Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
Data File : VN051881.D
Acq On : 16 Oct 2018 9:08
Operator : MD\SY
Sample : VN1016WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1016WBL01

Quant Time: Oct 17 02:21:47 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	927131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1329017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1140019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	502132	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.32%			
35) Dibromofluoromethane	7.59	113	499308	60.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.84%			
50) Toluene-d8	10.09	98	1814271	58.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.84%			
62) 4-Bromofluorobenzene	12.40	95	512277	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.38%			
Target Compounds						Qvalue
5) Bromomethane	2.57	94	3091	0.366	ug/l #	58
11) Tert butyl alcohol	4.73	59	488	0.749	ug/l #	72
13) Acrolein	3.63	56	30	15.982	ug/l #	1
17) Carbon Disulfide	4.06	76	4086	0.227	ug/l #	75
18) Methyl Acetate	4.32	43	2353	Below Cal	#	82
29) Tetrahydrofuran	7.22	42	494	0.307	ug/l #	49
31) Cyclohexane	7.66	56	14982	Below Cal	#	6
36) 1,1-Dichloropropene	7.67	75	59179	5.500	ug/l #	50
38) Carbon Tetrachloride	7.67	117	82841	6.642	ug/l #	16
43) Isopropyl Acetate	8.27	43	13902	0.689	ug/l #	58
71) Bromoform	12.40	173	4086	4.127	ug/l #	1
74) N-amyl acetate	12.07	43	1466	0.233	ug/l #	73
76) 1,2,3-Trichloropropane	12.40	75	261230	51.497	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	261230	146.274	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	2448	3.983	ug/l	94
94) Hexachlorobutadiene	15.01	225	2376	0.563	ug/l	95
95) Naphthalene	15.13	128	6313	4.776	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	3275	3.318	ug/l	92

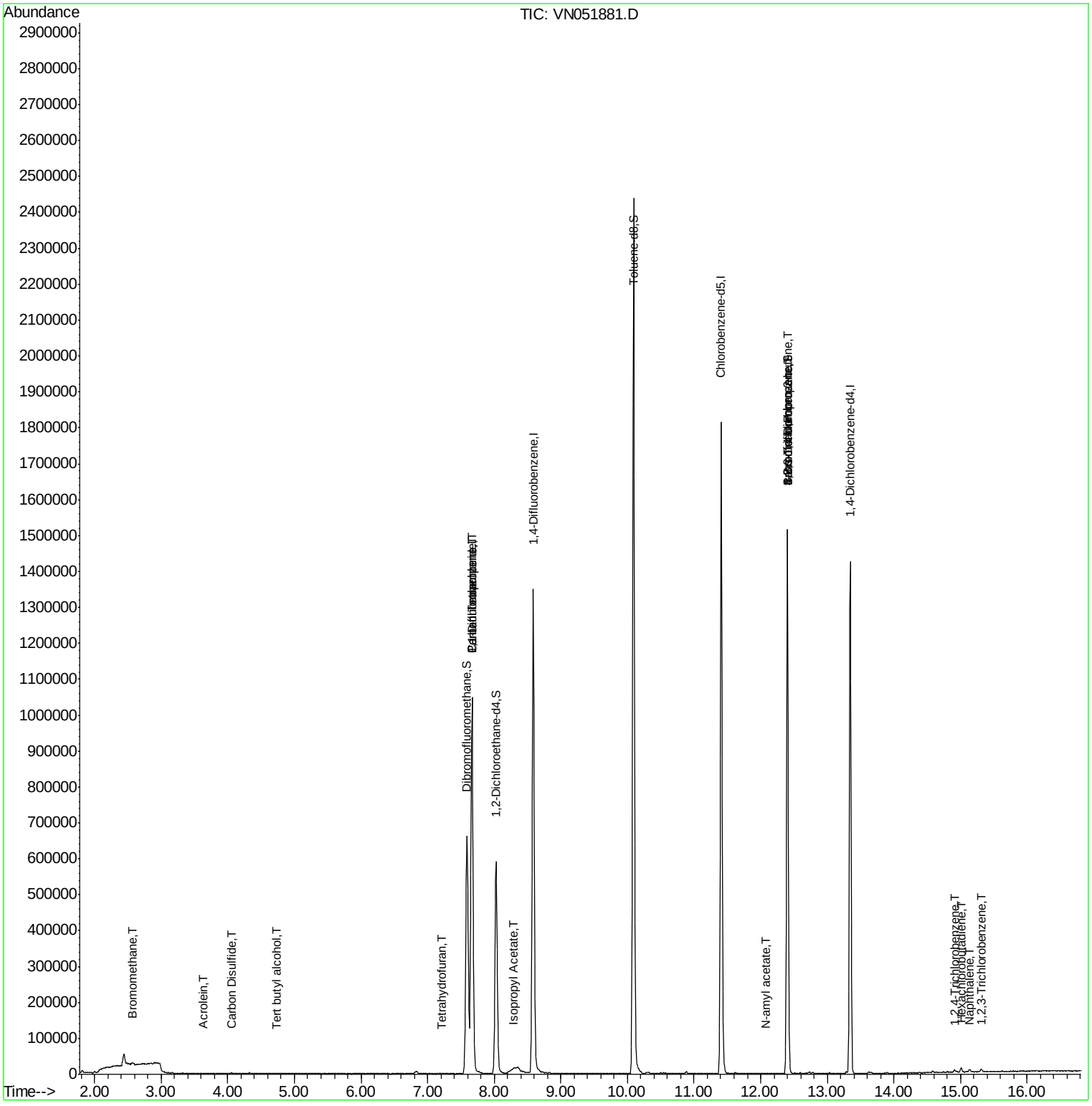
(#) = qualifier out of range (m) = manual integration (+) = signals summed

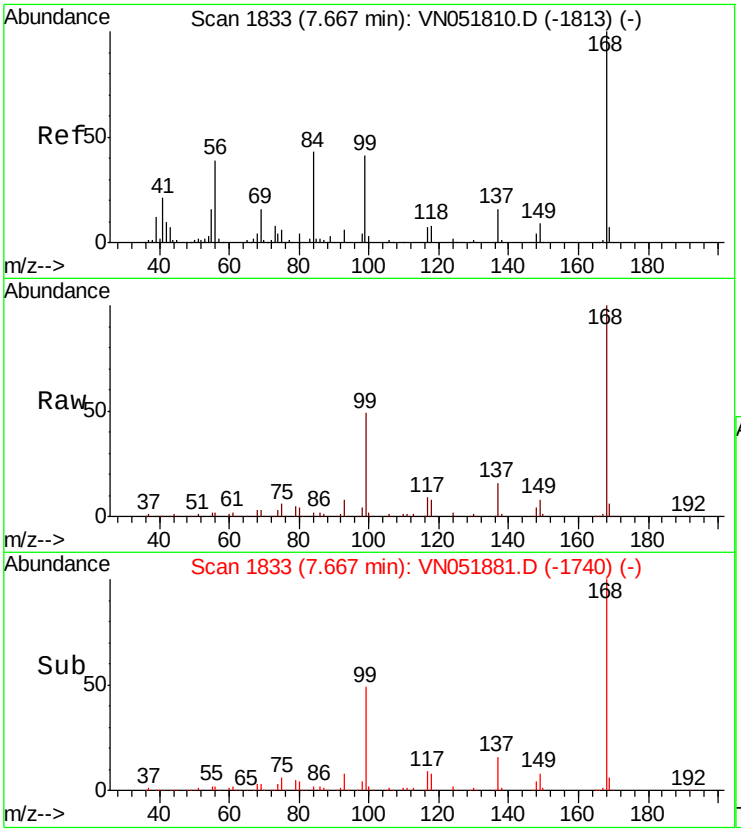
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
Data File : VN051881.D
Acq On : 16 Oct 2018 9:08
Operator : MD\SY
Sample : VN1016WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1016WBL01

Quant Time: Oct 17 02:21:47 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



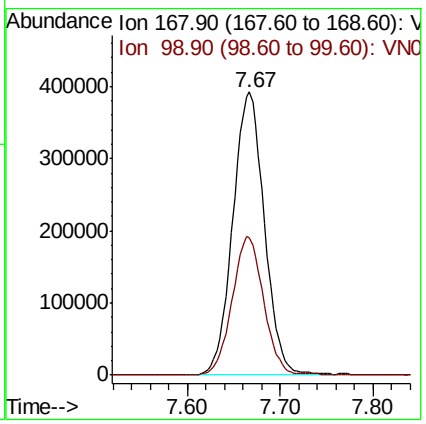


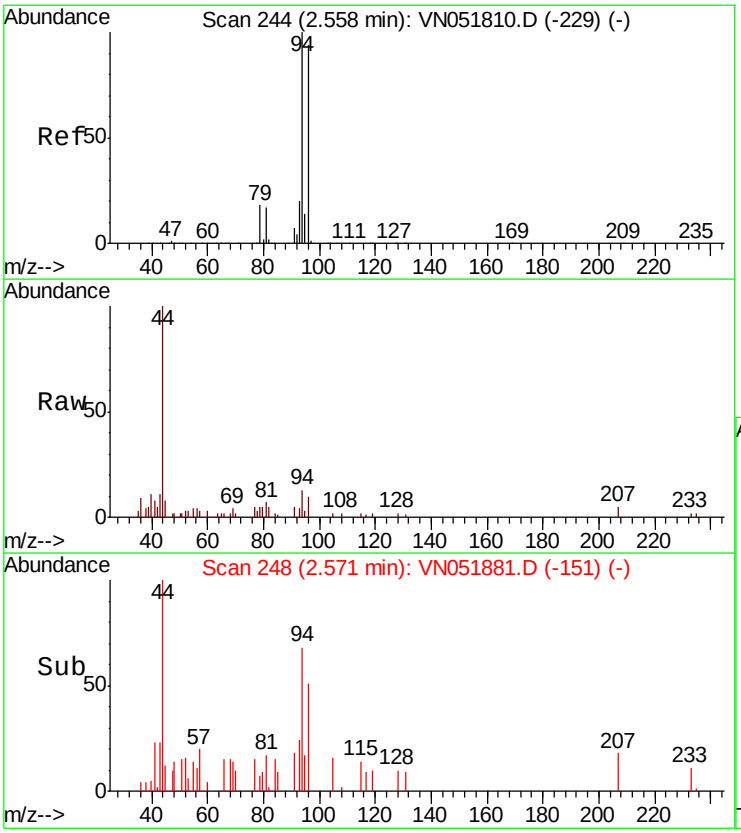
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBL01

