Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
Data File : VN051884.D
Acq On : 16 Oct 2018 10:22
Operator : MD\SY
Sample : PB113865TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB113865TB

Quant Time: Oct 17 02:22:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	841959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1204907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	456715	56.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.50%			
35) Dibromofluoromethane	7.59	113	456716	60.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.92%			
50) Toluene-d8	10.09	98	1661911	59.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.06%			
62) 4-Bromofluorobenzene	12.40	95	471081	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.76%			
Target Compounds						Qvalue
5) Bromomethane	2.57	94	3489	0.455	ug/l	91
11) Tert butyl alcohol	4.77	59	184	0.311	ug/l #	72
13) Acrolein	3.65	56	72	16.051	ug/l #	14
16) Acetone	3.82	43	10976	6.324	ug/l	98
18) Methyl Acetate	4.33	43	6424	0.332	ug/l	97
20) Methylene Chloride	4.55	84	8674	1.208	ug/l	95
25) 2-Butanone	6.85	43	1951	0.796	ug/l	92
29) Tetrahydrofuran	7.22	42	920	0.629	ug/l #	71
31) Cyclohexane	7.67	56	14512	Below Cal	#	17
36) 1,1-Dichloropropene	7.67	75	53481	5.483	ug/l #	50
38) Carbon Tetrachloride	7.67	117	76307	6.749	ug/l #	16
43) Isopropyl Acetate	8.17	43	236387	23.358	ug/l #	96
48) Methyl methacrylate	9.18	41	4576	1.026	ug/l #	11
51) 4-Methyl-2-Pentanone	9.98	43	1308	0.252	ug/l	100
59) 2-Hexanone	10.76	43	14866	4.071	ug/l #	57
71) Bromoform	12.40	173	3494	4.085	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	237718	52.772	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	237718	149.865	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	4079	4.271	ug/l	99
94) Hexachlorobutadiene	15.00	225	1176	0.314	ug/l	83
95) Naphthalene	15.13	128	9685	5.052	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	4107	3.508	ug/l	91

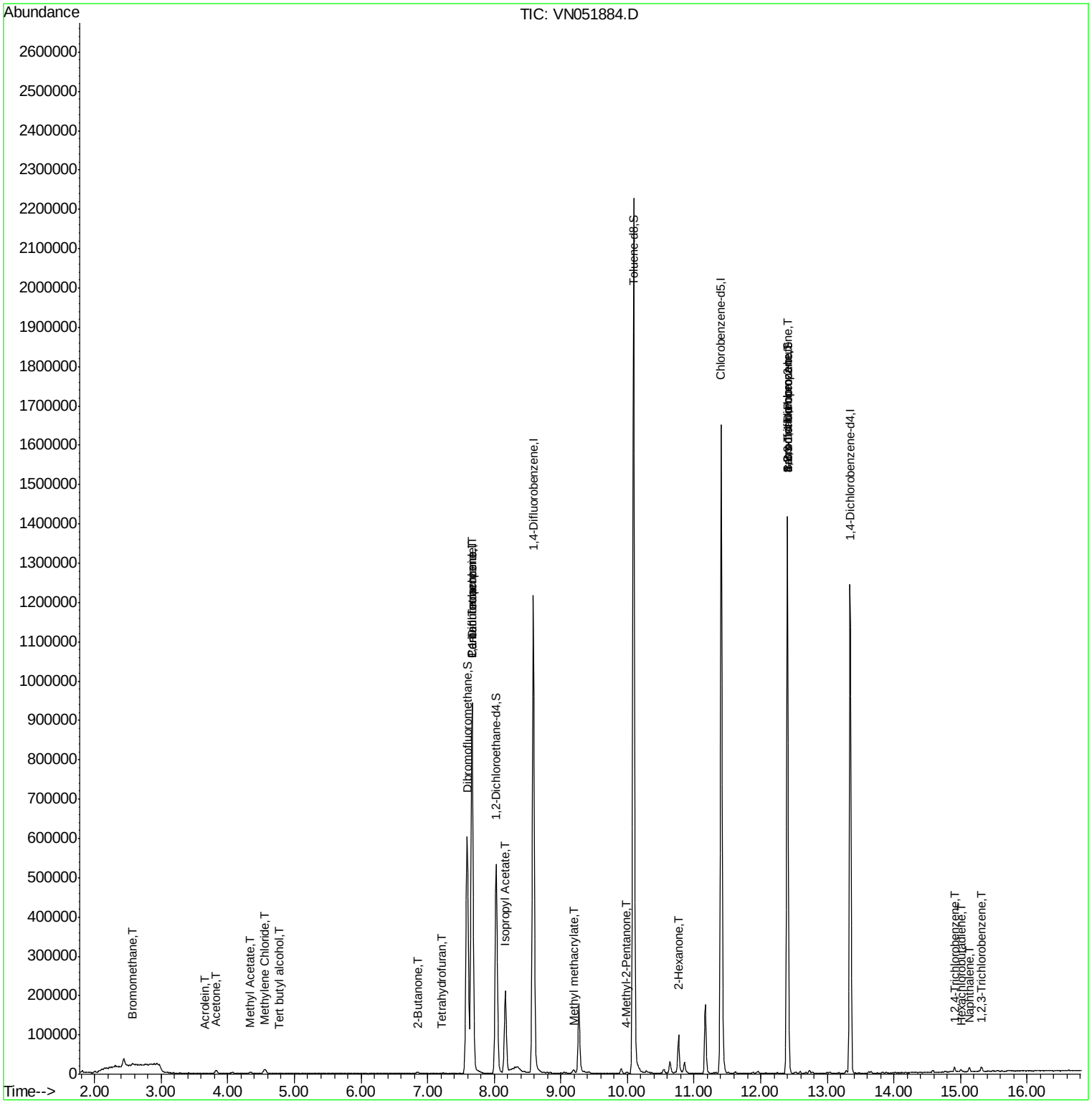
(#) = qualifier out of range (m) = manual integration (+) = signals summed

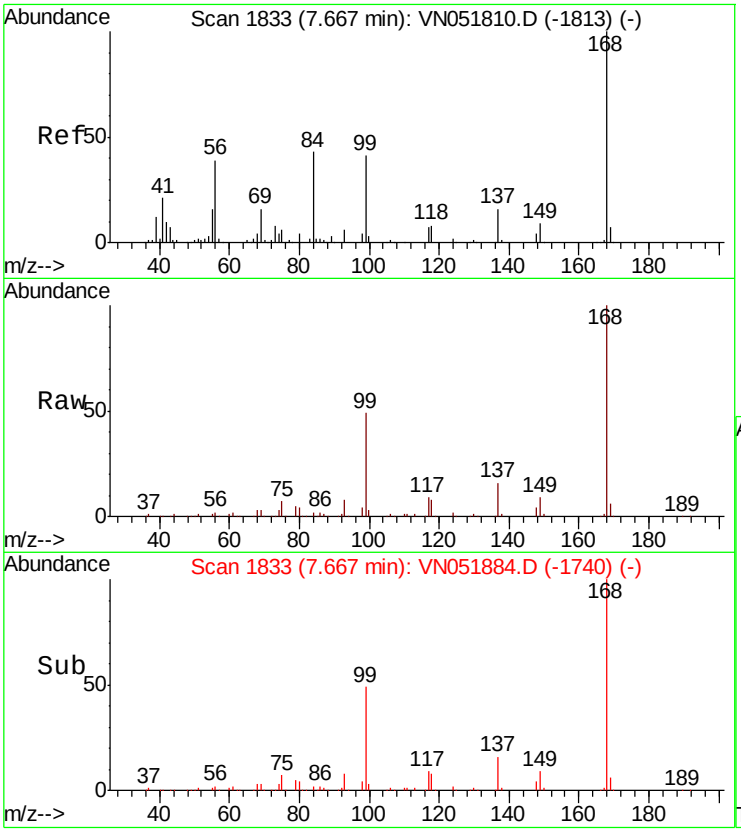
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
Data File : VN051884.D
Acq On : 16 Oct 2018 10:22
Operator : MD\SY
Sample : PB113865TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Quant Time: Oct 17 02:22:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration



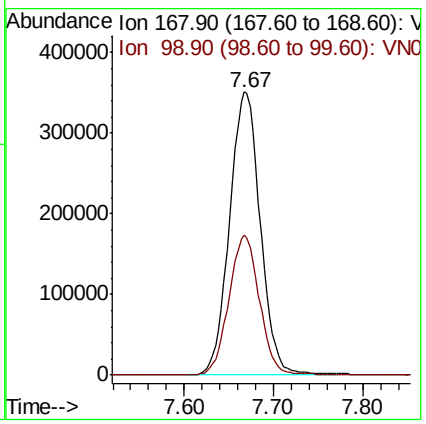


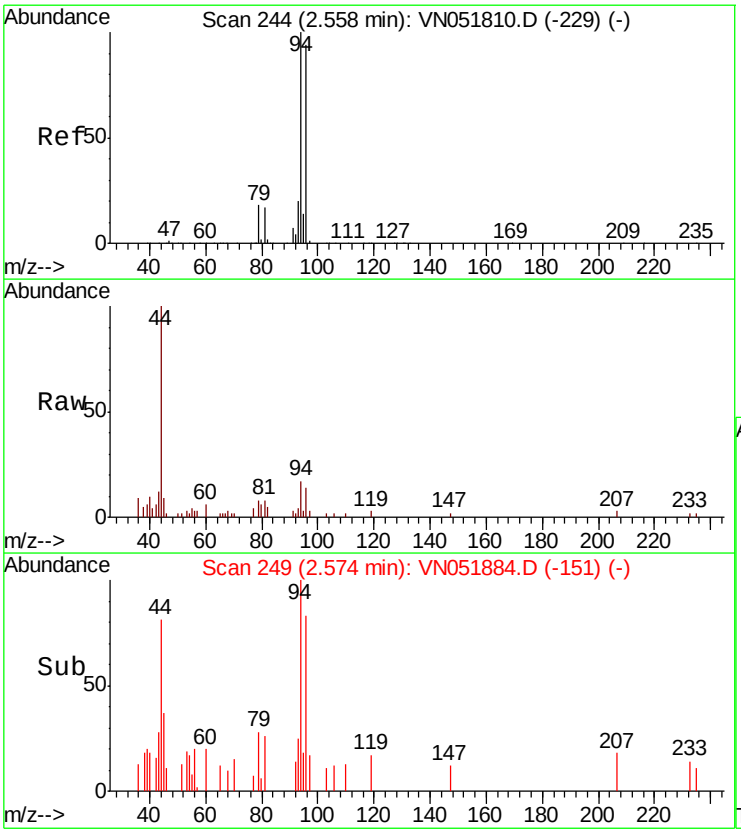
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Tgt Ion:168 Resp: 841959

