Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
Data File : VN052987.D
Acq On : 19 Dec 2018 3:45
Operator : MD\SY
Sample : PB115784ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB115784ZHE#02

Quant Time: Dec 19 05:48:45 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	1416004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2166971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1862292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	662823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	692464	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.38%			
35) Dibromofluoromethane	7.59	113	492744	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.56%			
50) Toluene-d8	10.09	98	2619761	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.60%			
62) 4-Bromofluorobenzene	12.40	95	800542	42.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.82%			
Target Compounds						Qvalue
13) Acrolein	3.61	56	189	0.238	ug/l #	30
16) Acetone	3.82	43	24022	8.526	ug/l	95
18) Methyl Acetate	4.33	43	8441	1.639	ug/l #	88
20) Methylene Chloride	4.56	84	38752	2.521	ug/l	97
31) Cyclohexane	7.67	56	22278	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	92910	4.467	ug/l #	48
38) Carbon Tetrachloride	7.67	117	122048	6.402	ug/l #	16
43) Isopropyl Acetate	8.17	43	89449	2.999	ug/l #	82
48) Methyl methacrylate	9.18	41	23909	2.122	ug/l #	12
49) 1,4-Dioxane	9.27	88	435	3.052	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	29734	2.644	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	200525	8.326	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	35256	1.537	ug/l #	42
59) 2-Hexanone	10.76	43	473081	62.184	ug/l #	49
71) Bromoform	12.40	173	5173	0.499	ug/l #	1
74) N-amyl acetate	11.88	43	60820	4.224	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	374683	33.580	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	23858	0.564	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	374683	108.232	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	762	0.659	ug/l	95
94) Hexachlorobutadiene	15.02	225	142	Below Cal	#	46
95) Naphthalene	15.14	128	1975	1.221	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.32	180	657	0.569	ug/l	96

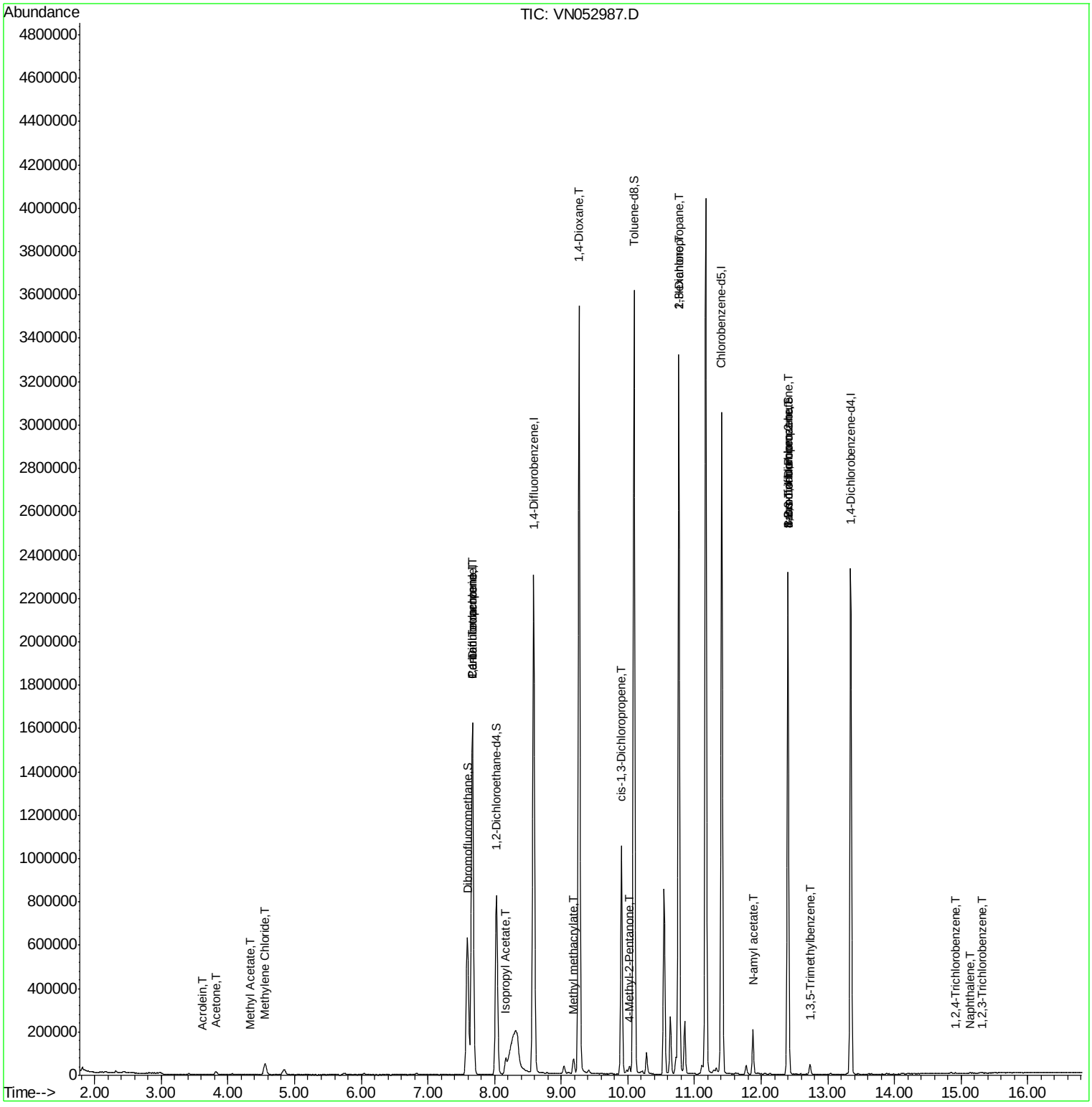
(#) = qualifier out of range (m) = manual integration (+) = signals summed

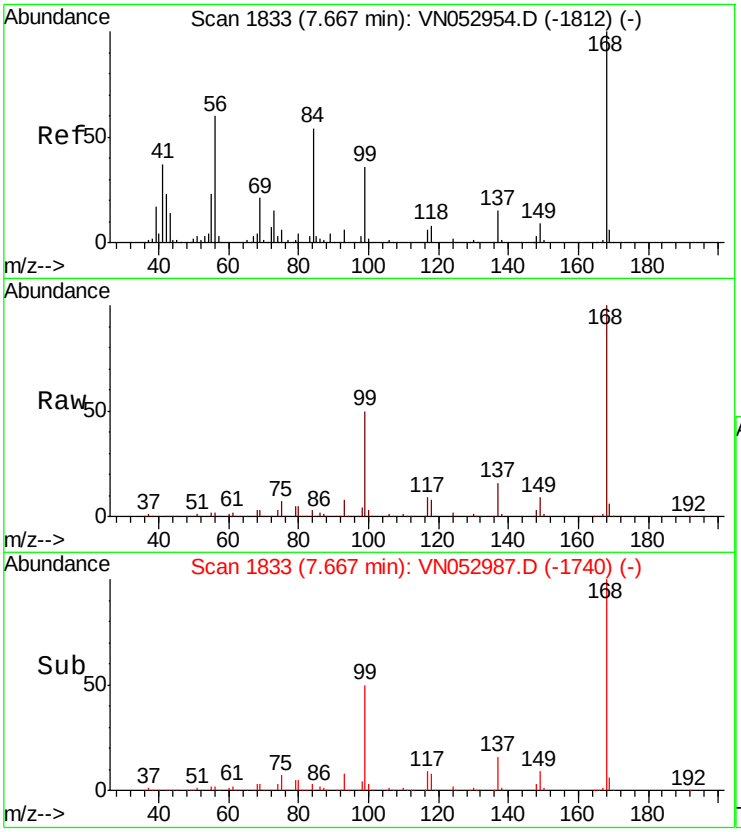
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
Data File : VN052987.D
Acq On : 19 Dec 2018 3:45
Operator : MD\SY
Sample : PB115784ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Quant Time: Dec 19 05:48:45 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



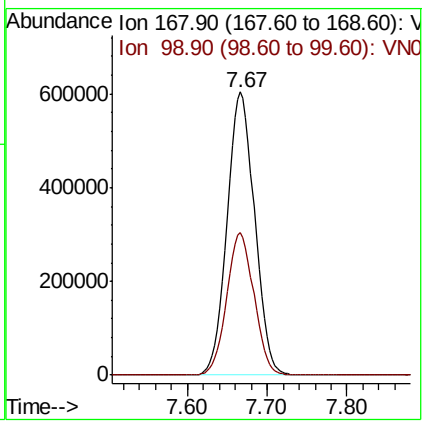


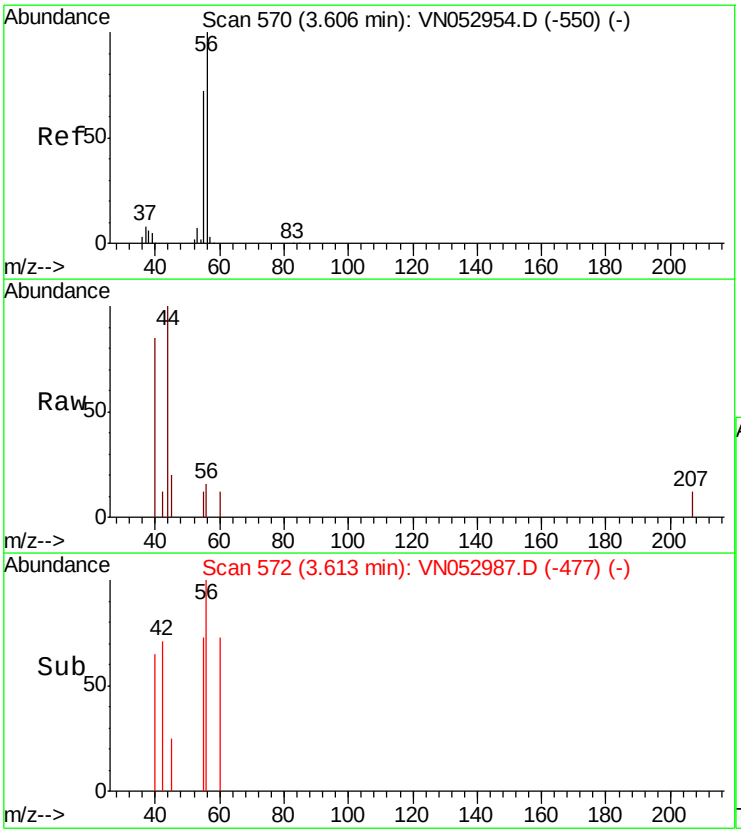
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion:168 Resp: 1416004

Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.2	60.2

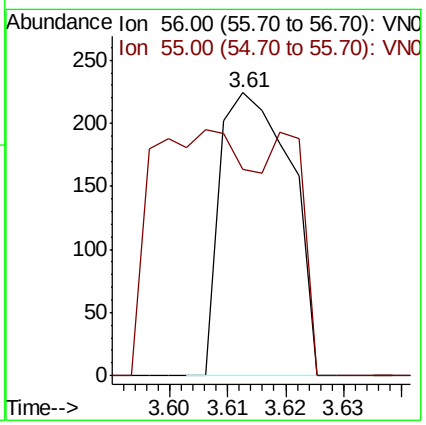


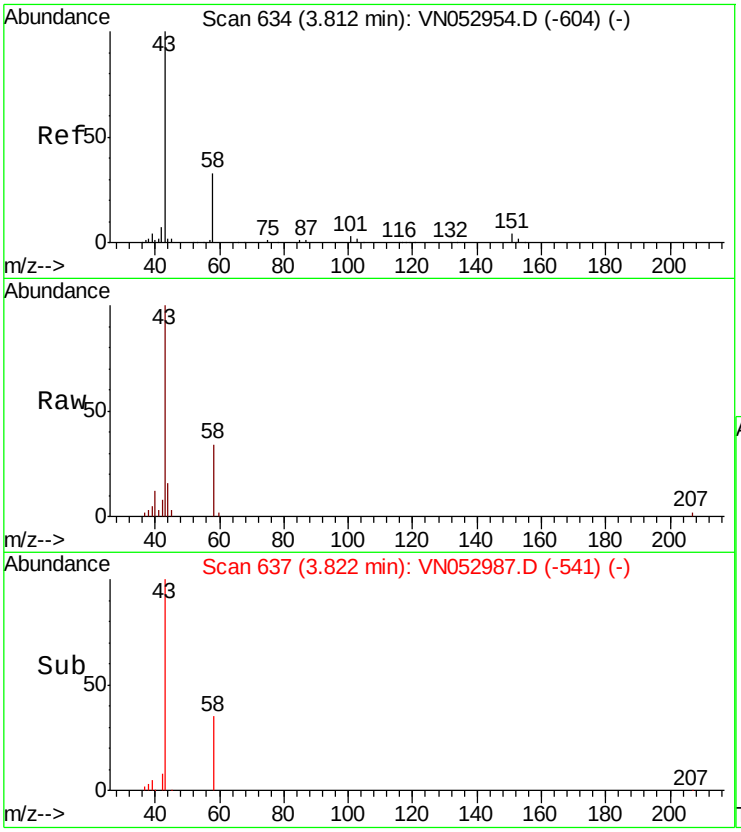


#13
Acrolein
Concen: 0.238 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 56 Resp: 189

Ion	Ratio	Lower	Upper
56	100		
55	128.6	56.6	85.0#



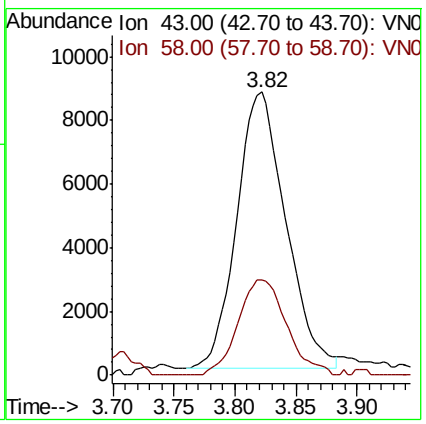


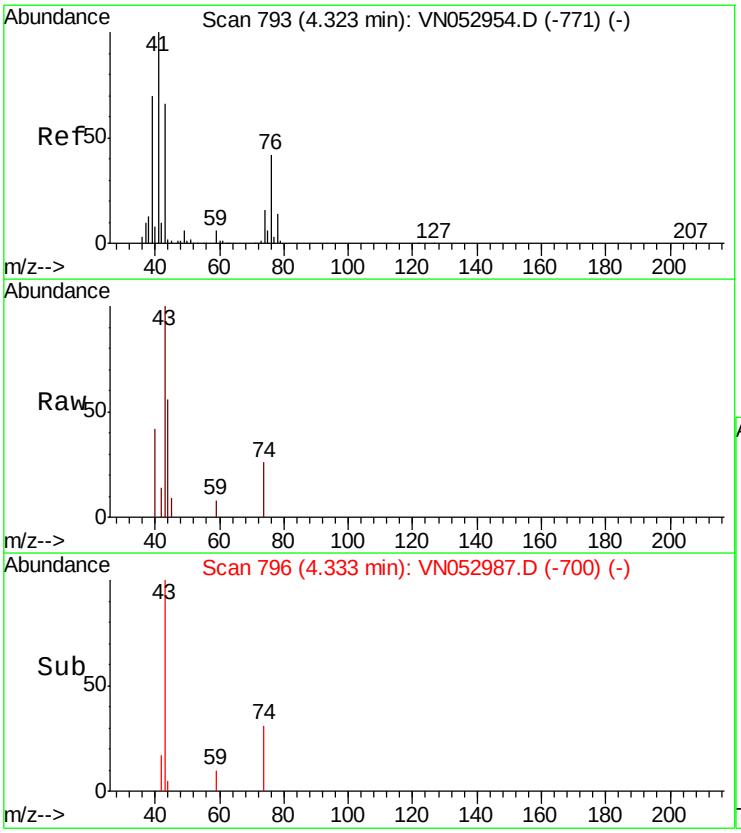
#16
Acetone
Concen: 8.526 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion: 43 Resp: 24022

Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.4	38.0

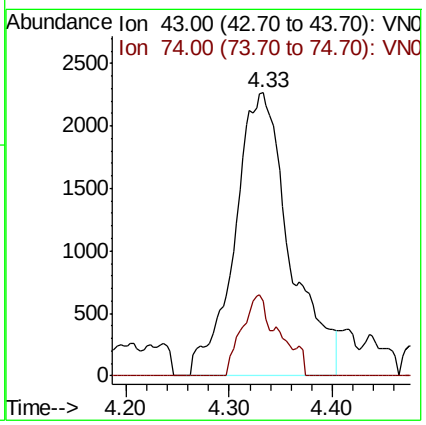


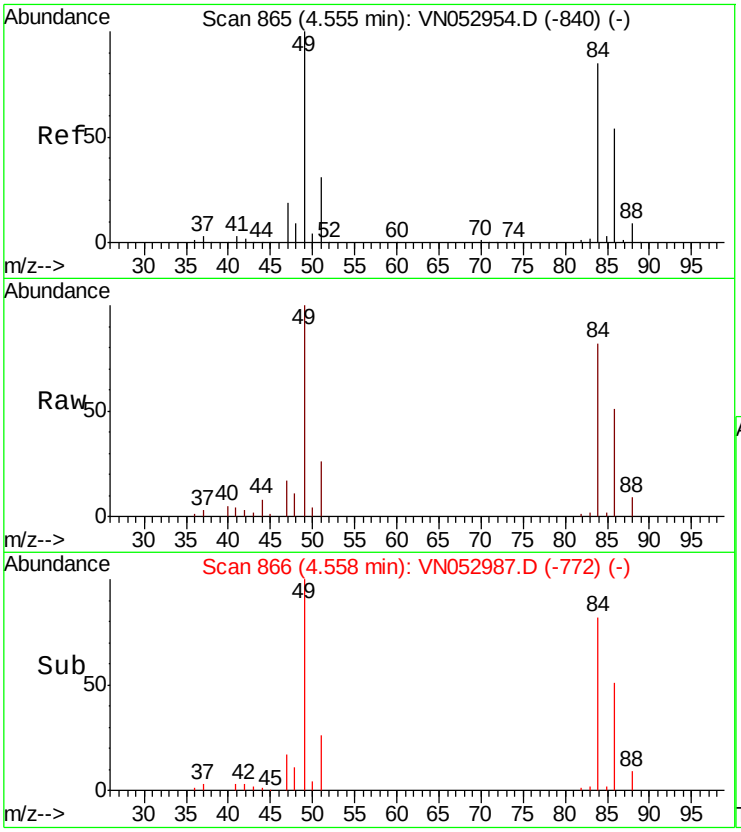


#18
Methyl Acetate
Concen: 1.639 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 43 Resp: 8441

Ion	Ratio	Lower	Upper
43	100		
74	17.9	19.2	28.8#



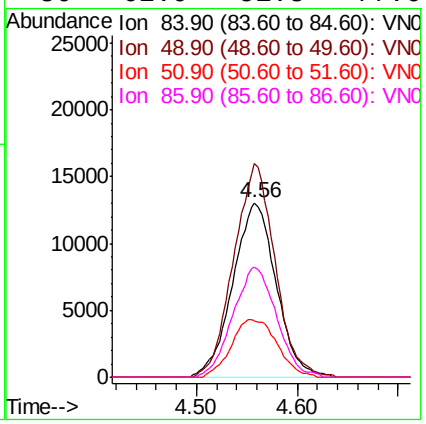


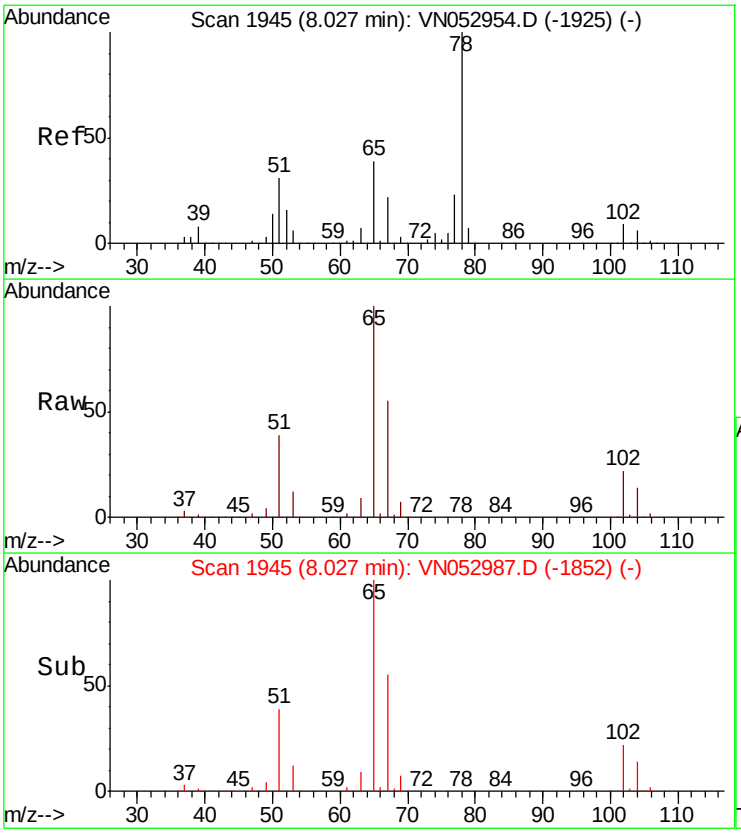
#20
Methylene Chloride
Concen: 2.521 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion: 84 Resp: 38752

Ion	Ratio	Lower	Upper
84	100		
49	122.5	96.8	145.2
51	32.3	29.9	44.9
86	62.9	51.8	77.6