Tgt Ion:168 Resp: 927131

Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.6	59.4

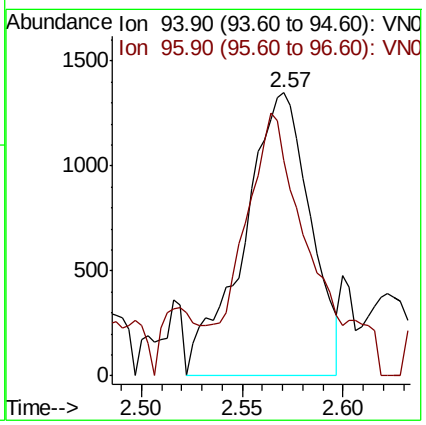


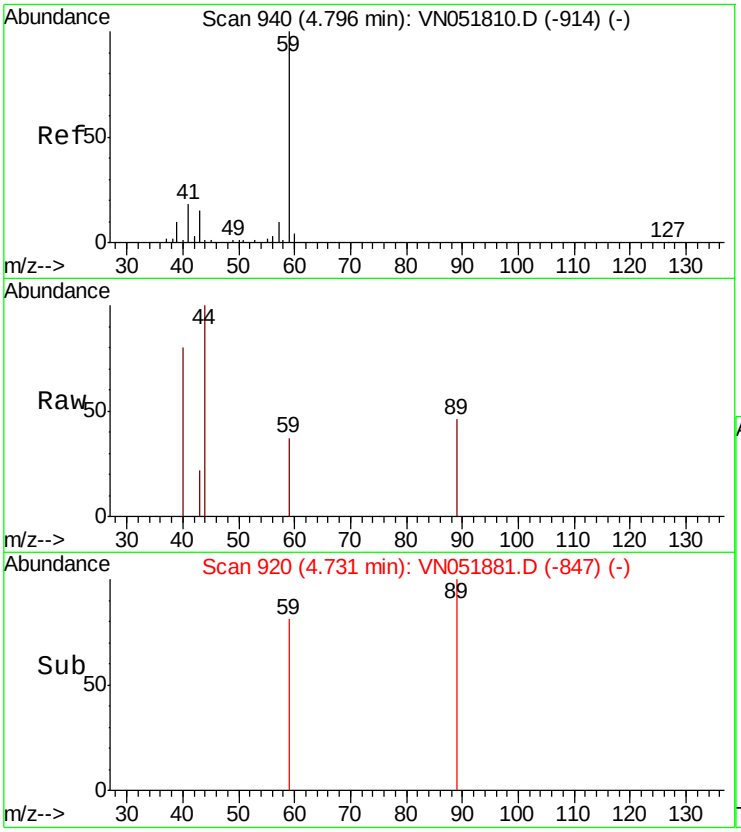


#5
Bromomethane
Concen: 0.366 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion: 94 Resp: 3091

Ion	Ratio	Lower	Upper
94	100		
96	54.6	76.2	114.2#



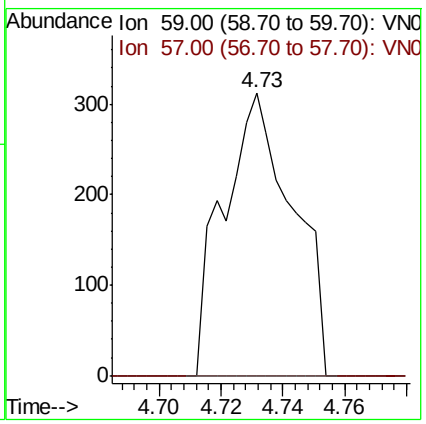


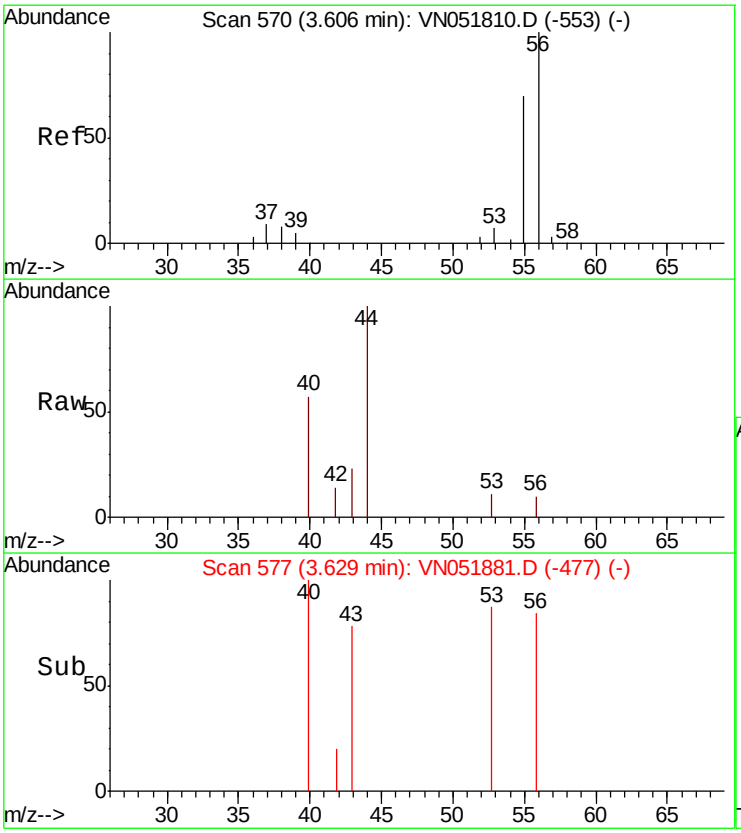
#11
Tert butyl alcohol
Concen: 0.749 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.06 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBL01

Tgt Ion: 59 Resp: 488

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

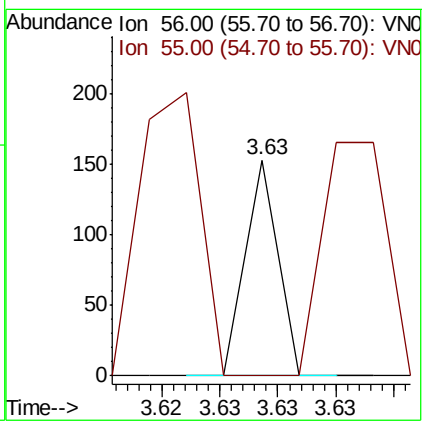


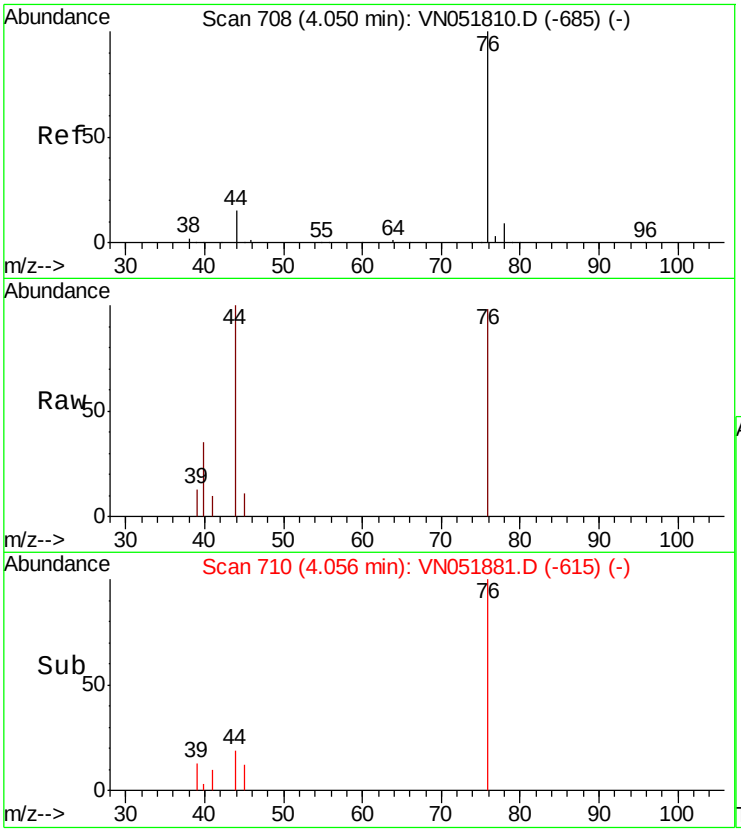


#13
Acrolein
Concen: 15.982 ug/l
RT: 3.63 min Scan# 577
Delta R.T. 0.02 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion: 56 Resp: 30

