Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102418\
Data File : VN051979.D
Acq On : 24 Oct 2018 11:14
Operator : MD\SY
Sample : VN1024WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Oct 24 14:30:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	159241	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	899463	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	786949	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	288414	29.77	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.23%			
60) 4-Bromofluorobenzene	12.40	95	311733	27.47	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.57%			
63) Toluene-d8	10.09	98	1008649	29.52	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.40%			
Target Compounds						Qvalue
13) Acrolein	3.60	56	270	0.900	ug/l #	35
15) Acetone	3.82	58	145	0.288	ug/l #	1
51) Ethyl methacrylate	10.10	69	3051	0.322	ug/l	89
56) Bromoform	12.40	173	3135	0.464	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.40	75	153825	65.011	ug/l #	12
88) 1,2-Dibromo-3-Chloropropan	13.88	75	441	0.325	ug/l #	3
89) 1,2,4-Trichlorobenzene	14.91	180	2024	7.885	ug/l	87
90) Hexachlorobutadiene	15.01	225	1492	0.238	ug/l	94
91) Naphthalene	15.13	128	3898	8.680	ug/l #	88
92) 1,2,3-Trichlorobenzene	15.31	180	2427	0.274	ug/l	73

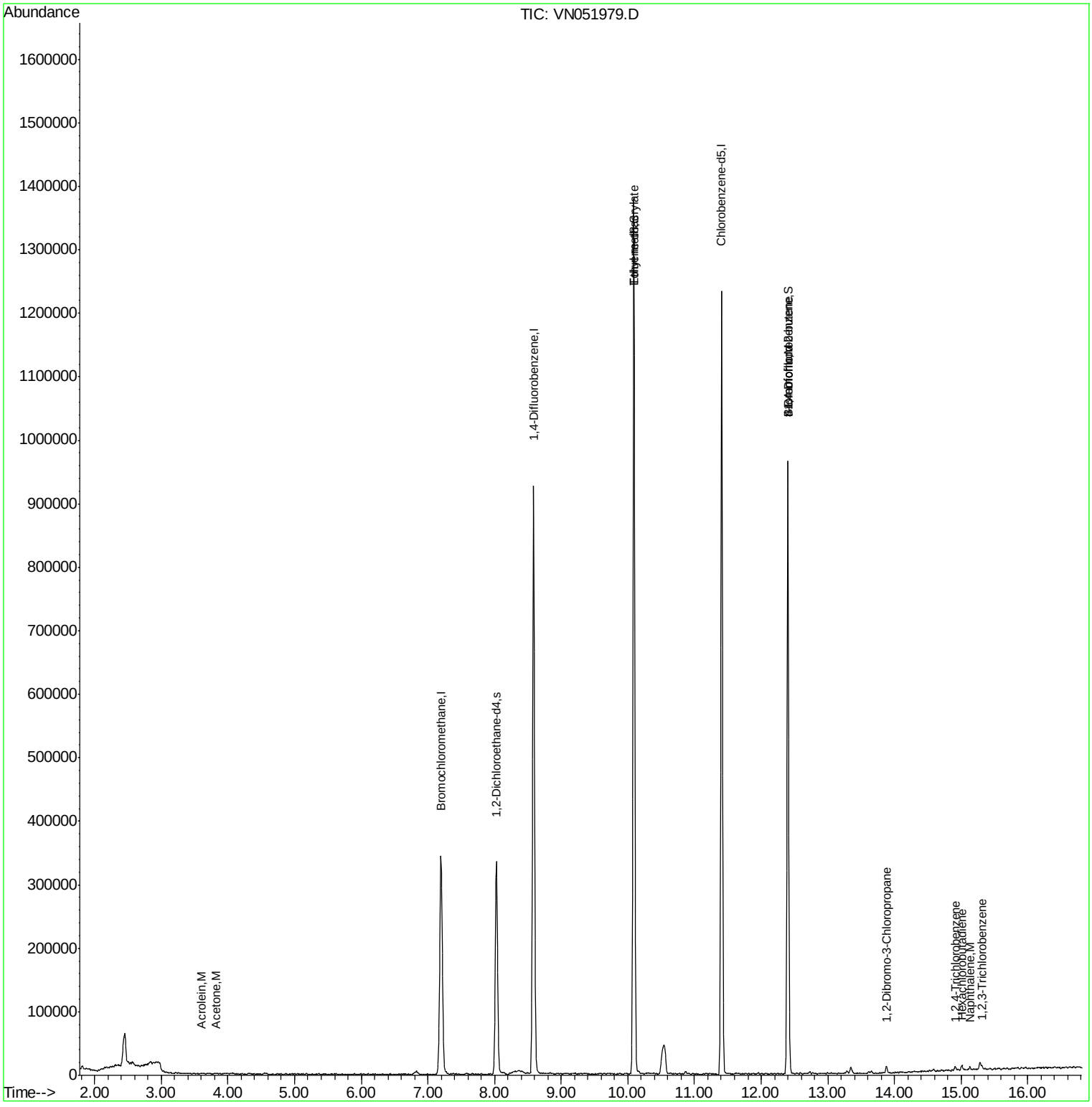
(#) = qualifier out of range (m) = manual integration (+) = signals summed