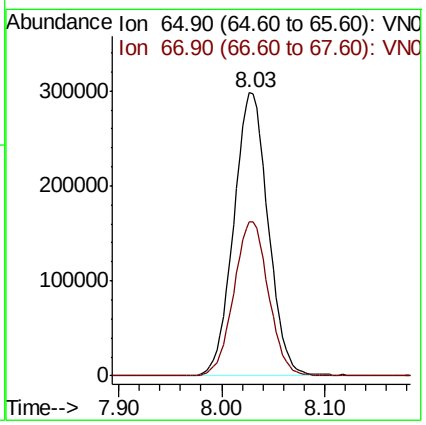


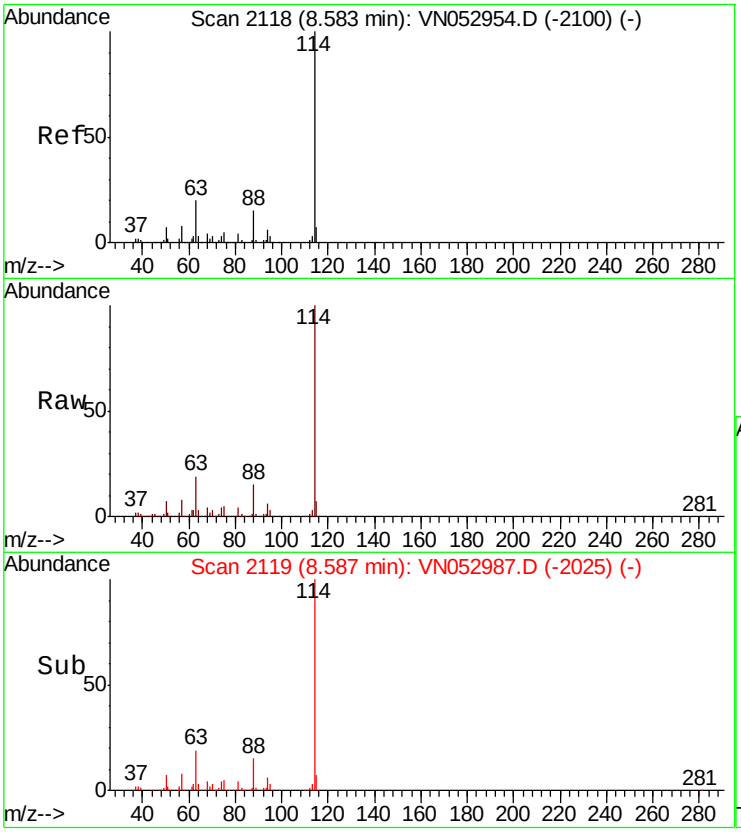


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 65 Resp: 692464

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.4



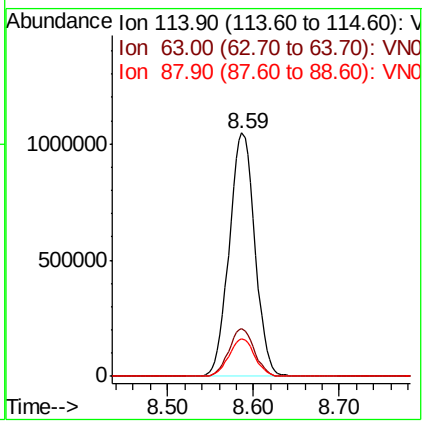


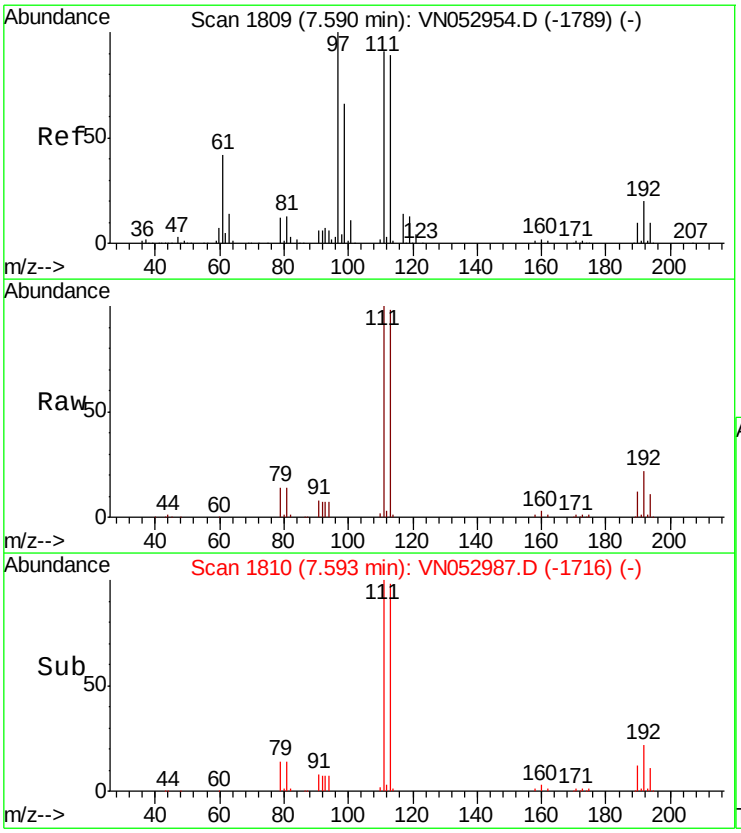
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion:114 Resp: 2166971

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.8
88	15.4	0.0	31.0

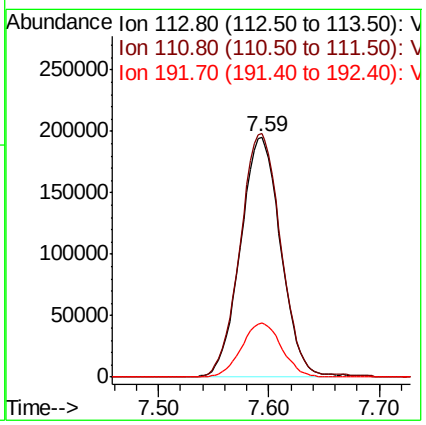


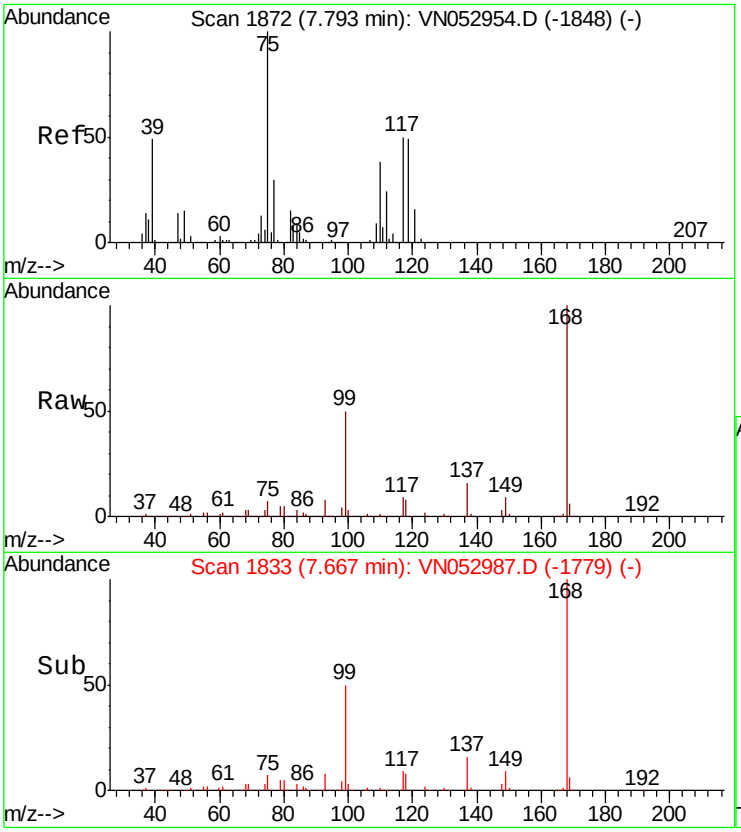


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion:113 Resp: 492744

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.4
192	22.5	17.5	26.3



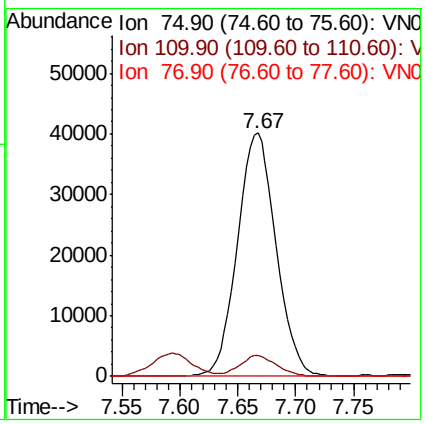


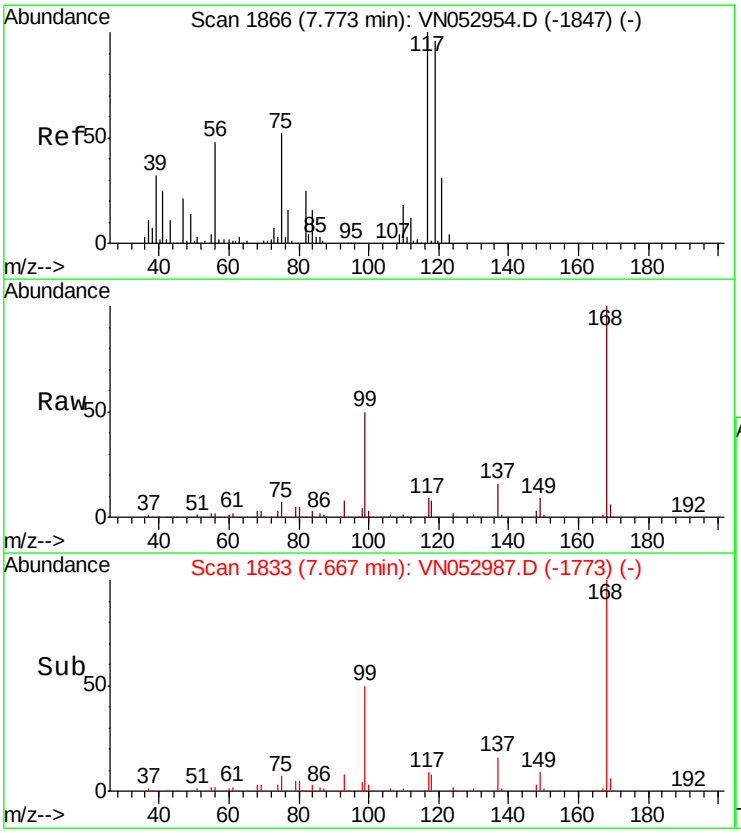
#36
1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion: 75 Resp: 92910