Ion	Ratio	Lower	Upper
56	100		
55	213.3	57.7	86.5#



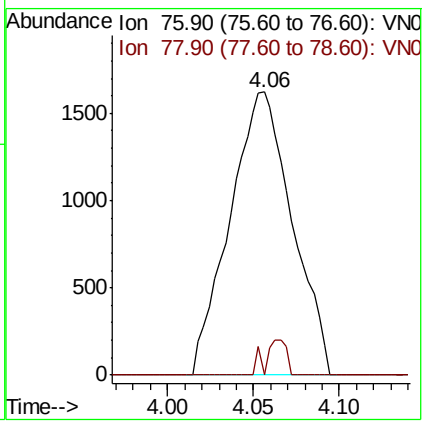


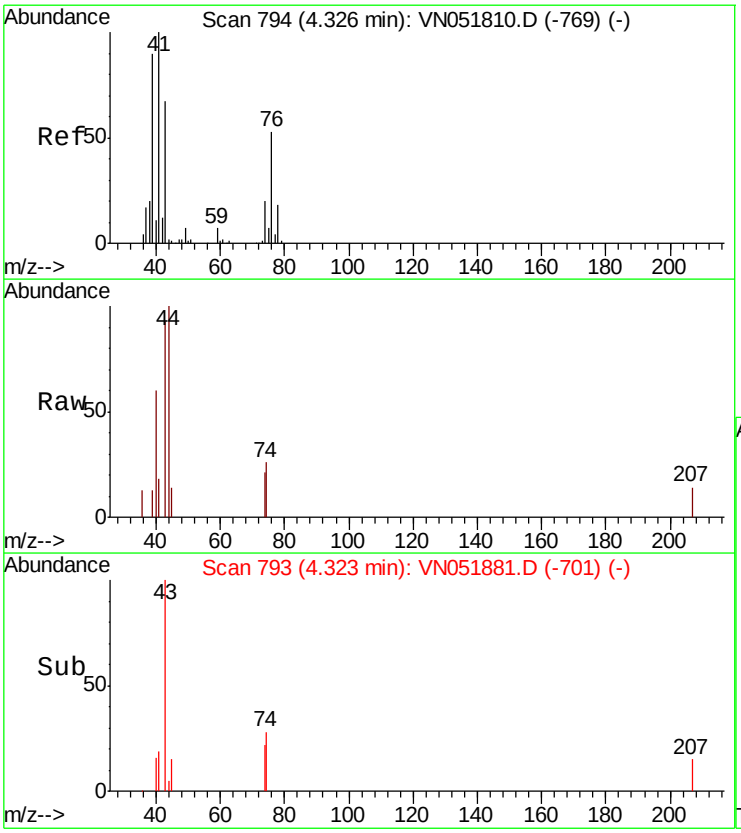
#17
Carbon Disulfide
Concen: 0.227 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.01 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument : MSVOA_N
ClientSampleId : VN1016WBL01

Tgt Ion: 76 Resp: 4086

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

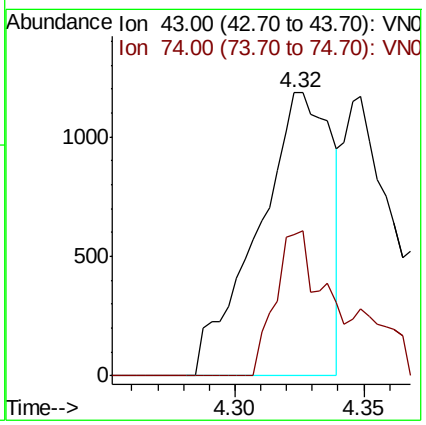


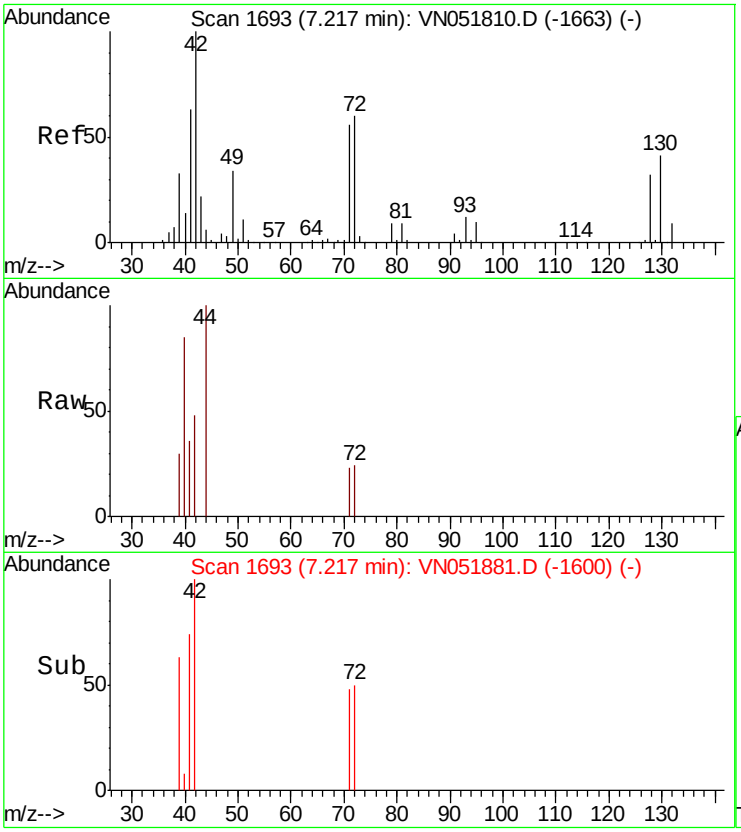


#18
Methyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion: 43 Resp: 2353

Ion	Ratio	Lower	Upper
43	100		
74	34.0	19.8	29.8#



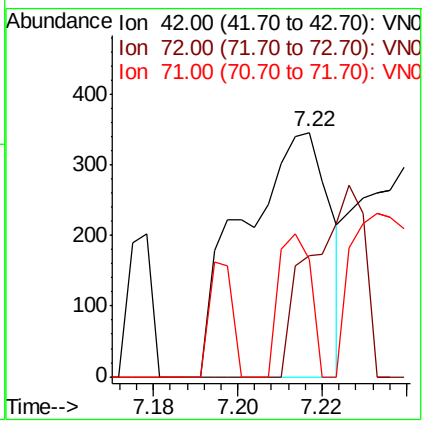


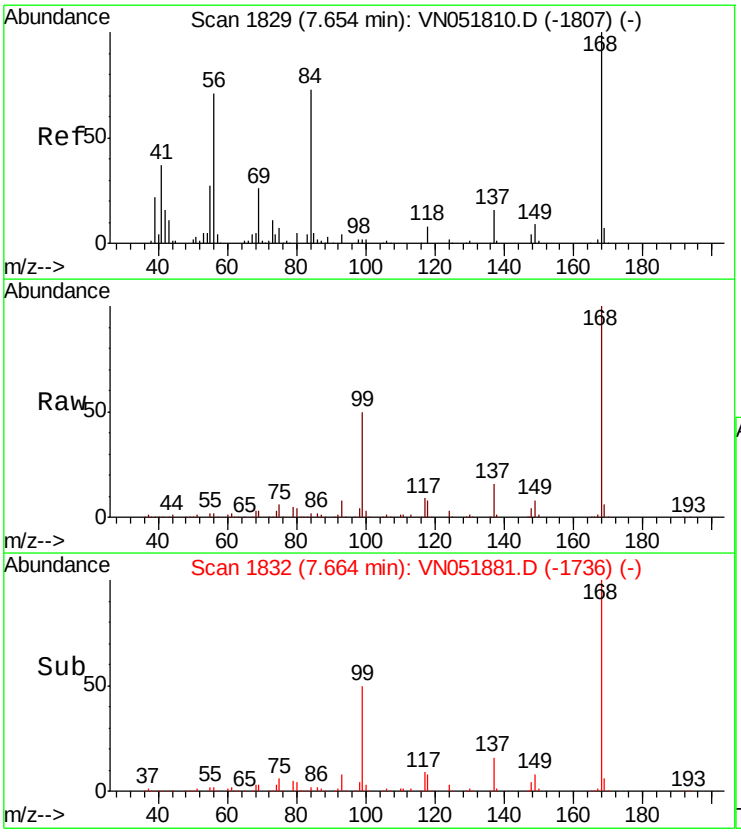
#29
Tetrahydrofuran
Concen: 0.307 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument : MSVOA_N
ClientSampleId : VN1016WBL01

