Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122418\
Data File : VN053186.D
Acq On : 24 Dec 2018 15:40
Operator : MD\SY
Sample : J6188-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : BU-03-122118

Quant Time: Dec 24 22:30:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1253983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1943847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1787395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	721854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	624027	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.08%			
35) Dibromofluoromethane	7.59	113	545169	61.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.80%			
50) Toluene-d8	10.09	98	2406834	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.98%			
62) 4-Bromofluorobenzene	12.40	95	820339	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.04%			
Target Compounds						Qvalue
8) Diethyl Ether	3.41	74	2070	0.283	ug/l	66
13) Acrolein	3.61	56	199	0.283	ug/l #	79
16) Acetone	3.82	43	23759	9.522	ug/l	91
18) Methyl Acetate	4.33	43	5953	1.507	ug/l #	87
20) Methylene Chloride	4.55	84	78462	5.765	ug/l	98
25) 2-Butanone	6.84	43	2473	0.591	ug/l #	76
30) Chloroform	7.37	83	5867	0.254	ug/l	89
31) Cyclohexane	7.67	56	21370	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	81821	4.385	ug/l #	48
38) Carbon Tetrachloride	7.67	117	109886	6.426	ug/l #	16
43) Isopropyl Acetate	8.17	43	45499	1.239	ug/l #	87
45) 1,2-Dichloropropane	9.26	63	3025	0.209	ug/l #	44
48) Methyl methacrylate	9.18	41	15274	1.511	ug/l #	12
49) 1,4-Dioxane	9.27	88	175	1.369	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7173	0.711	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	113552	5.256	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	22582	1.097	ug/l #	42
59) 2-Hexanone	10.76	43	303918	44.534	ug/l #	50
71) Bromoform	12.40	173	4835	0.486	ug/l #	1
74) N-amyl acetate	11.88	43	36417	2.322	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	380959	31.350	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11574	0.251	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	380959	101.046	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	11088	0.240	ug/l	97
90) Hexachloroethane	13.89	117	2166	0.297	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	948	0.668	ug/l #	1
94) Hexachlorobutadiene	15.01	225	101	Below Cal	#	57
95) Naphthalene	15.13	128	26970	2.075	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	931	0.587	ug/l #	79

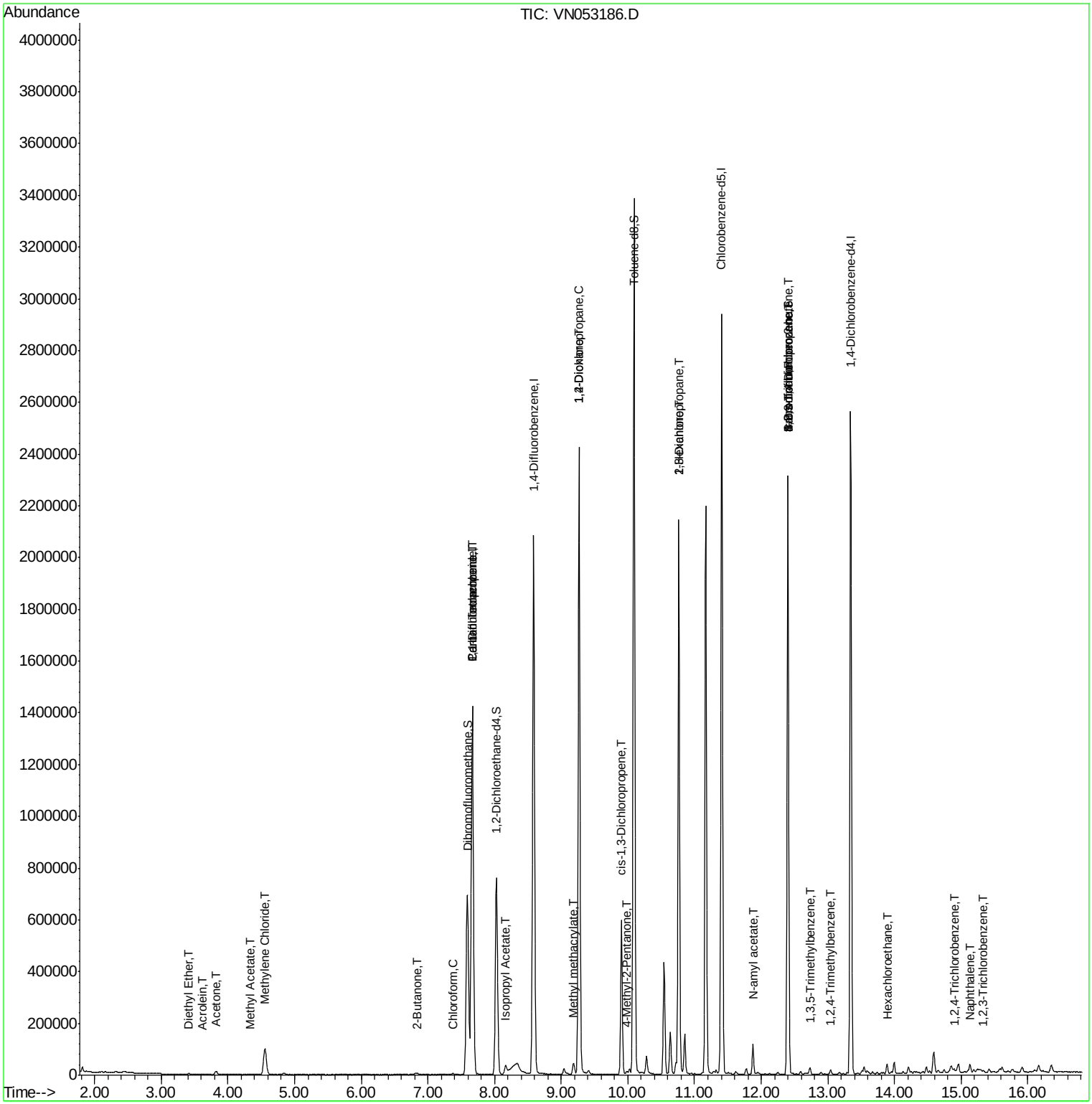
(#) = qualifier out of range (m) = manual integration (+) = signals summed

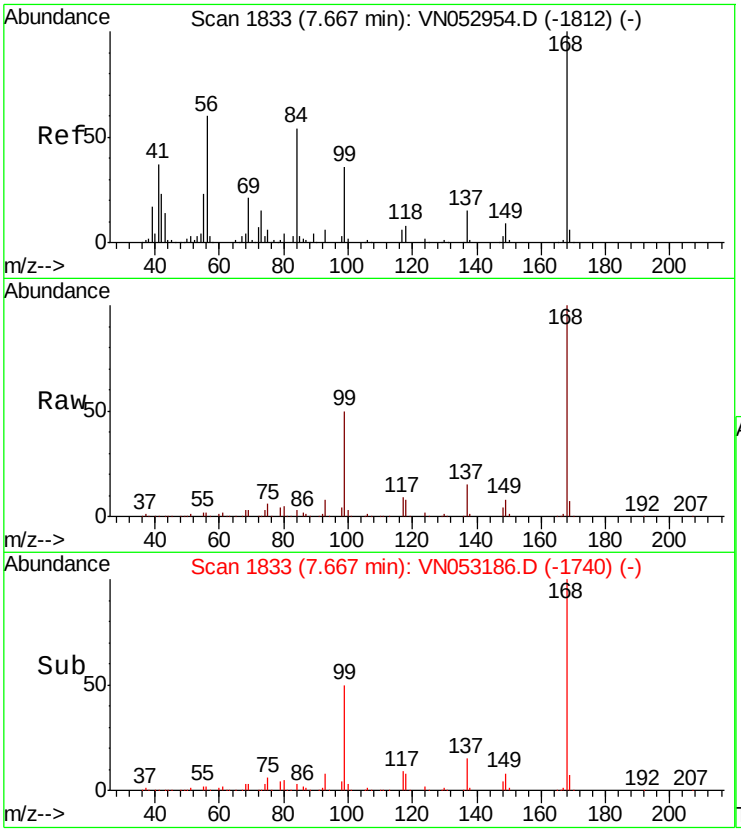
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122418\
Data File : VN053186.D
Acq On : 24 Dec 2018 15:40
Operator : MD\SY
Sample : J6188-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Quant Time: Dec 24 22:30:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



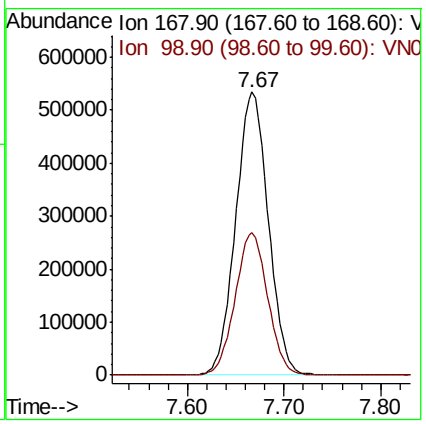


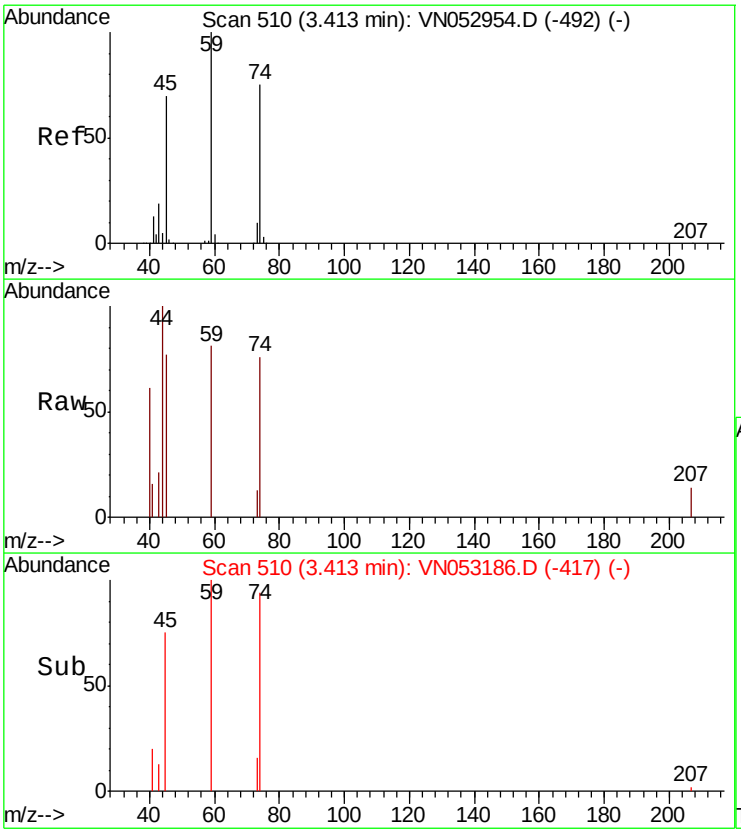
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion:168 Resp: 1253983

Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.2	60.2

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

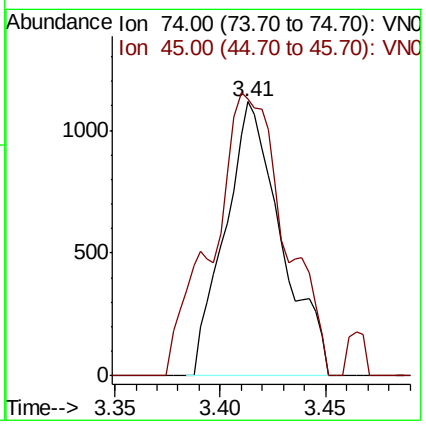


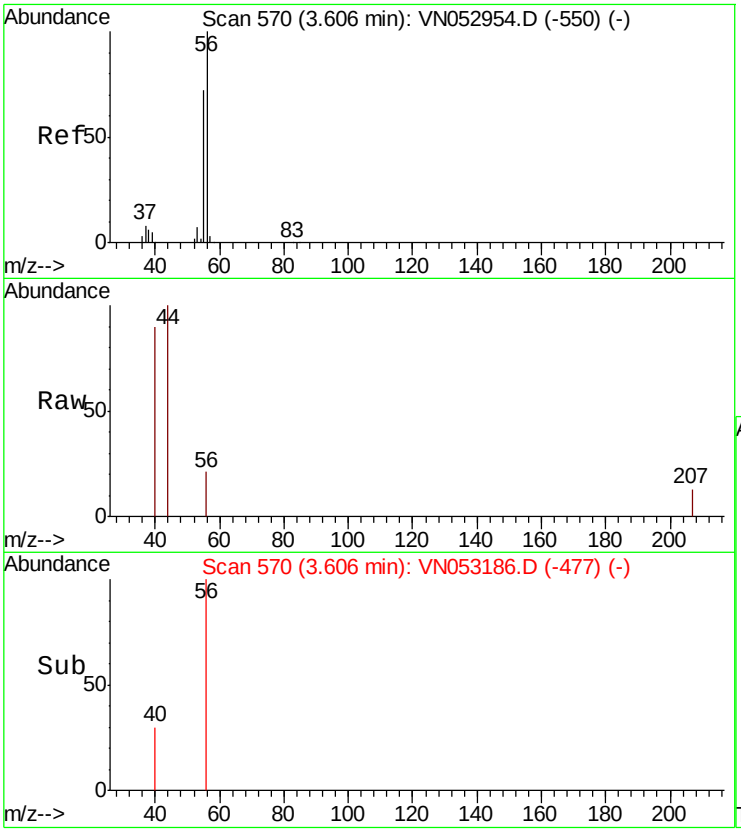


#8
Diethyl Ether
Concen: 0.283 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 74 Resp: 2070