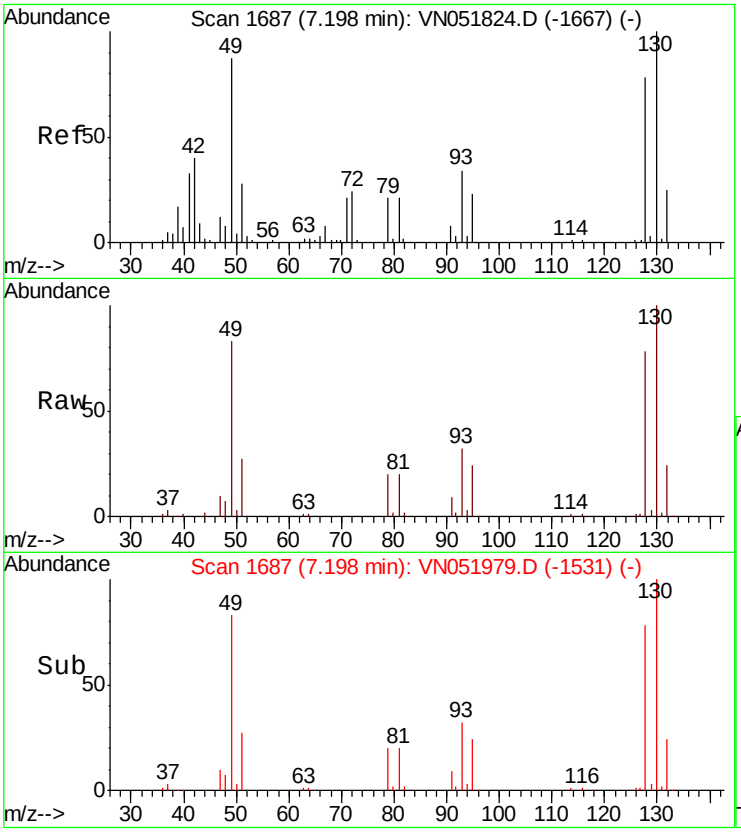
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102418\
Data File : VN051979.D
Acq On : 24 Oct 2018 11:14
Operator : MD\SY
Sample : VN1024WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 24 14:30:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration



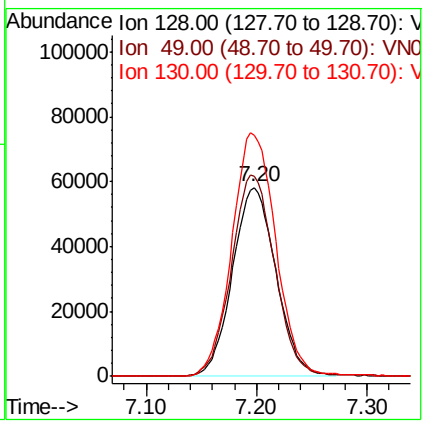


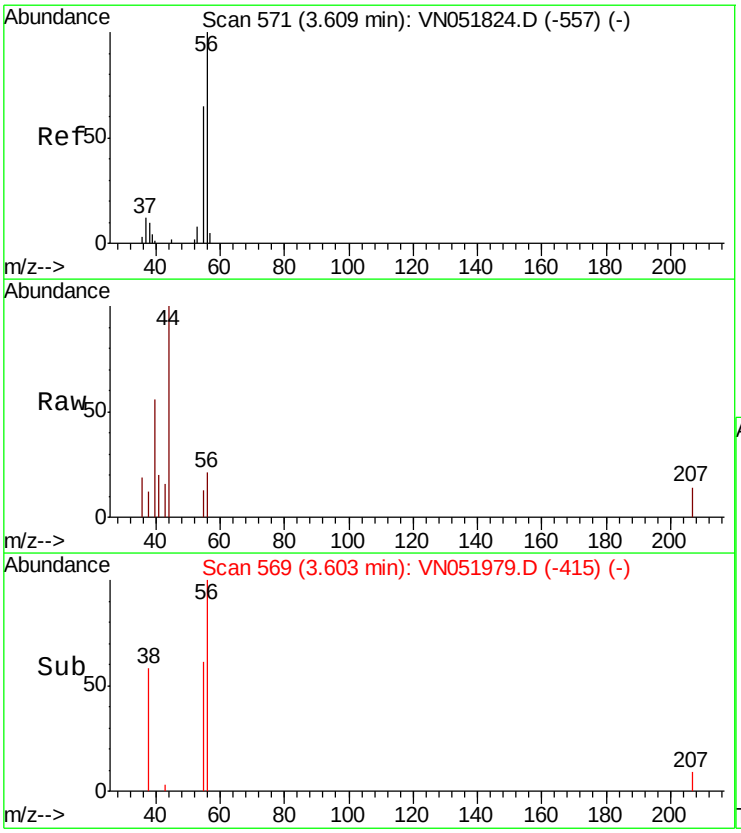
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 159241