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.6	59.4

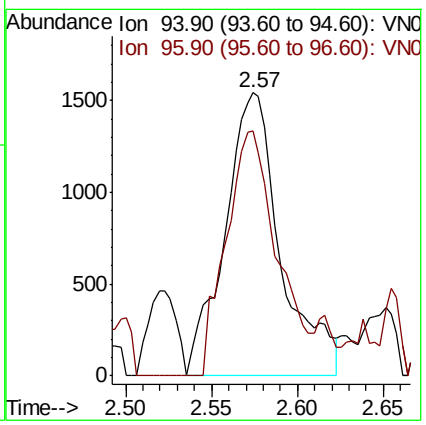


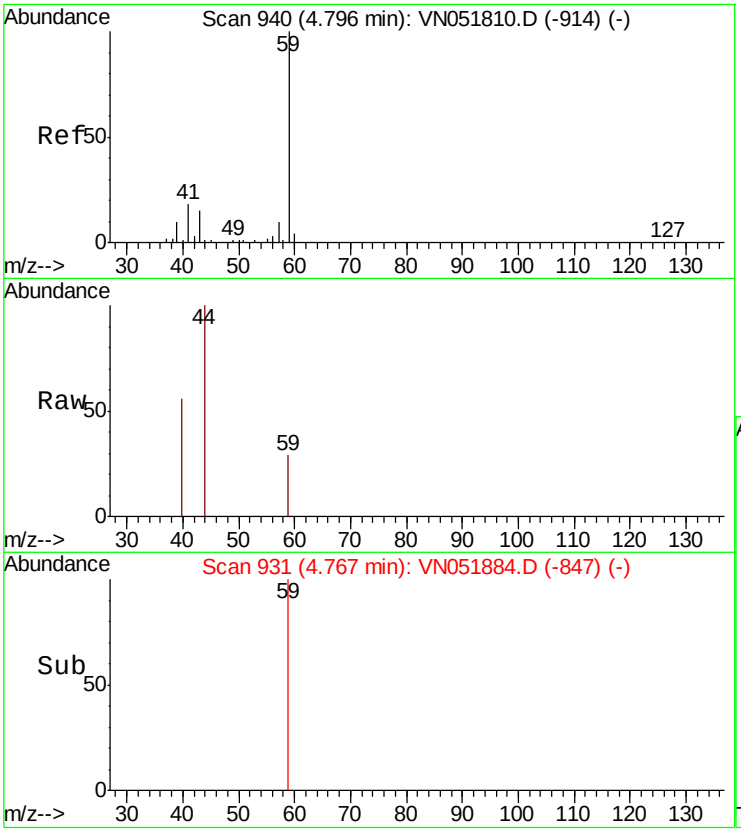


#5
Bromomethane
Concen: 0.455 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.02 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 94 Resp: 3489

Ion	Ratio	Lower	Upper
94	100		
96	86.5	76.2	114.2



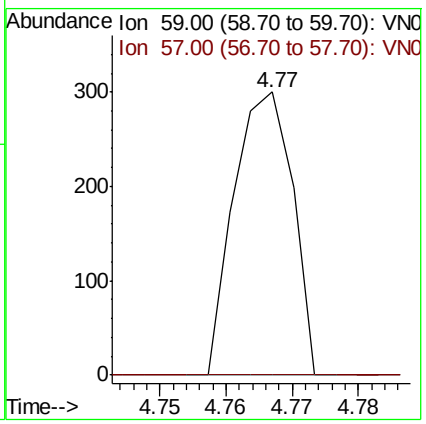


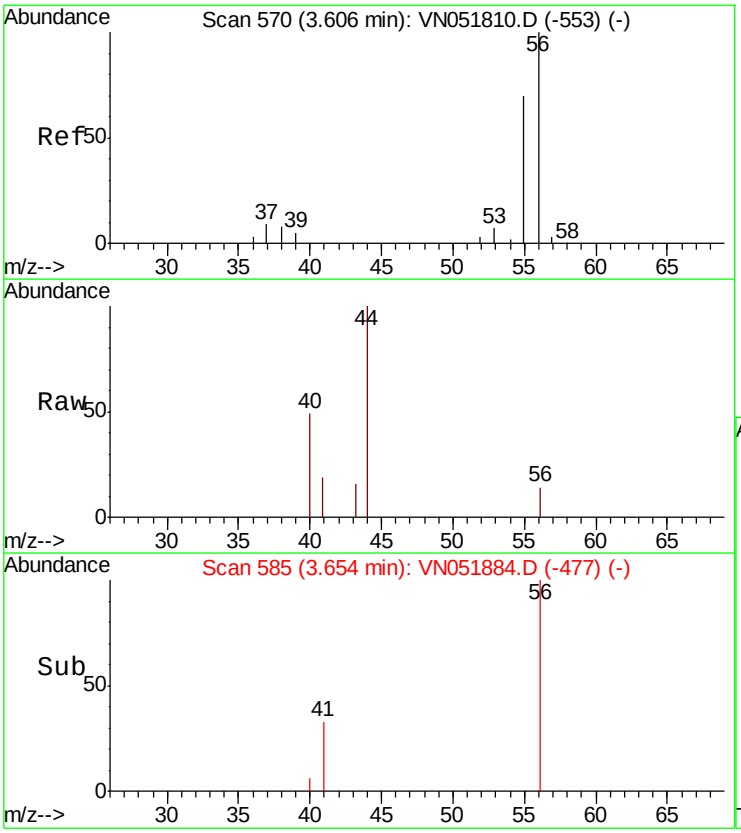
#11
Tert butyl alcohol
Concen: 0.311 ug/l
RT: 4.77 min Scan# 931
Delta R.T. -0.03 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument : MSVOA_N
ClientSampleId : PB113865TB

Tgt Ion: 59 Resp: 184

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

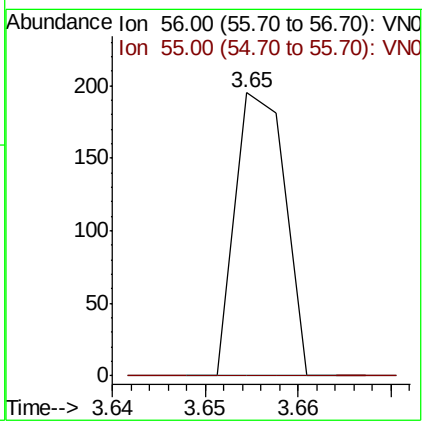


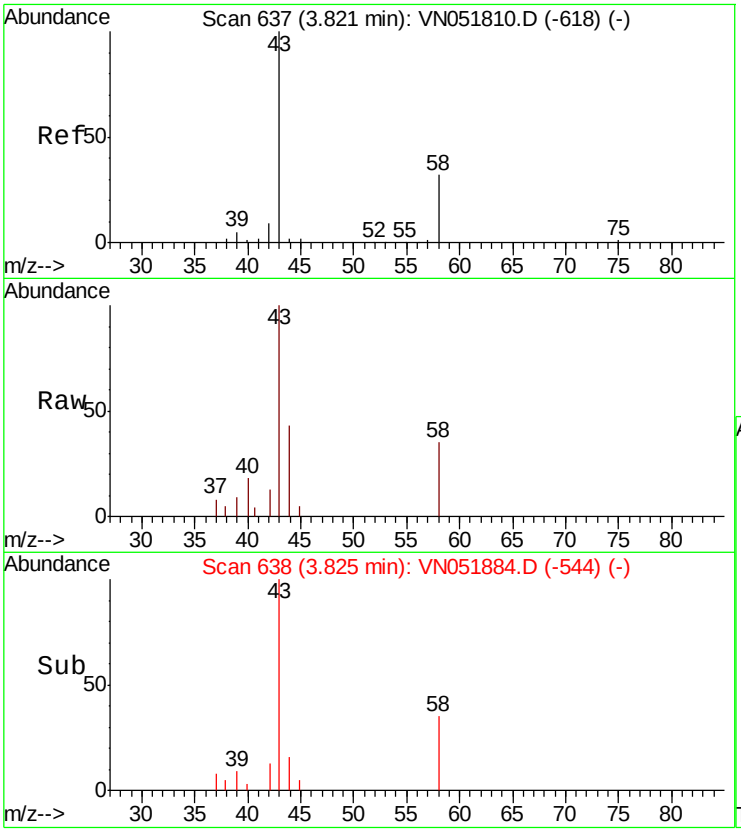


#13
Acrolein
Concen: 16.051 ug/l
RT: 3.65 min Scan# 585
Delta R.T. 0.05 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 56 Resp: 72

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.7	86.5#



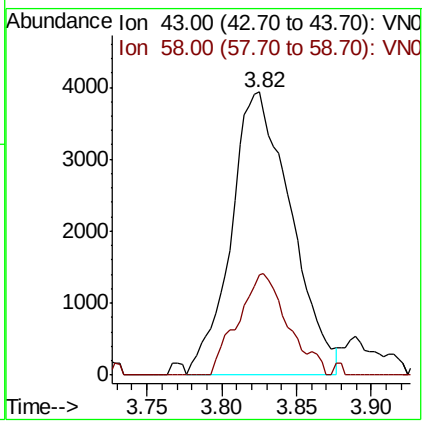


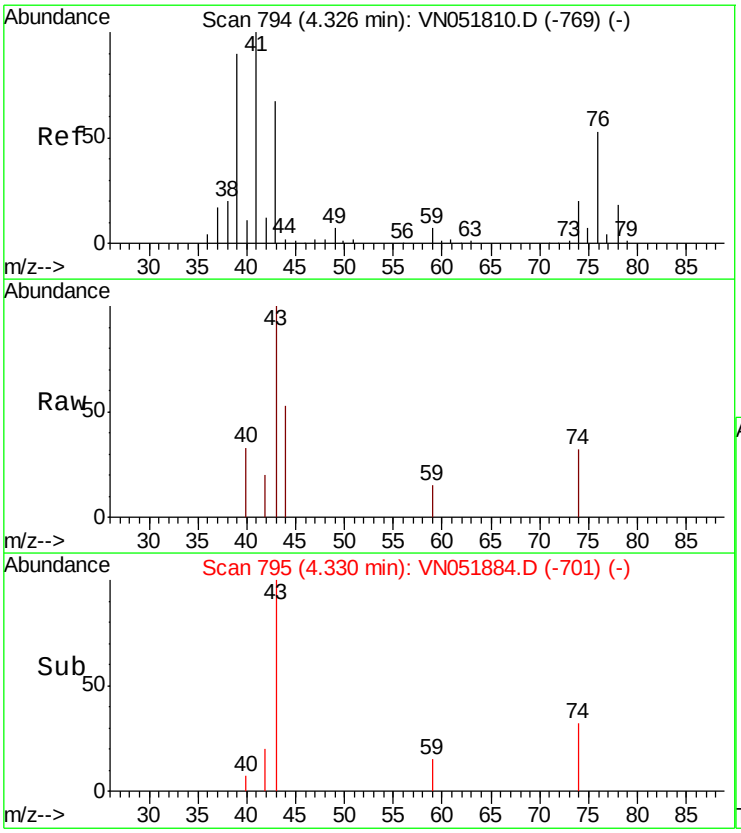
#16
Acetone
Concen: 6.324 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Tgt Ion: 43 Resp: 10976

Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.2	40.8

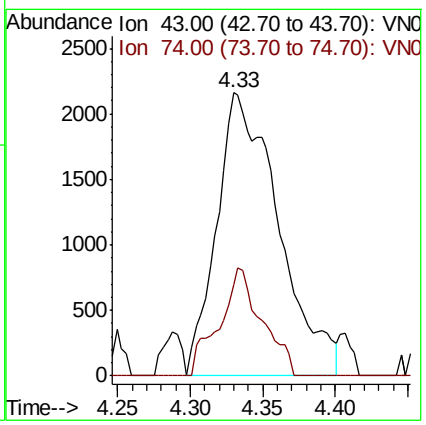


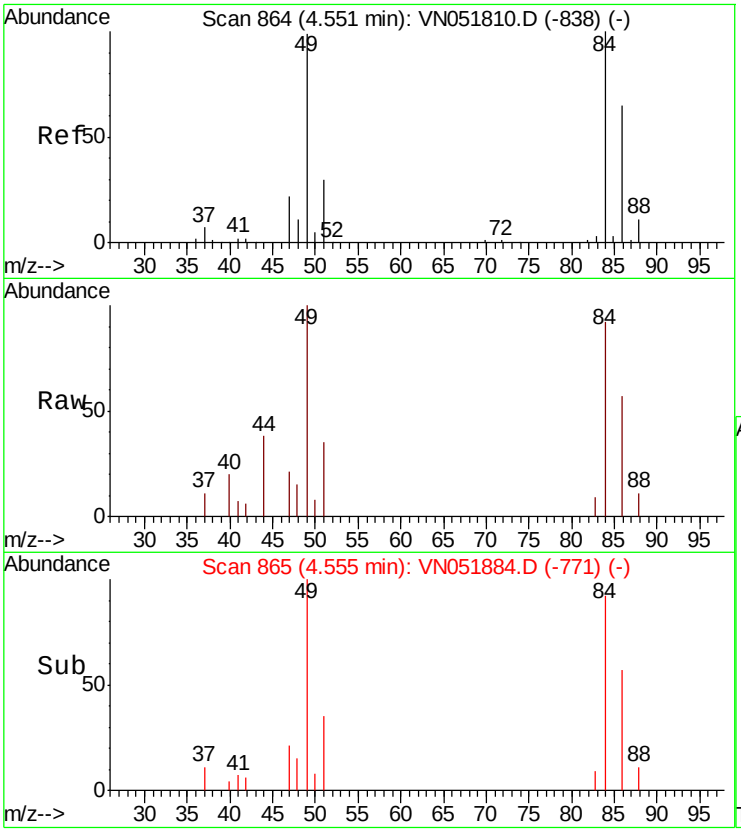


#18
Methyl Acetate
Concen: 0.332 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 43 Resp: 6424

Ion	Ratio	Lower	Upper
43	100		
74	26.3	19.8	29.8



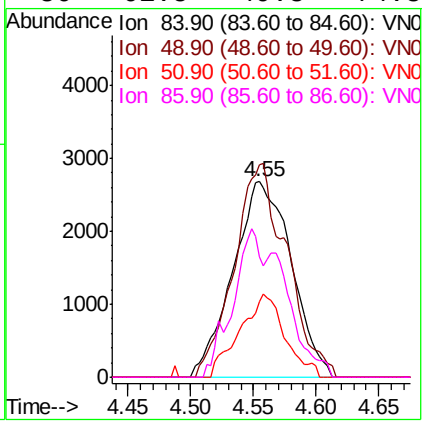


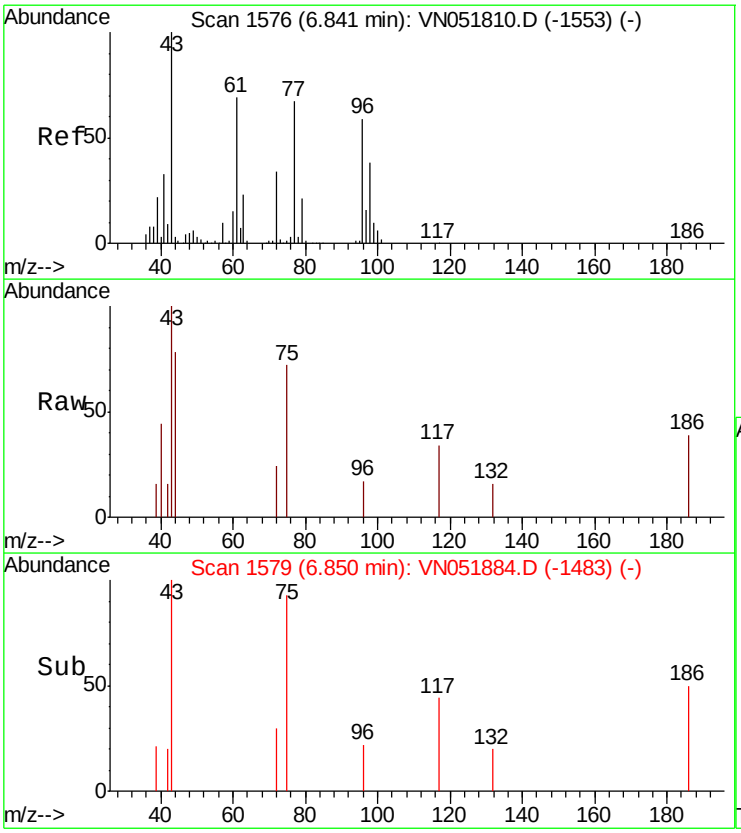
#20
Methylene Chloride
Concen: 1.208 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument : MSVOA_N
ClientSampleId : PB113865TB

Tgt Ion: 84 Resp: 8674

Ion	Ratio	Lower	Upper
84	100		
49	108.8	93.2	139.8
51	38.6	29.0	43.6
86	61.5	49.8	74.8

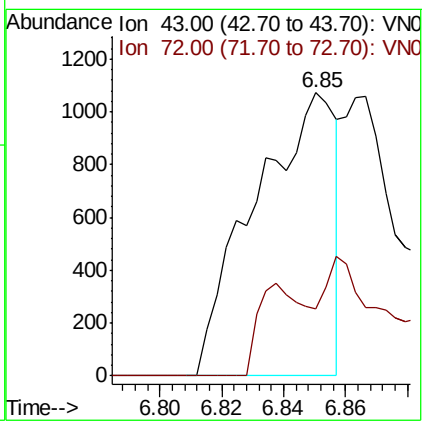


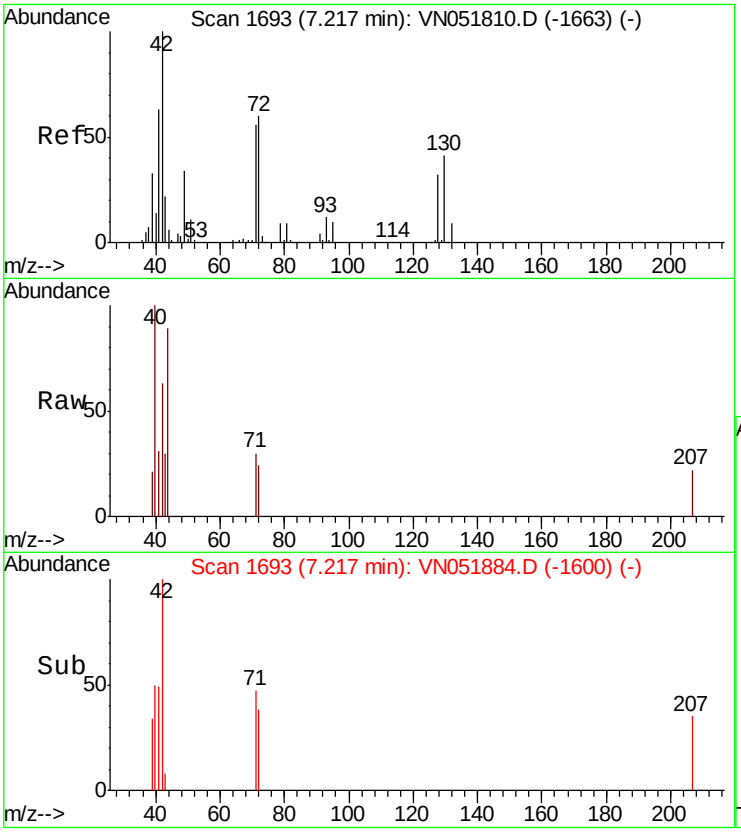


#25
2-Butanone
Concen: 0.796 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 43 Resp: 1951

Ion	Ratio	Lower	Upper
43	100		
72	23.5	22.3	33.5



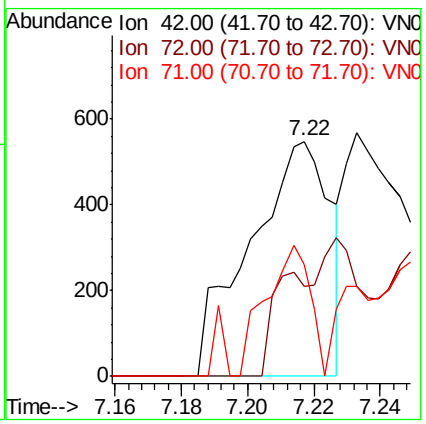


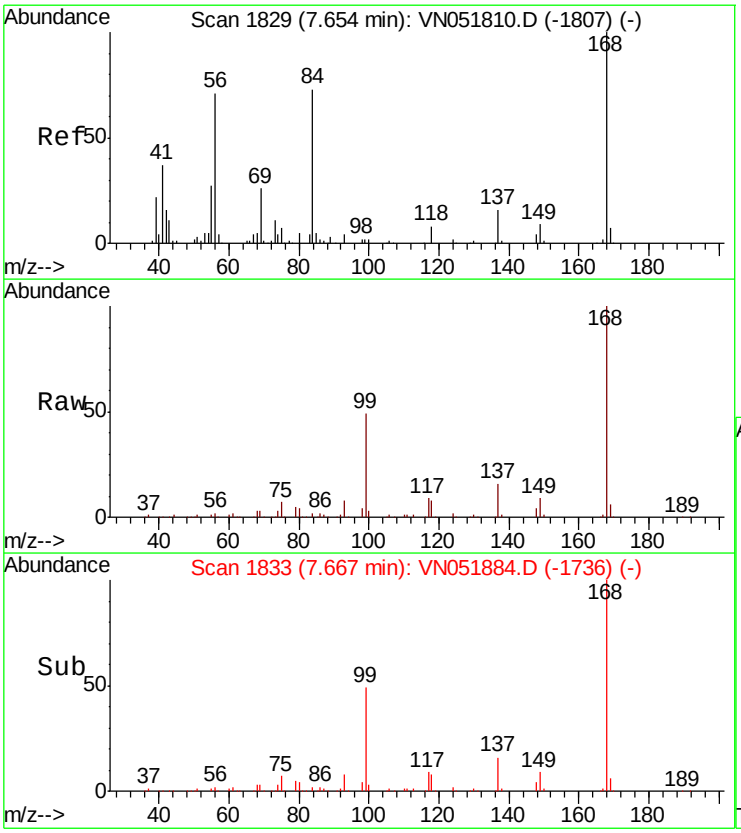
#29
Tetrahydrofuran
Concen: 0.629 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Tgt Ion: 42 Resp: 920

