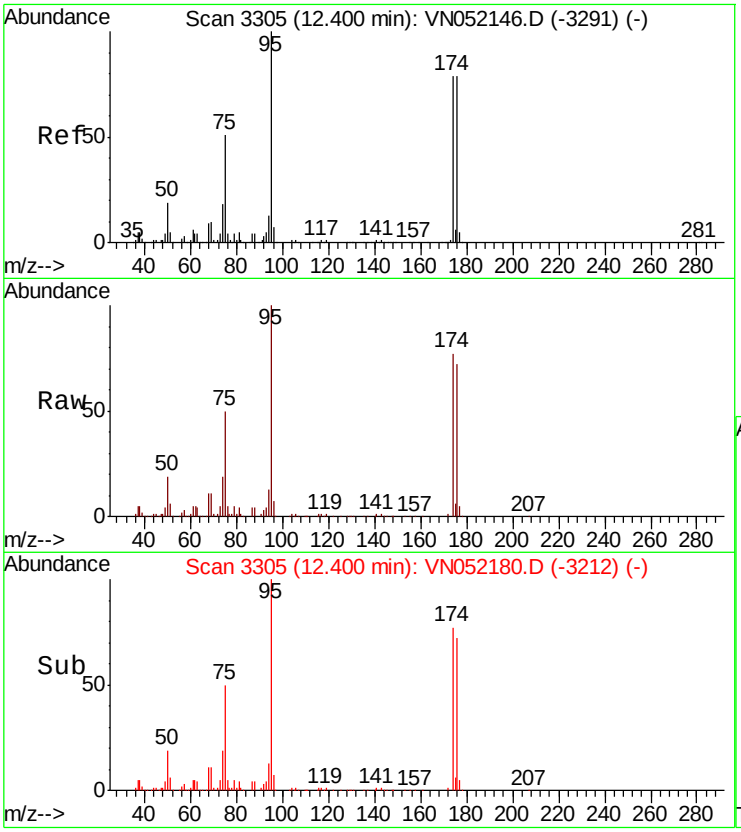


#51
4-Methyl-2-Pentanone
Concen: 0.415 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 43 Resp: 1253