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.2	54.6#
77	0.0	24.9	37.3#

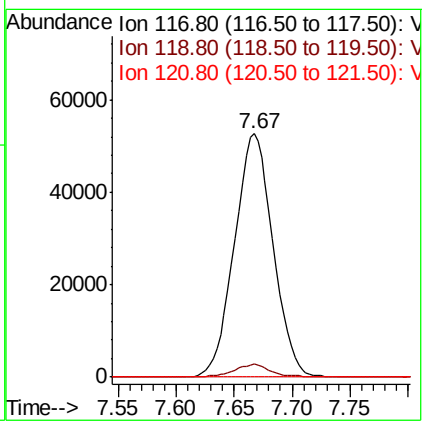


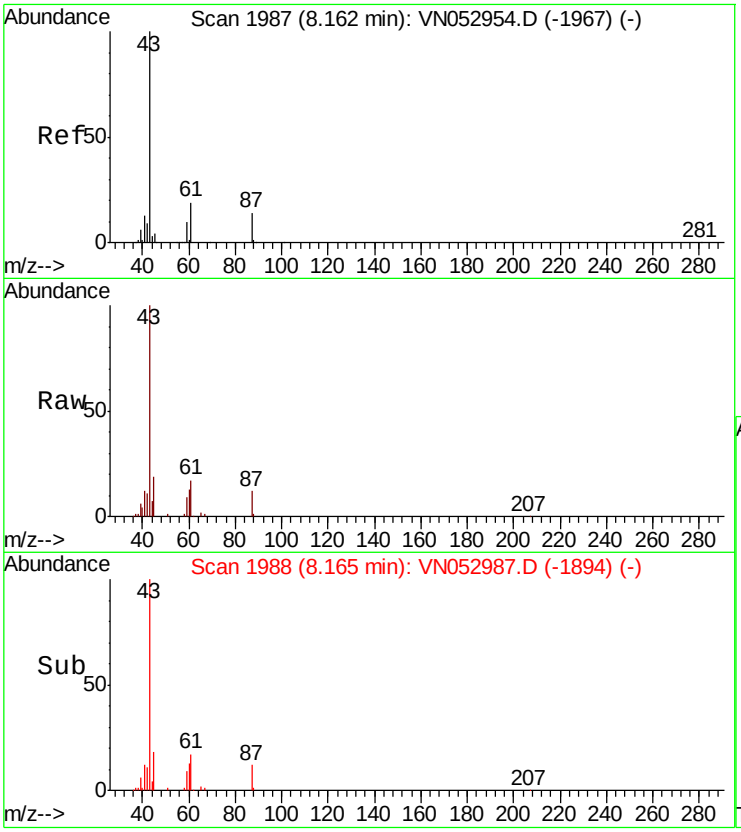


#38
Carbon Tetrachloride
Concen: 6.402 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion:117 Resp: 122048

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



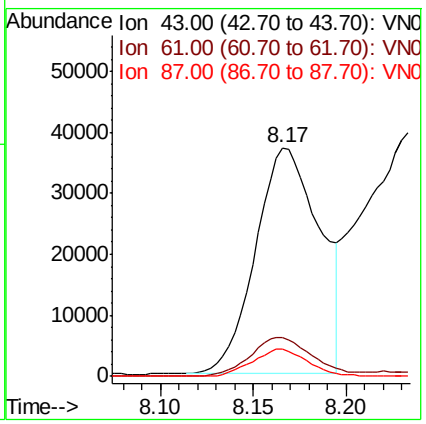


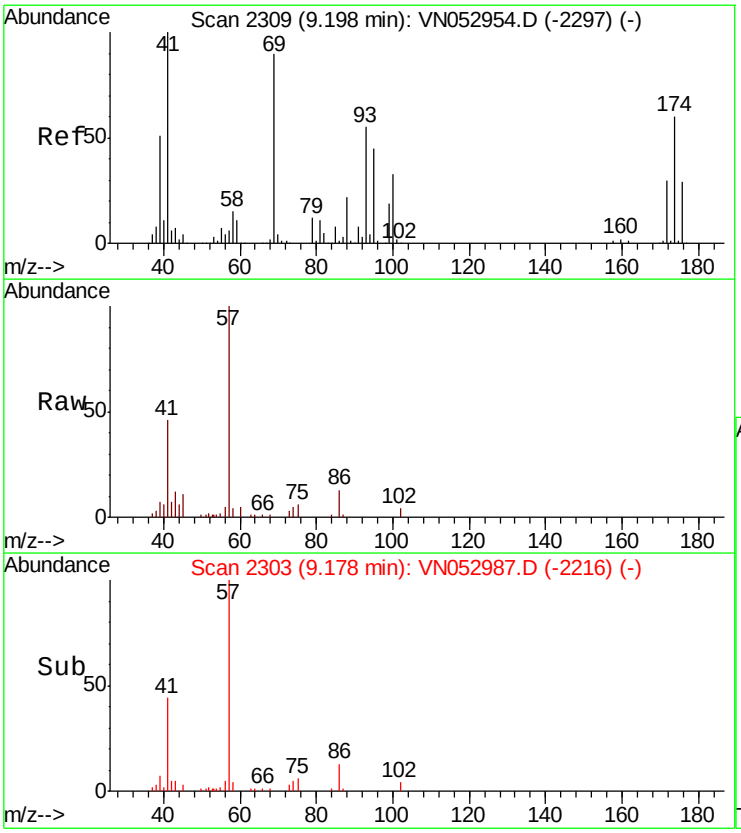
#43
Isopropyl Acetate
Concen: 2.999 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument : MSVOA_N
ClientSampleId : PB115784ZHE#02

Tgt Ion: 43 Resp: 89449

Ion	Ratio	Lower	Upper
43	100		
61	16.6	22.9	34.3#
87	10.1	10.6	15.8#

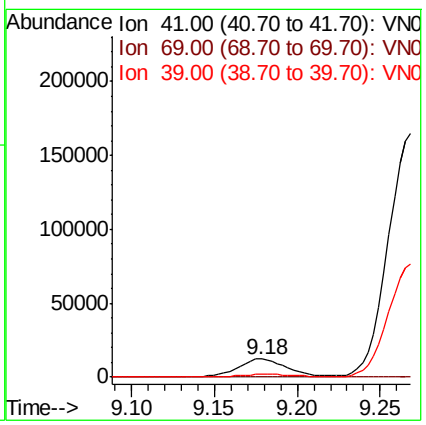


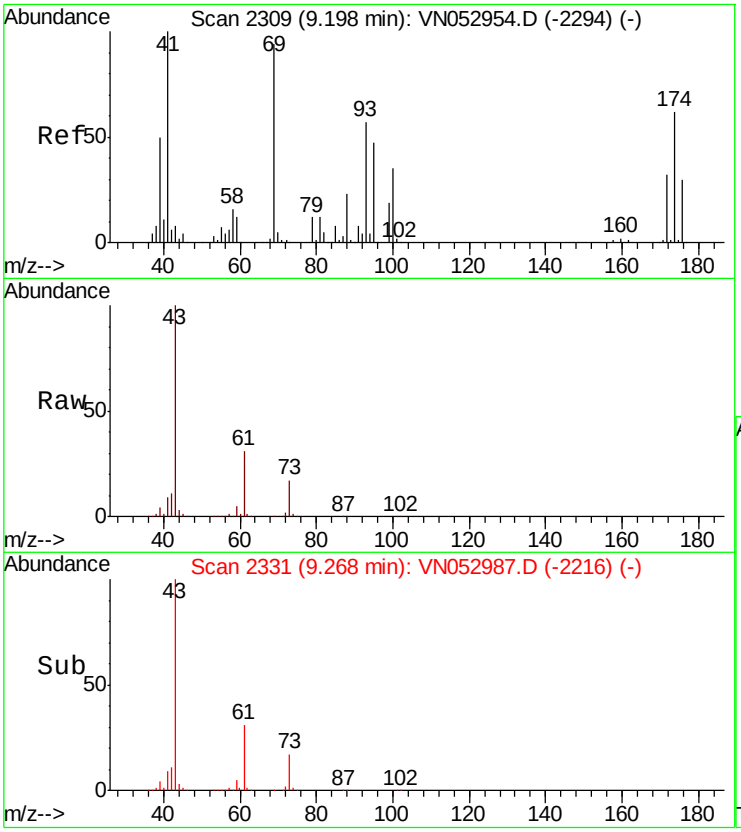


#48
Methyl methacrylate
Concen: 2.122 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 41 Resp: 23909

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



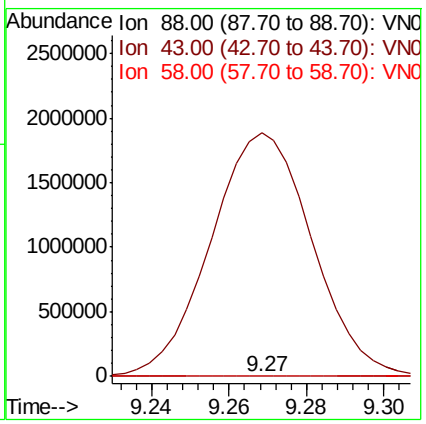


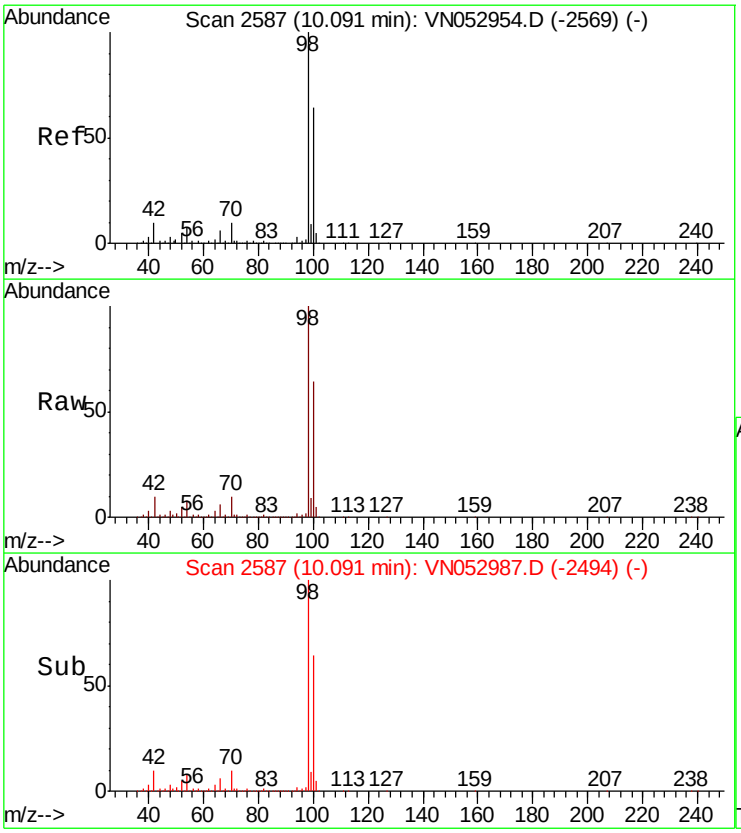
#49
1,4-Dioxane
Concen: 3.052 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion: 88 Resp: 435