Ion	Ratio	Lower	Upper
128	100		
49	106.2	0.0	403.3
130	129.6	0.0	326.0

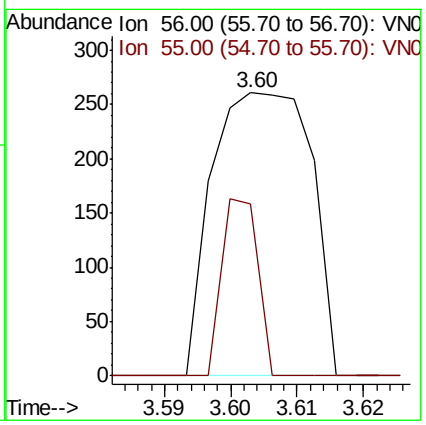


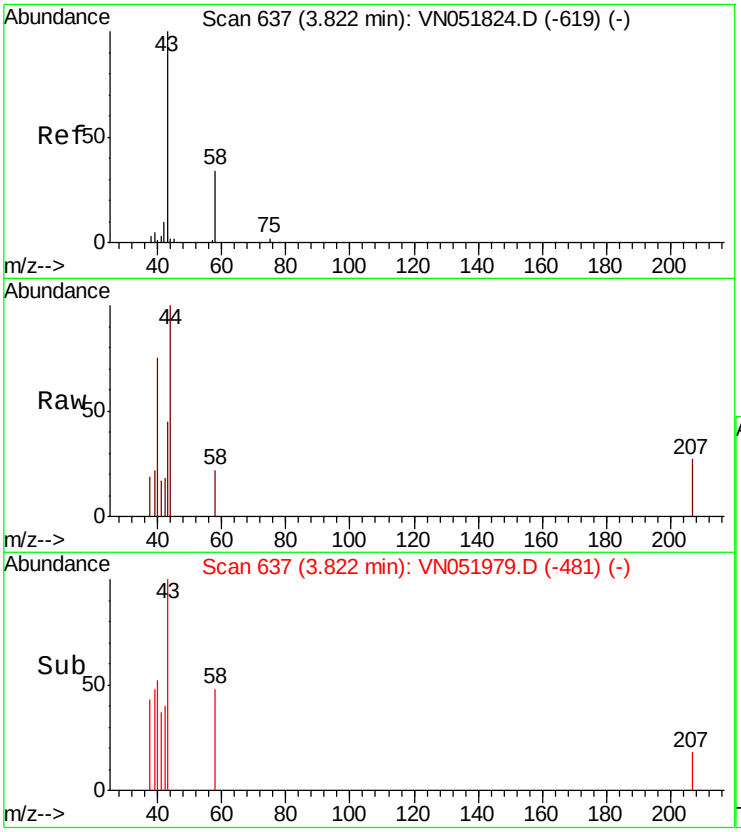


#13
Acrolein
Concen: 0.900 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.01 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion: 56 Resp: 270

Ion	Ratio	Lower	Upper
56	100		
55	23.0	64.0	96.0#



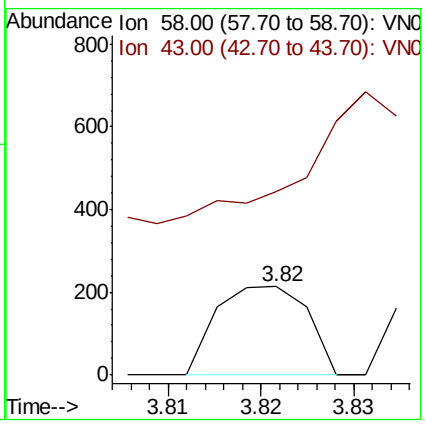


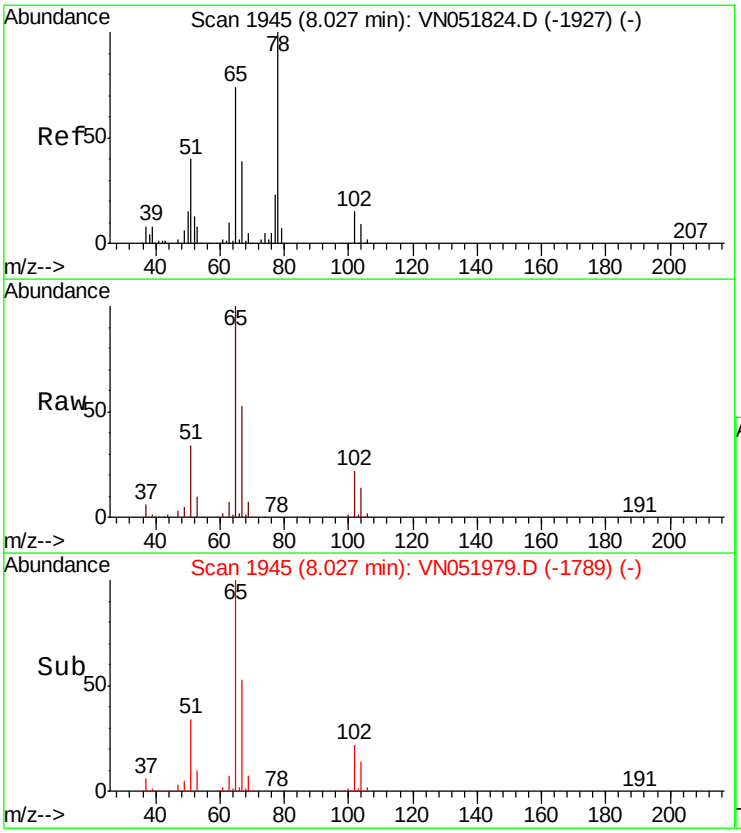
#15
Acetone
Concen: 0.288 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 58 Resp: 145