Ion	Ratio	Lower	Upper
43	100		
58	16.3	29.7	44.5#



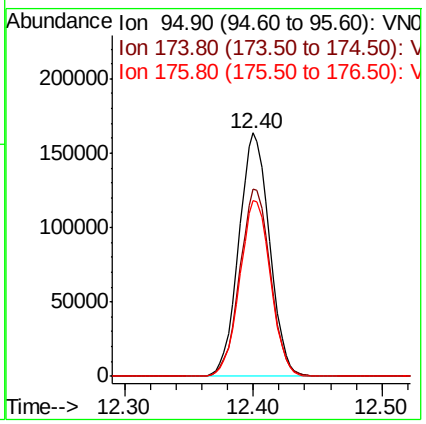


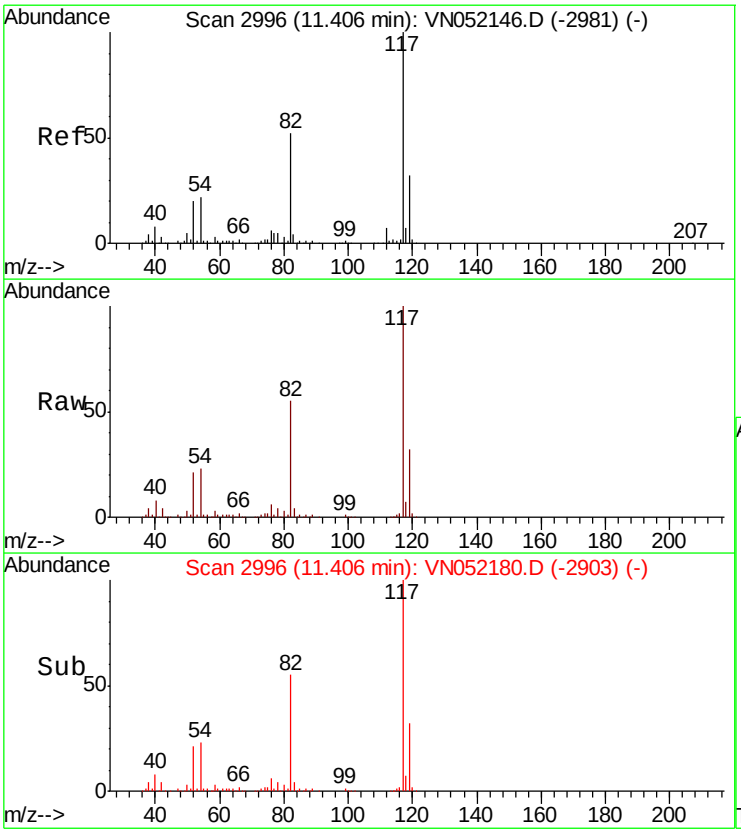
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 95 Resp: 270906