Tgt Ion: 42 Resp: 494

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.5	53.3#
71	21.5	33.7	50.5#

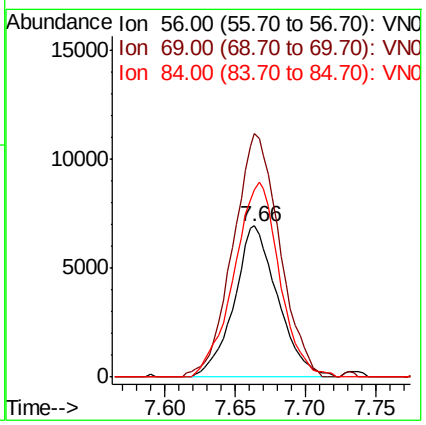


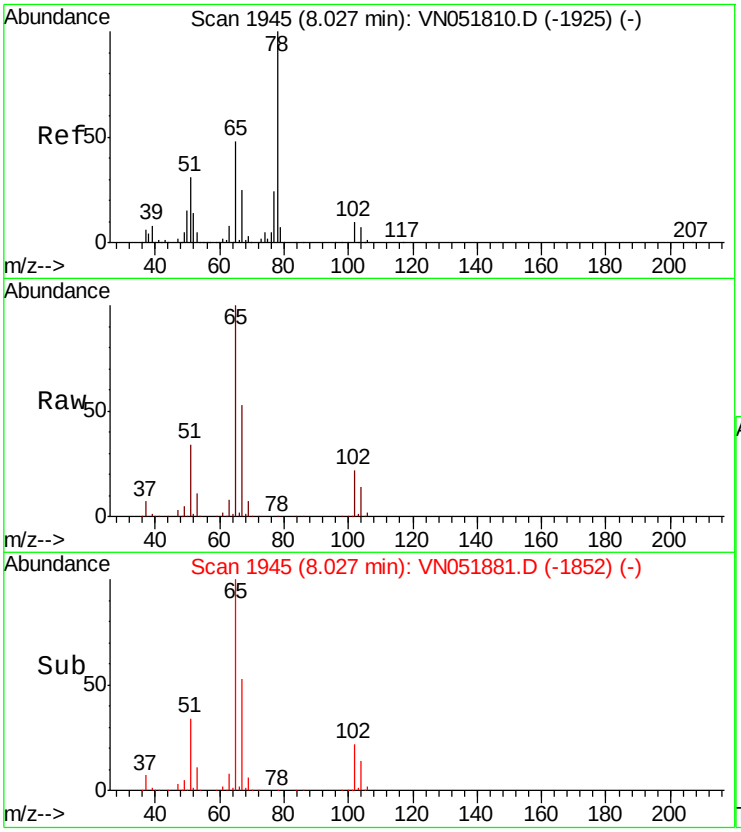


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion: 56 Resp: 14982

Ion	Ratio	Lower	Upper
56	100		
69	161.3	26.2	39.4#
84	124.5	68.3	102.5#



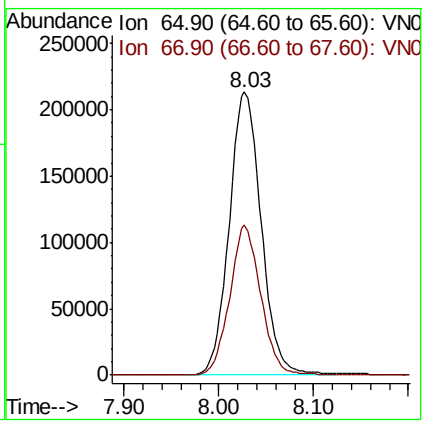


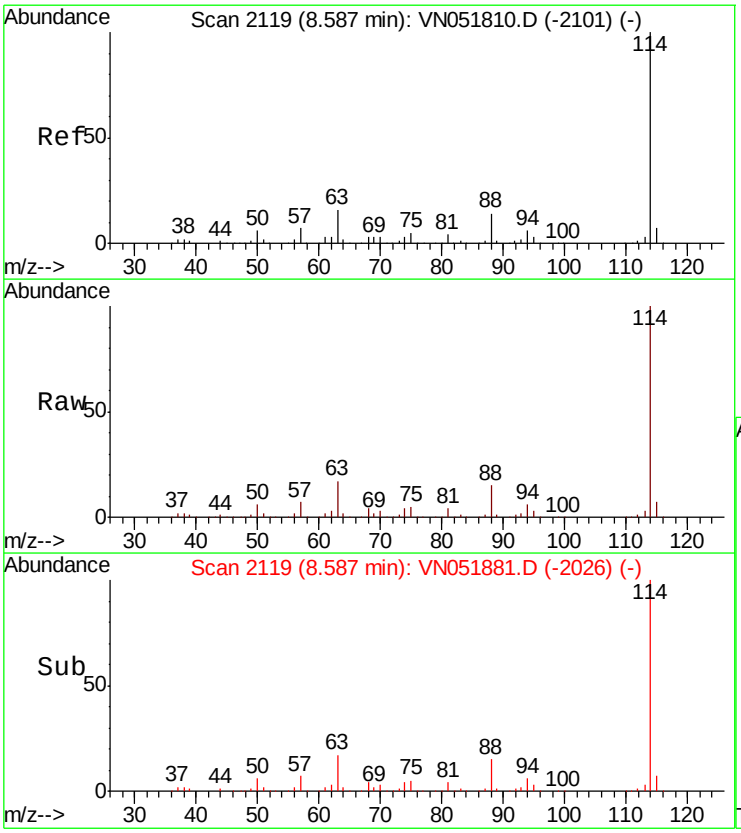
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument : MSVOA_N
ClientSampleId : VN1016WBL01

Tgt Ion: 65 Resp: 502132

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	110.4

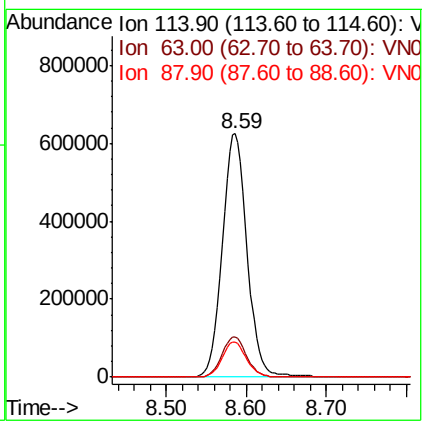


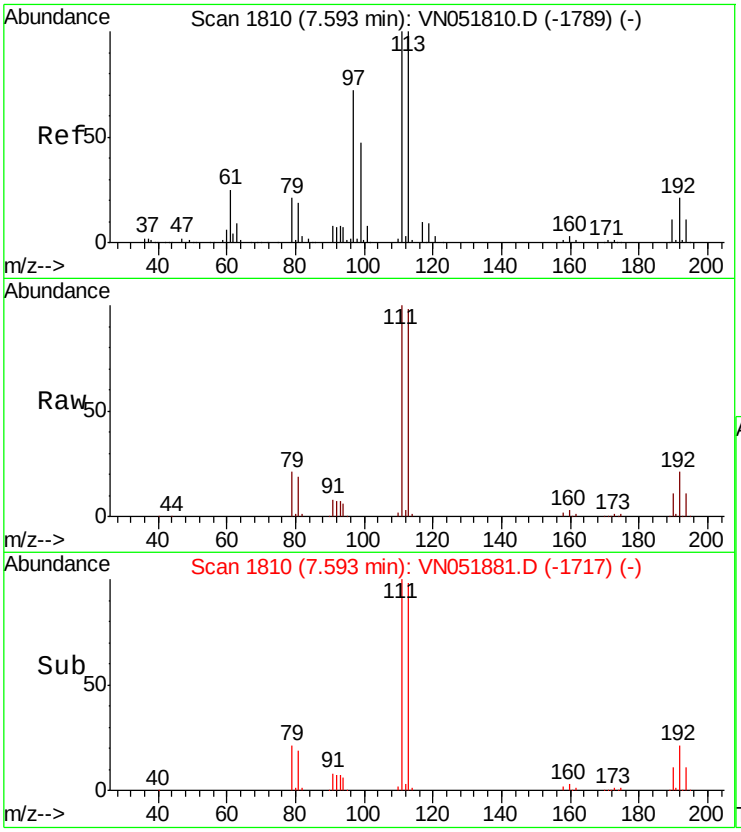


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion:114 Resp: 1329017

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	38.6
88	14.6	0.0	30.6



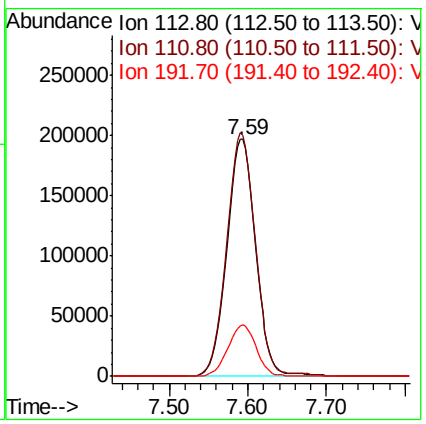


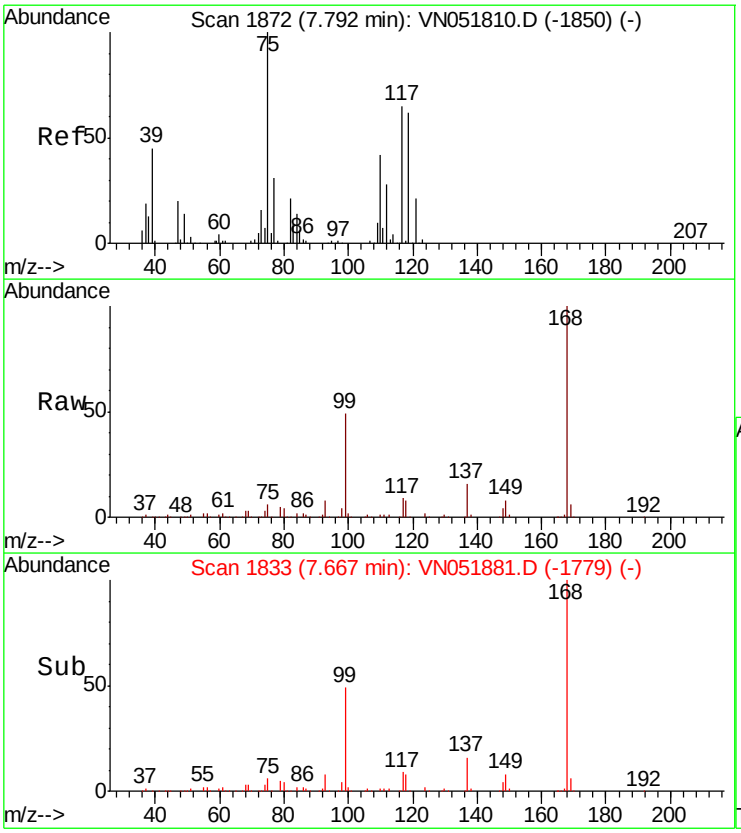
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBL01