Ion	Ratio	Lower	Upper
74	100		
45	132.9	49.4	148.0



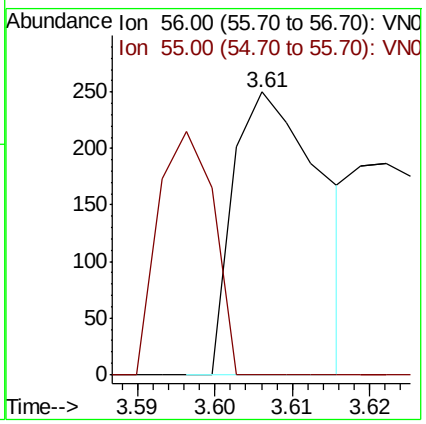


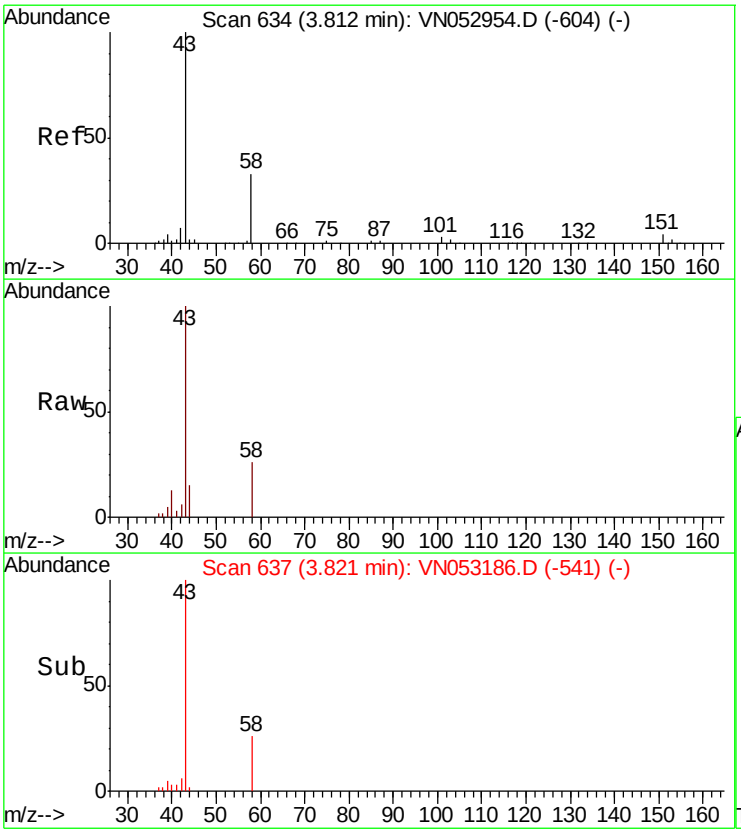
#13
Acrolein
Concen: 0.283 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion: 56 Resp: 199

Ion	Ratio	Lower	Upper
56	100		
55	53.8	56.6	85.0#

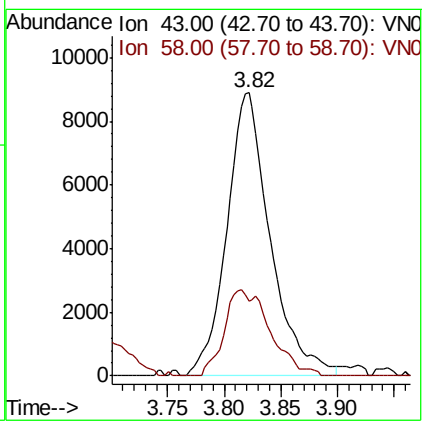


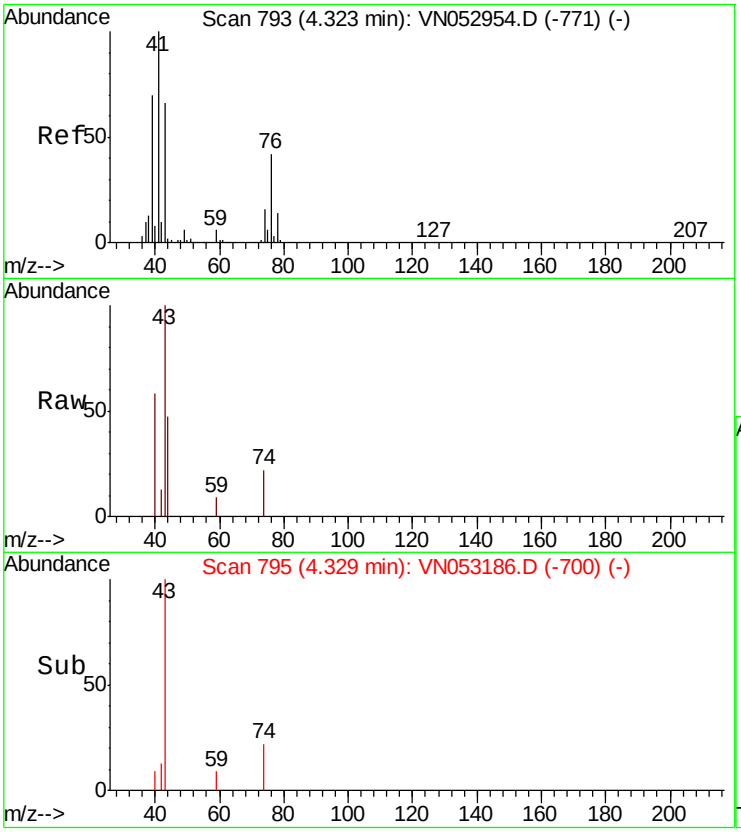


#16
Acetone
Concen: 9.522 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 43 Resp: 23759

Ion	Ratio	Lower	Upper
43	100		
58	26.5	25.4	38.0



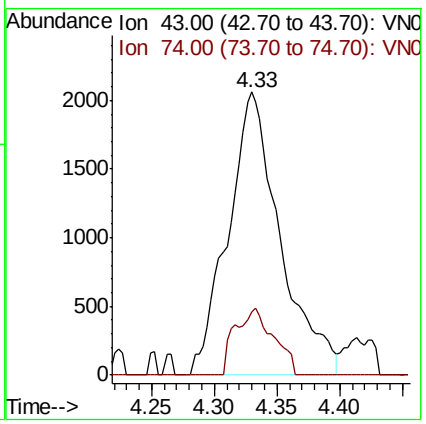


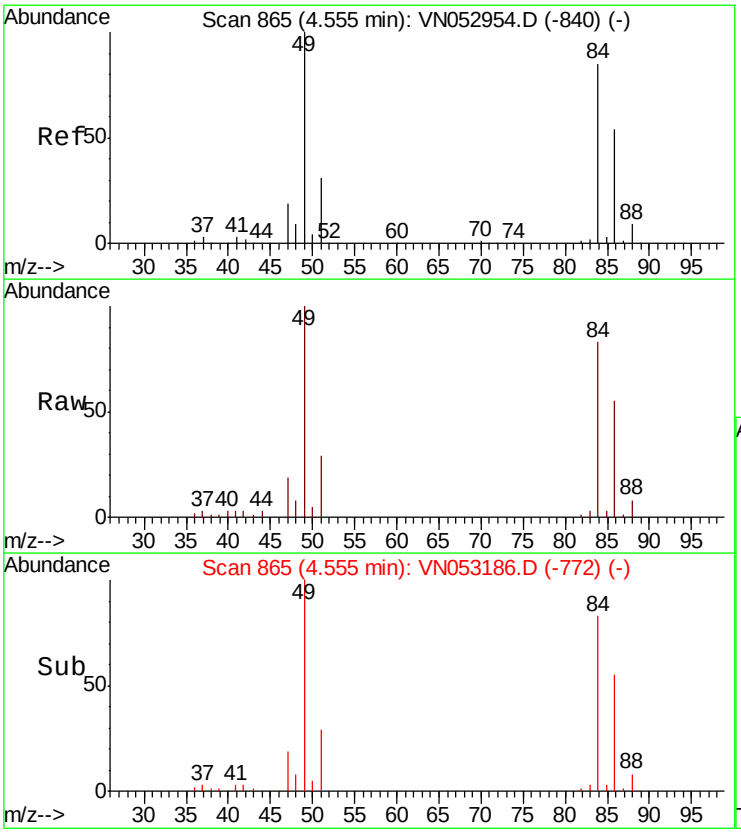
#18
Methyl Acetate
Concen: 1.507 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument : MSVOA_N
ClientSampleId : BU-03-122118

Tgt Ion: 43 Resp: 5953

Ion	Ratio	Lower	Upper
43	100		
74	17.6	19.2	28.8#

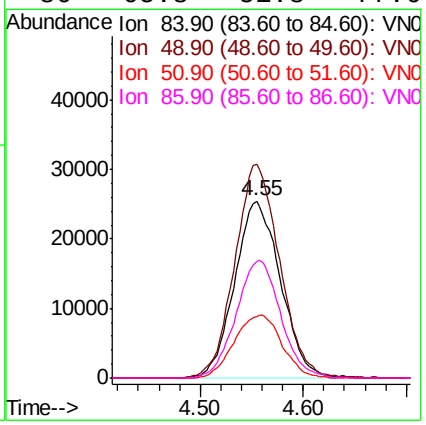


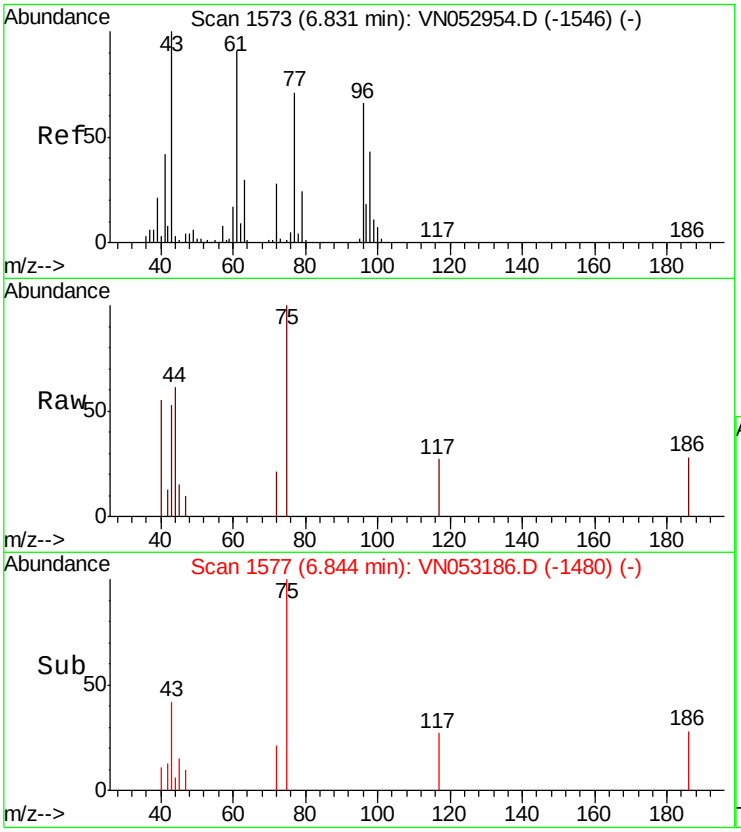


#20
Methylene Chloride
Concen: 5.765 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 84 Resp: 78462

Ion	Ratio	Lower	Upper
84	100		
49	120.0	96.8	145.2
51	34.8	29.9	44.9
86	65.8	51.8	77.6



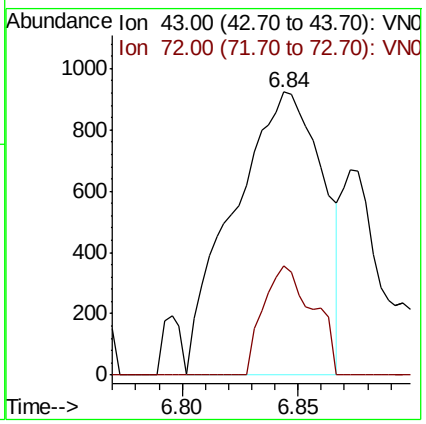


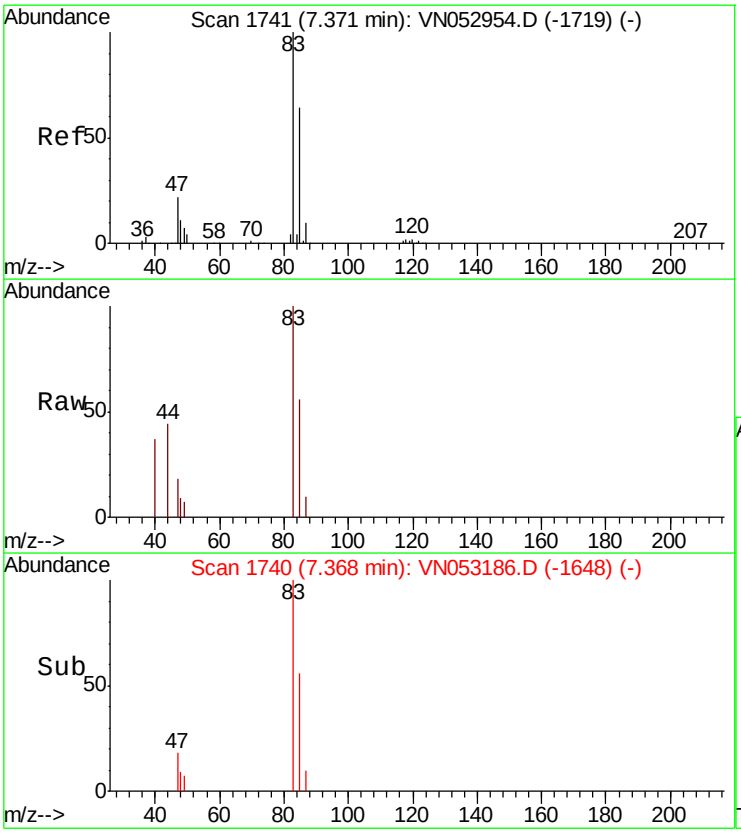
#25
2-Butanone
Concen: 0.591 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion: 43 Resp: 2473