Ion	Ratio	Lower	Upper
58	100		
43	27.6	232.2	348.2#

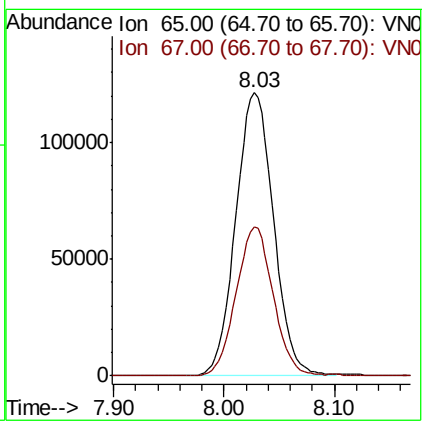


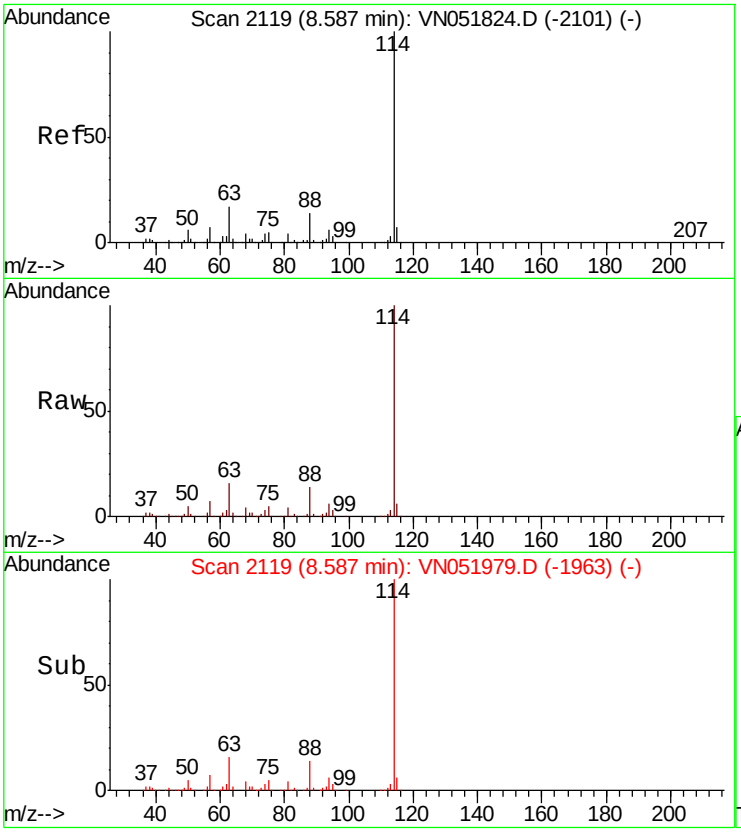


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion: 65 Resp: 288414

Ion	Ratio	Lower	Upper
65	100		
67	51.6	41.8	62.8



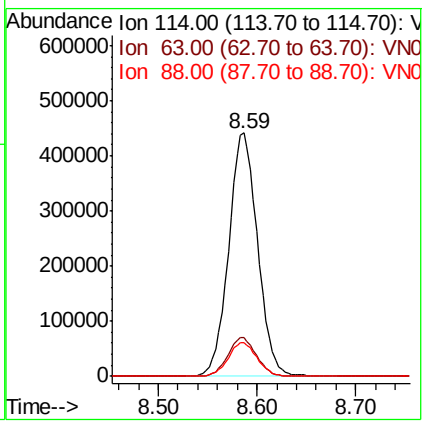


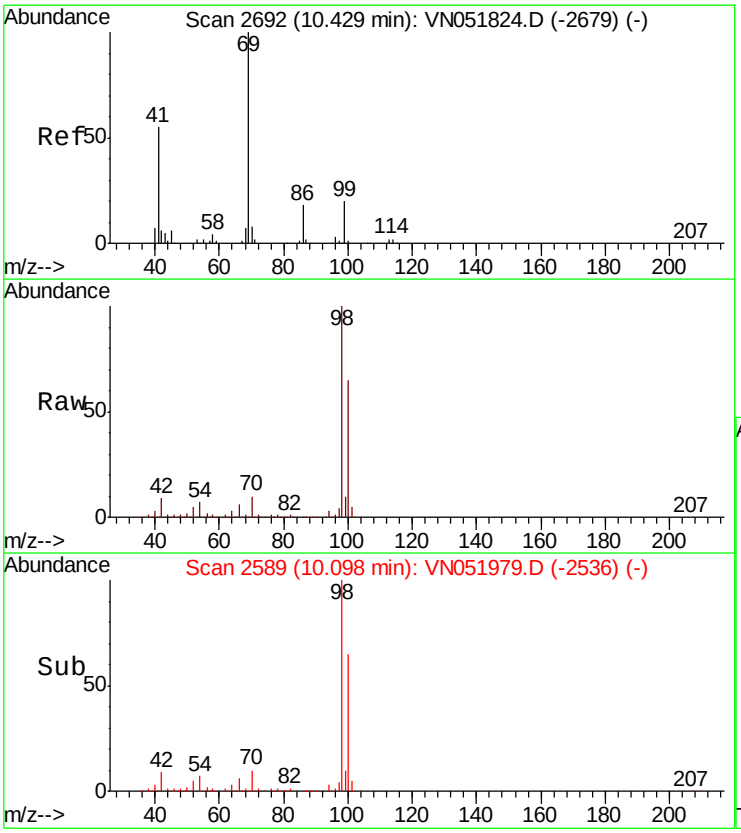
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 899463