Tgt Ion:113 Resp: 499308

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	21.4	18.0	27.0

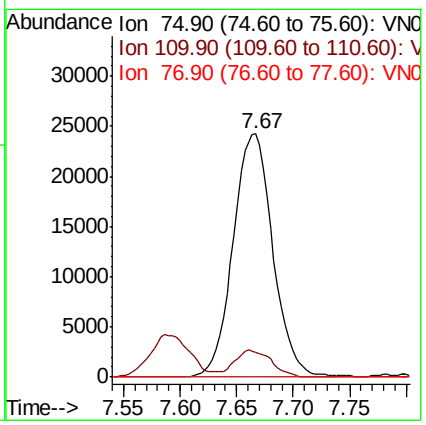


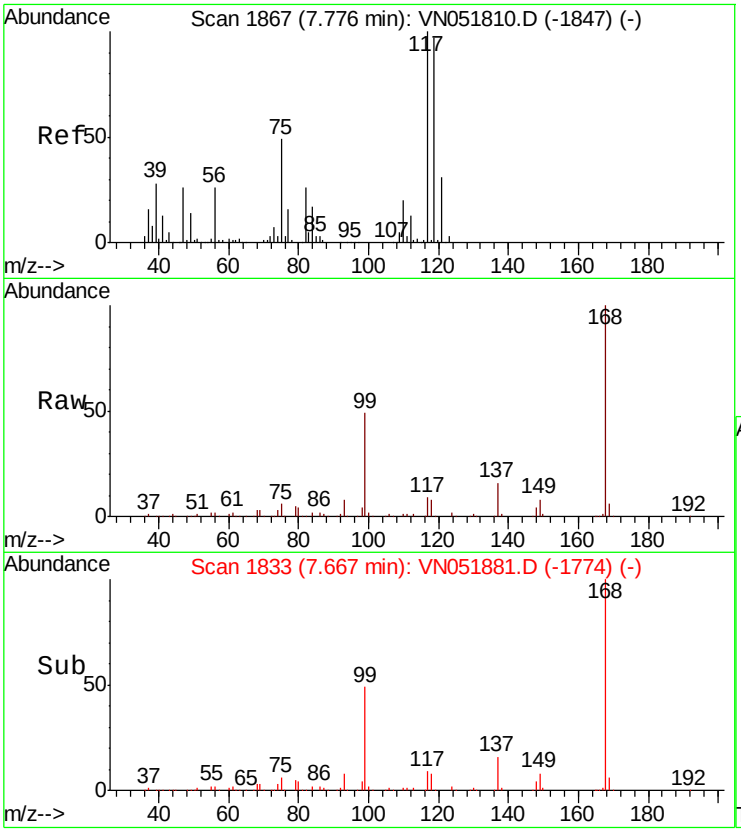


#36
1,1-Dichloropropene
Concen: 5.500 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion: 75 Resp: 59179

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.0	24.8	37.2#



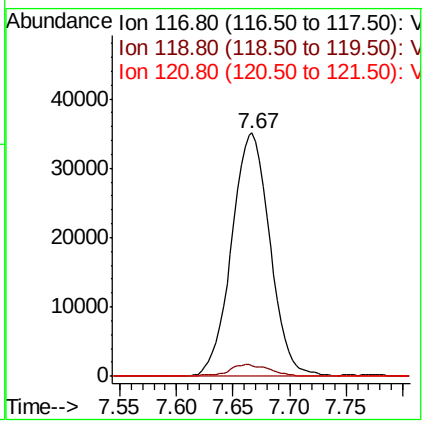


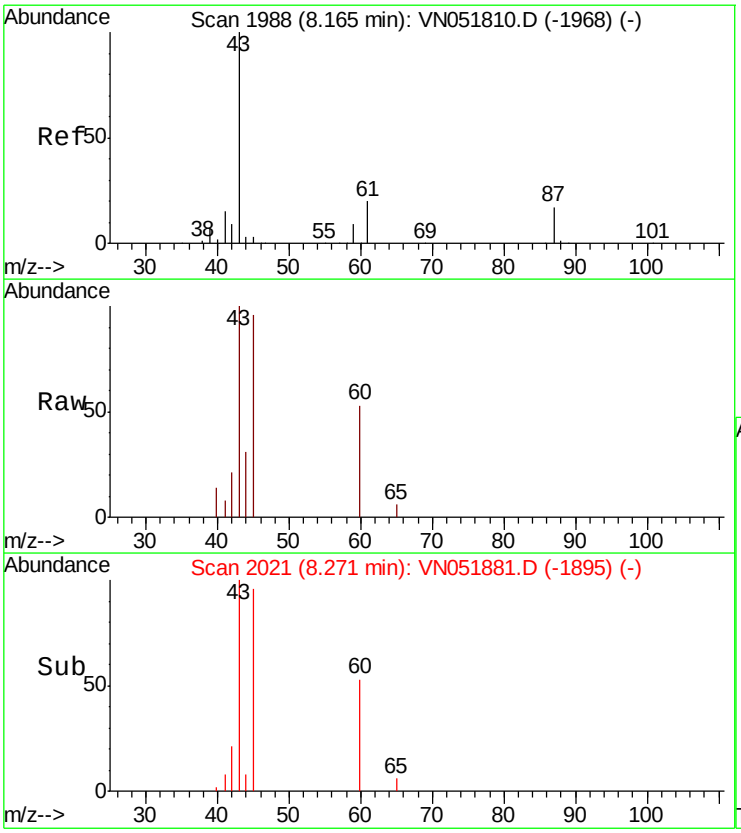
#38
Carbon Tetrachloride
Concen: 6.642 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument : MSVOA_N
ClientSampleId : VN1016WBL01

Tgt Ion:117 Resp: 82841

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.3	114.5#
121	0.0	24.6	36.8#

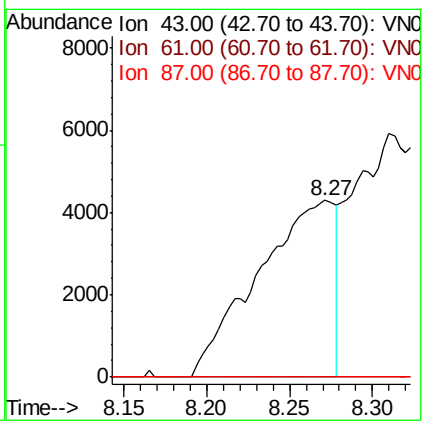


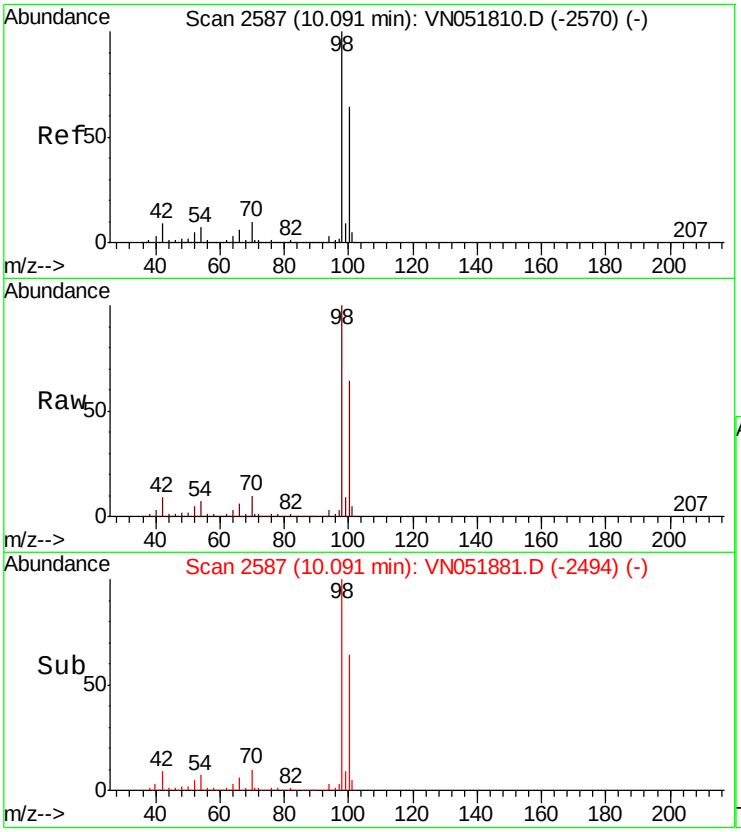


#43
Isopropyl Acetate
Concen: 0.689 ug/l
RT: 8.27 min Scan# 2021
Delta R.T. 0.11 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion: 43 Resp: 13902

Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.5	26.3#
87	0.0	11.3	16.9#



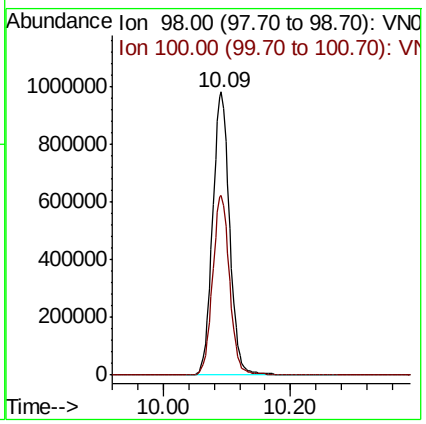


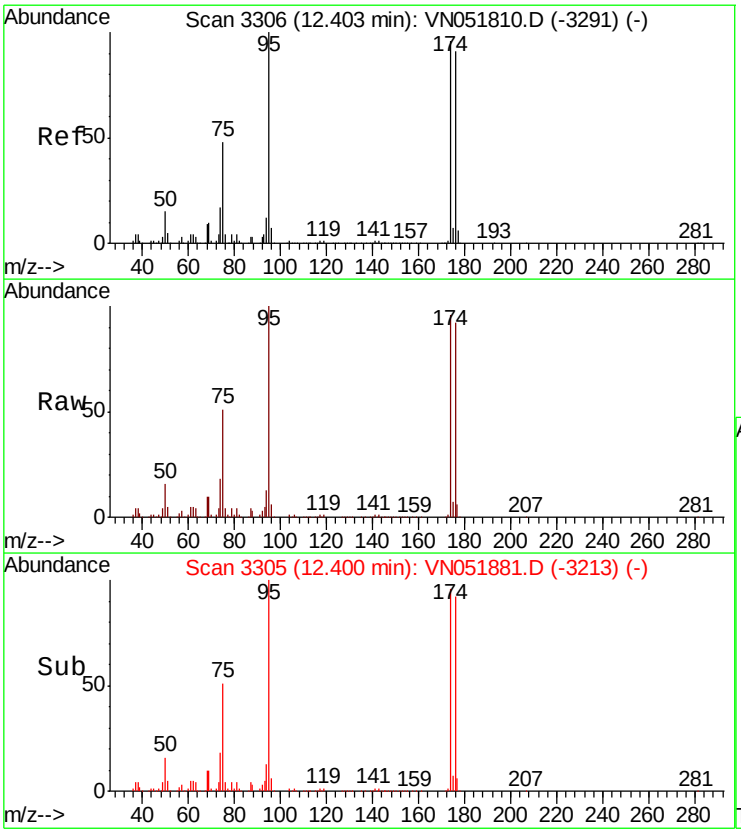
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBL01