Ion	Ratio	Lower	Upper
43	100		
72	38.6	21.0	31.6#

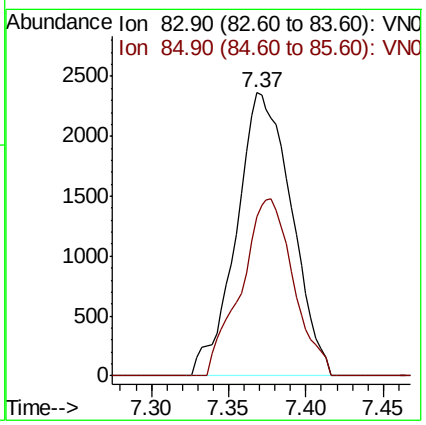


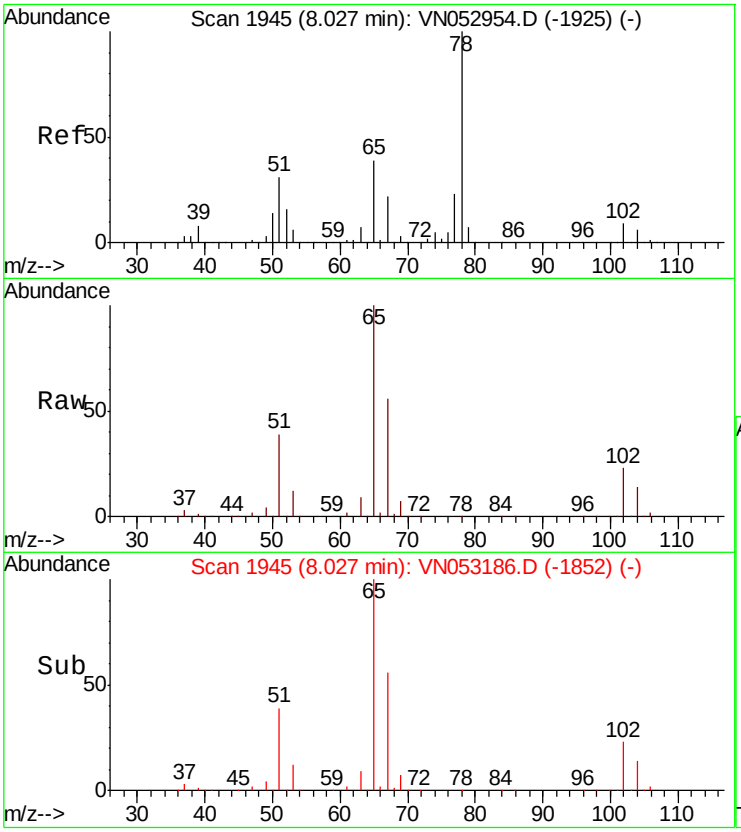


#30
Chloroform
Concen: 0.254 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 83 Resp: 5867

Ion	Ratio	Lower	Upper
83	100		
85	56.5	52.1	78.1



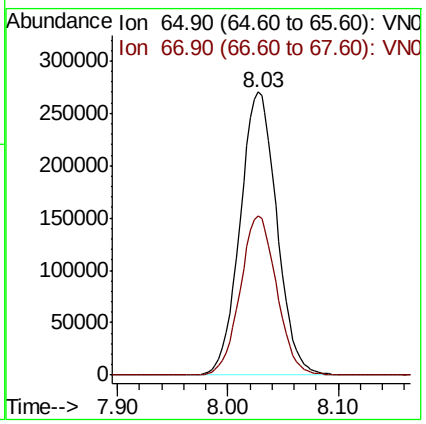


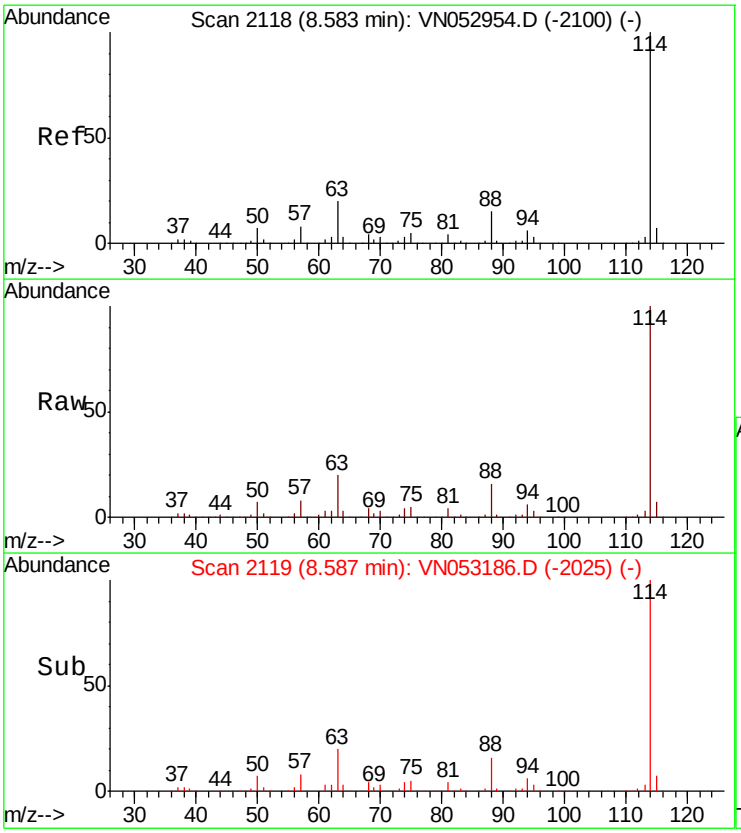
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 65 Resp: 624027

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	110.4

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

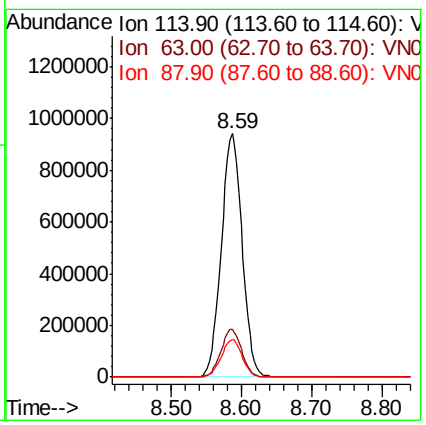


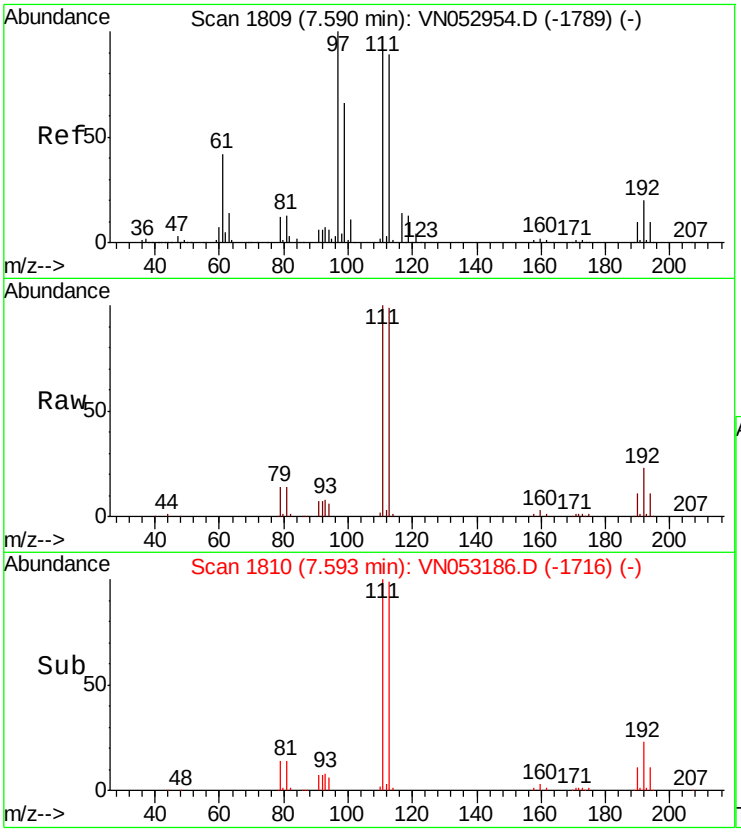


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion:114 Resp: 1943847

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.7	0.0	31.0



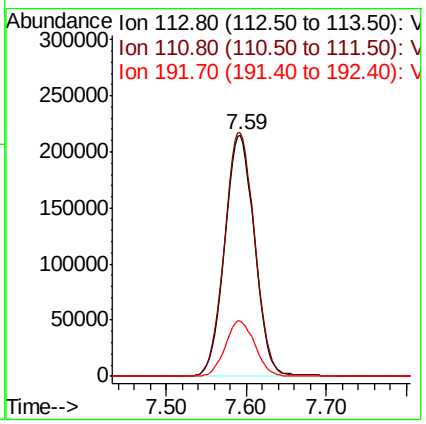


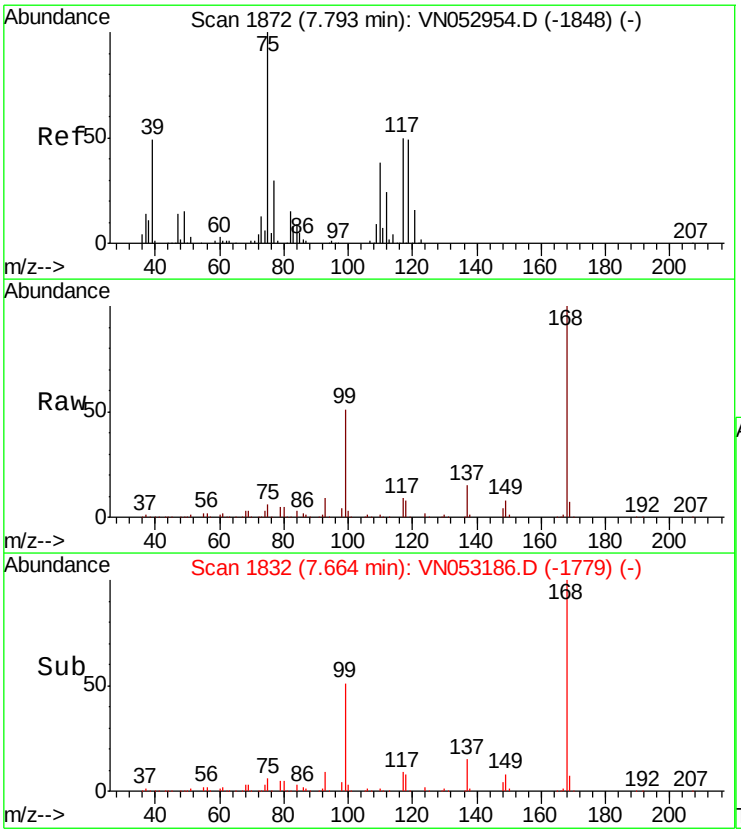
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion:113 Resp: 545169