Ion	Ratio	Lower	Upper
114	100		
63	15.9	16.2	24.2#
88	14.0	12.2	18.4

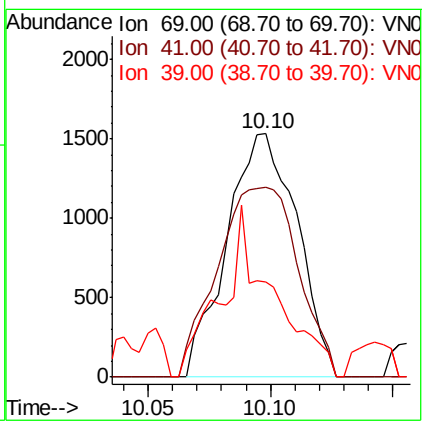


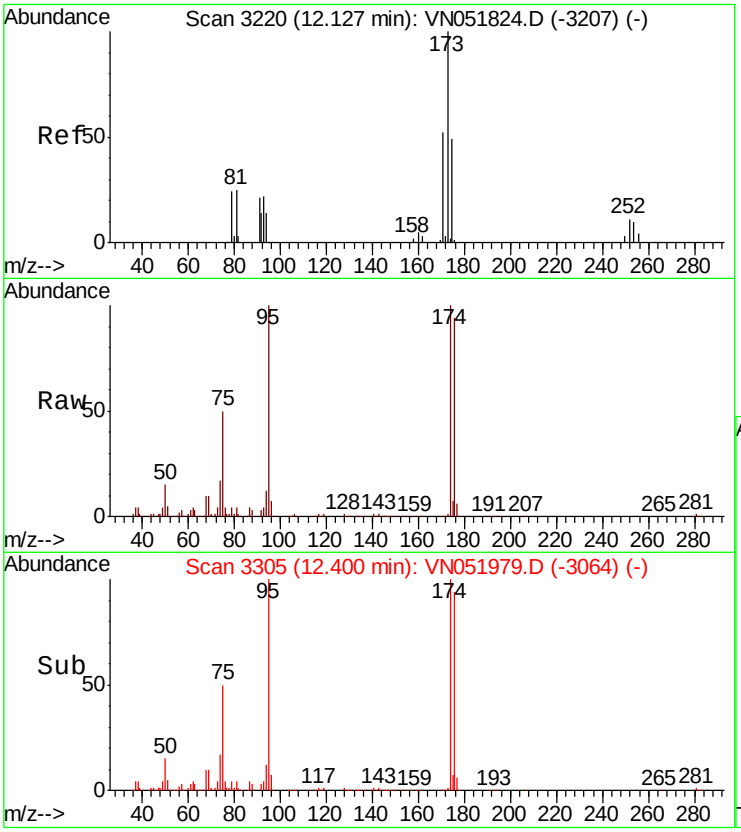


#51
Ethyl methacrylate
Concen: 0.322 ug/l
RT: 10.10 min Scan# 2589
Delta R.T. -0.33 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion: 69 Resp: 3051

Ion	Ratio	Lower	Upper
69	100		
41	78.0	34.4	103.1
39	38.9	16.3	48.8



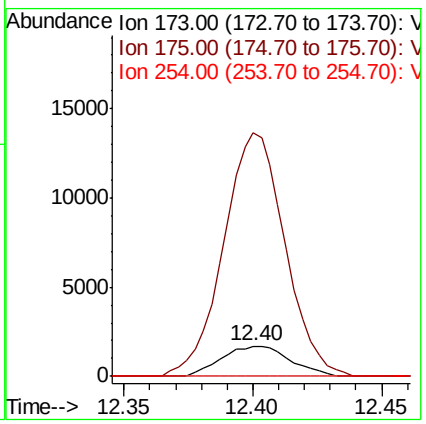


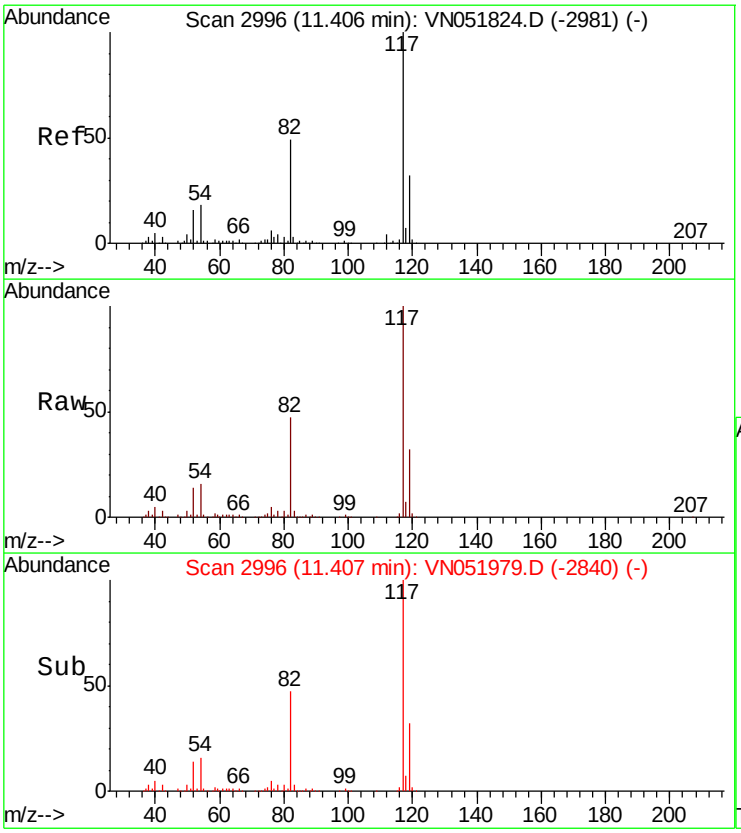
#56
Bromoform
Concen: 0.464 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 3135