Ion	Ratio	Lower	Upper
42	100		
72	18.4	35.5	53.3#
71	31.1	33.7	50.5#

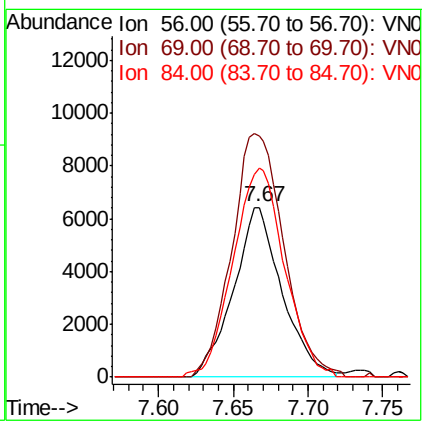


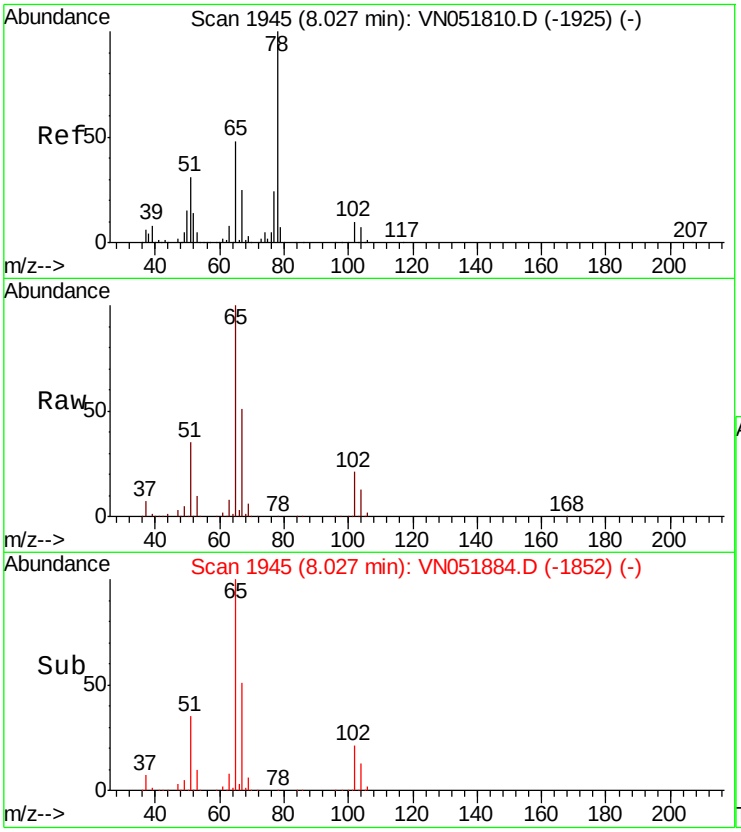


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 56 Resp: 14512

Ion	Ratio	Lower	Upper
56	100		
69	142.0	26.2	39.4#
84	123.0	68.3	102.5#



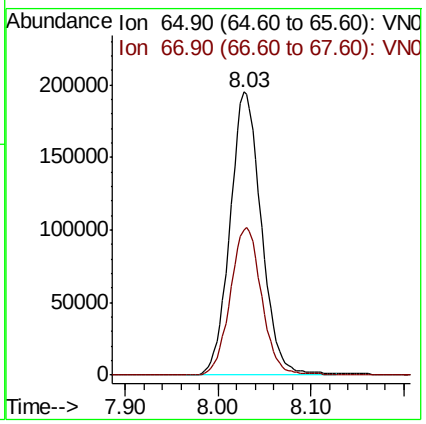


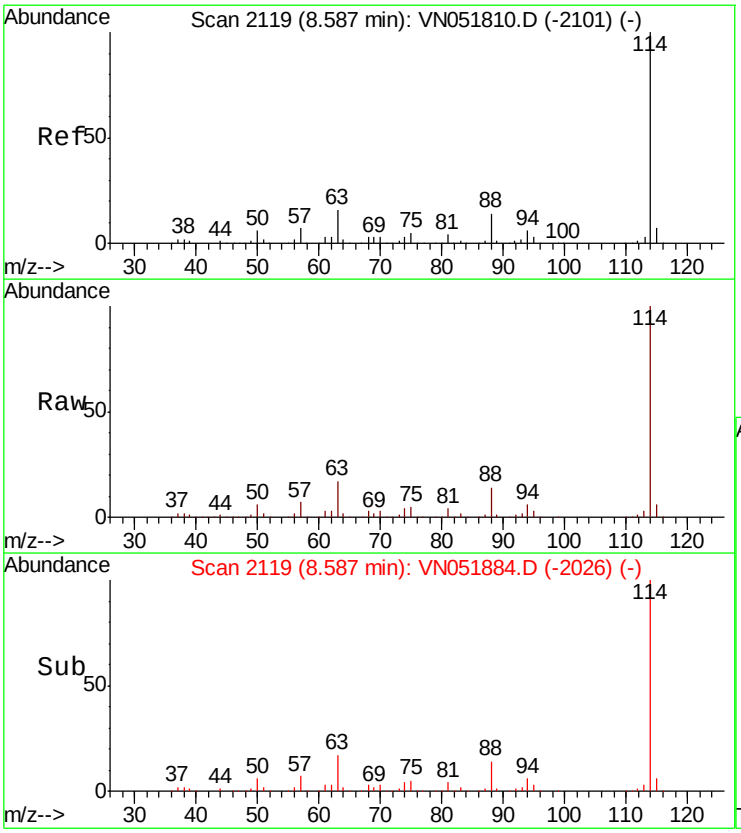
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument : MSVOA_N
ClientSampleId : PB113865TB

Tgt Ion: 65 Resp: 456715

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	110.4

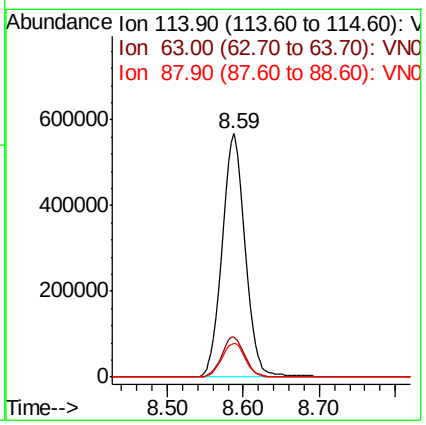


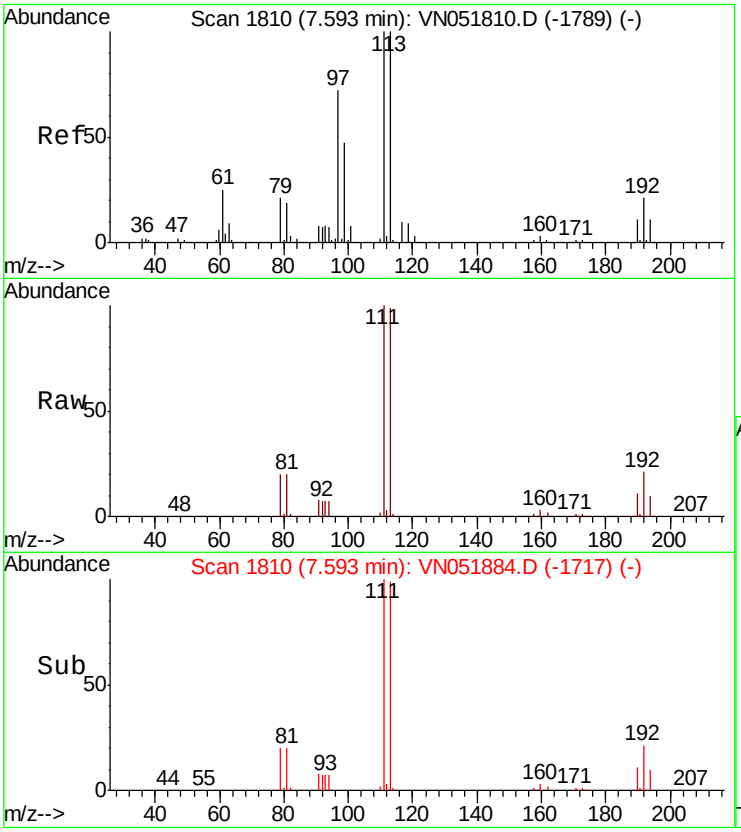


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion:114 Resp: 1204907

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	38.6
88	13.9	0.0	30.6



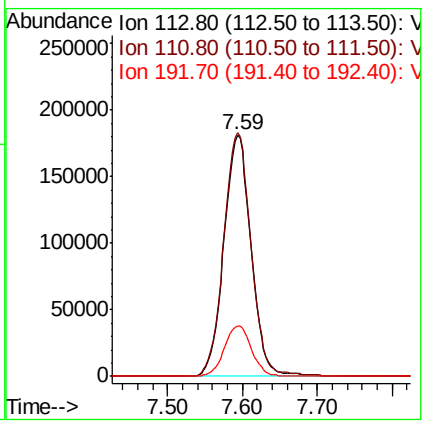


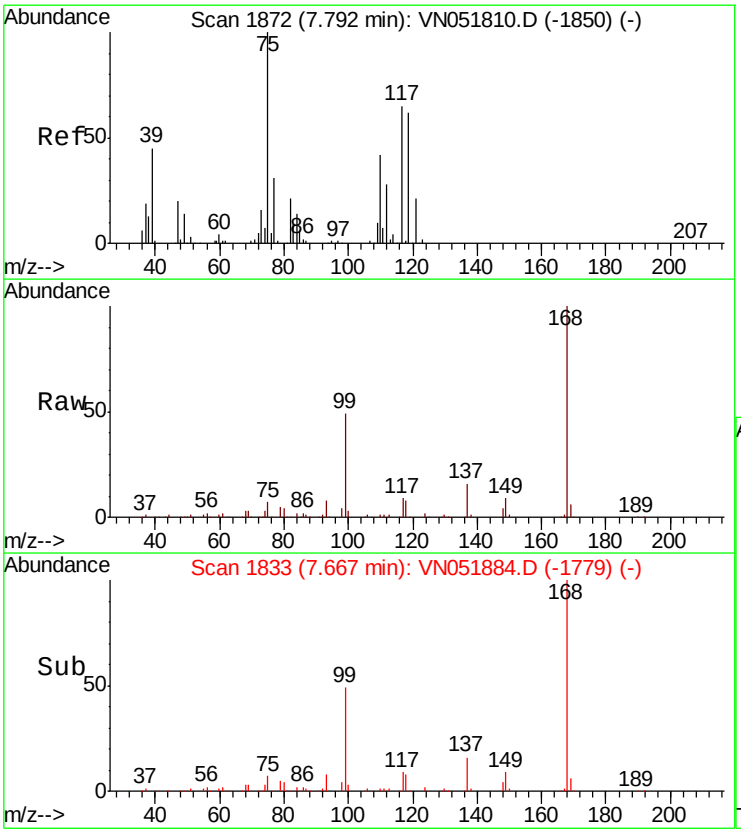
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Tgt Ion:113 Resp: 456716