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	22.7	17.5	26.3

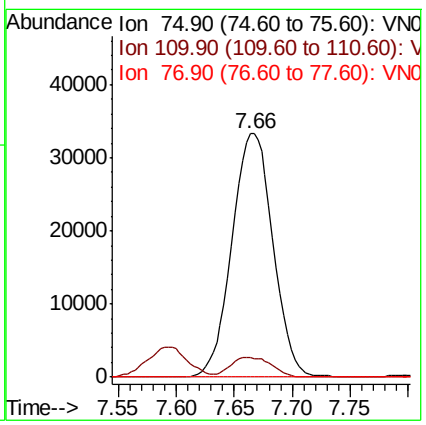


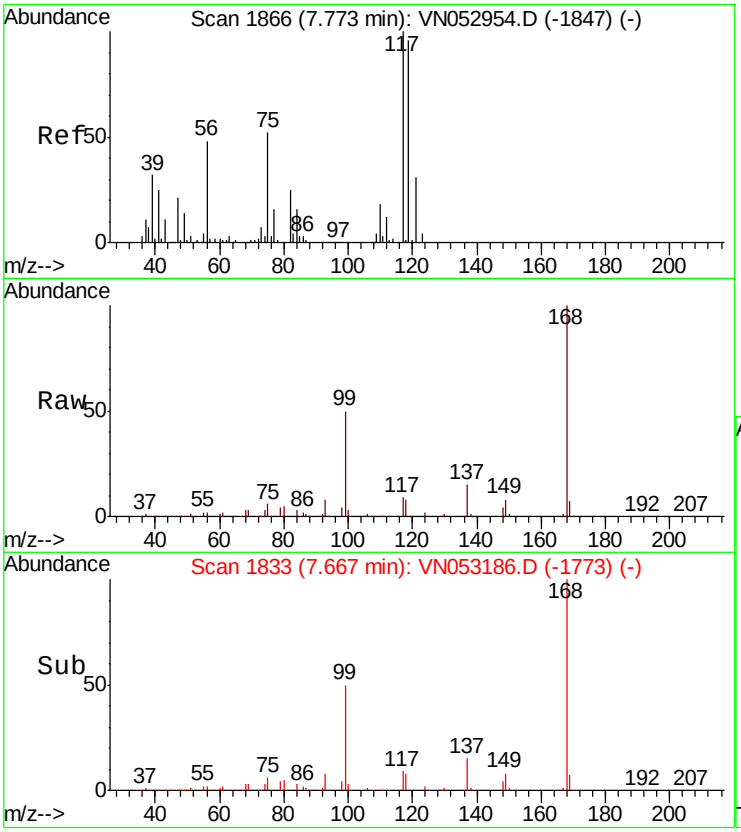


#36
1,1-Dichloropropene
Concen: 4.385 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 75 Resp: 81821

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.2	54.6#
77	0.0	24.9	37.3#



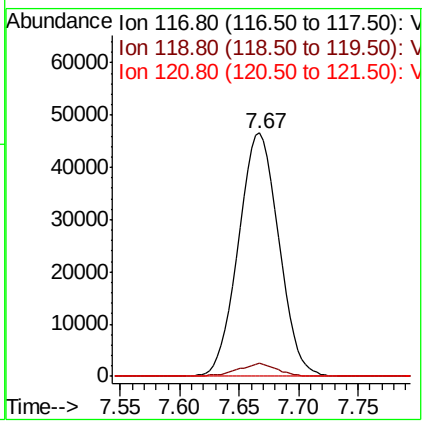


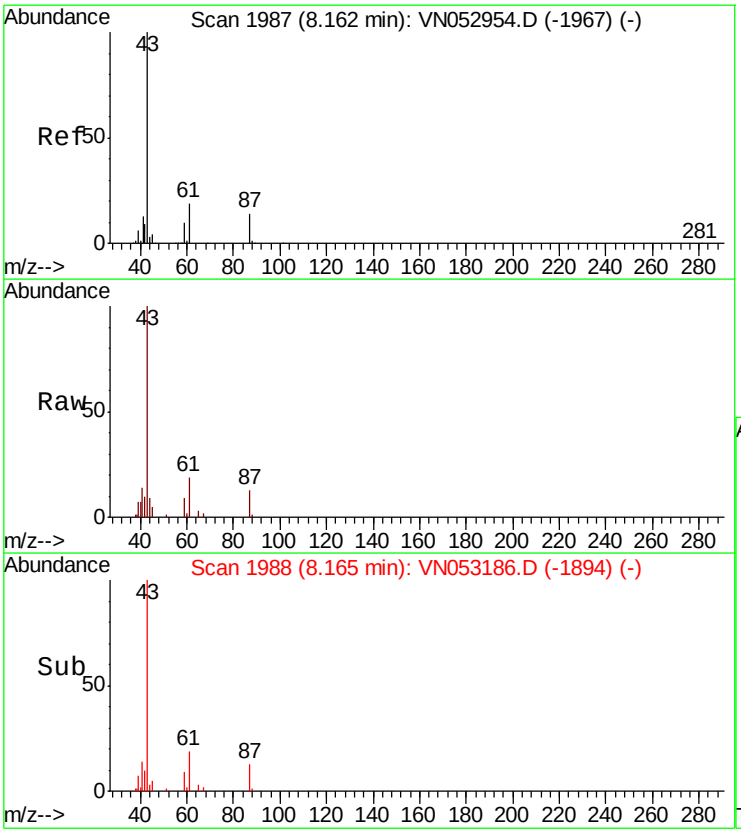
#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion:117 Resp: 109886

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.1	115.7#
121	0.0	24.9	37.3#

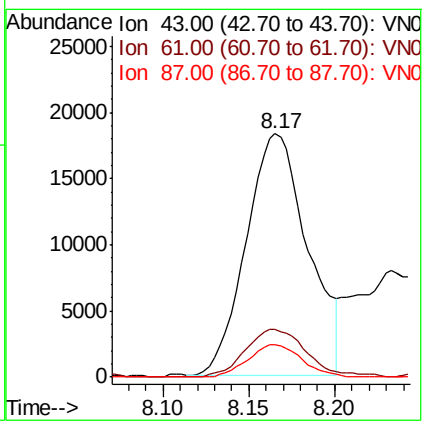


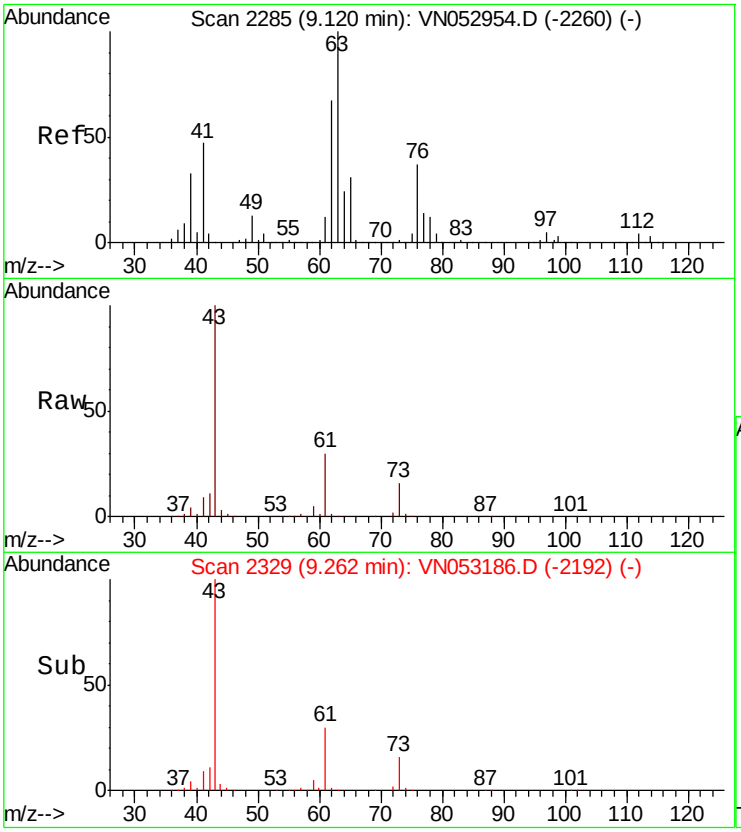


#43
Isopropyl Acetate
Concen: 1.239 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 43 Resp: 45499

Ion	Ratio	Lower	Upper
43	100		
61	19.7	22.9	34.3#
87	11.8	10.6	15.8



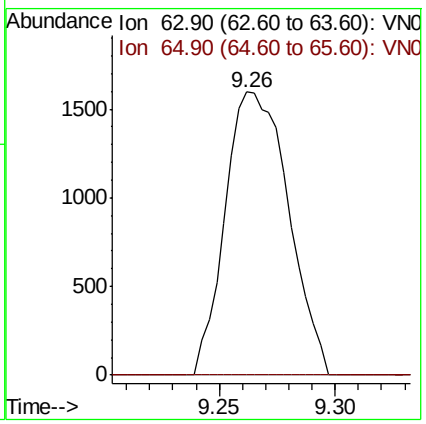


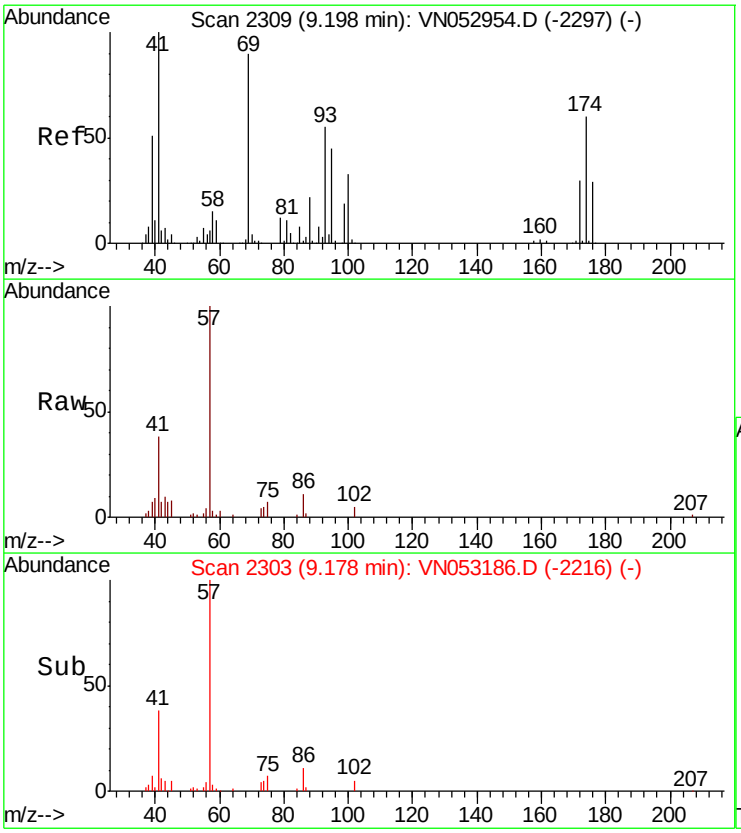
#45
1,2-Dichloropropane
Concen: 0.209 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.14 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument : MSVOA_N
ClientSampleId : BU-03-122118

Tgt Ion: 63 Resp: 3025

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#

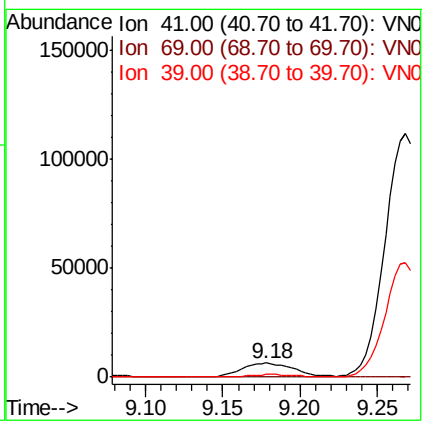


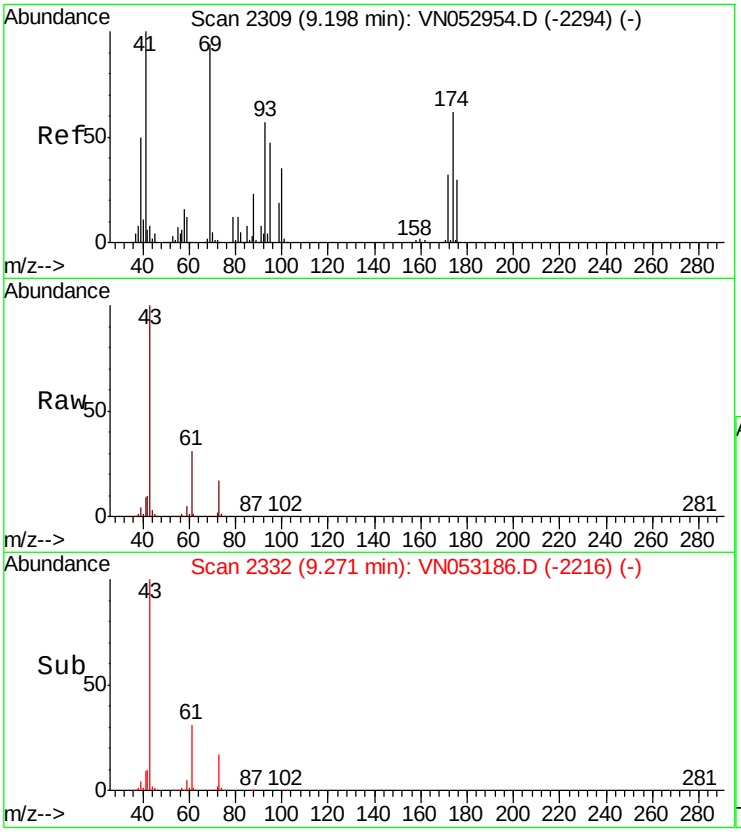


#48
Methyl methacrylate
Concen: 1.511 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 41 Resp: 15274