Ion	Ratio	Lower	Upper
173	100		
175	720.7	35.8	53.8#
254	0.0	8.6	13.0#

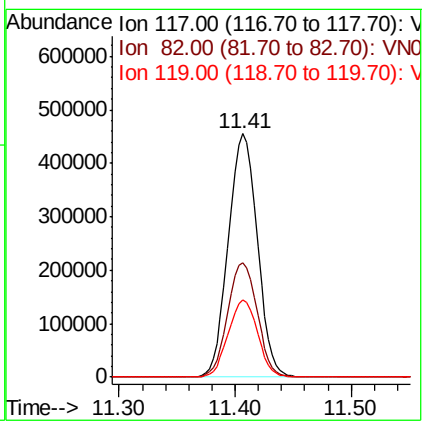


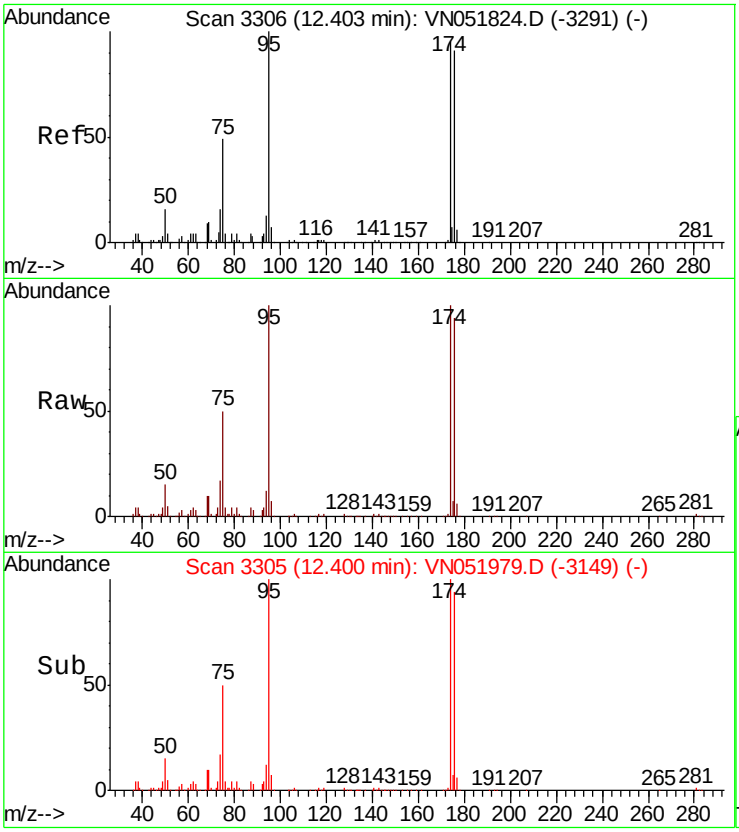


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion:117 Resp: 786949

Ion	Ratio	Lower	Upper
117	100		
82	47.7	44.1	66.1
119	32.1	25.8	38.8



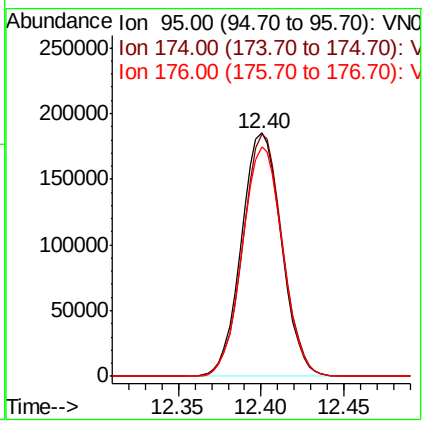


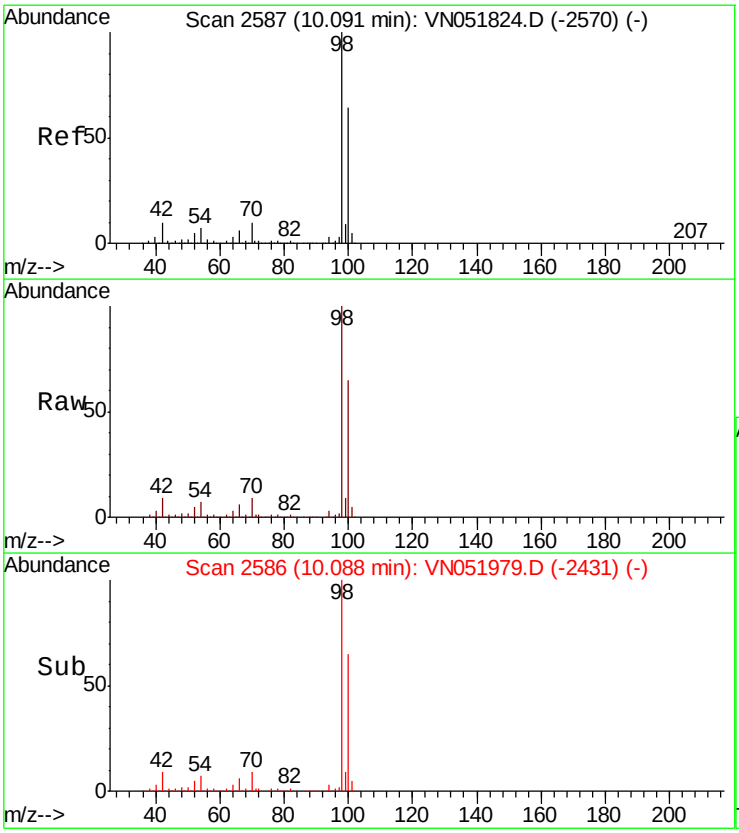
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 311733