Ion	Ratio	Lower	Upper
88	100		
43	796183.4	26.6	40.0#
58	3168.3	58.4	87.6#

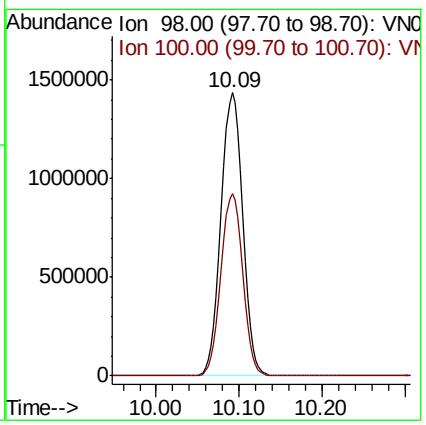


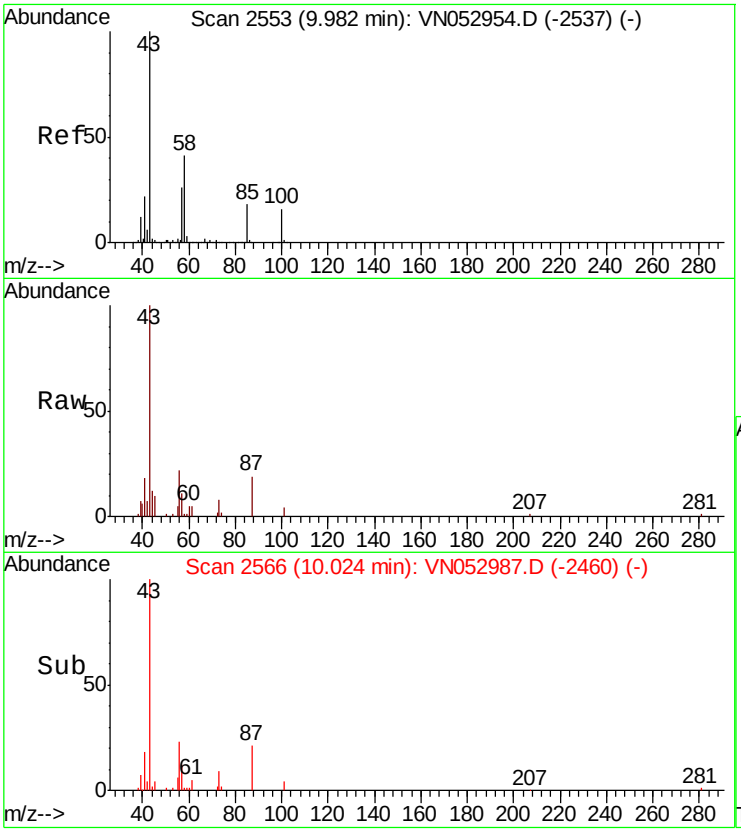


#50
Toluene-d8
Concen: 3.052 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 98 Resp: 2619761

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4



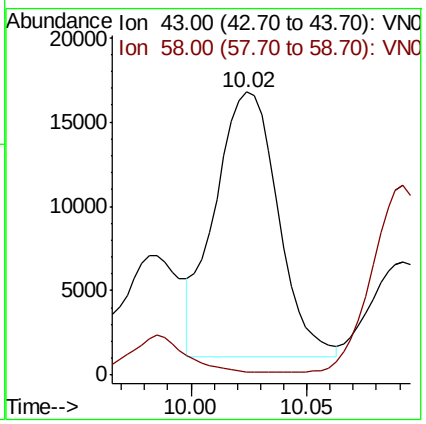


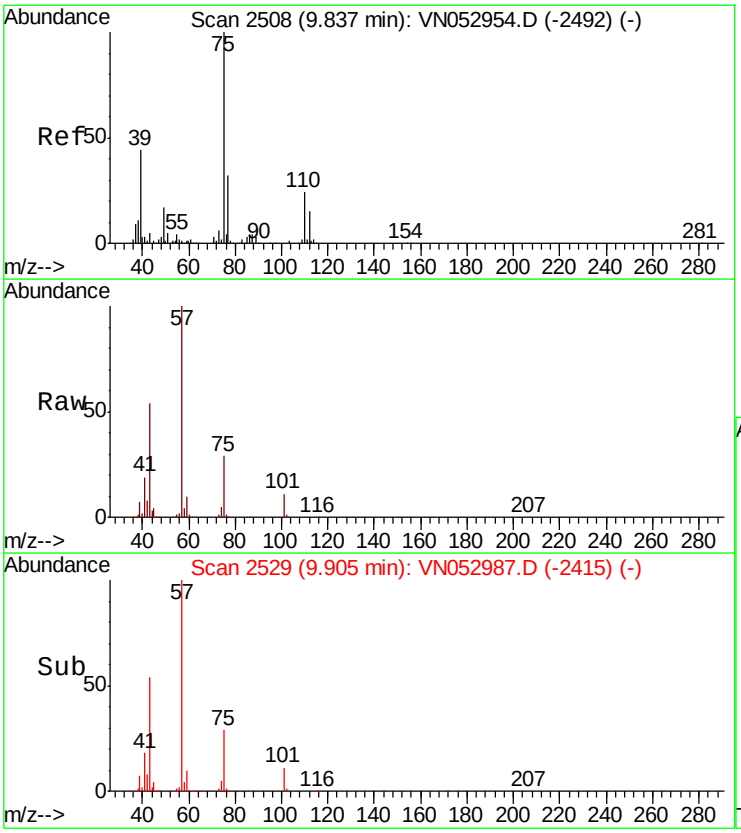
#51
4-Methyl-2-Pentanone
Concen: 2.644 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion: 43 Resp: 29734

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#

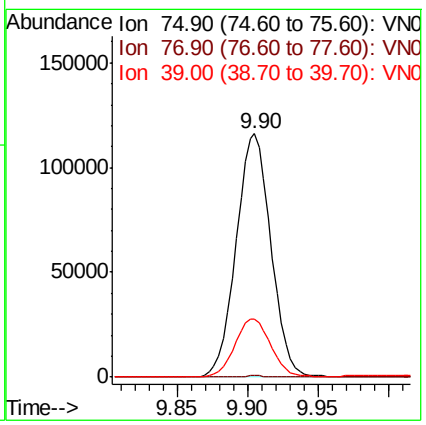


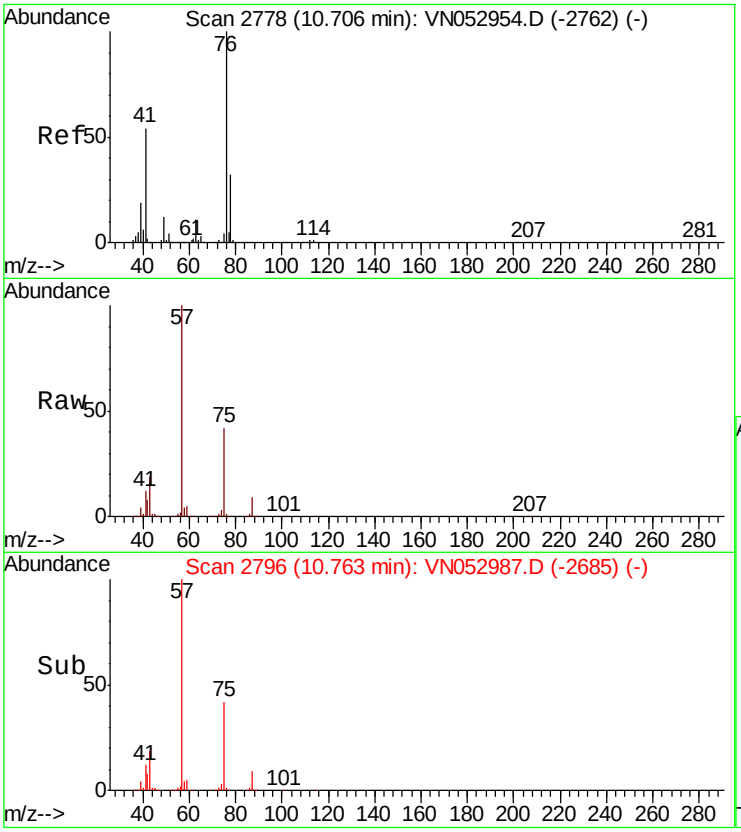


#54
cis-1,3-Dichloropropene
Concen: 8.326 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 75 Resp: 200525

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.8#
39	24.1	34.8	52.2#



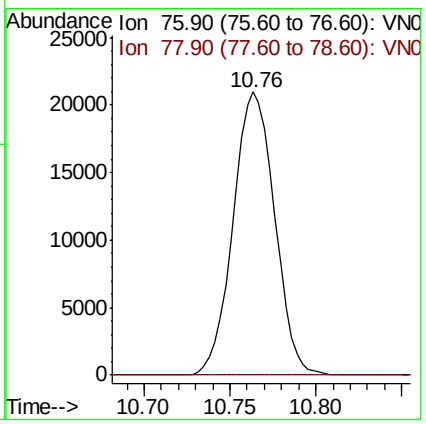


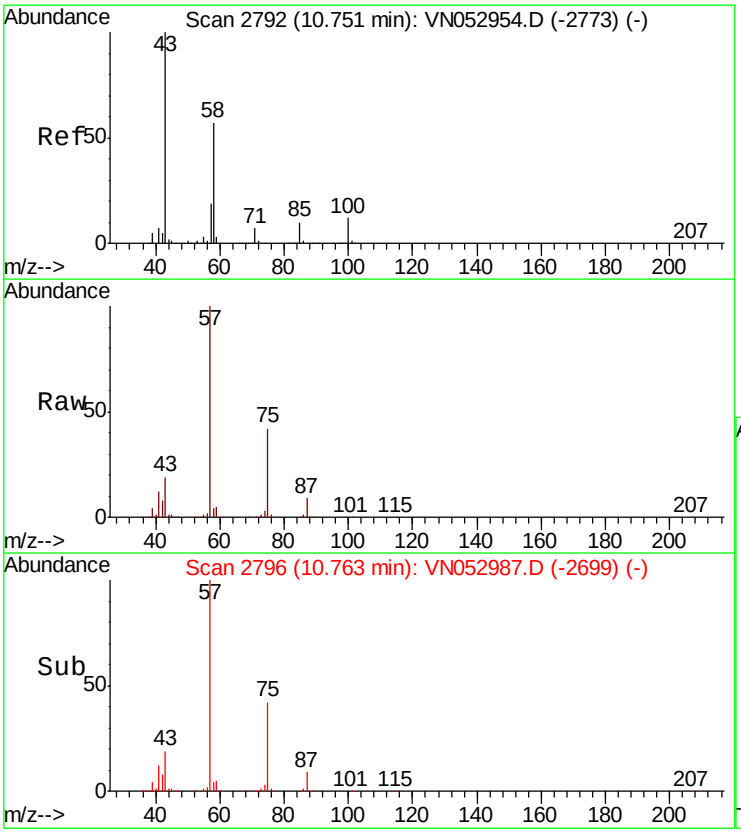
#57
1,3-Dichloropropane
Concen: 1.537 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion: 76 Resp: 35256