Tgt Ion: 98 Resp: 1814271

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3

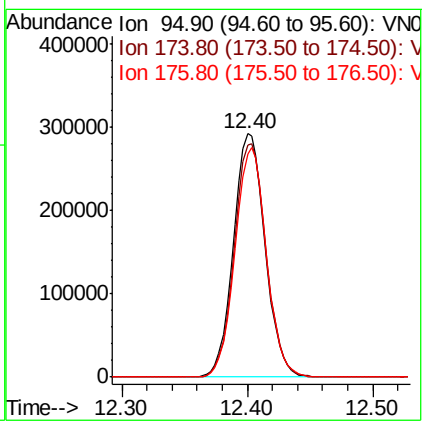


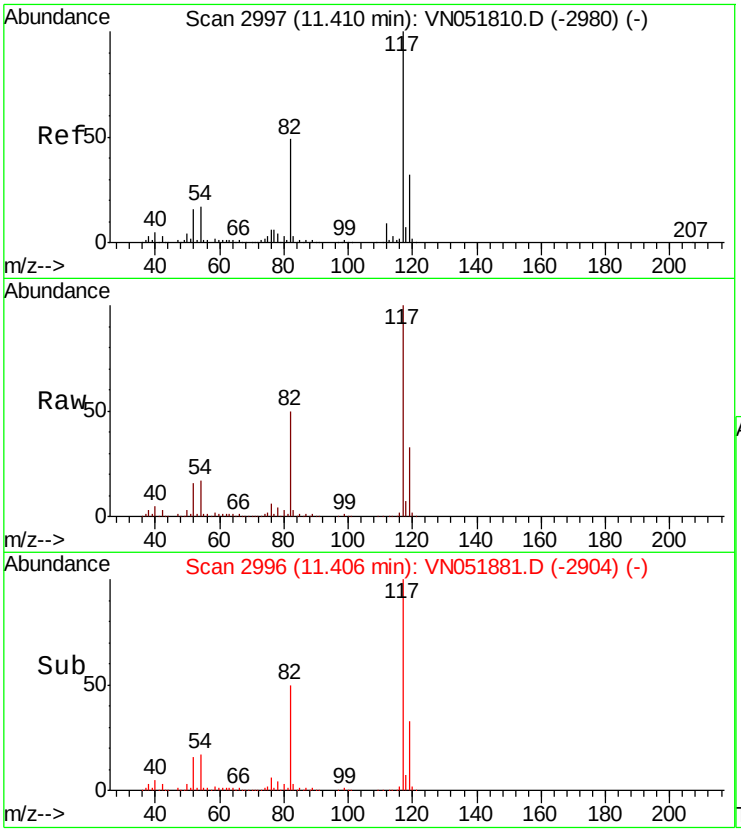


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion: 95 Resp: 512277

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	183.0
176	93.3	0.0	178.8



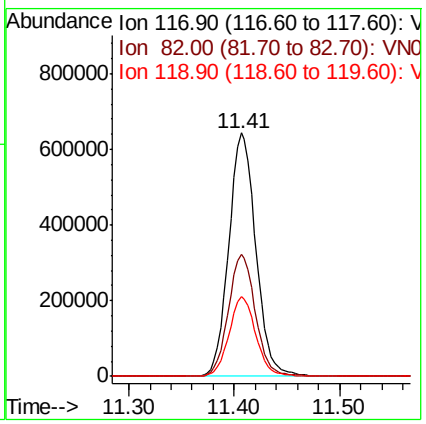


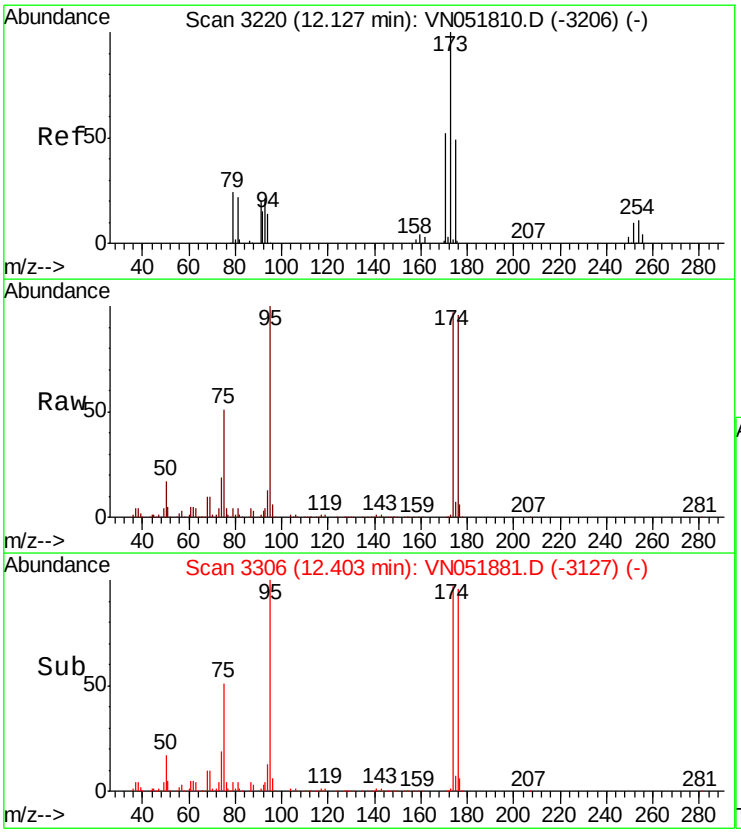
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument : MSVOA_N
ClientSampleId : VN1016WBL01

Tgt Ion:117 Resp: 1140019

Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.6	64.0
119	32.5	25.8	38.6

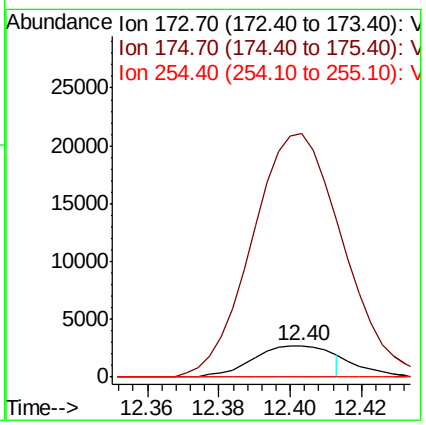


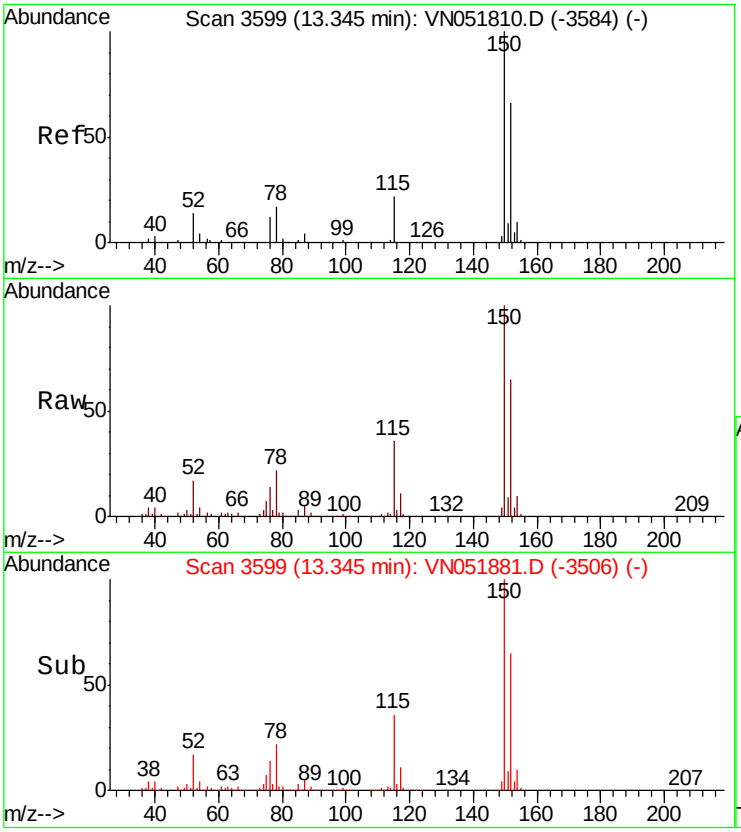


#71
Bromoform
Concen: 4.127 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion:173 Resp: 4086