Ion	Ratio	Lower	Upper
95	100		
174	98.2	73.5	110.3
176	94.8	70.2	105.2

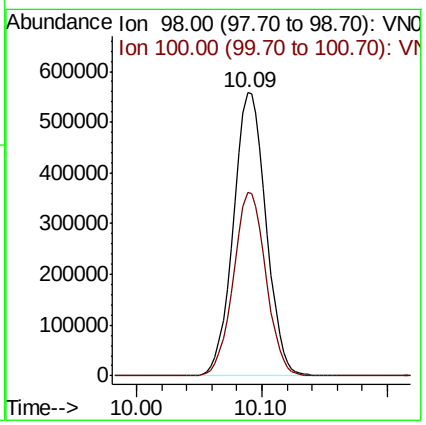


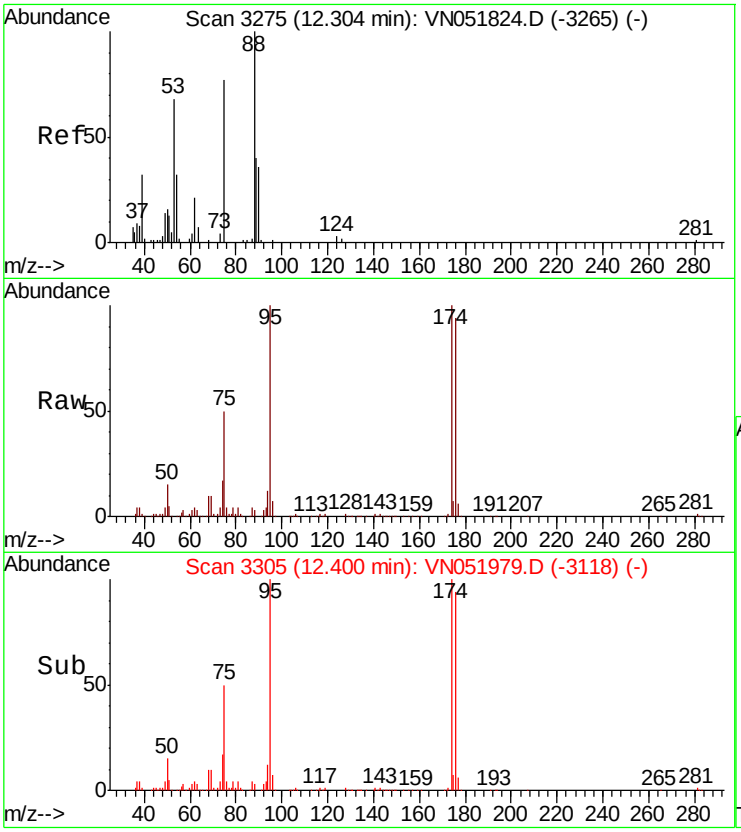


#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion: 98 Resp: 1008649

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.8	76.2



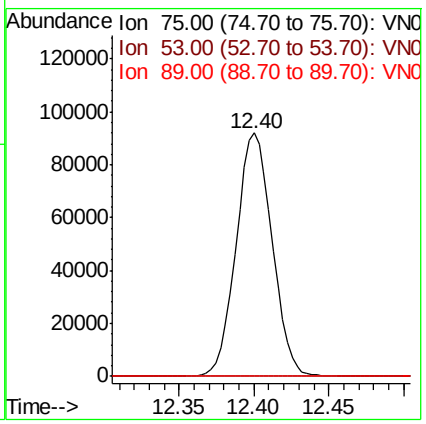


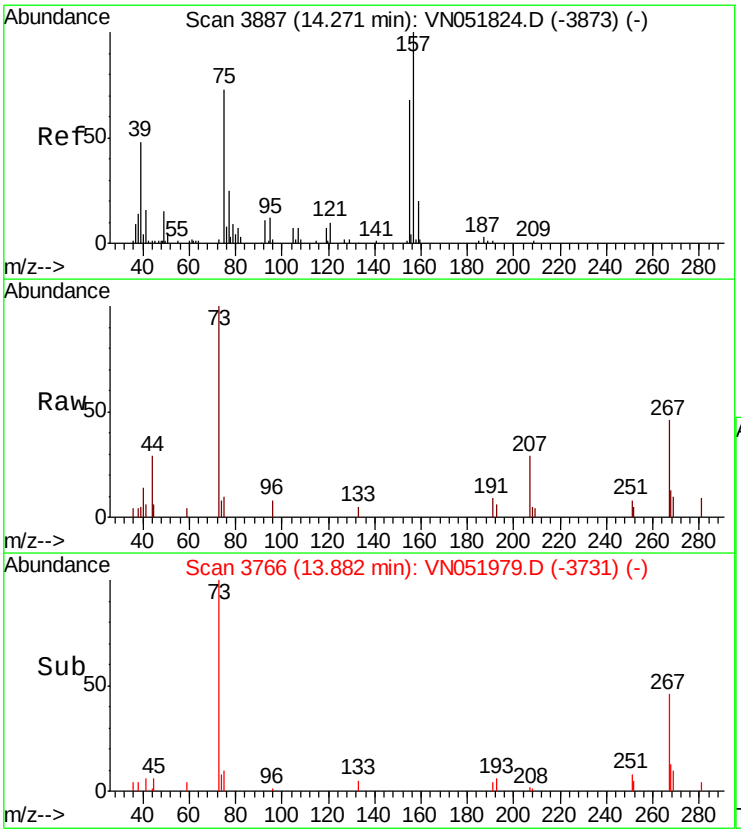
#77
t-1,4-Dichloro-2-butene
Concen: 65.011 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 153825