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

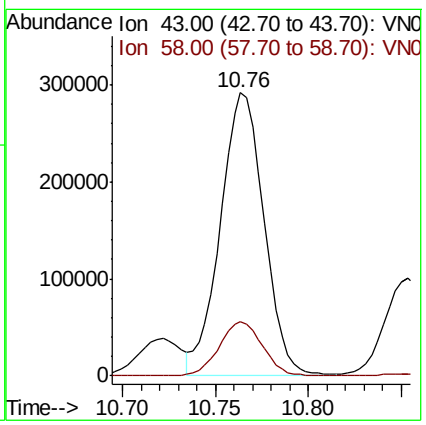


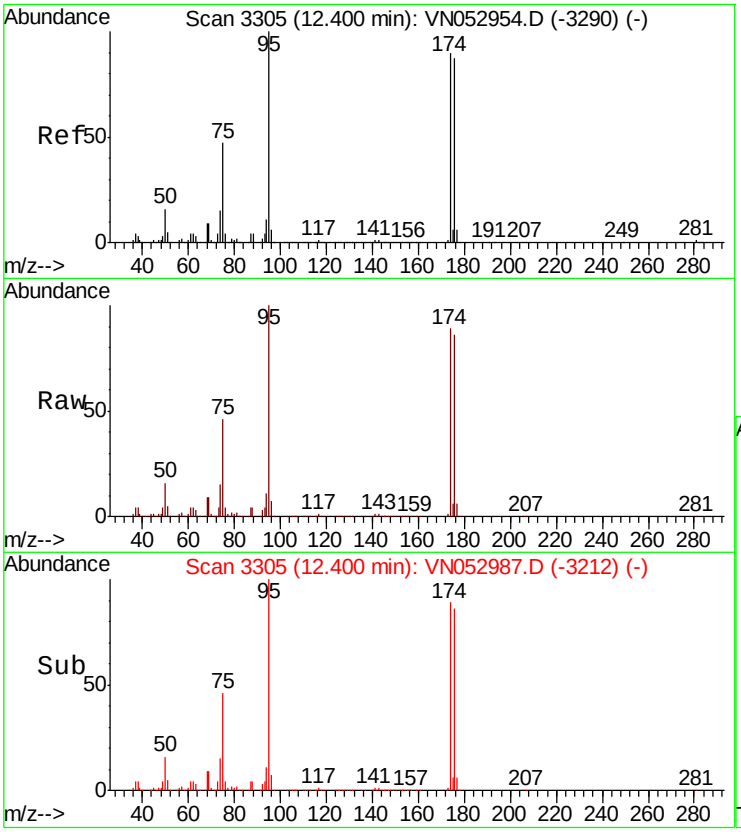


#59
2-Hexanone
Concen: 62.184 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 43 Resp: 473081

Ion	Ratio	Lower	Upper
43	100		
58	19.3	28.1	84.3#



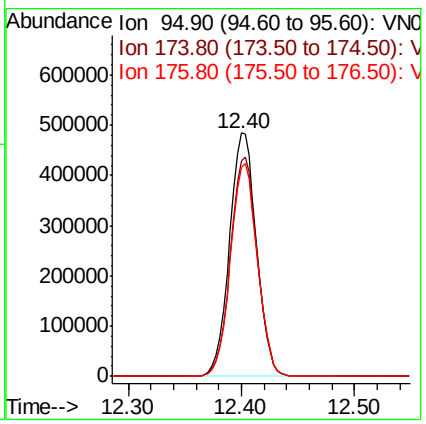


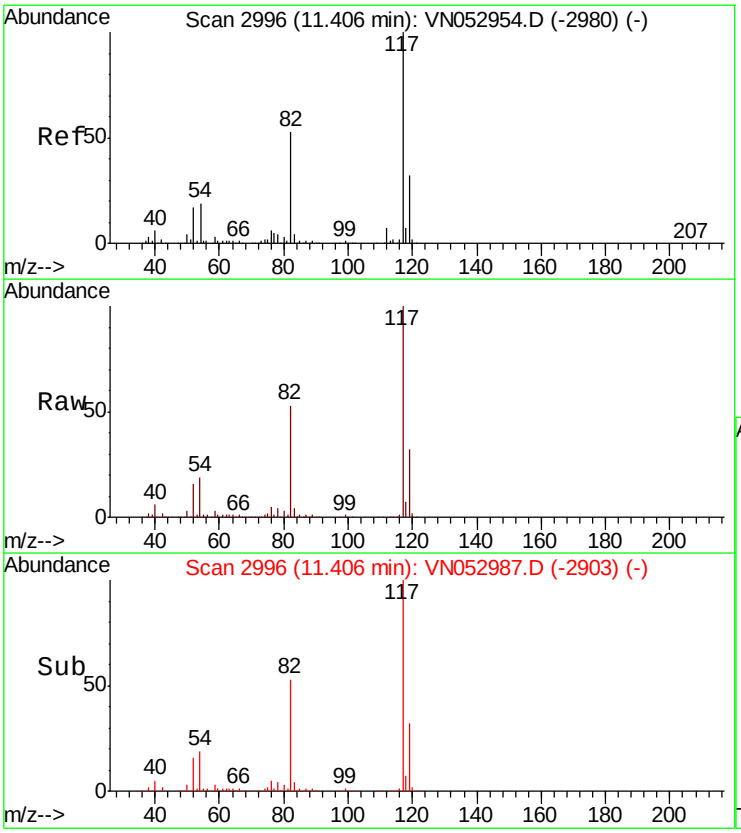
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion: 95 Resp: 800542

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	178.8
176	87.4	0.0	173.8

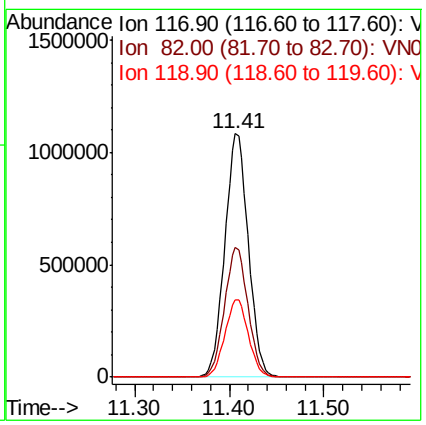


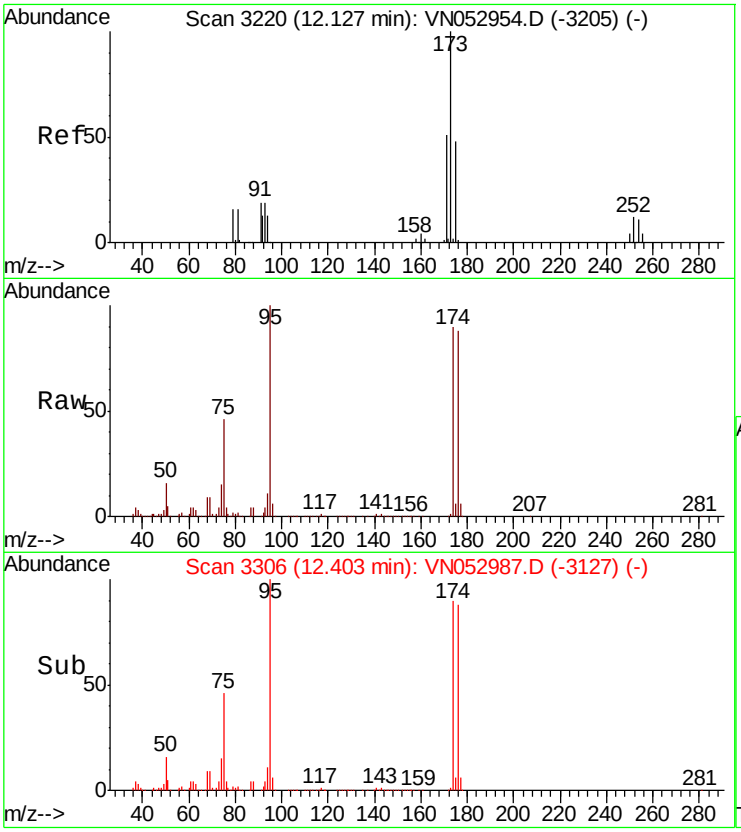


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion:117 Resp: 1862292

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.8	64.2
119	31.9	25.5	38.3



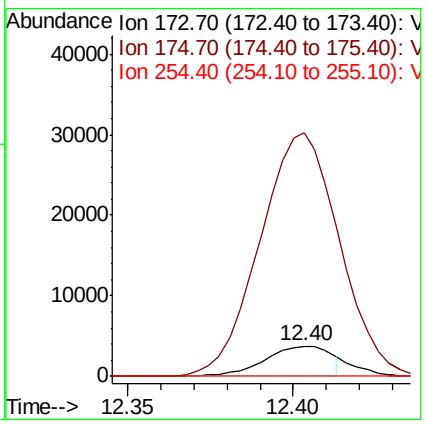


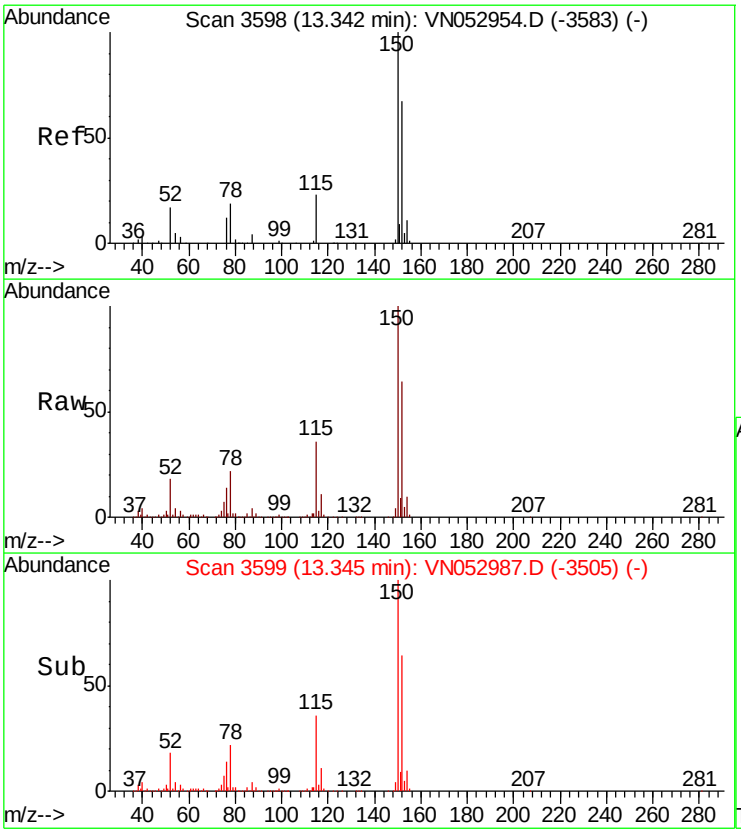
#71
Bromoform
Concen: 0.499 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument : MSVOA_N
ClientSampleId : PB115784ZHE#02