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	131.8
176	72.6	0.0	126.0

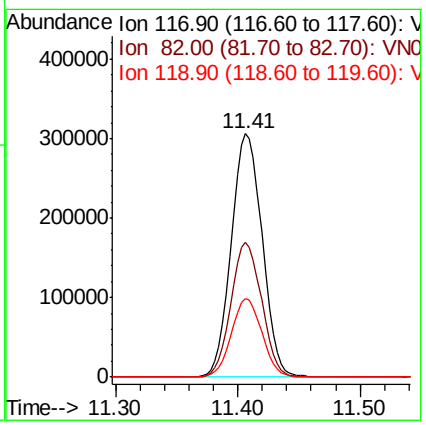


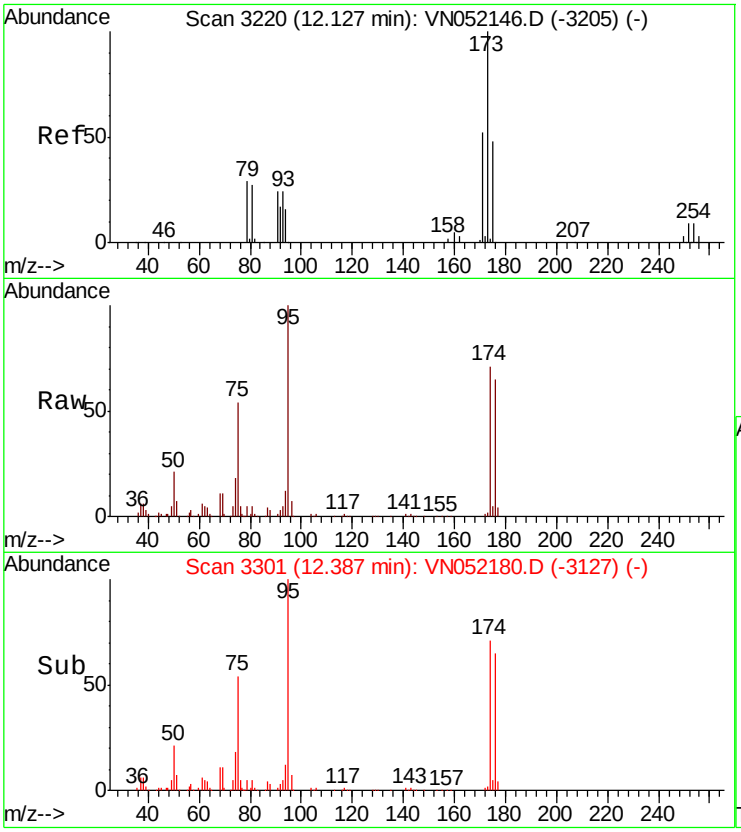


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion:117 Resp: 538327

Ion	Ratio	Lower	Upper
117	100		
82	55.3	49.9	74.9
119	32.4	25.7	38.5



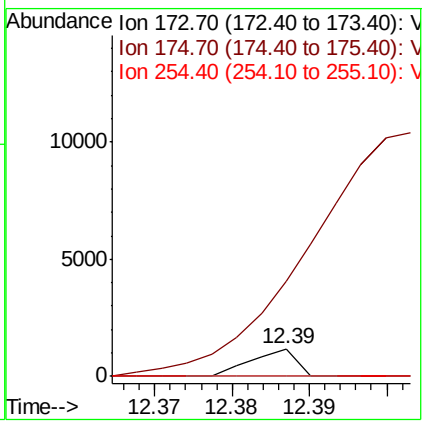


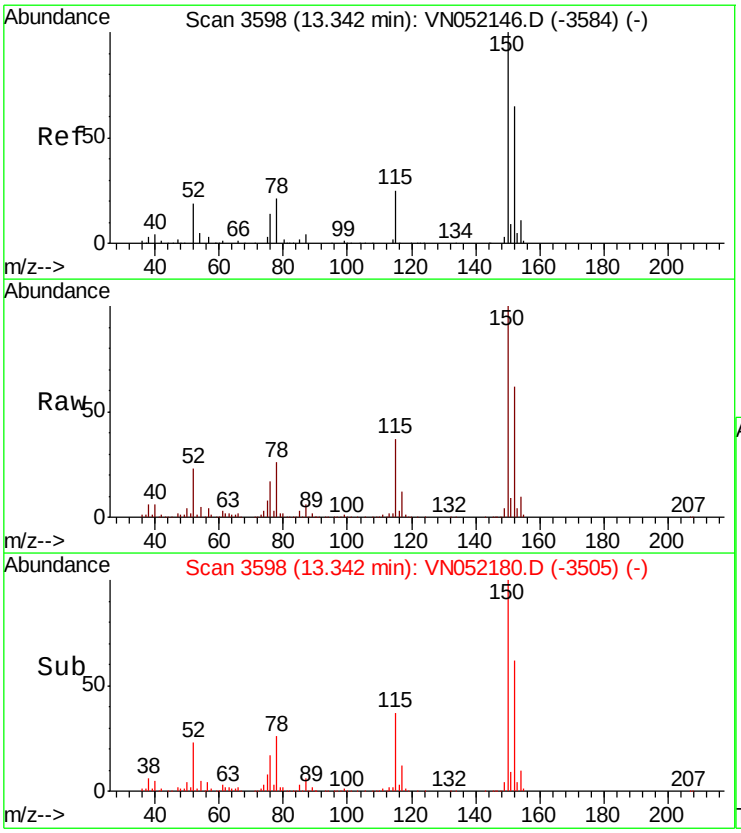
#71
Bromoform
Concen: 2.979 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion:173 Resp: 479