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	0.0	41.9	62.9#



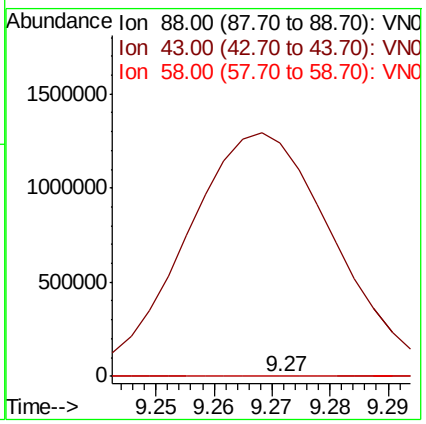


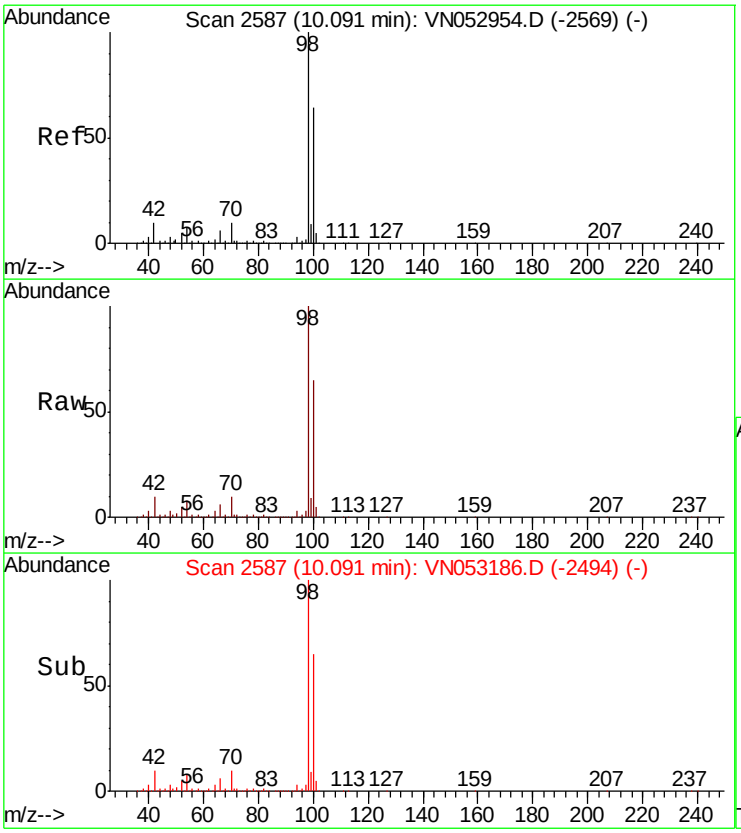
#49
1,4-Dioxane
Concen: 1.369 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion: 88 Resp: 175

Ion	Ratio	Lower	Upper
88	100		
43	1347833.7	26.6	40.0#
58	5632.0	58.4	87.6#

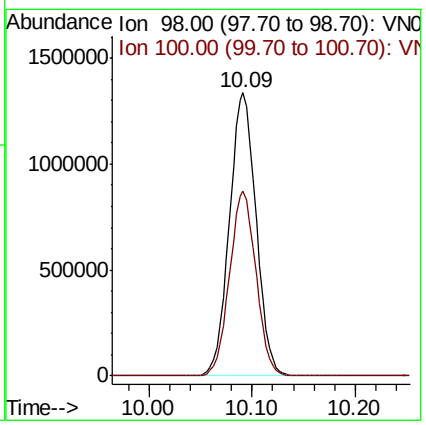


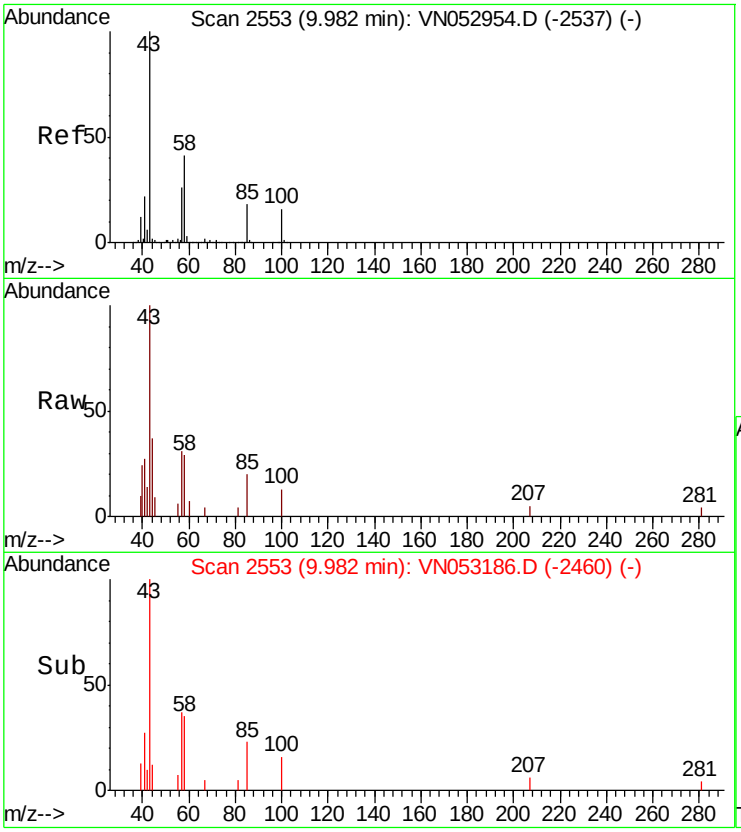


#50
Toluene-d8
Concen: 1.369 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 98 Resp: 2406834

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4



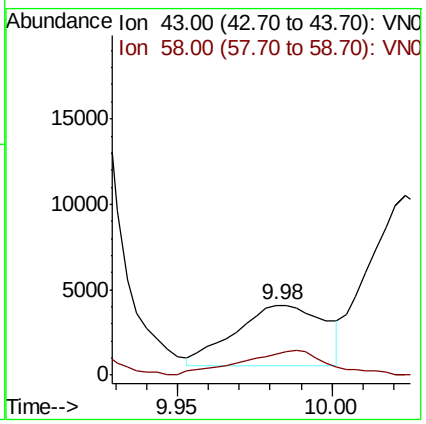


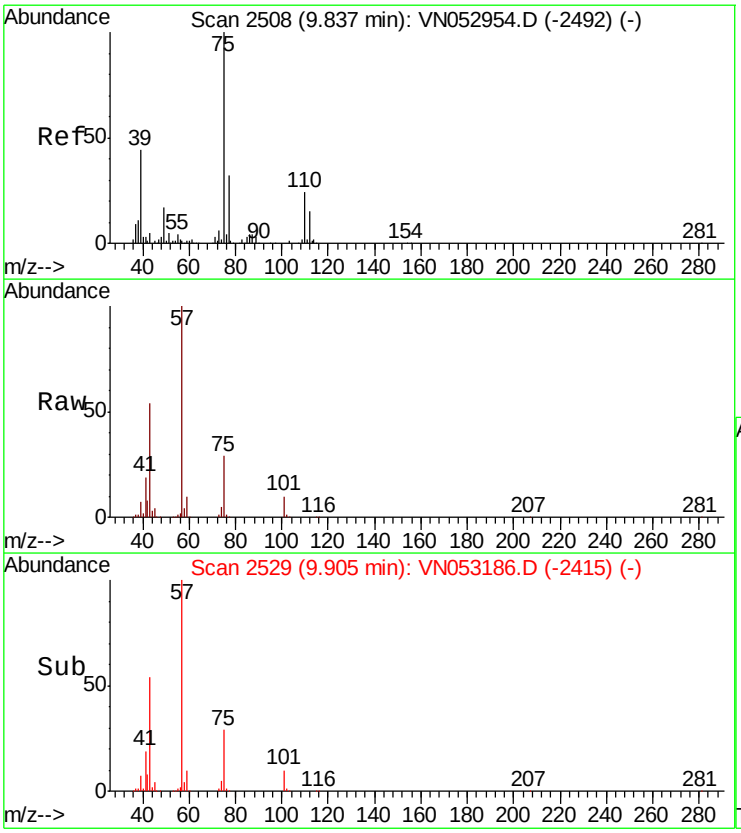
#51
4-Methyl-2-Pentanone
Concen: 0.711 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument : MSVOA_N
ClientSampleId : BU-03-122118

Tgt Ion: 43 Resp: 7173

Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.2	48.4

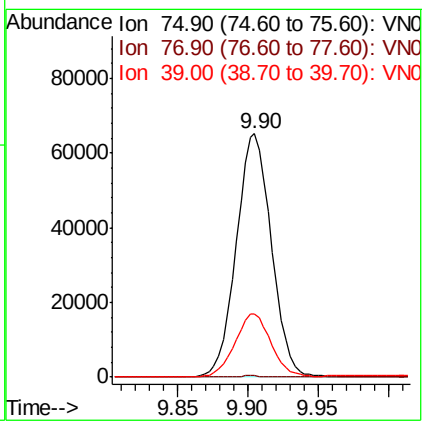


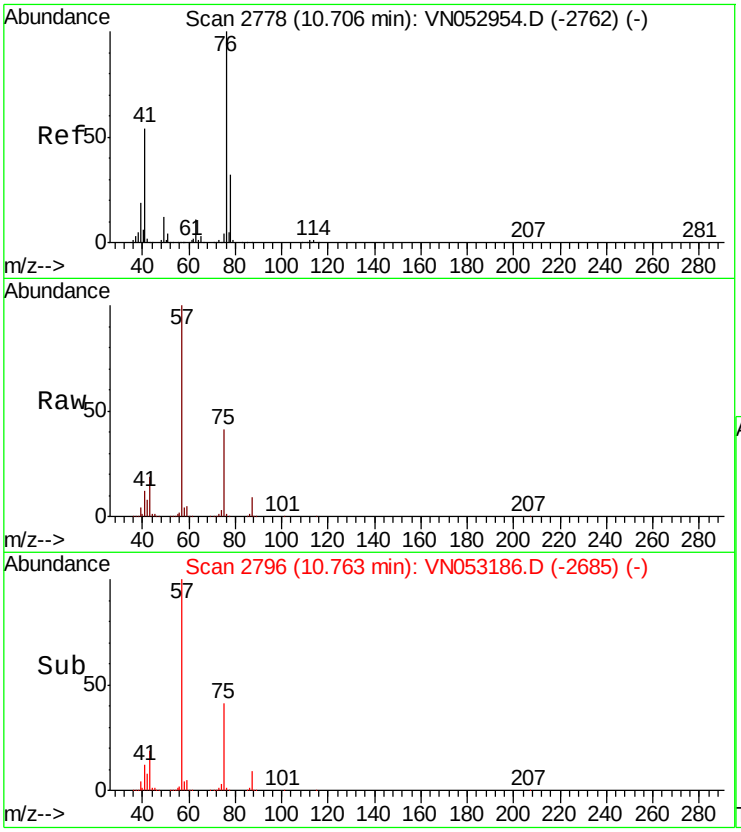


#54
cis-1,3-Dichloropropene
Concen: 5.256 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 75 Resp: 113552

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.8#
39	25.8	34.8	52.2#



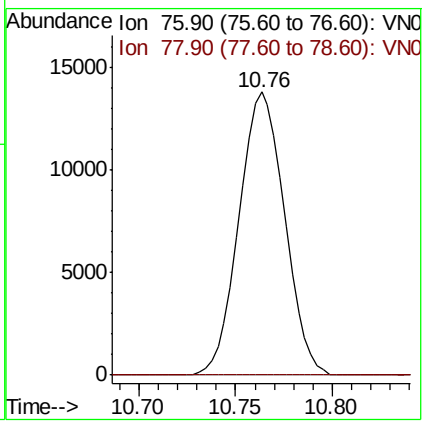


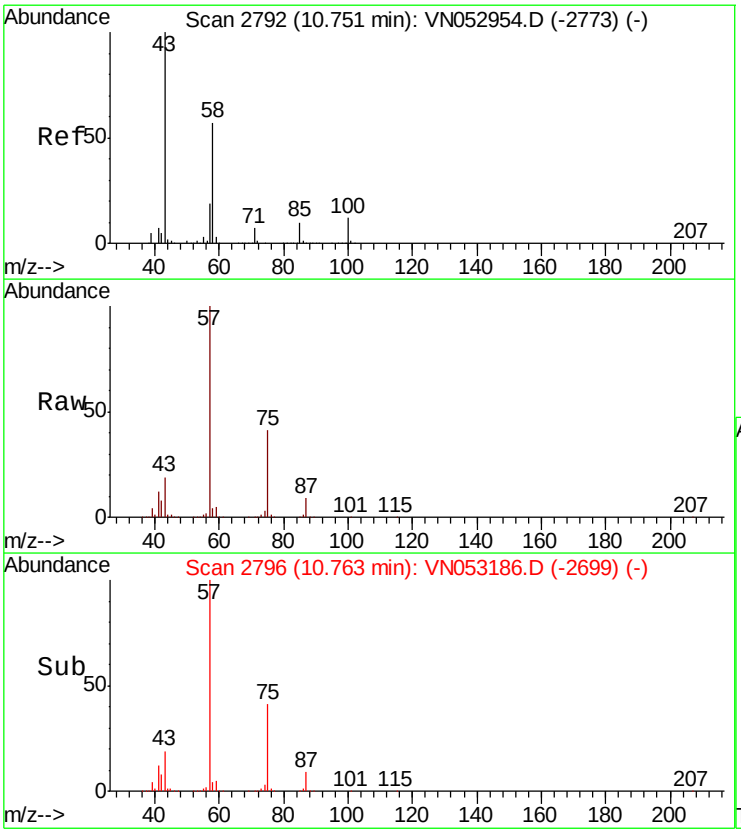
#57
1,3-Dichloropropane
Concen: 1.097 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion: 76 Resp: 22582