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	20.9	18.0	27.0

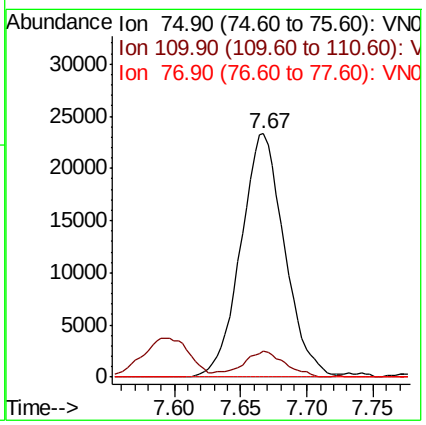


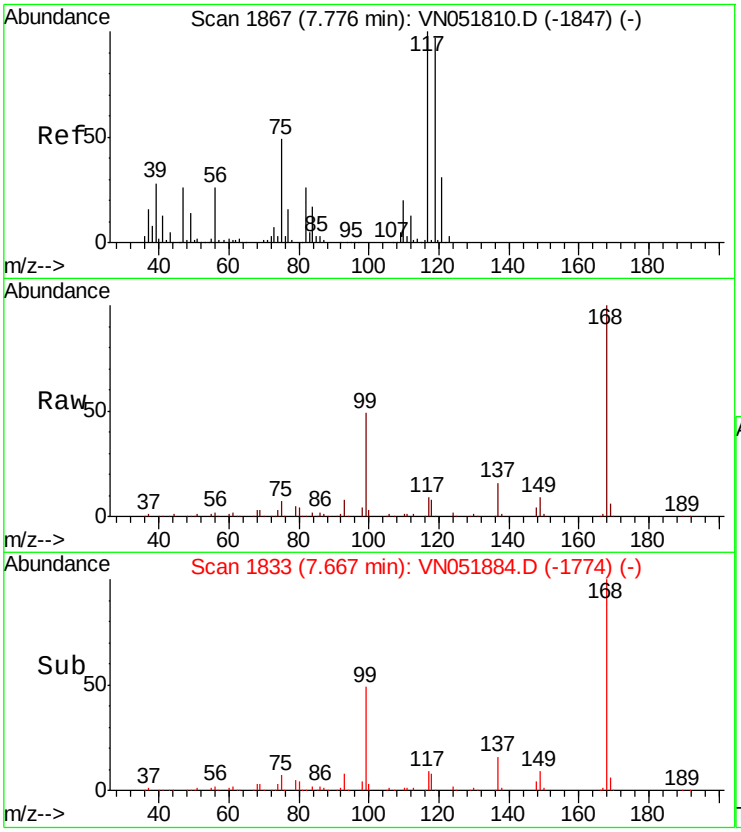


#36
1,1-Dichloropropene
Concen: 5.483 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 75 Resp: 53481

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	24.8	37.2#



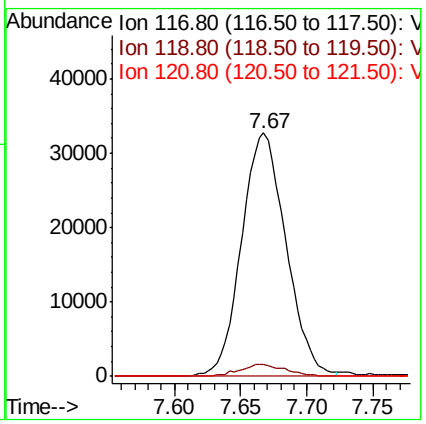


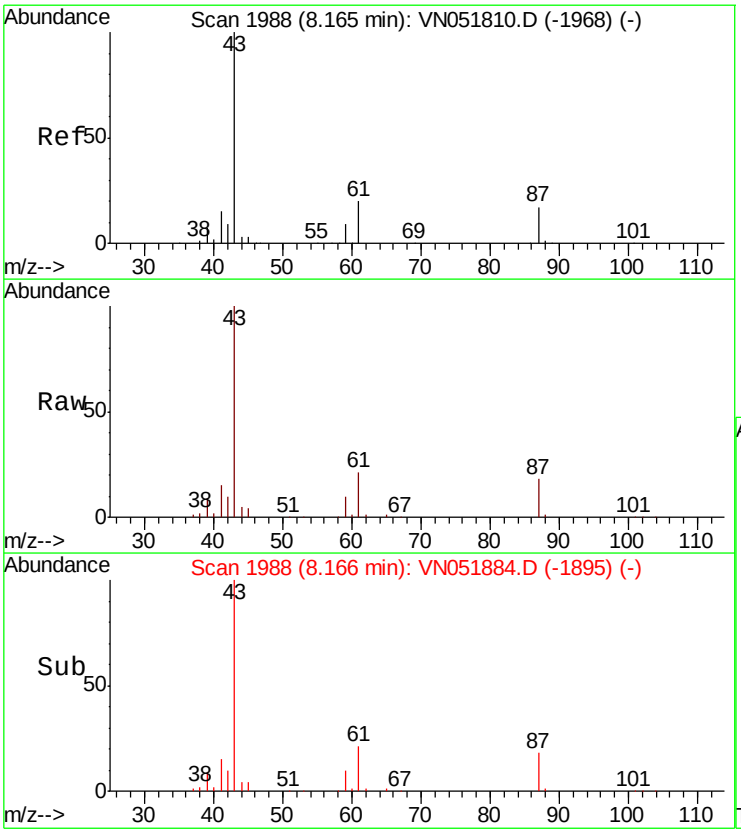
#38
Carbon Tetrachloride
Concen: 6.749 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument : MSVOA_N
ClientSampleId : PB113865TB

Tgt Ion:117 Resp: 76307

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.3	114.5#
121	0.0	24.6	36.8#

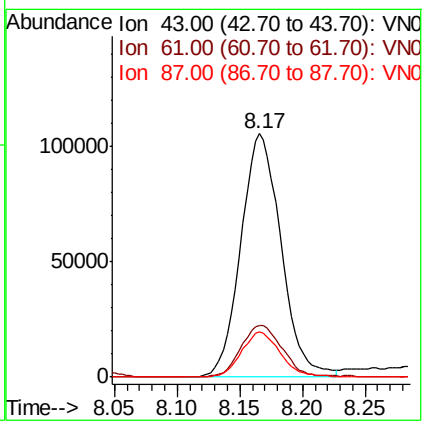


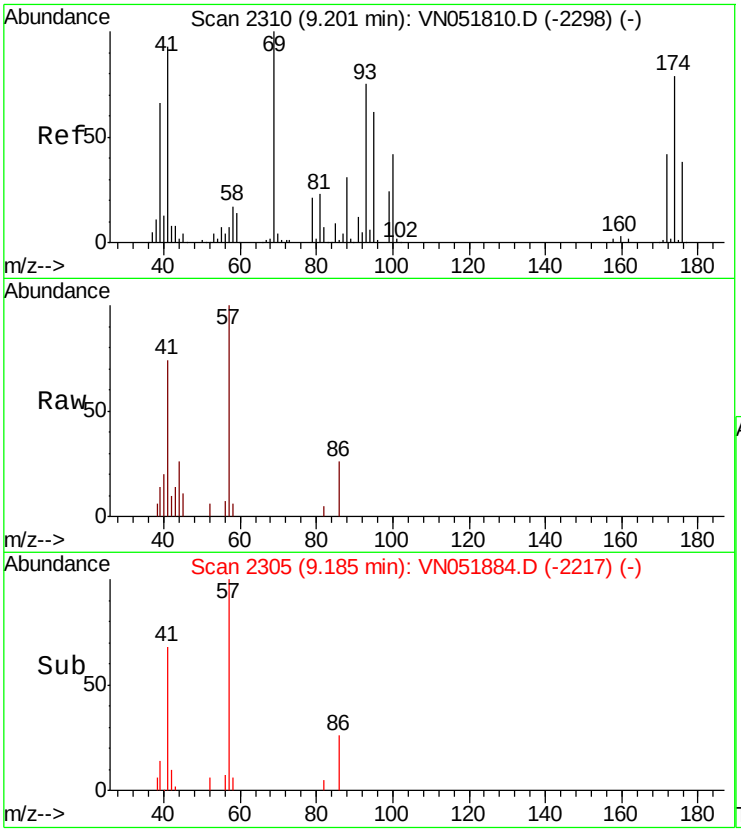


#43
Isopropyl Acetate
Concen: 23.358 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 43 Resp: 236387

Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.5	26.3
87	18.2	11.3	16.9#



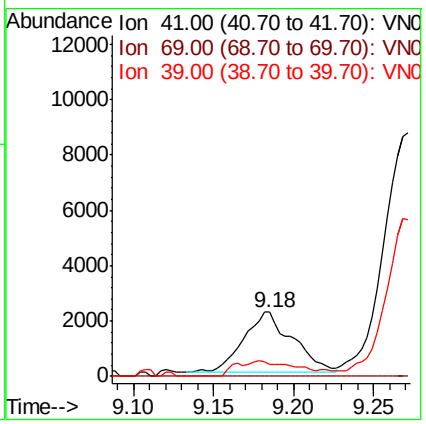


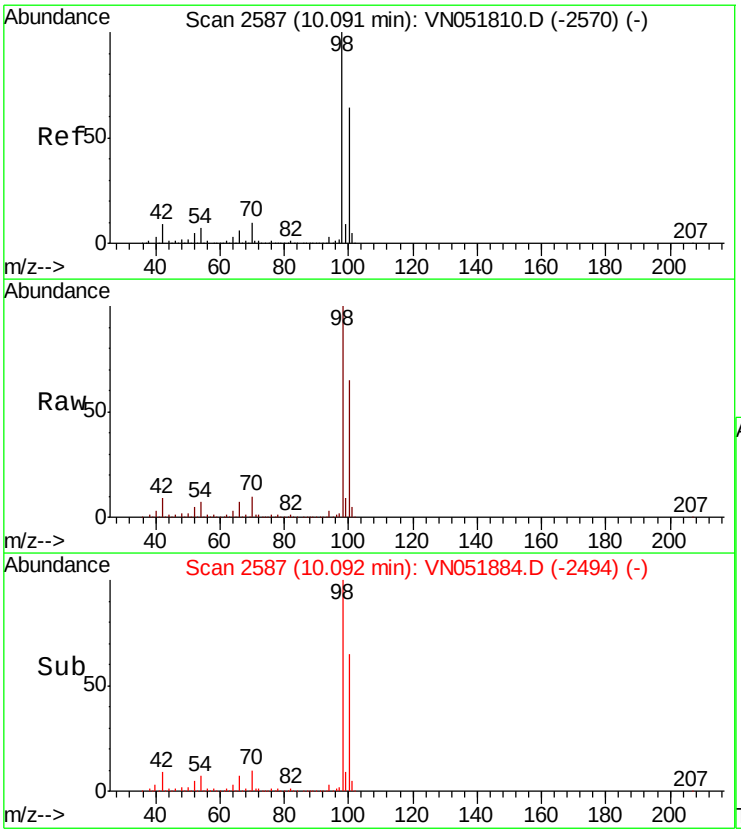
#48
Methyl methacrylate
Concen: 1.026 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument : MSVOA_N
ClientSampleId : PB113865TB