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.9	71.7#
254	0.0	0.0	0.0

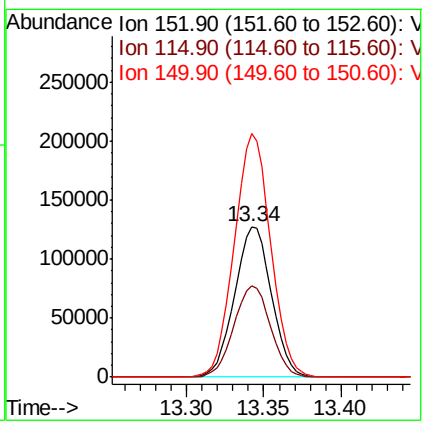


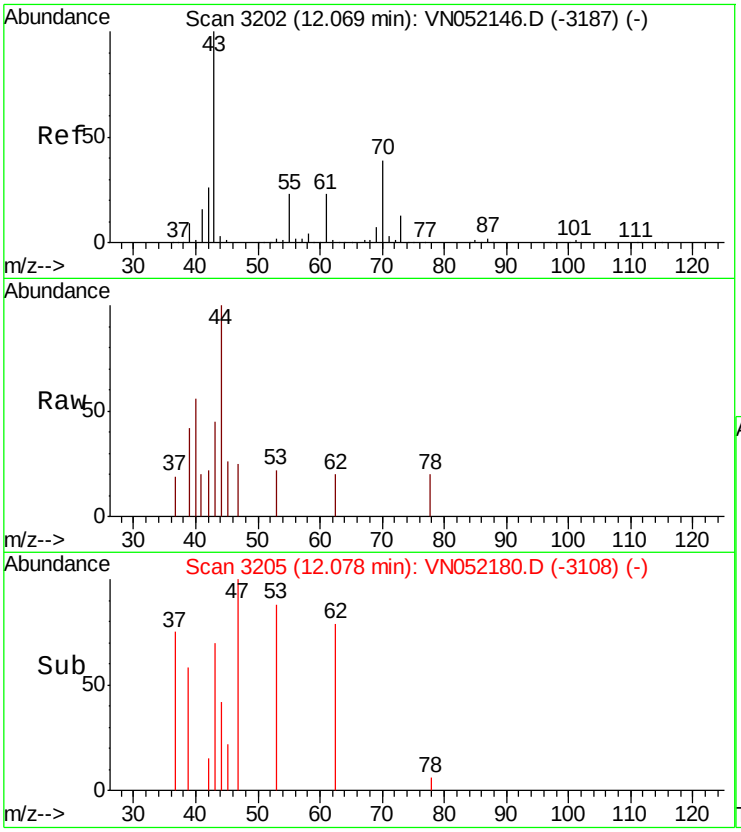


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion:152 Resp: 210747

Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.6	95.0
150	159.6	0.0	345.0



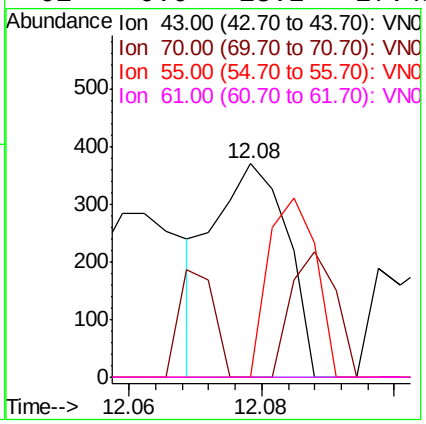


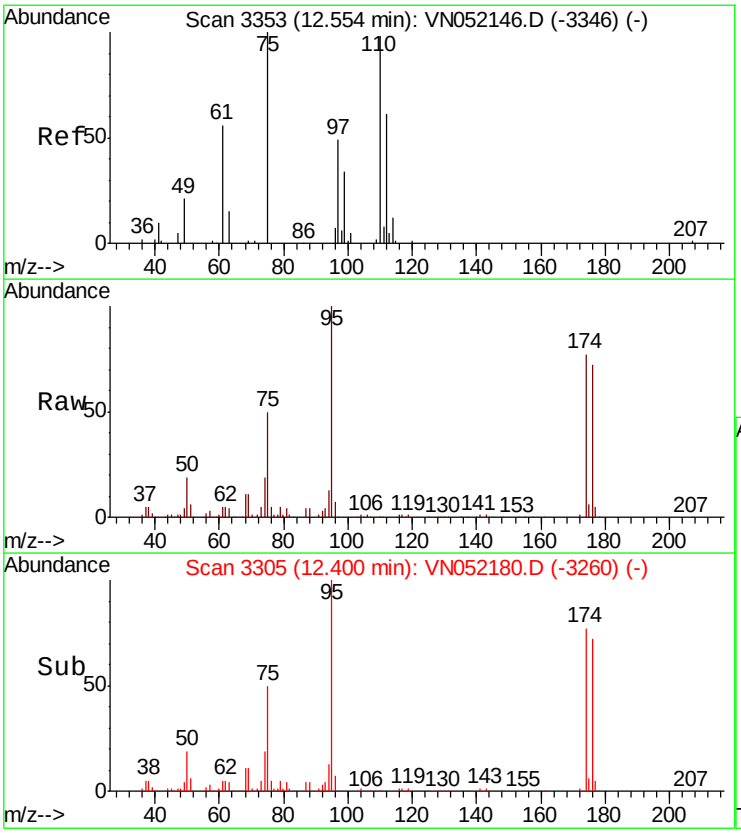
#74
N-amyl acetate
Concen: Below Cal
RT: 12.08 min Scan# 3205
Delta R.T. 0.01 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 43 Resp: 284