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

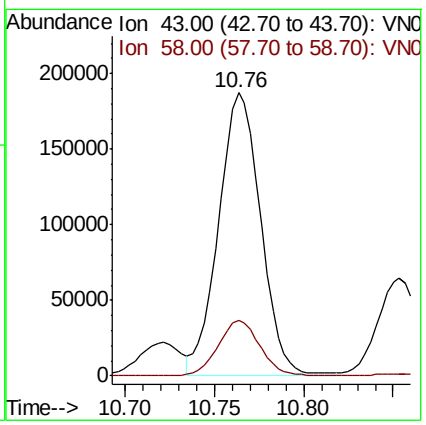


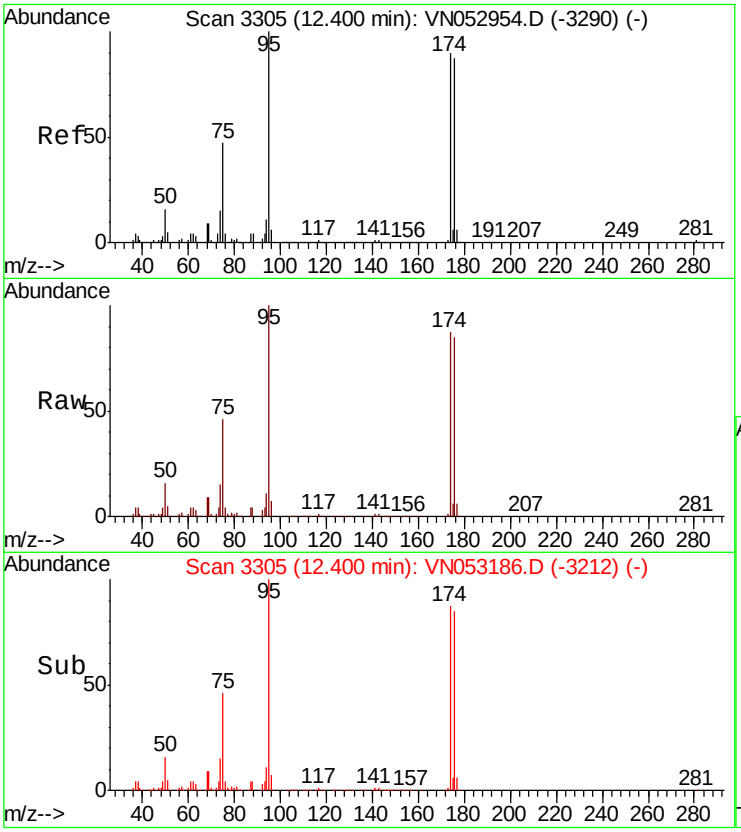


#59
2-Hexanone
Concen: 44.534 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 43 Resp: 303918

Ion	Ratio	Lower	Upper
43	100		
58	19.6	28.1	84.3#



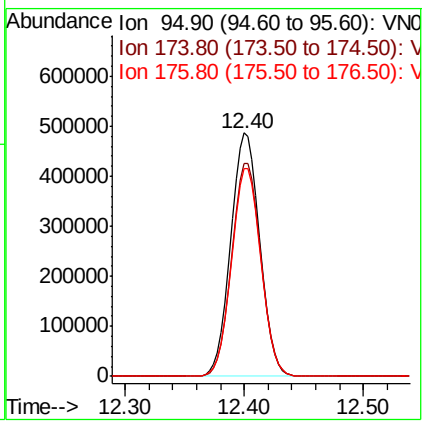


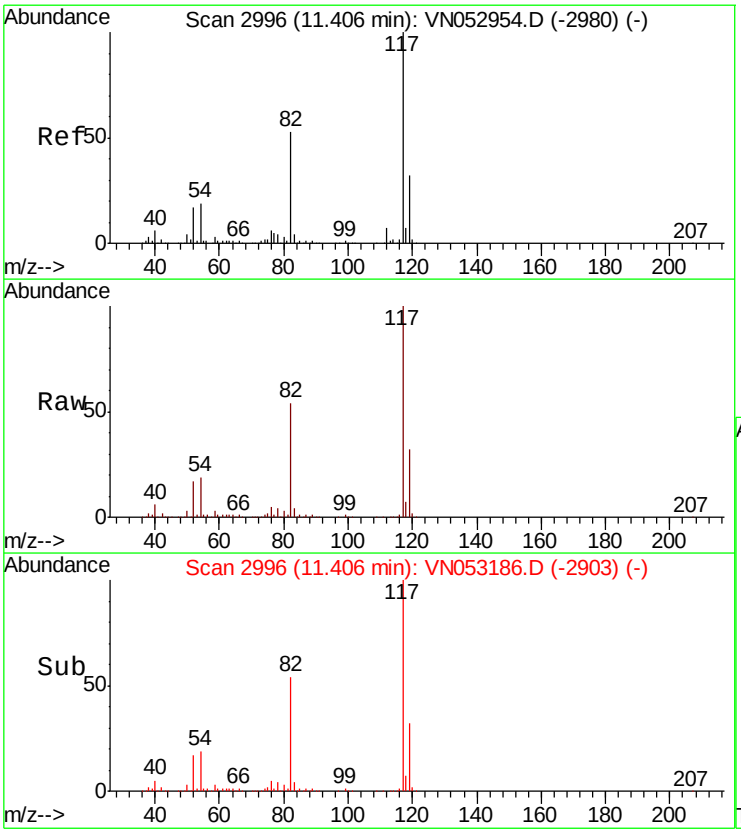
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument : MSVOA_N
ClientSampleId : BU-03-122118

Tgt Ion: 95 Resp: 820339

Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	178.8
176	86.3	0.0	173.8

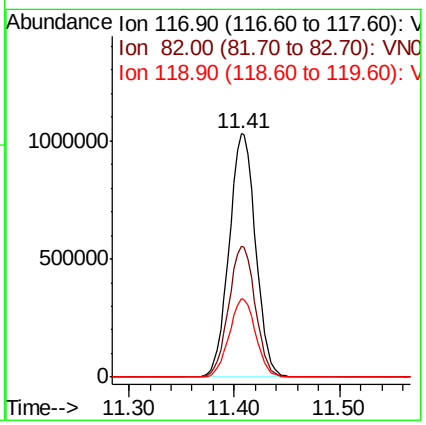


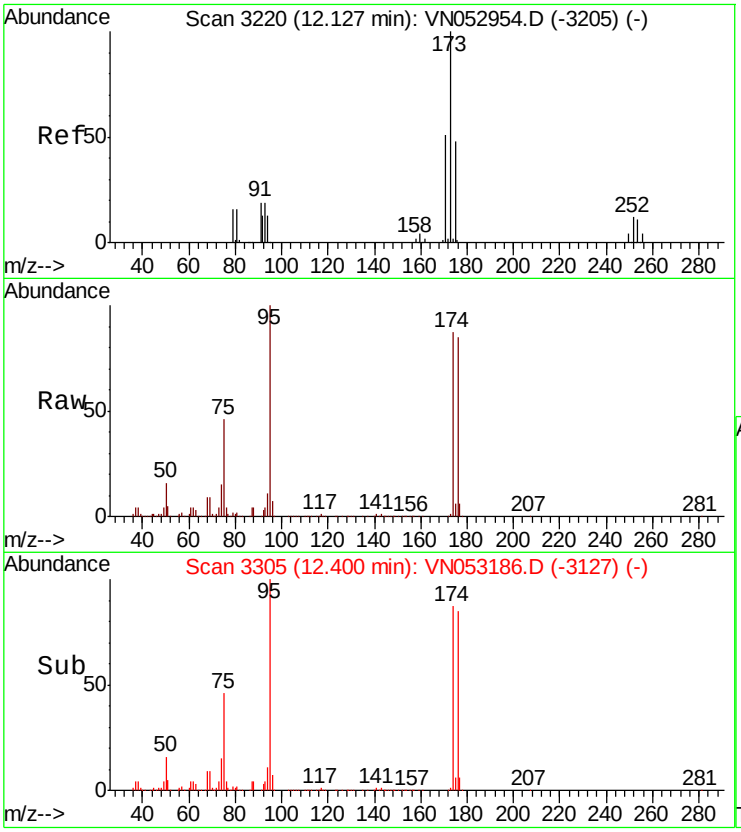


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion:117 Resp: 1787395

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.8	64.2
119	32.0	25.5	38.3



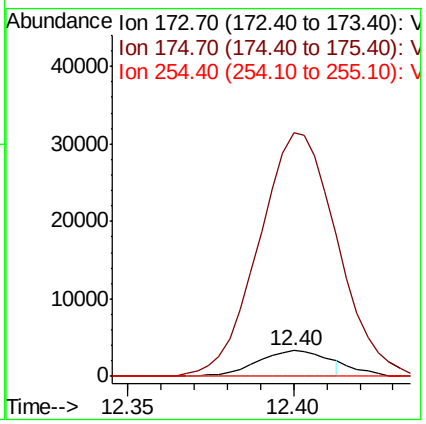


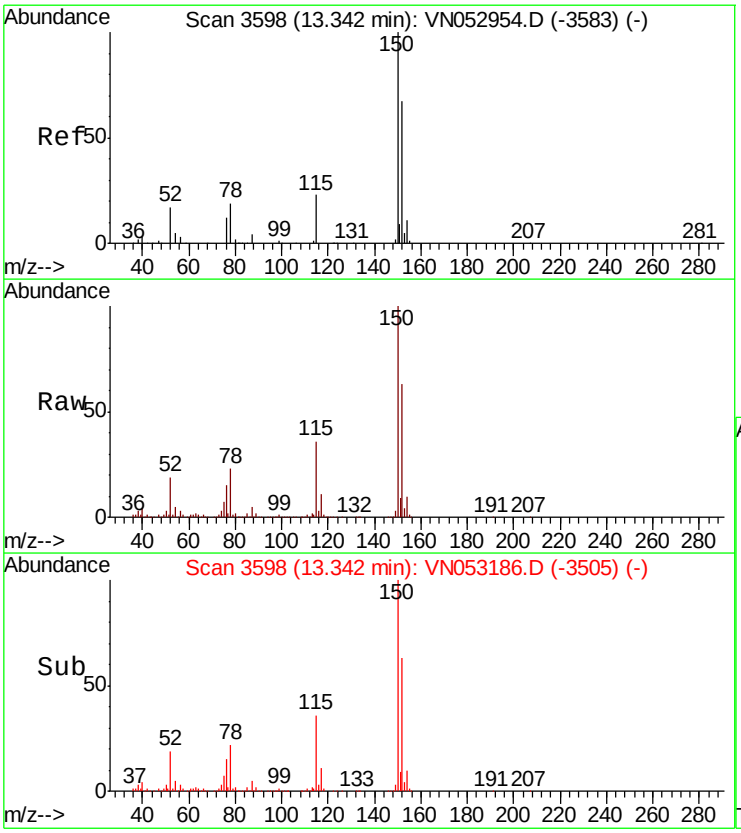
#71
Bromoform
Concen: 0.486 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion:173 Resp: 4835