Tgt Ion:173 Resp: 5173

Ion	Ratio	Lower	Upper
173	100		
175	851.8	24.3	72.9#
254	0.0	0.1	0.1#

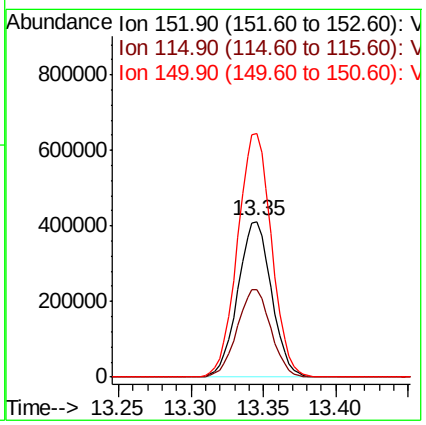


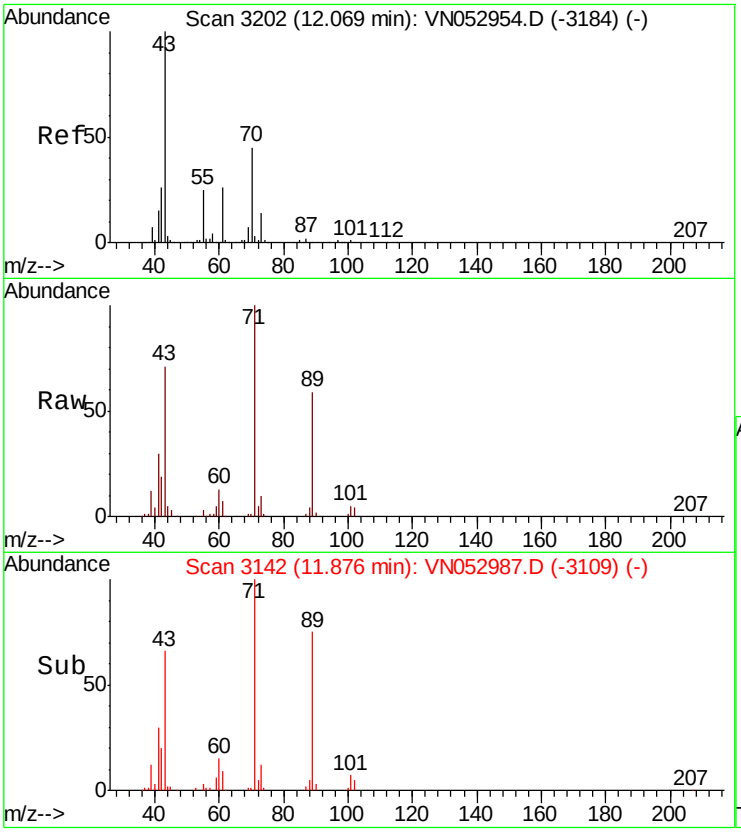


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion:152 Resp: 662823

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.3	85.0
150	158.5	0.0	347.8



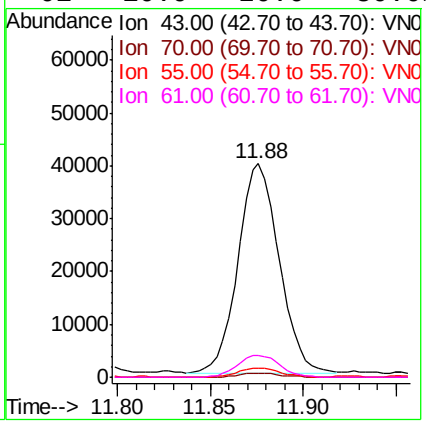


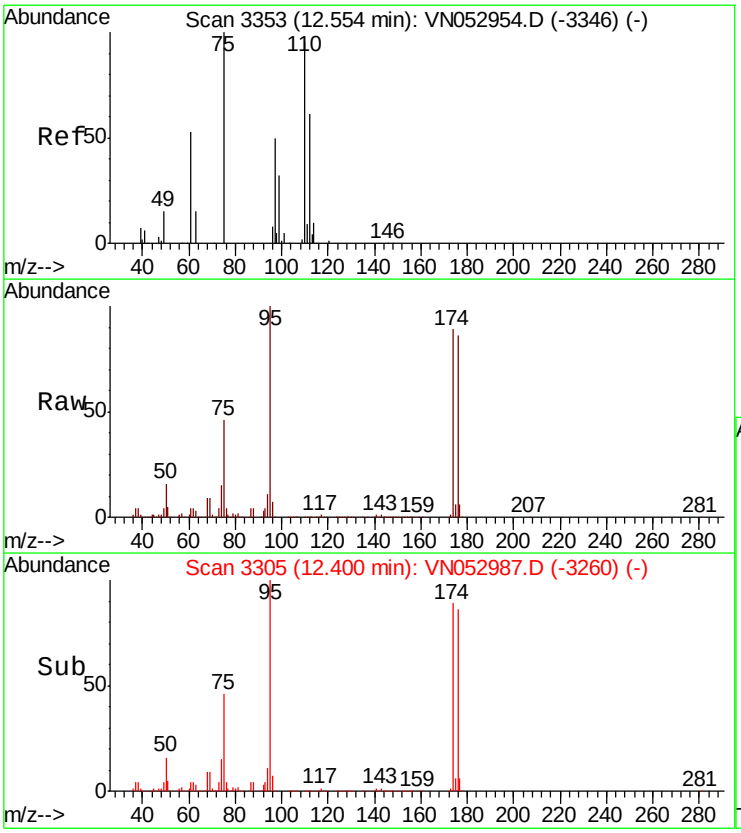
#74
N-amyl acetate
Concen: 4.224 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument : MSVOA_N
ClientSampleId : PB115784ZHE#02

Tgt Ion: 43 Resp: 60820

Ion	Ratio	Lower	Upper
43	100		
70	1.9	34.2	51.4#
55	4.5	20.3	30.5#
61	10.9	20.0	30.0#

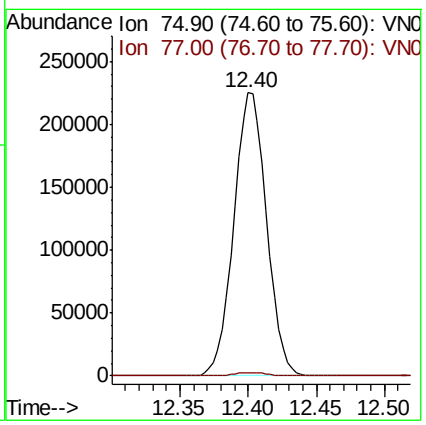


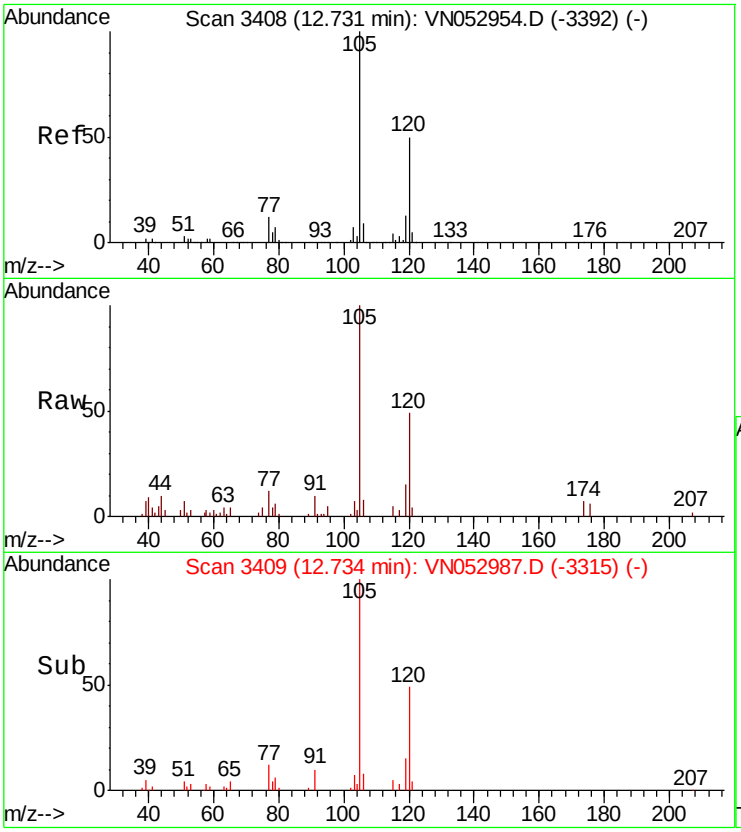


#76
1,2,3-Trichloropropane
Concen: 33.580 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 75 Resp: 374683

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



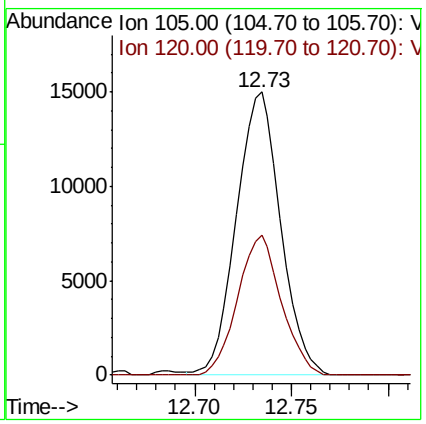


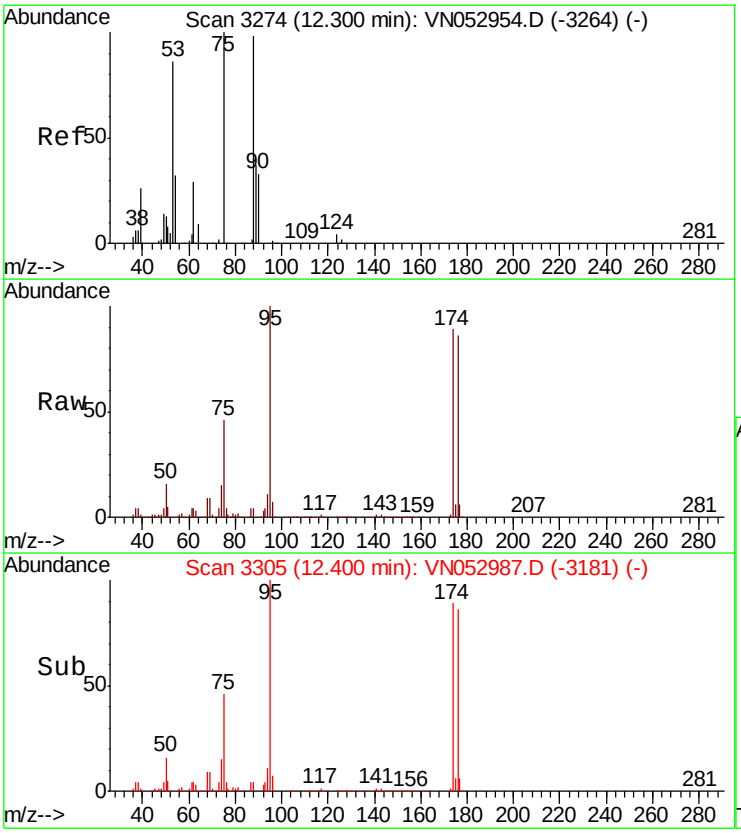
#80
1,3,5-Trimethylbenzene
Concen: 0.564 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion:105 Resp: 23858