Ion	Ratio	Lower	Upper
43	100		
70	36.6	31.9	47.9
55	54.6	18.4	27.6#
61	0.0	18.2	27.4#

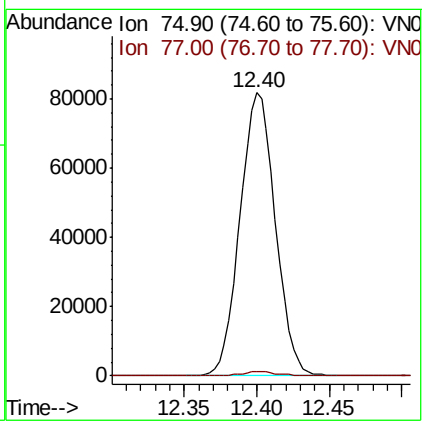


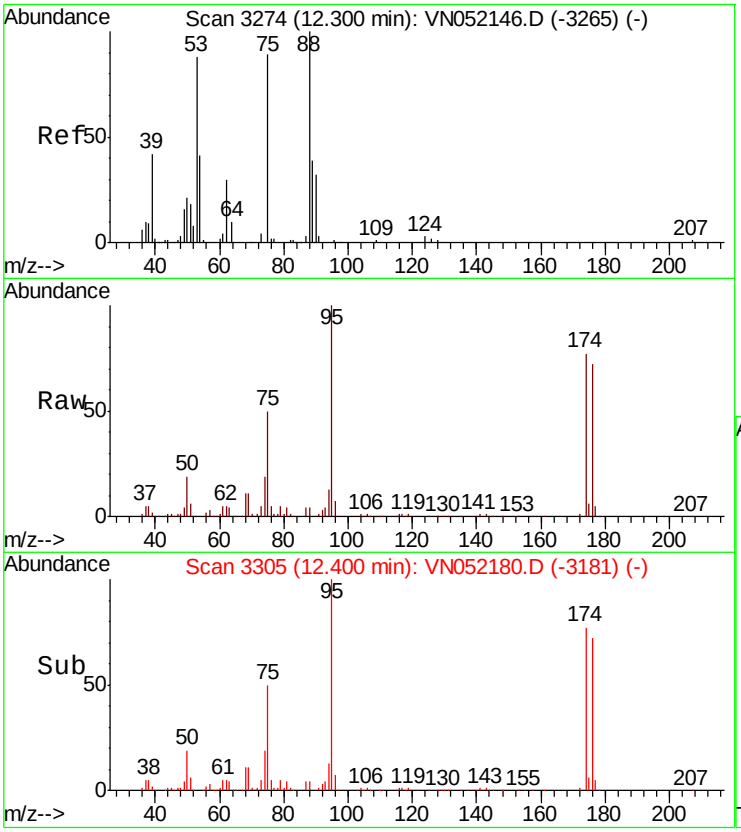


#76
1,2,3-Trichloropropane
Concen: 49.852 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion: 75 Resp: 138866