Ion	Ratio	Lower	Upper
173	100		
175	943.7	24.3	72.9#
254	0.0	0.1	0.1#

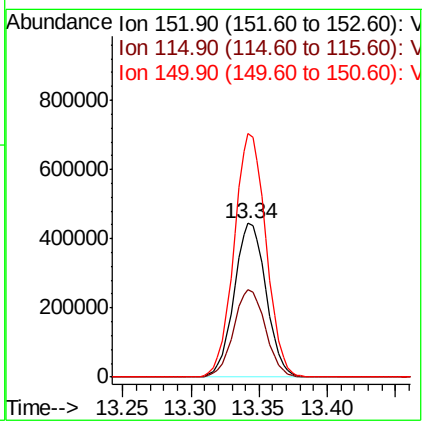


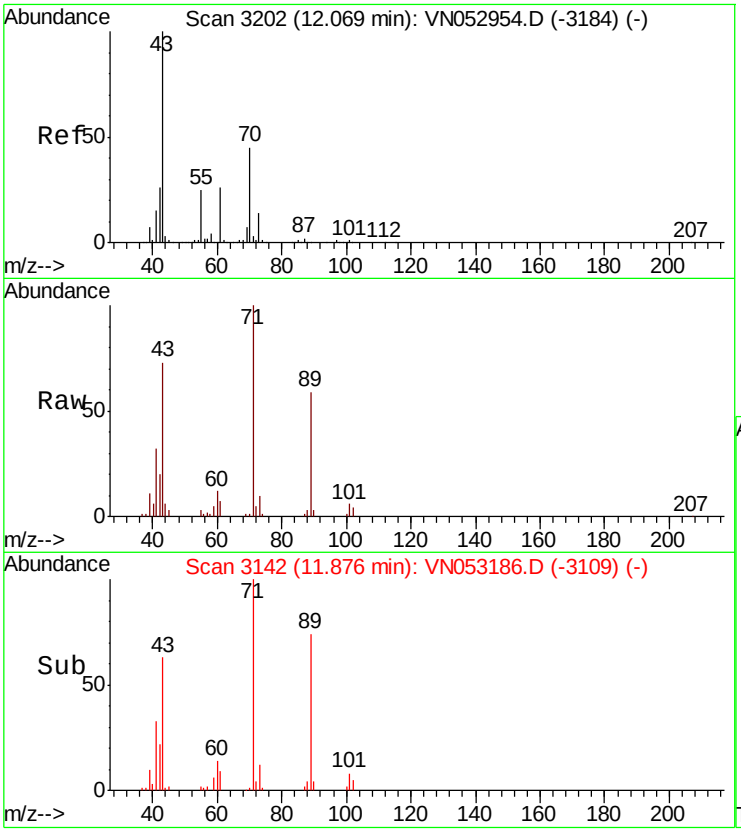


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion:152 Resp: 721854

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.3	85.0
150	158.3	0.0	347.8



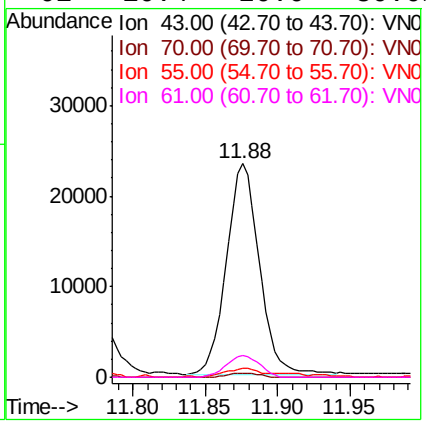


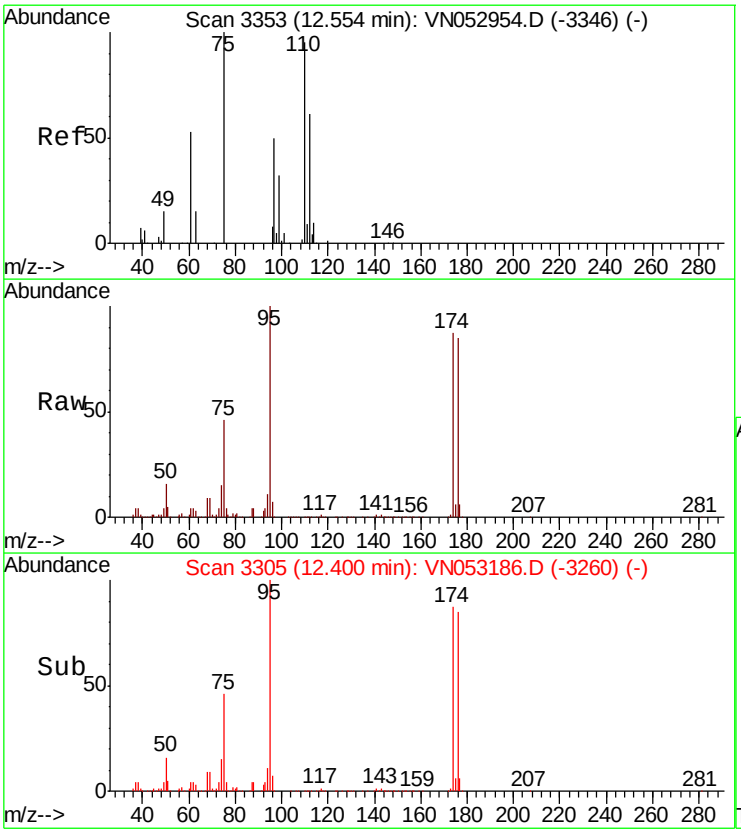
#74
N-amyl acetate
Concen: 2.322 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument : MSVOA_N
ClientSampleId : BU-03-122118

Tgt Ion: 43 Resp: 36417

Ion	Ratio	Lower	Upper
43	100		
70	1.8	34.2	51.4#
55	5.3	20.3	30.5#
61	10.4	20.0	30.0#

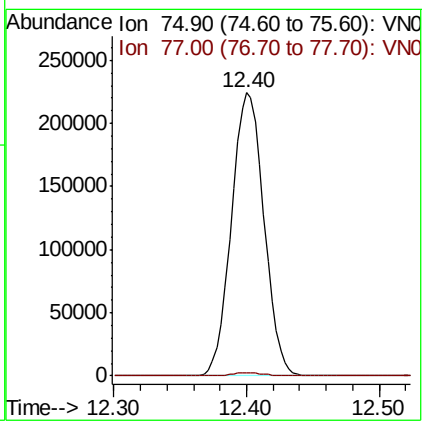


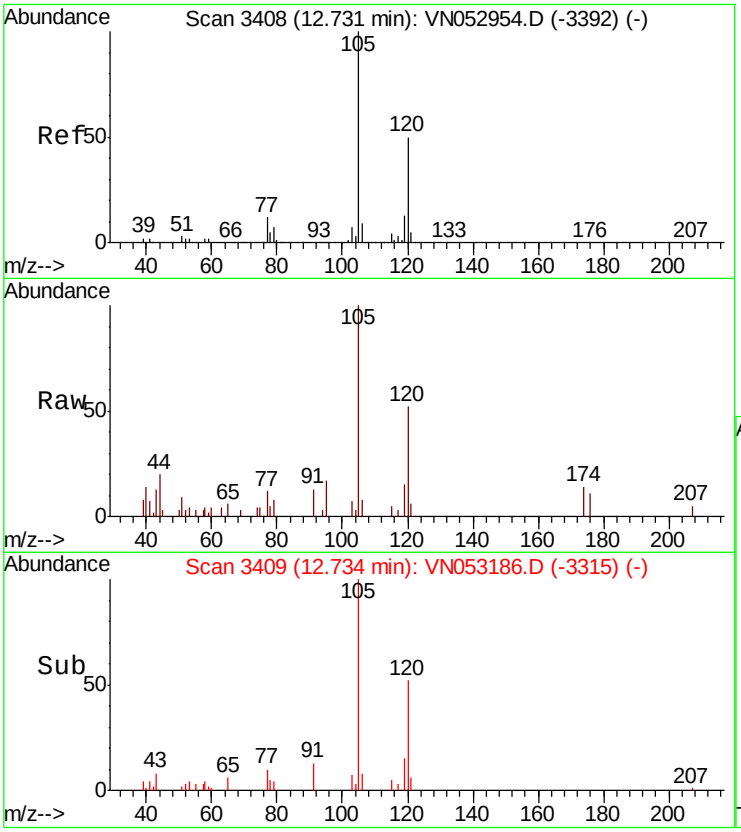


#76
1,2,3-Trichloropropane
Concen: 31.350 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 75 Resp: 380959

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



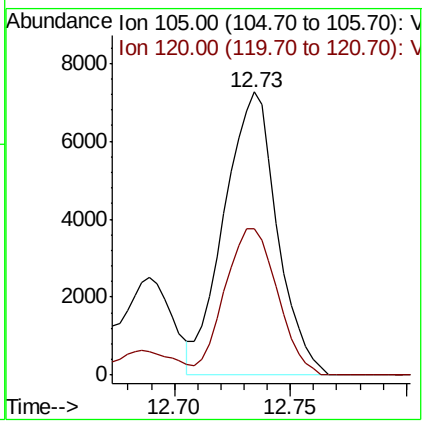


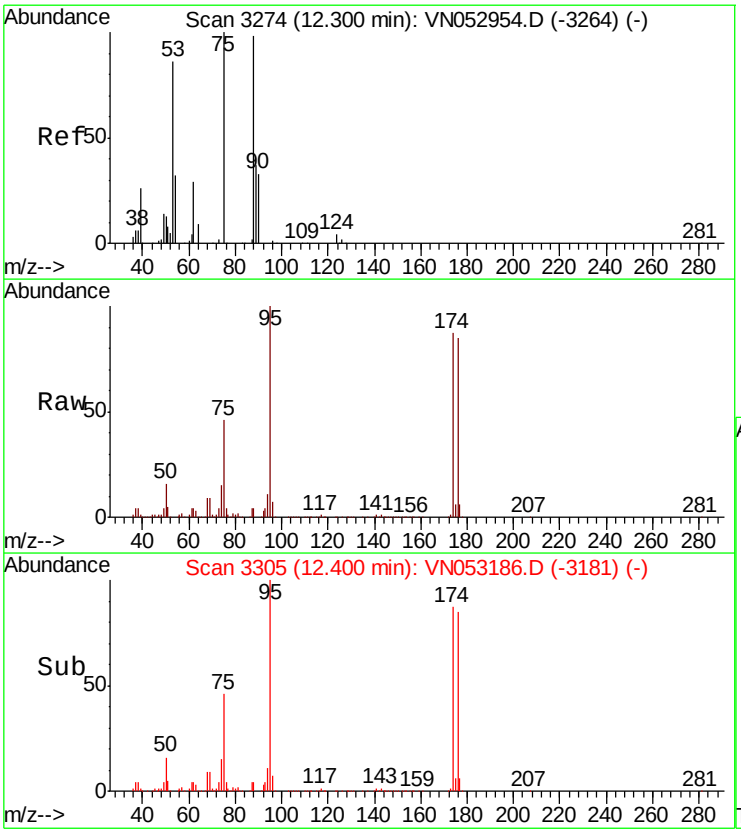
#80
1,3,5-Trimethylbenzene
Concen: 0.251 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion:105 Resp: 11574

Ion	Ratio	Lower	Upper
105	100		
120	51.0	24.4	73.2

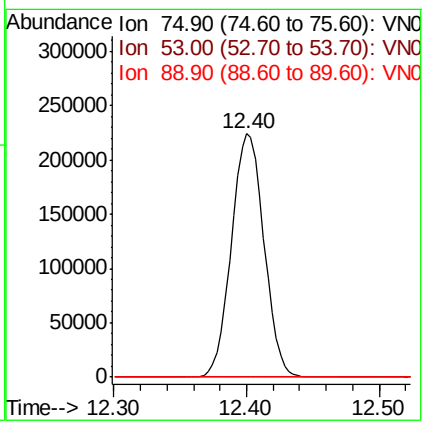


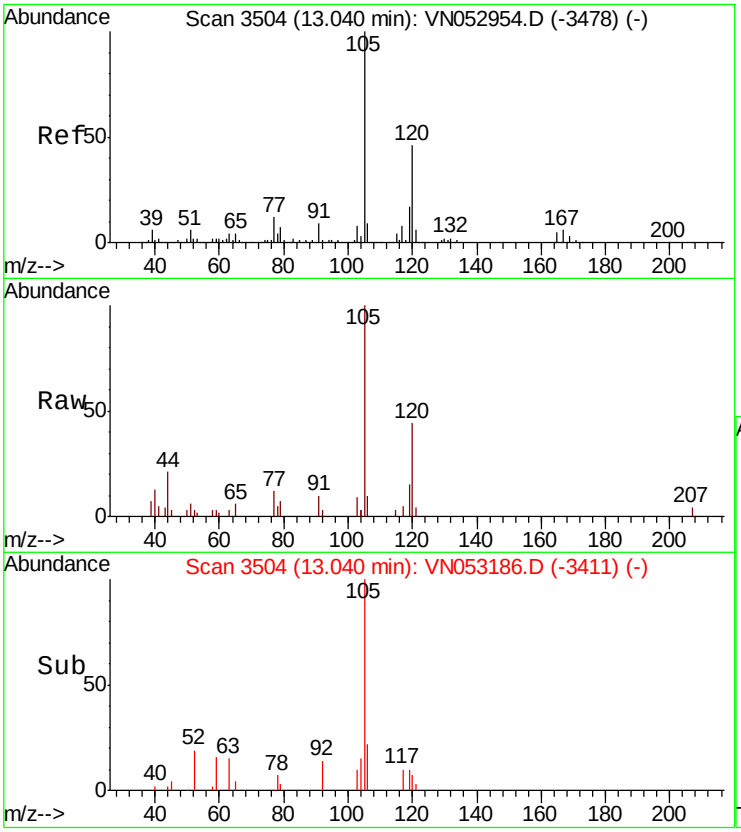


#81
trans-1,4-Dichloro-2-butene
Concen: 101.046 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion: 75 Resp: 380959