Tgt Ion: 41 Resp: 4576

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.7	112.1#
39	0.0	42.2	63.2#

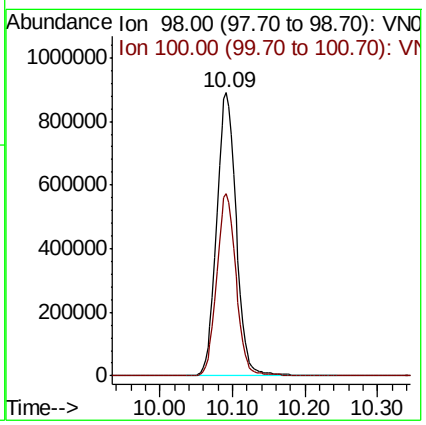


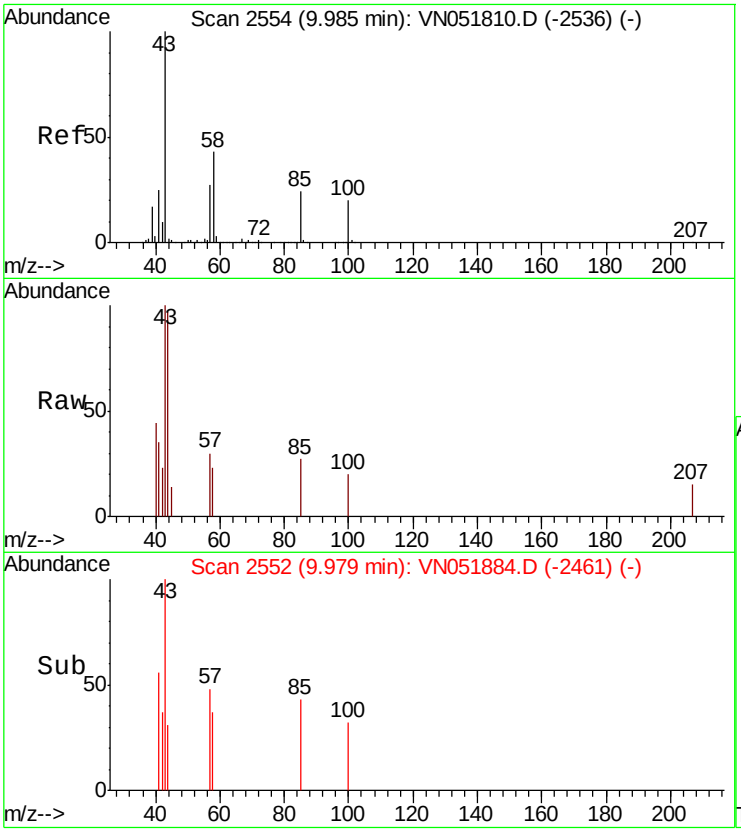


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 98 Resp: 1661911

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3



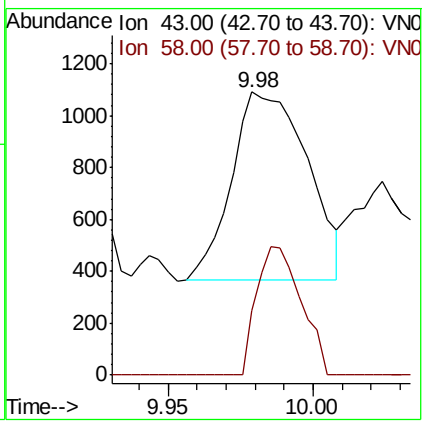


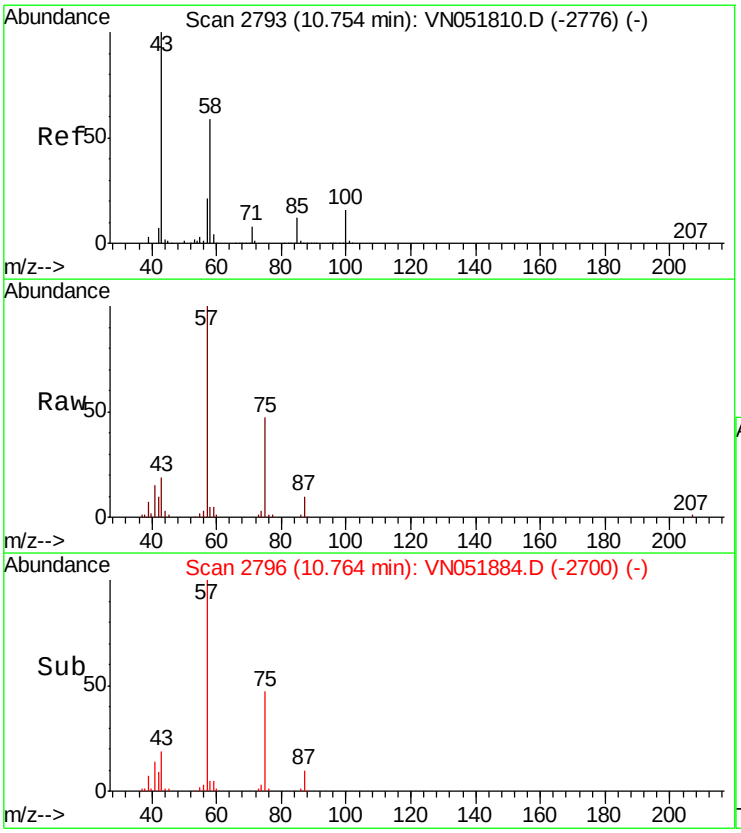
#51
4-Methyl-2-Pentanone
Concen: 0.252 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.01 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Tgt Ion: 43 Resp: 1308

Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.4	48.6

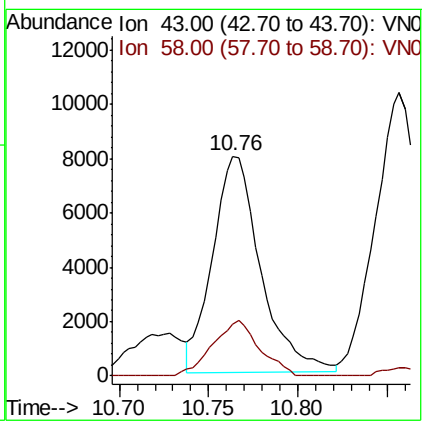


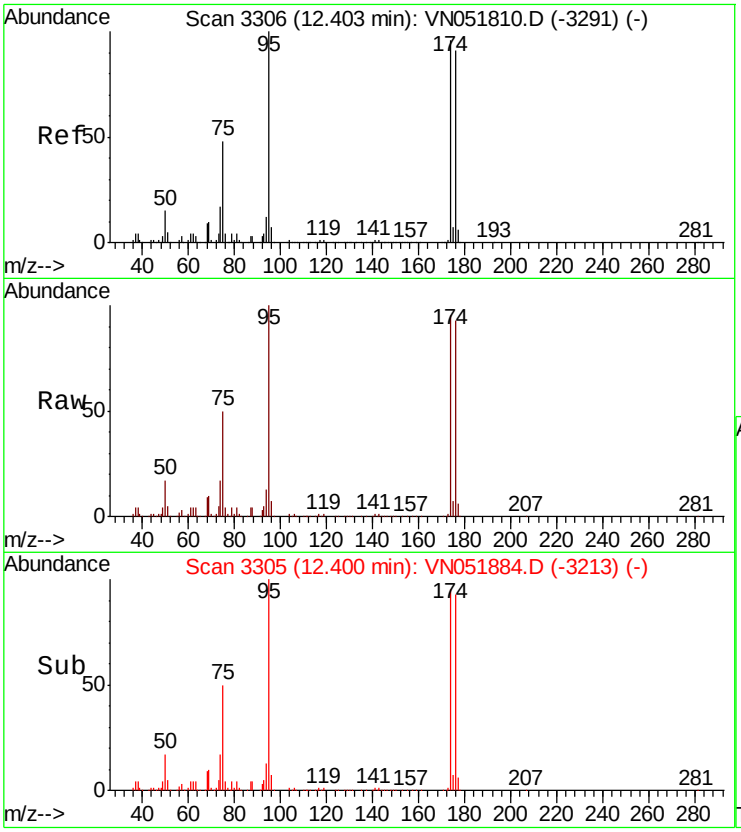


#59
2-Hexanone
Concen: 4.071 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 43 Resp: 14866

Ion	Ratio	Lower	Upper
43	100		
58	25.1	28.3	85.0#



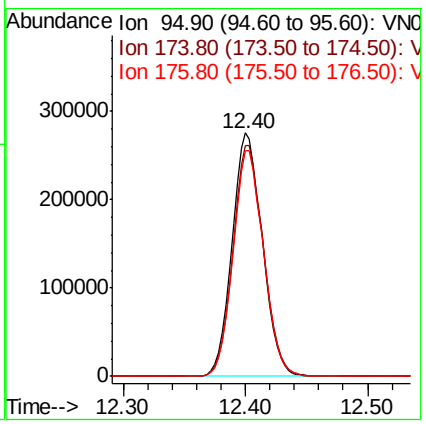


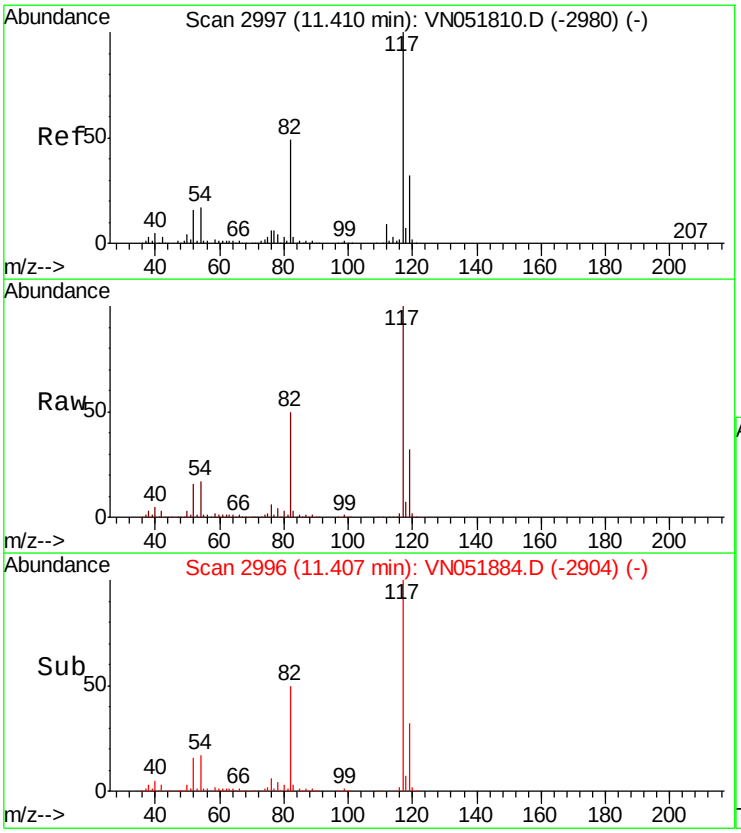
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Tgt Ion: 95 Resp: 471081

Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	183.0
176	93.2	0.0	178.8

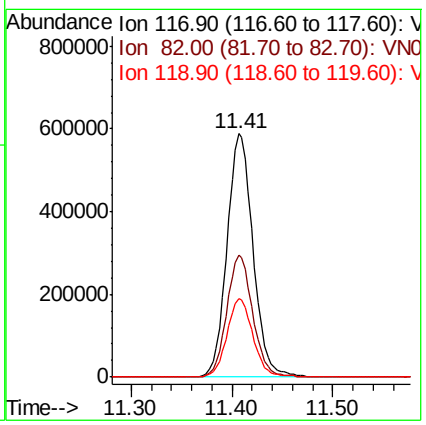


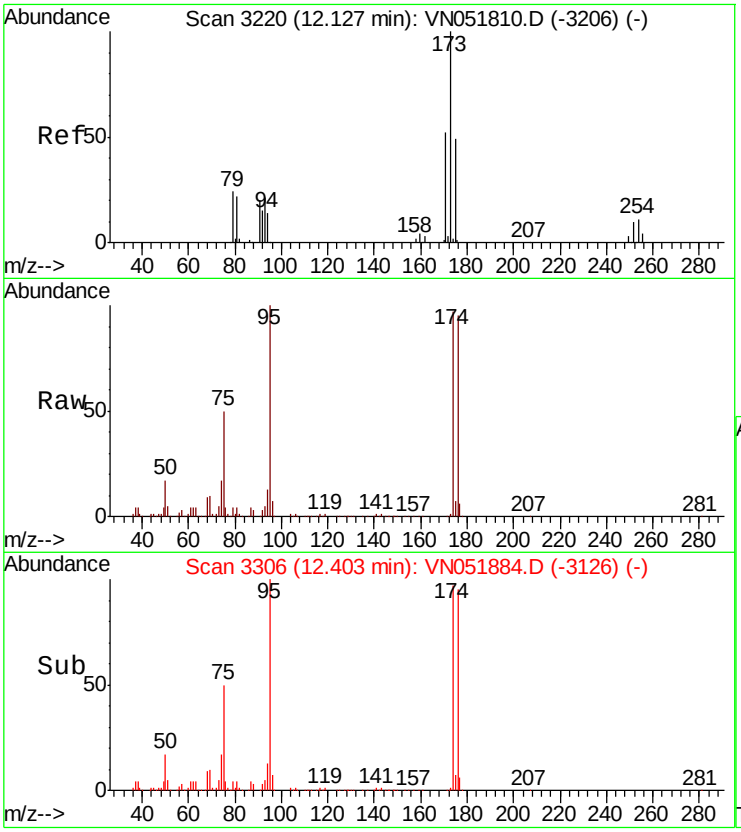


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion:117 Resp: 1057046

Ion	Ratio	Lower	Upper
117	100		
82	49.9	42.6	64.0
119	32.1	25.8	38.6



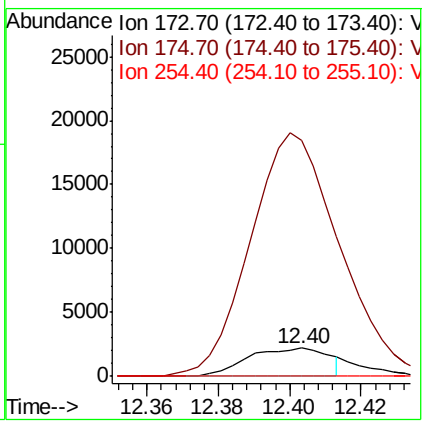


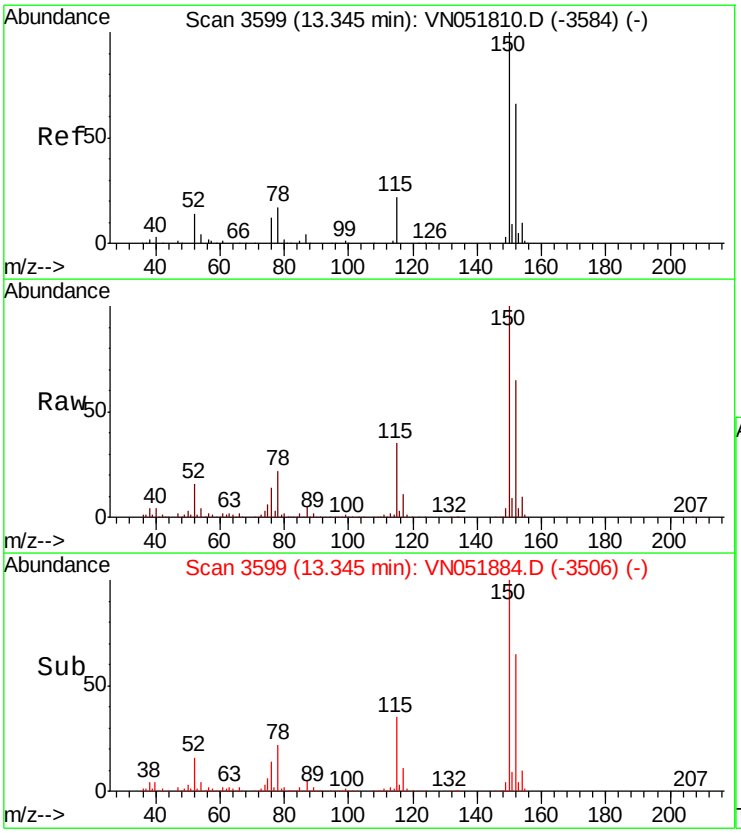
#71
Bromoform
Concen: 4.085 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Tgt Ion:173 Resp: 3494

Ion	Ratio	Lower	Upper
173	100		
175	800.5	24.4	73.4#
254	0.0	0.1	0.1#

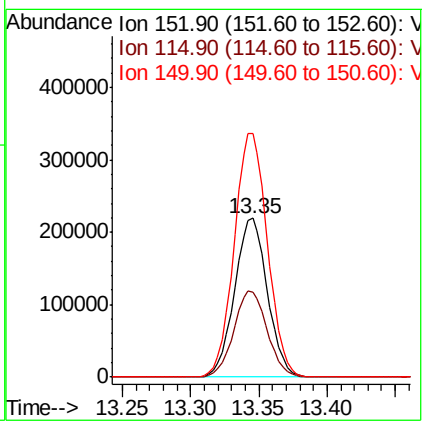


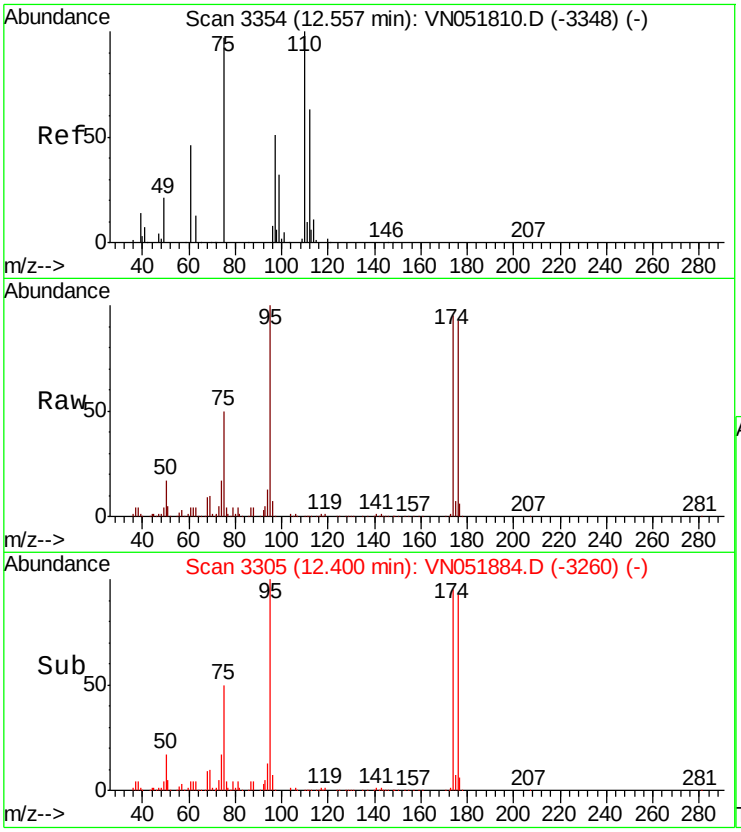


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion:152 Resp: 365274

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.8	83.4
150	155.8	0.0	351.4



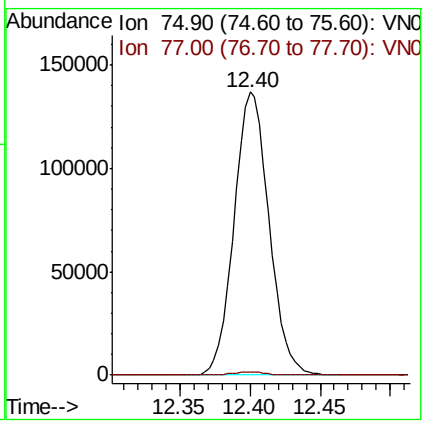


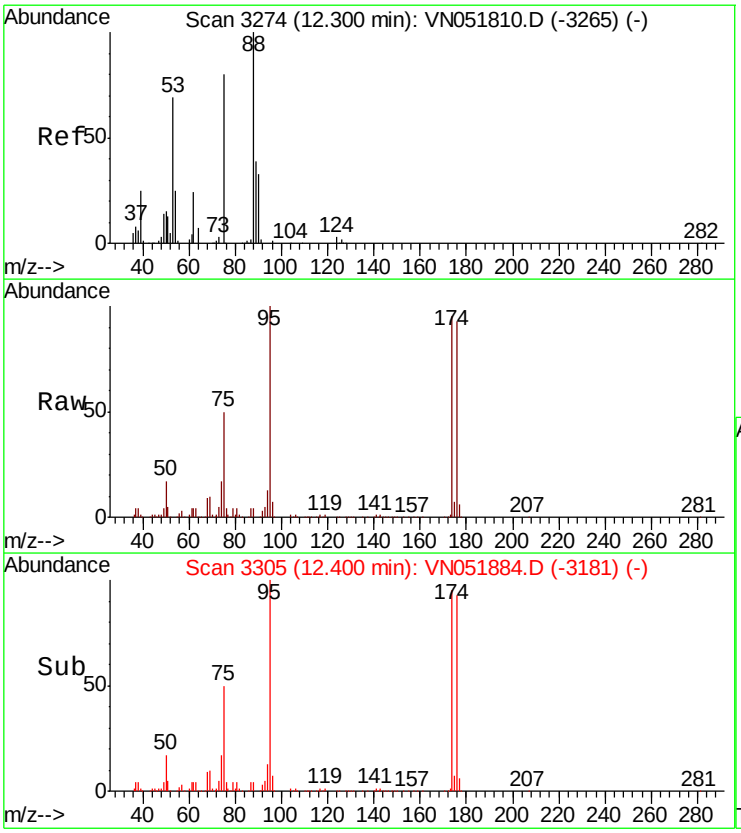
#76
1,2,3-Trichloropropane
Concen: 52.772 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.16 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument : MSVOA_N
ClientSampleId : PB113865TB