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



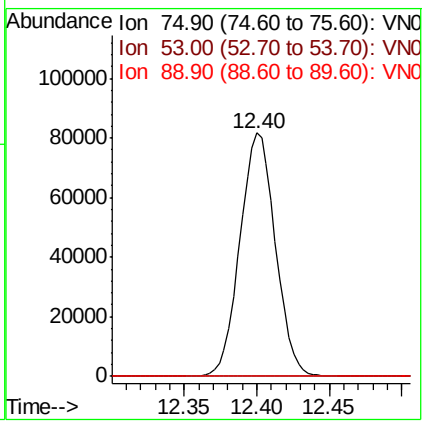


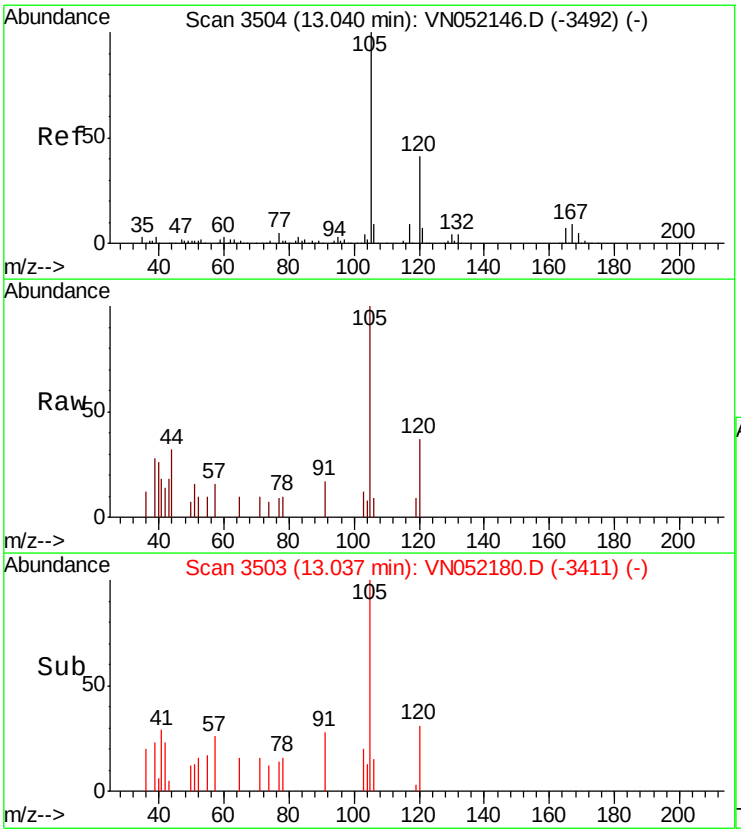
#81
trans-1,4-Dichloro-2-butene
Concen: 149.922 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 75 Resp: 138866