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	36.1	54.1#



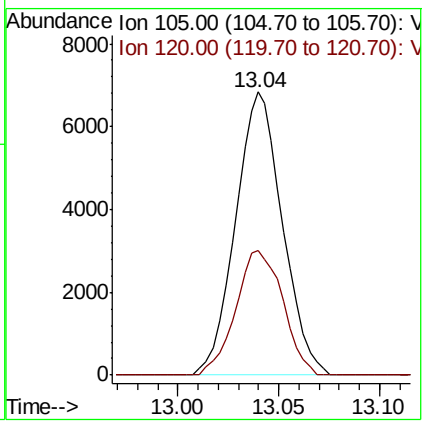


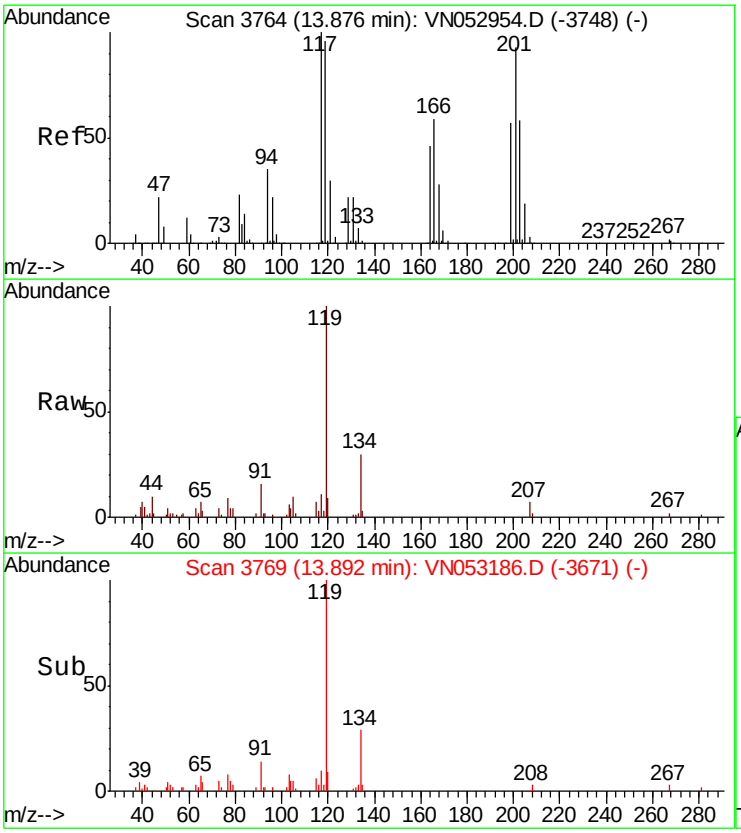
#84
1,2,4-Trimethylbenzene
Concen: 0.240 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion:105 Resp: 11088

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.9	68.8

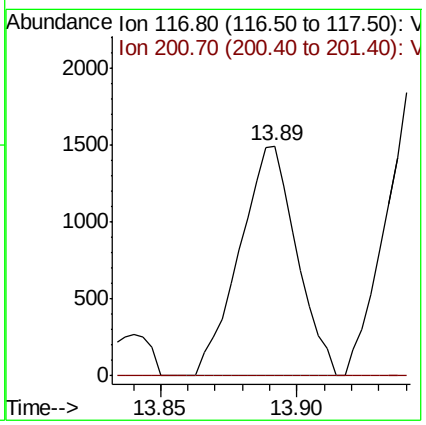


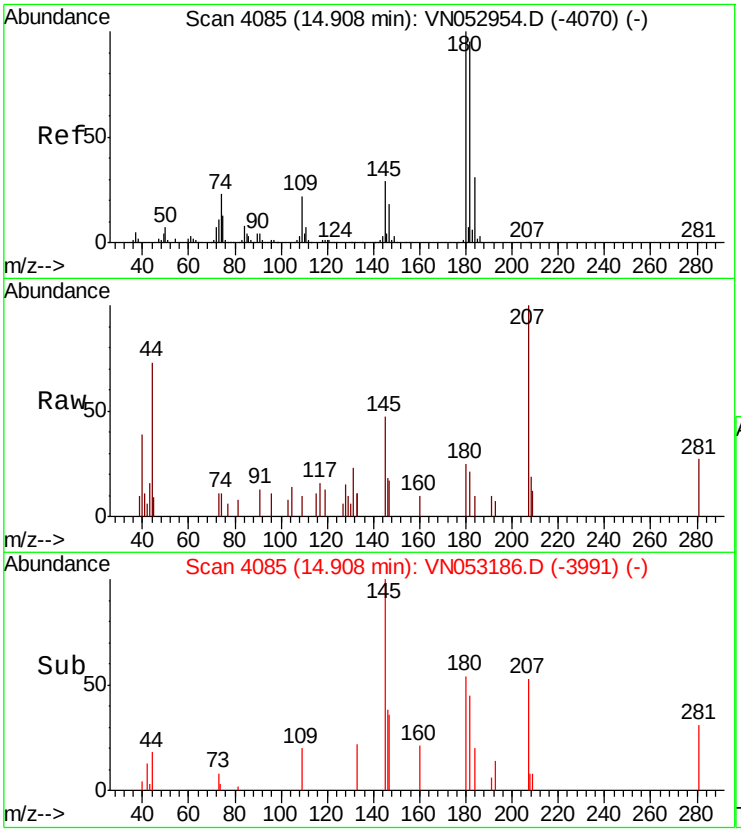


#90
Hexachloroethane
Concen: 0.297 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.02 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion:117 Resp: 2166

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.7	137.1#



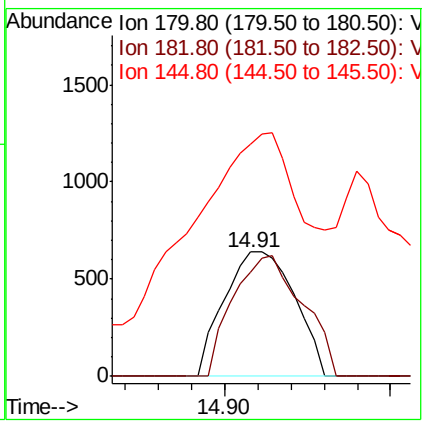


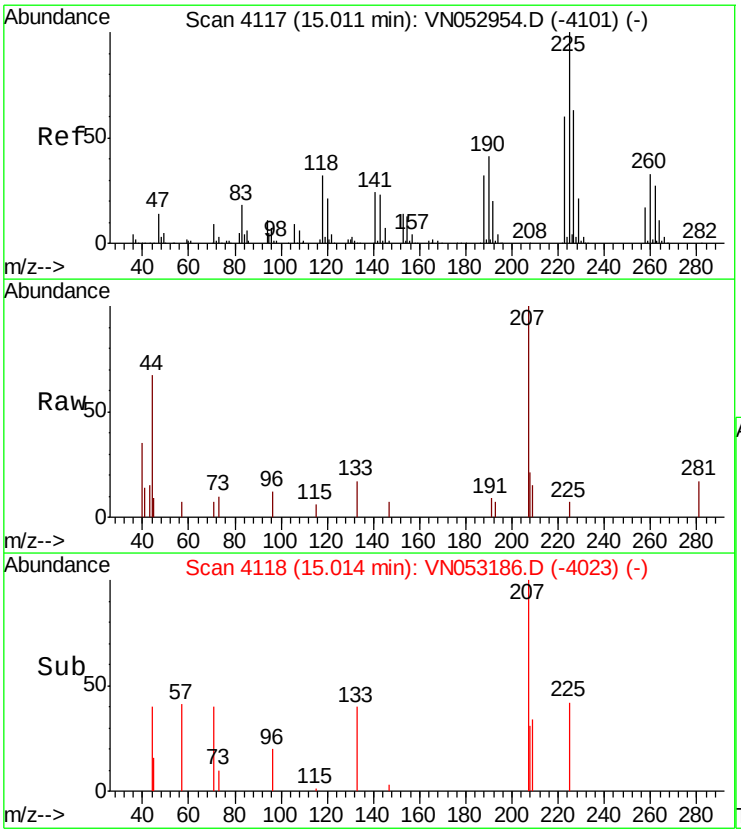
#93
1,2,4-Trichlorobenzene
Concen: 0.668 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion:180 Resp: 948

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	331.4	14.2	42.6#

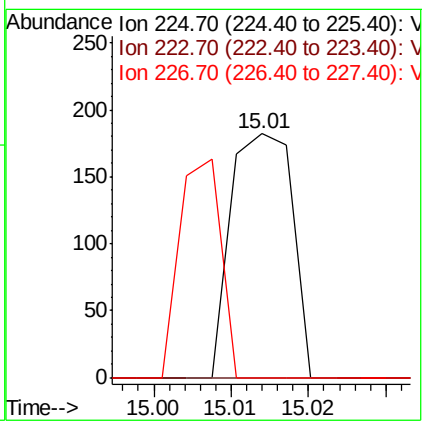


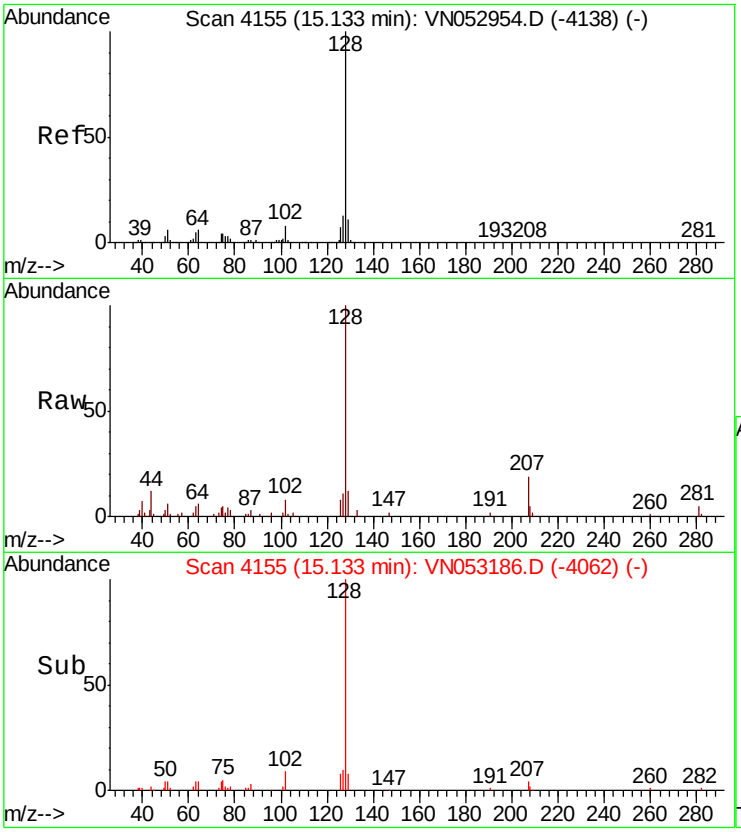


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion:225 Resp: 101

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.5	94.5#
227	60.4	31.9	95.7



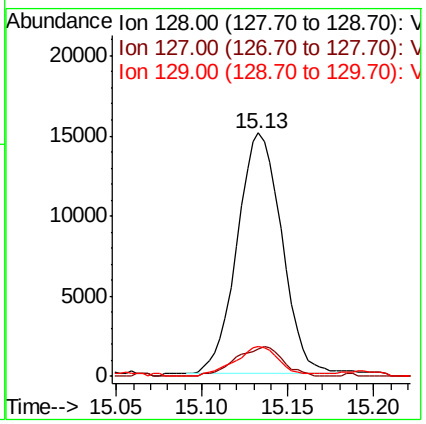


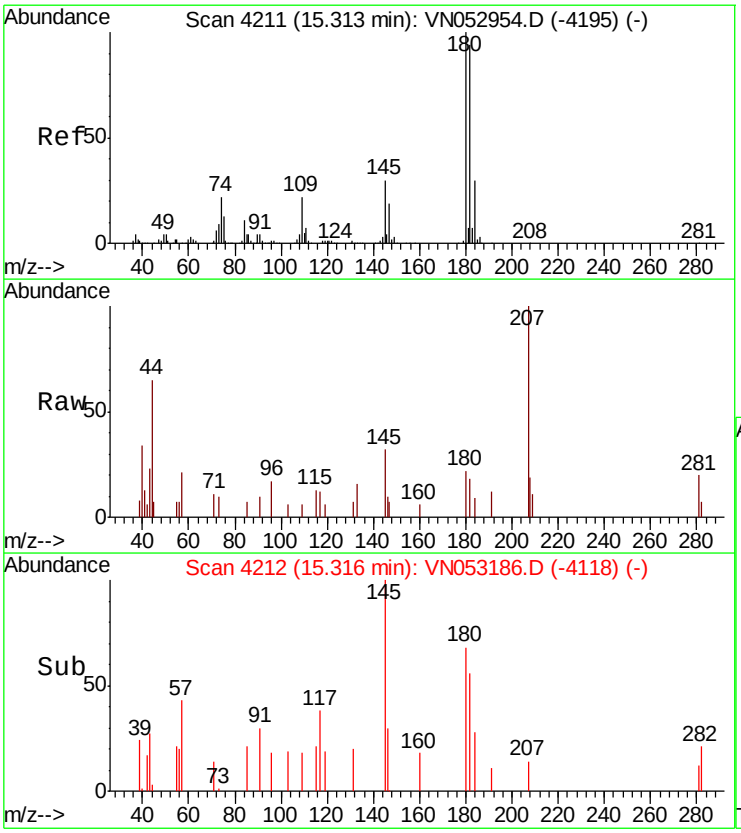
#95
Naphthalene
Concen: 2.075 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Instrument :
MSVOA_N
ClientSampleId :
BU-03-122118

Tgt Ion:128 Resp: 26970

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	12.5	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.587 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053186.D
Acq: 24 Dec 2018 15:40

Tgt Ion:180 Resp: 931

Ion	Ratio	Lower	Upper
180	100		
182	86.3	47.9	143.7
145	0.0	15.0	45.0#