Ion	Ratio	Lower	Upper
173	100		
175	770.7	24.4	73.4#
254	0.0	0.1	0.1#



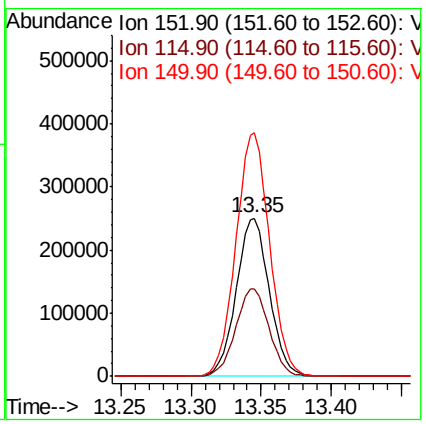


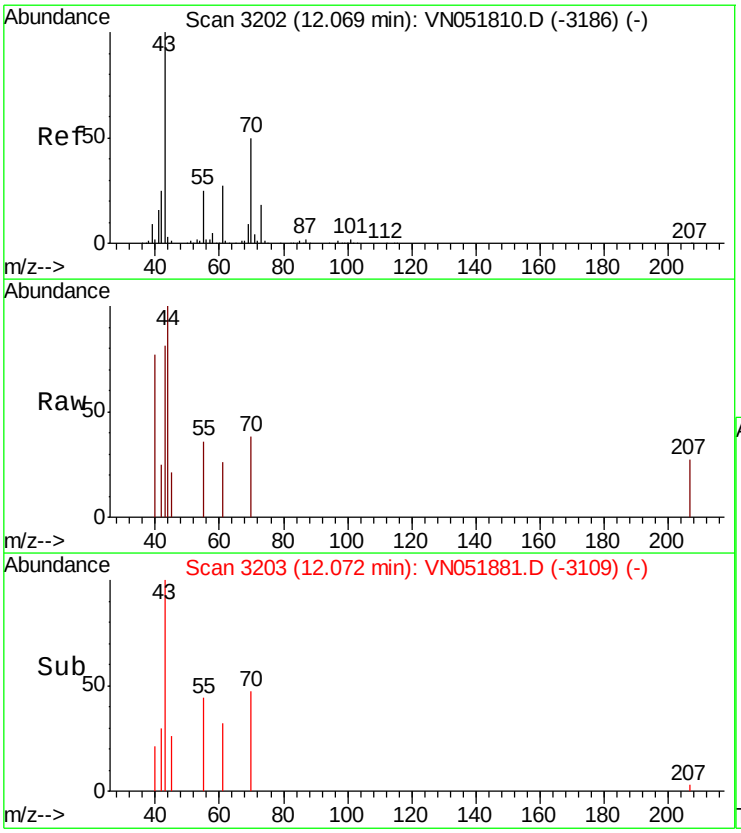
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument : MSVOA_N
ClientSampleId : VN1016WBL01

Tgt Ion:152 Resp: 411255

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.8	83.4
150	157.3	0.0	351.4

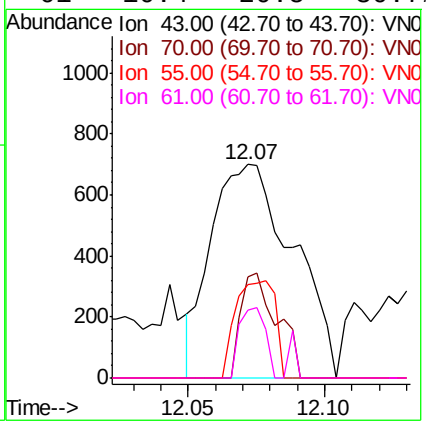


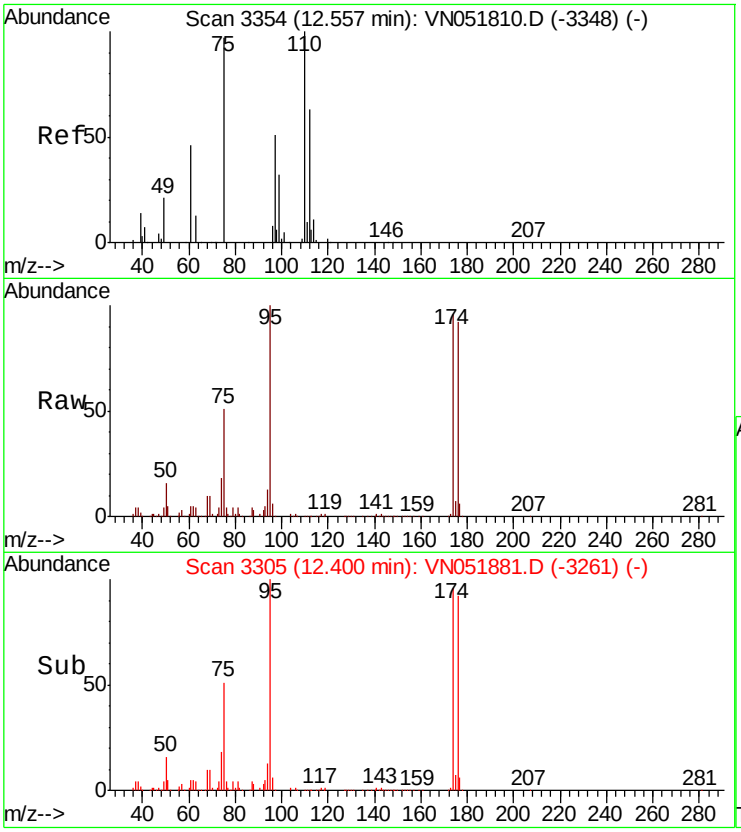


#74
N-amyl acetate
Concen: 0.233 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion: 43 Resp: 1466

Ion	Ratio	Lower	Upper
43	100		
70	21.6	36.2	54.2#
55	21.8	21.8	32.8#
61	10.4	20.5	30.7#



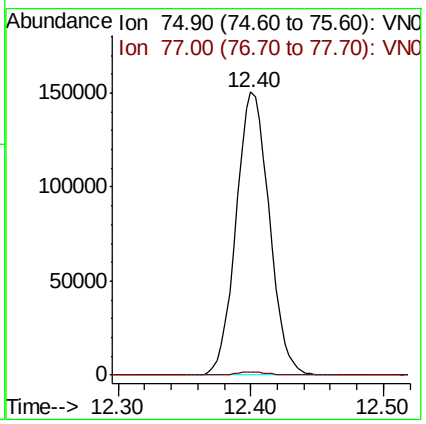


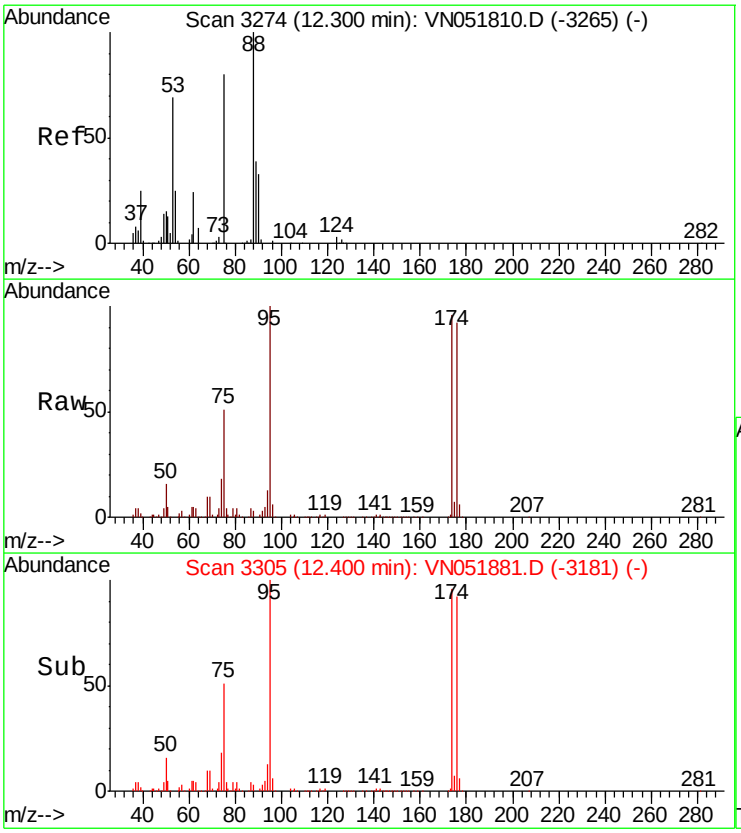
#76
1,2,3-Trichloropropane
Concen: 51.497 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.16 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBL01

Tgt Ion: 75 Resp: 261230

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

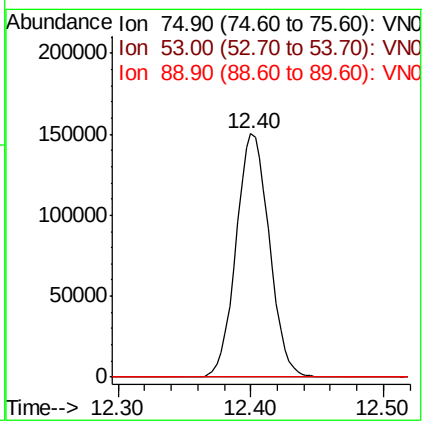


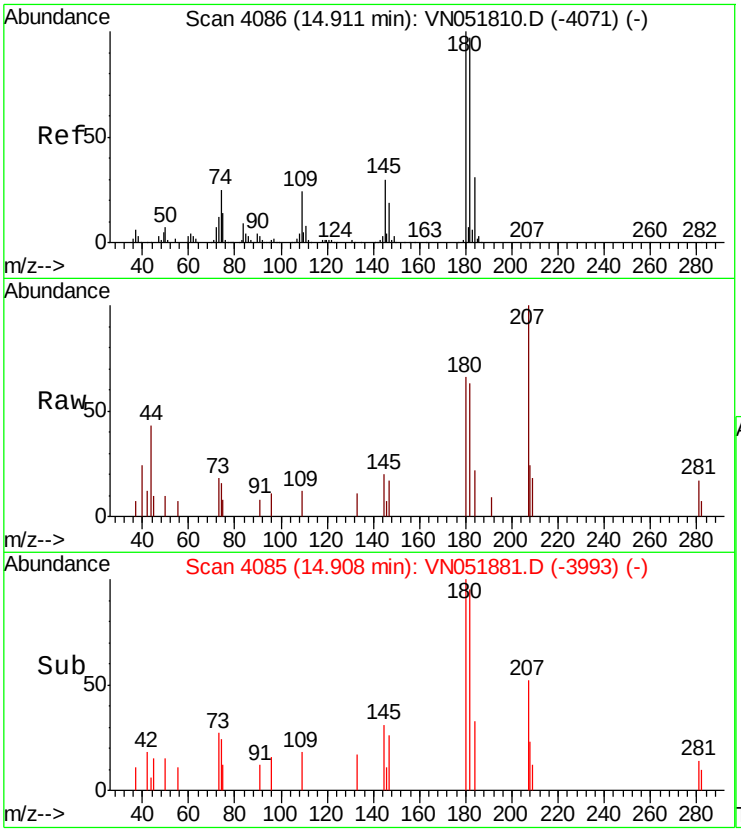


#81
trans-1,4-Dichloro-2-butene
Concen: 146.274 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion: 75 Resp: 261230