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.8	122.6#
89	0.0	36.6	54.8#

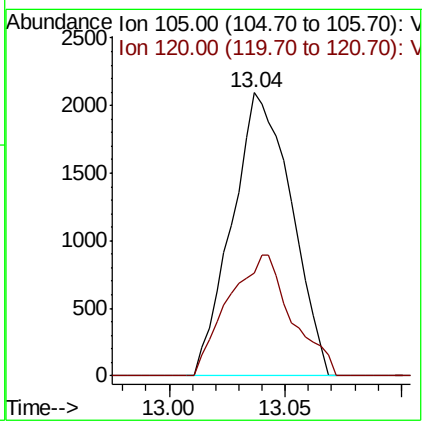


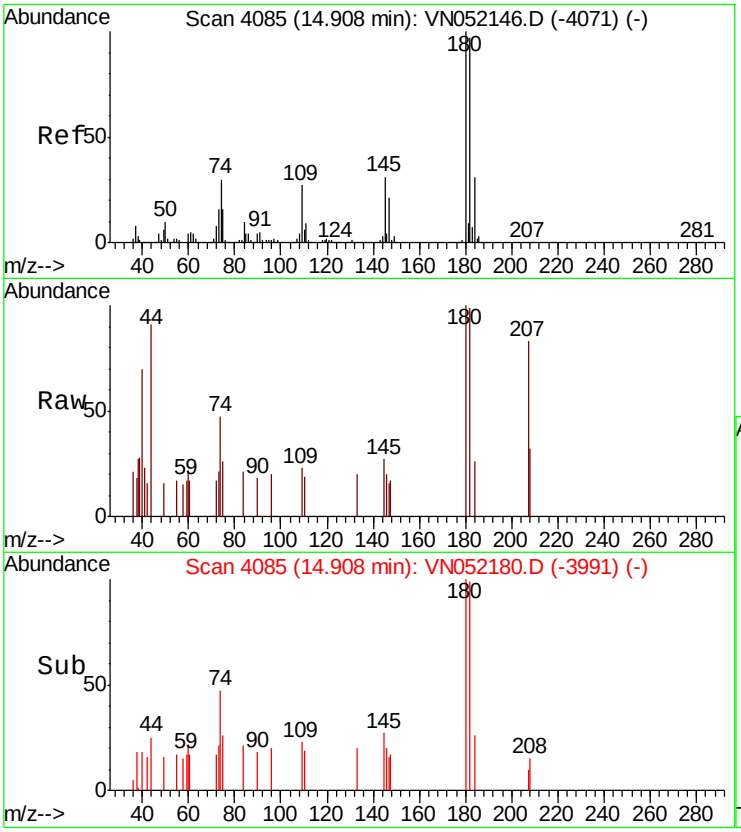


#84
1,2,4-Trimethylbenzene
Concen: 0.291 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion:105 Resp: 3730

Ion	Ratio	Lower	Upper
105	100		
120	45.8	21.9	65.5



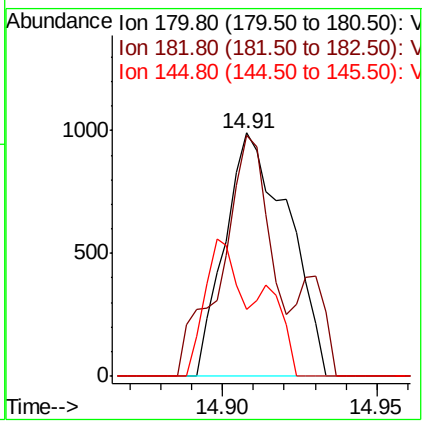


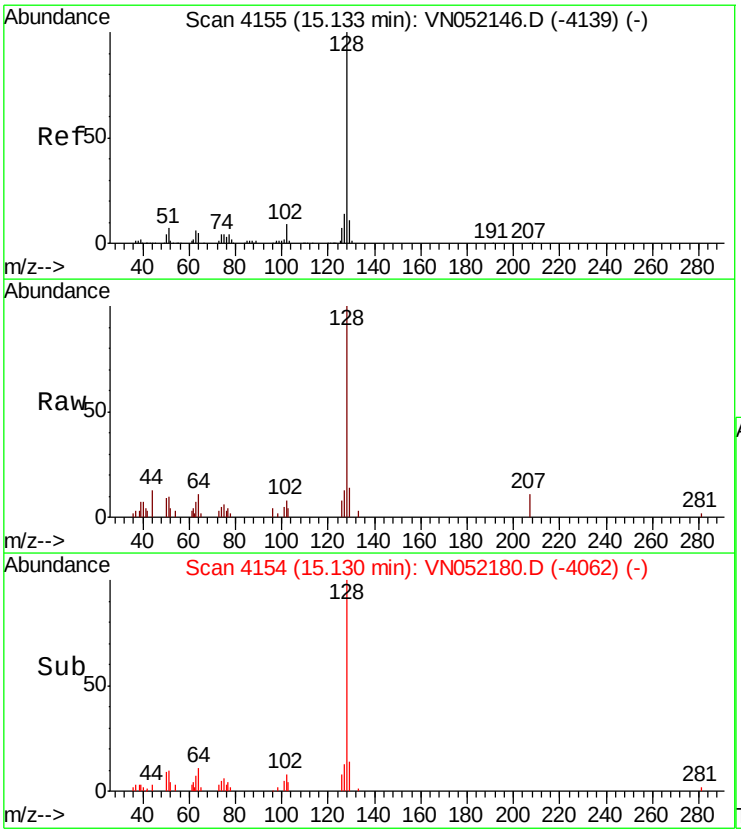
#93
1,2,4-Trichlorobenzene
Concen: 2.690 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion:180 Resp: 1413