Tgt Ion: 75 Resp: 237718

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

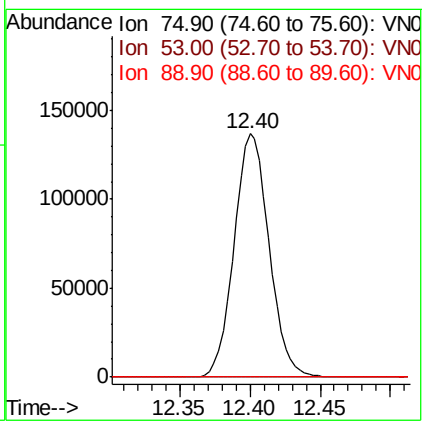


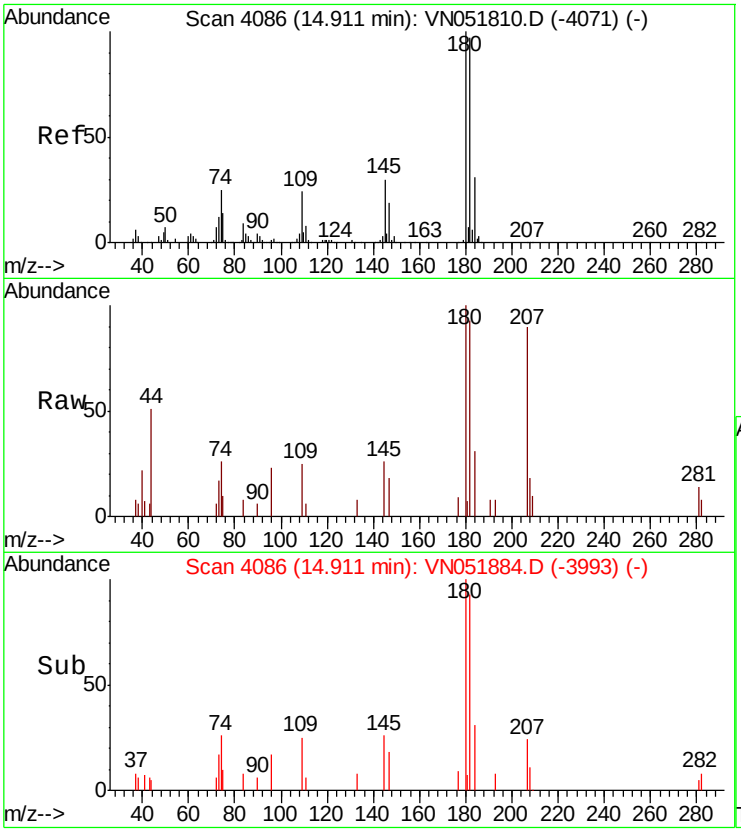


#81
trans-1,4-Dichloro-2-butene
Concen: 149.865 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion: 75 Resp: 237718

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.9	103.3#
89	0.0	36.1	54.1#



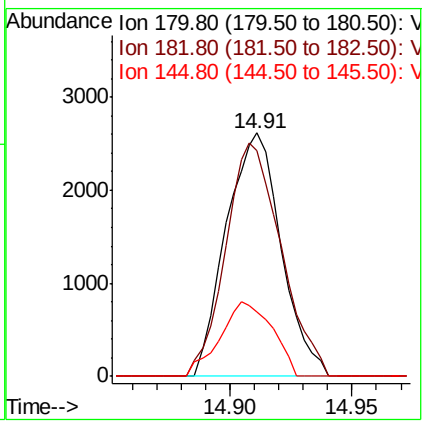


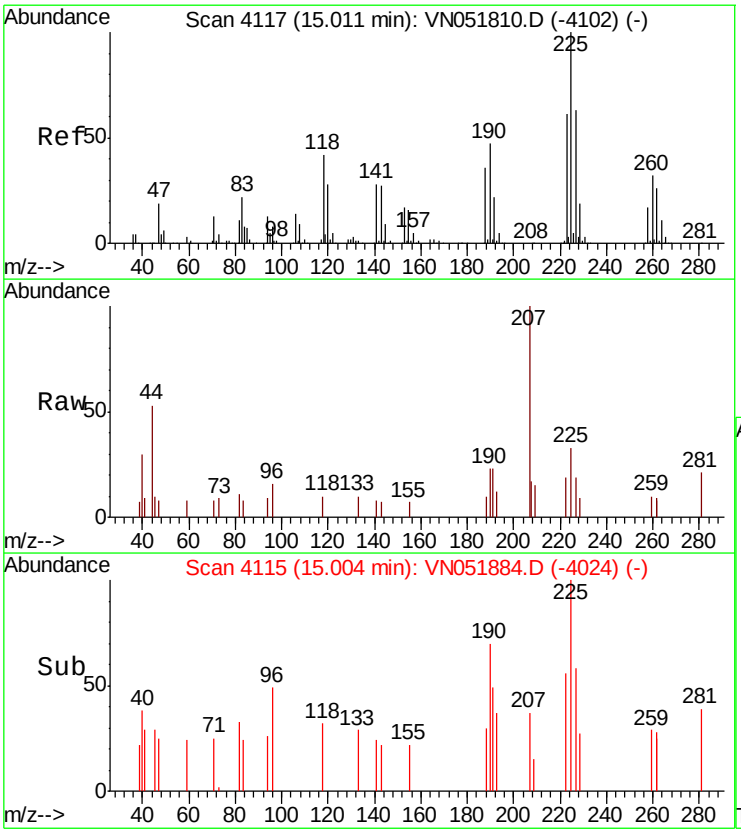
#93
1,2,4-Trichlorobenzene
Concen: 4.271 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Tgt Ion:180 Resp: 4079

Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.2	144.6
145	29.1	14.1	42.2

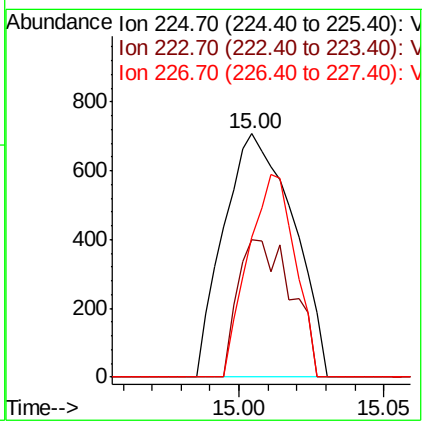


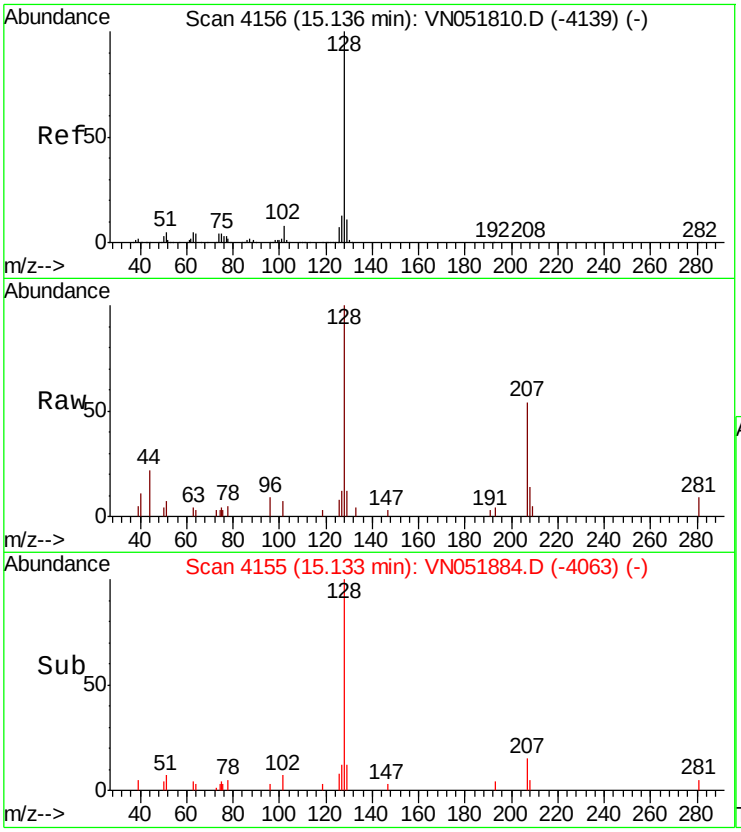


#94
Hexachlorobutadiene
Concen: 0.314 ug/l
RT: 15.00 min Scan# 4115
Delta R.T. -0.01 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion:225 Resp: 1176

Ion	Ratio	Lower	Upper
225	100		
223	43.9	31.3	93.8
227	56.5	32.0	96.2



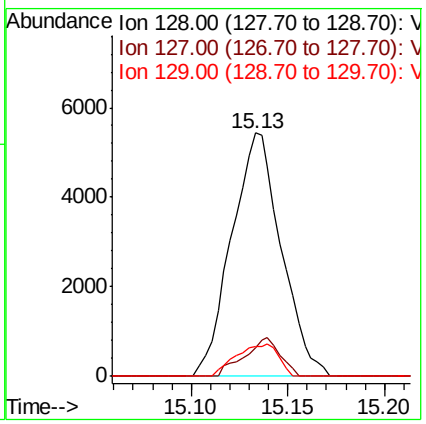


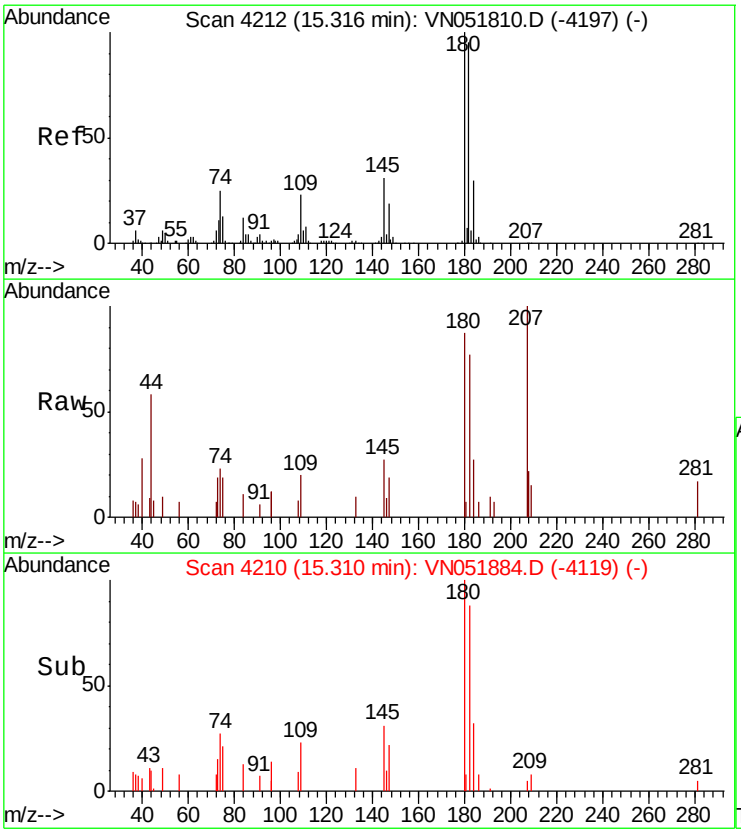
#95
Naphthalene
Concen: 5.052 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Instrument :
MSVOA_N
ClientSampleId :
PB113865TB

Tgt Ion:128 Resp: 9685

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.5	15.7
129	11.3	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 3.508 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.01 min
Lab File: VN051884.D
Acq: 16 Oct 2018 10:22

Tgt Ion:180 Resp: 4107

Ion	Ratio	Lower	Upper
180	100		
182	106.1	48.0	144.2
145	33.7	15.2	45.6