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.4	73.2

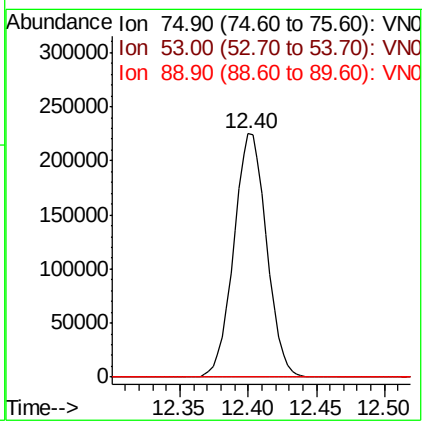


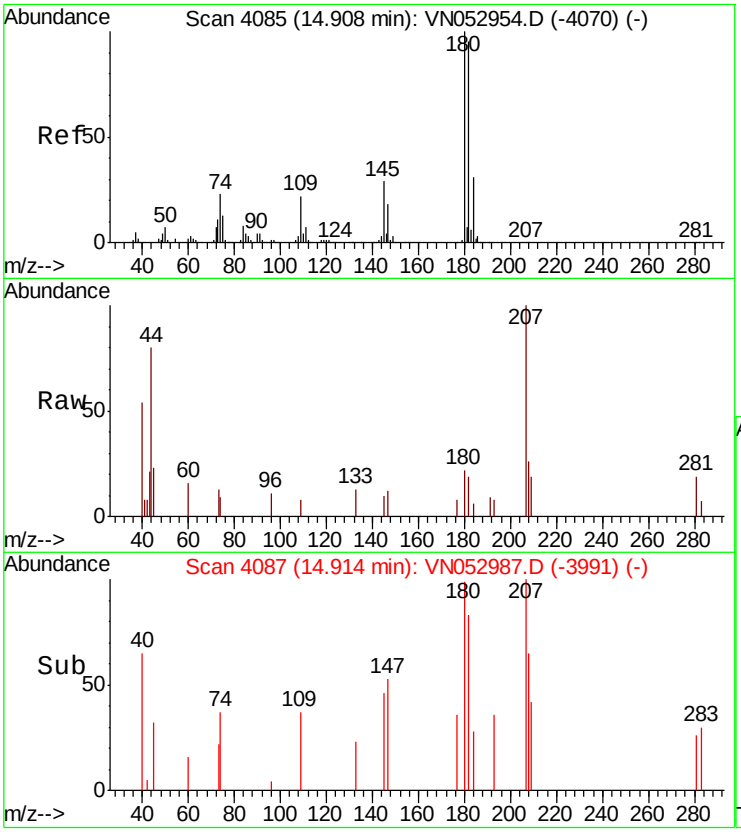


#81
trans-1,4-Dichloro-2-butene
Concen: 108.232 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 75 Resp: 374683

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



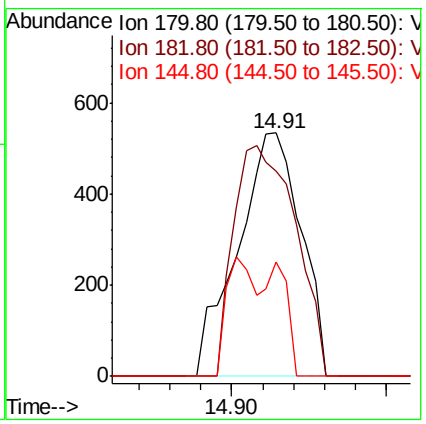


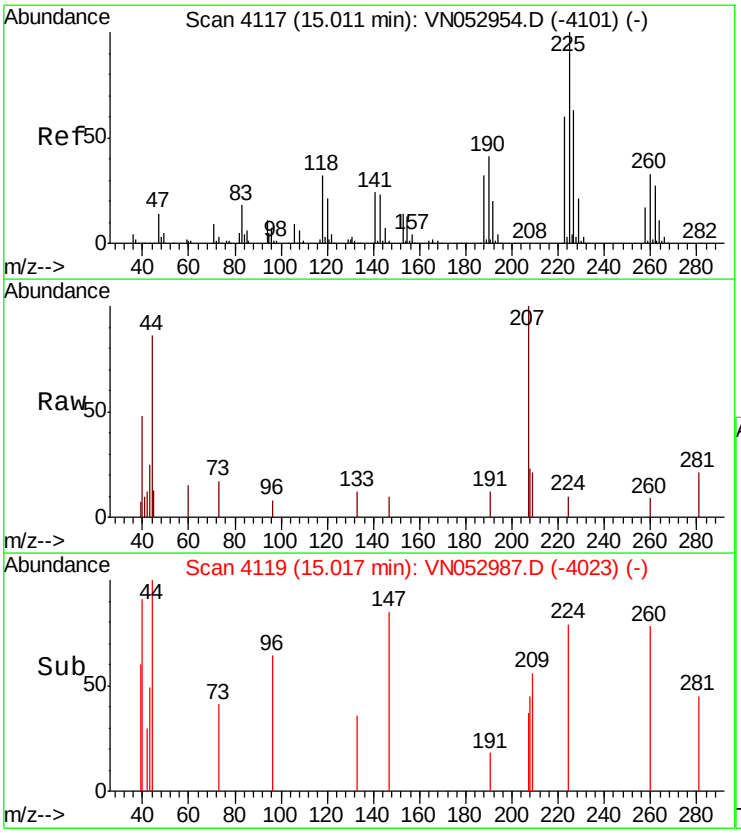
#93
1,2,4-Trichlorobenzene
Concen: 0.659 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion:180 Resp: 762

Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.8	143.3
145	21.9	14.2	42.6

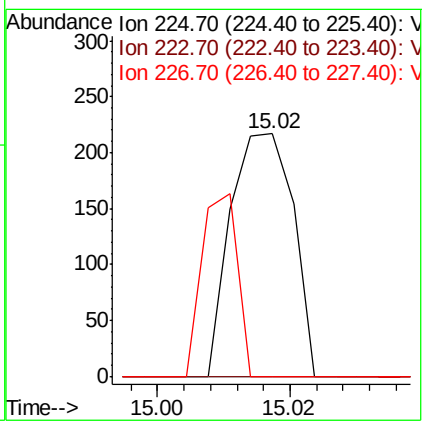


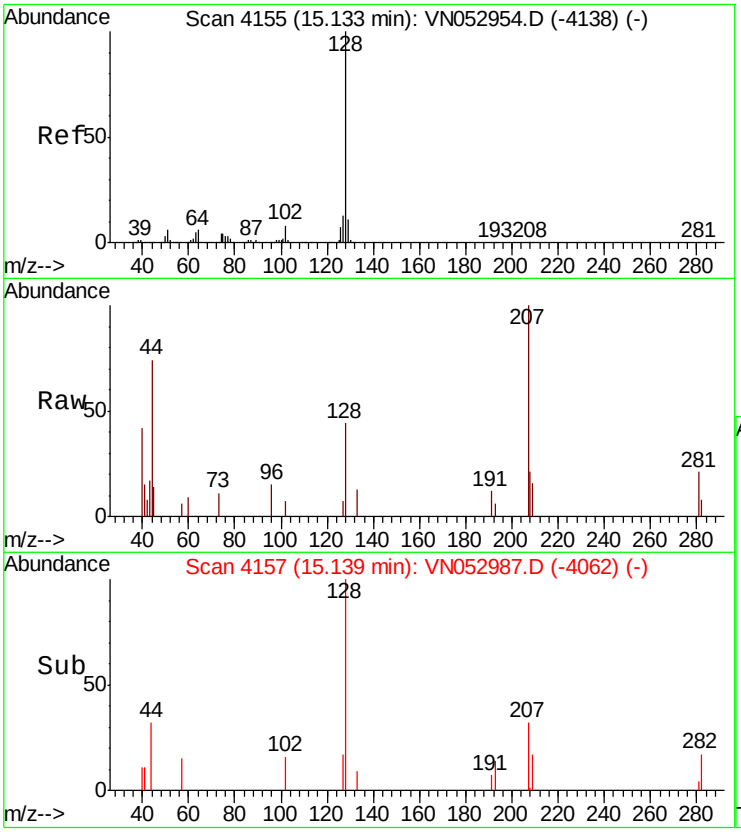


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.02 min Scan# 4119
Delta R.T. 0.01 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion:225 Resp: 142

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.5	94.5#
227	43.0	31.9	95.7



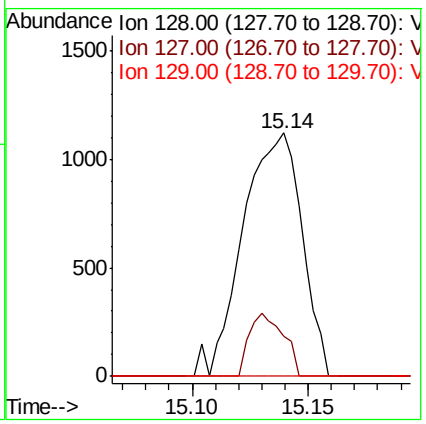


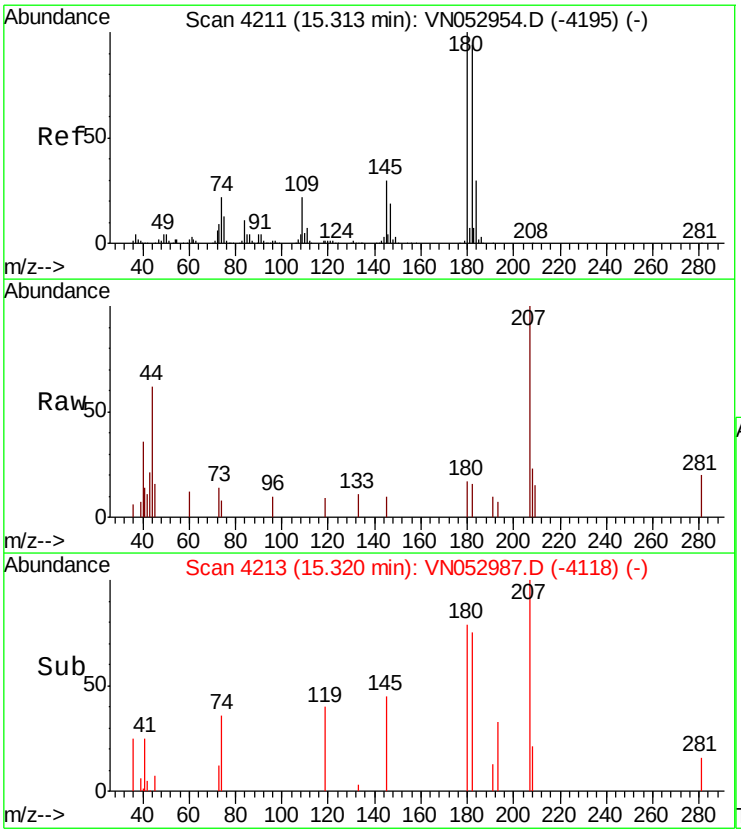
#95
Naphthalene
Concen: 1.221 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion:128 Resp: 1975

Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.2	15.4
129	0.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.569 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion:180 Resp: 657

Ion	Ratio	Lower	Upper
180	100		
182	100.5	47.9	143.7
145	29.4	15.0	45.0