Ion	Ratio	Lower	Upper
180	100		
182	75.8	49.1	147.4
145	31.1	16.4	49.2

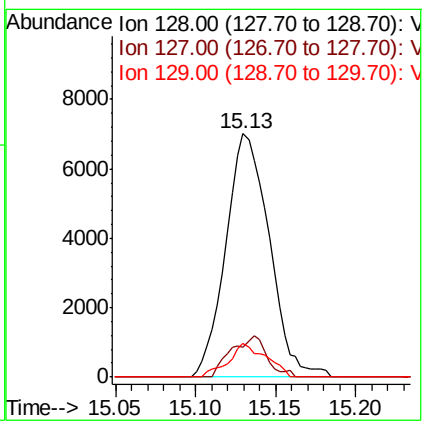


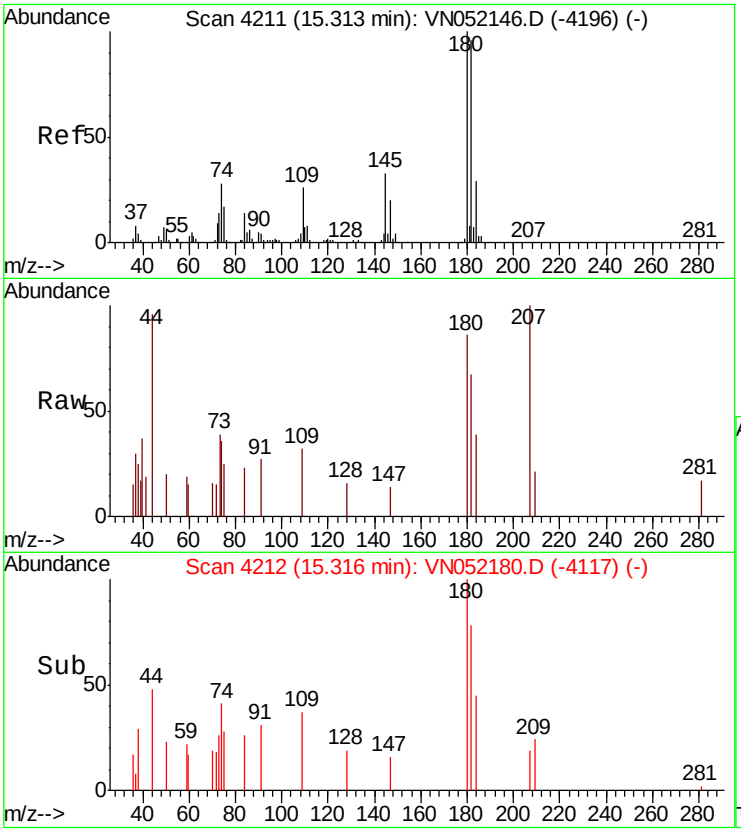


#95
Naphthalene
Concen: 2.014 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Tgt Ion:128 Resp: 12998

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	12.0	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 2.251 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052180.D
Acq: 6 Nov 2018 9:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion:180 Resp: 1381

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.2	141.6#
145	4.7	16.6	49.7#