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



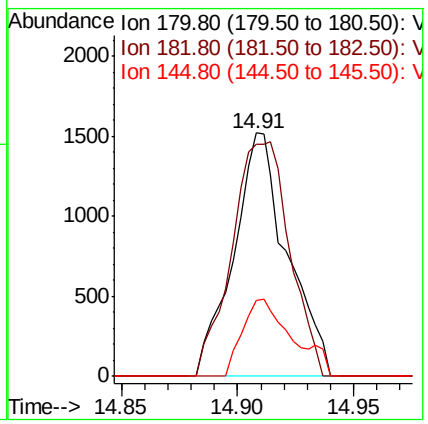


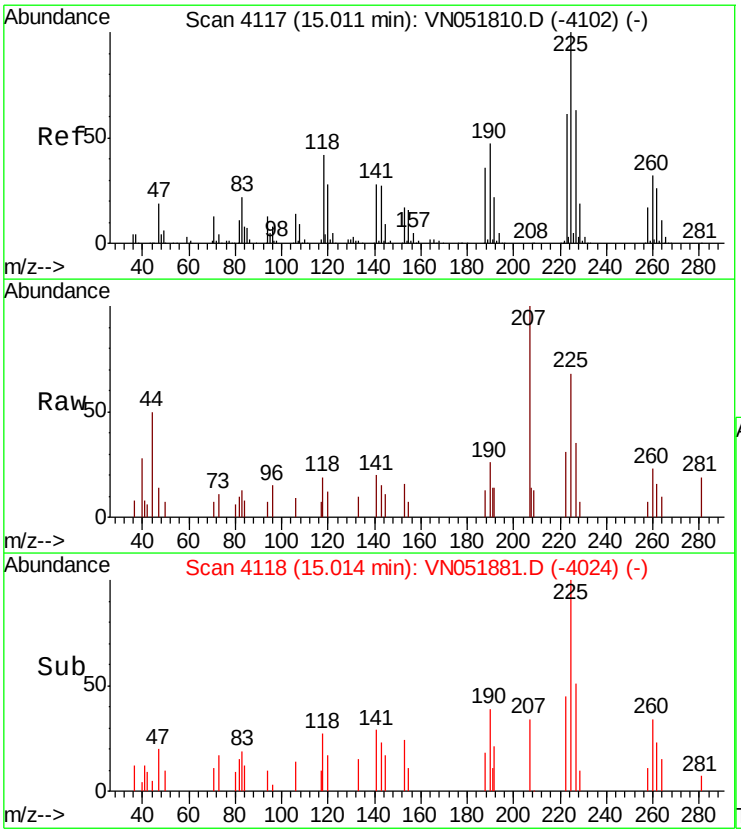
#93
1,2,4-Trichlorobenzene
Concen: 3.983 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBL01

Tgt Ion:180 Resp: 2448

Ion	Ratio	Lower	Upper
180	100		
182	103.4	48.2	144.6
145	29.2	14.1	42.2

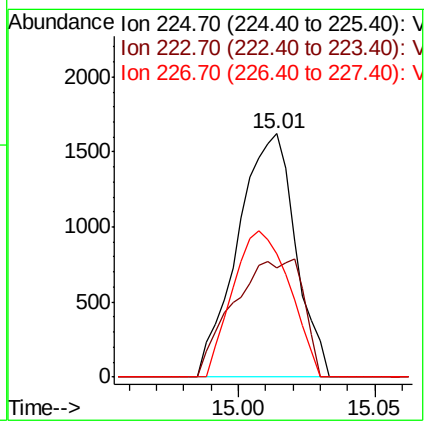


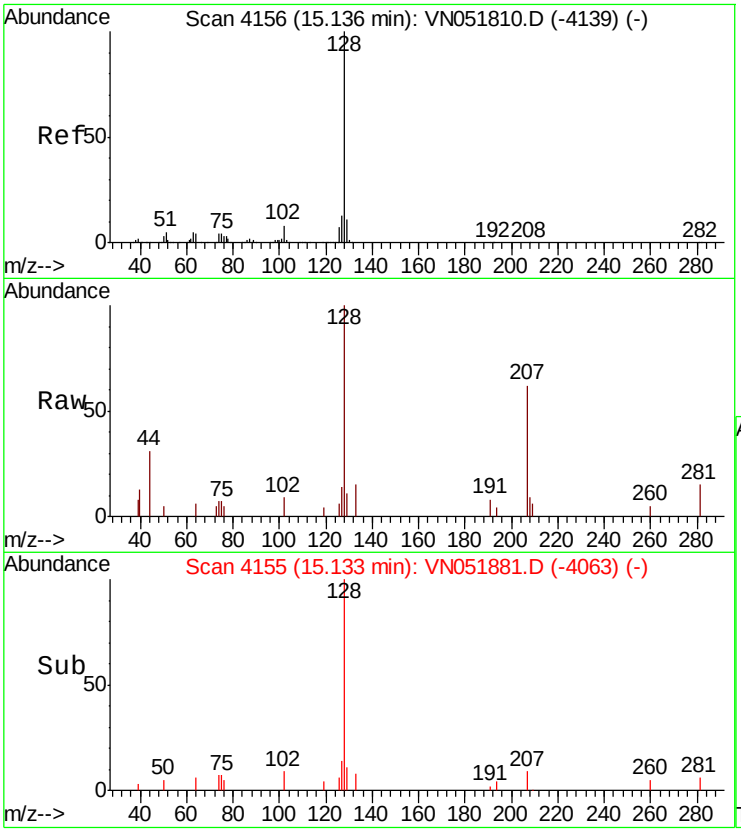


#94
Hexachlorobutadiene
Concen: 0.563 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion:225 Resp: 2376

Ion	Ratio	Lower	Upper
225	100		
223	58.8	31.3	93.8
227	59.5	32.0	96.2



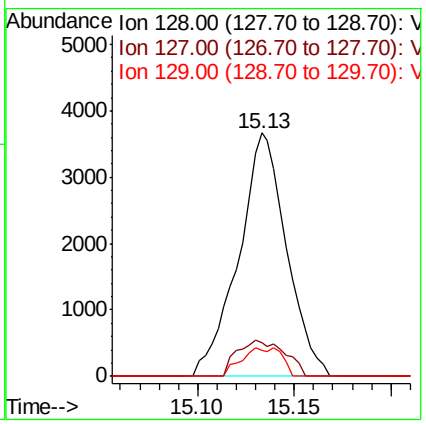


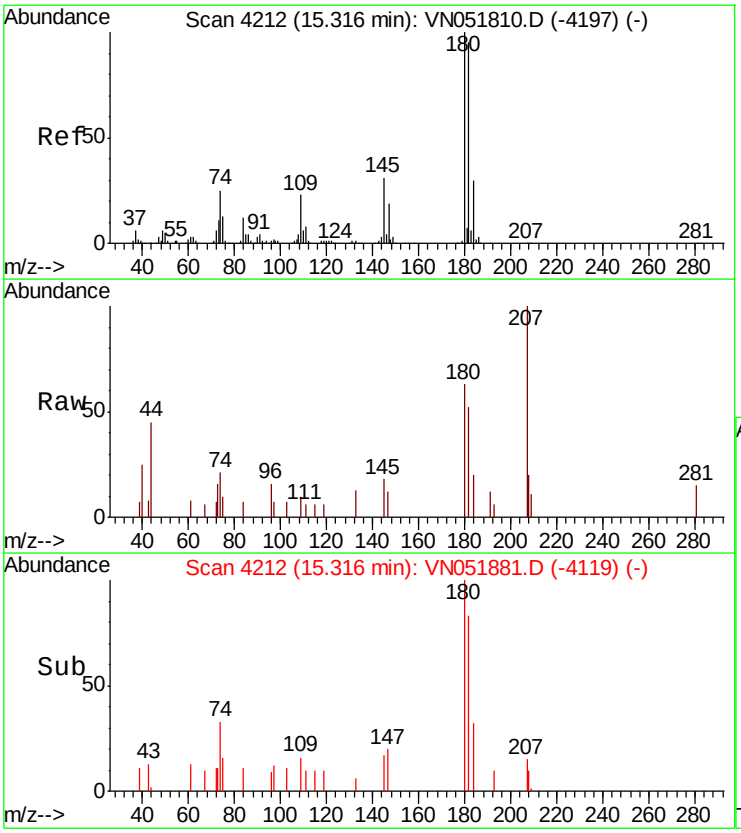
#95
Naphthalene
Concen: 4.776 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument : MSVOA_N
ClientSampleId : VN1016WBL01

Tgt Ion:128 Resp: 6313

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	9.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 3.318 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion:180 Resp: 3275

Ion	Ratio	Lower	Upper
180	100		
182	87.3	48.0	144.2
145	27.1	15.2	45.6