Ion	Ratio	Lower	Upper
75	100		
53	0.0	46.3	138.9#
89	0.0	24.6	73.8#

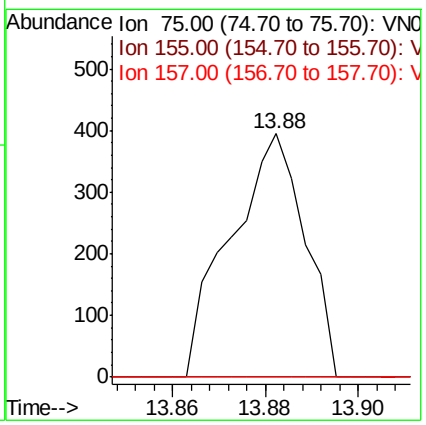


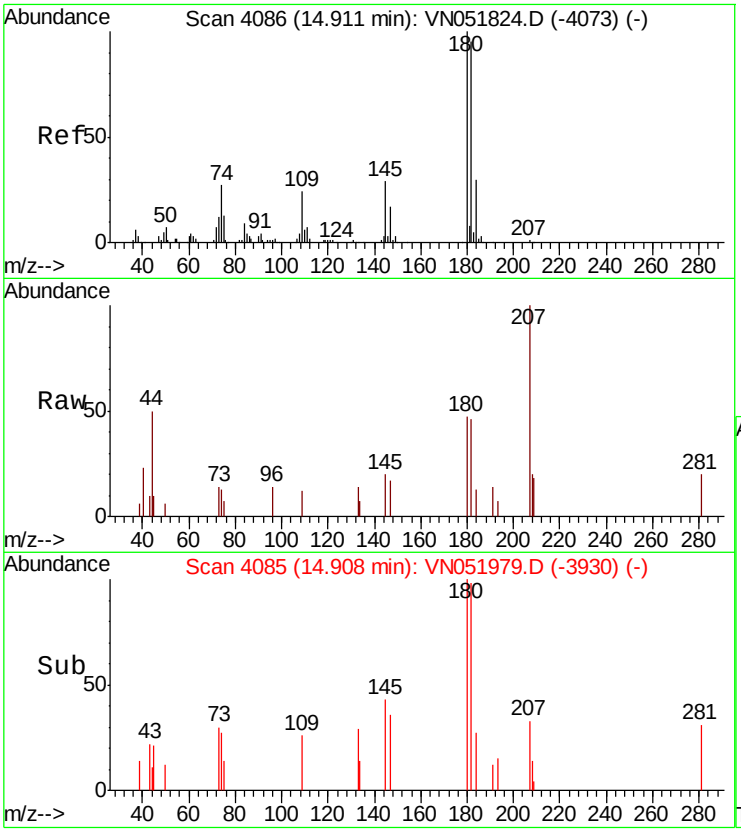


#88
1,2-Dibromo-3-Chloropropane
Concen: 0.325 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. -0.39 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion: 75 Resp: 441

Ion	Ratio	Lower	Upper
75	100		
155	0.0	57.0	85.6#
157	0.0	87.4	131.0#



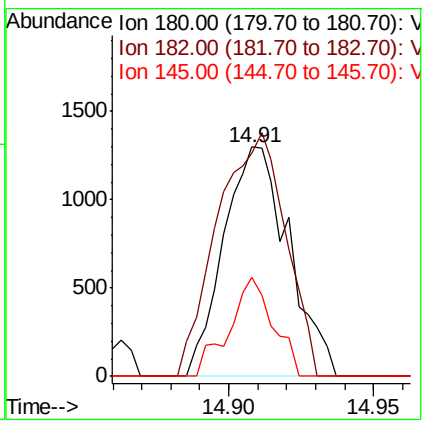


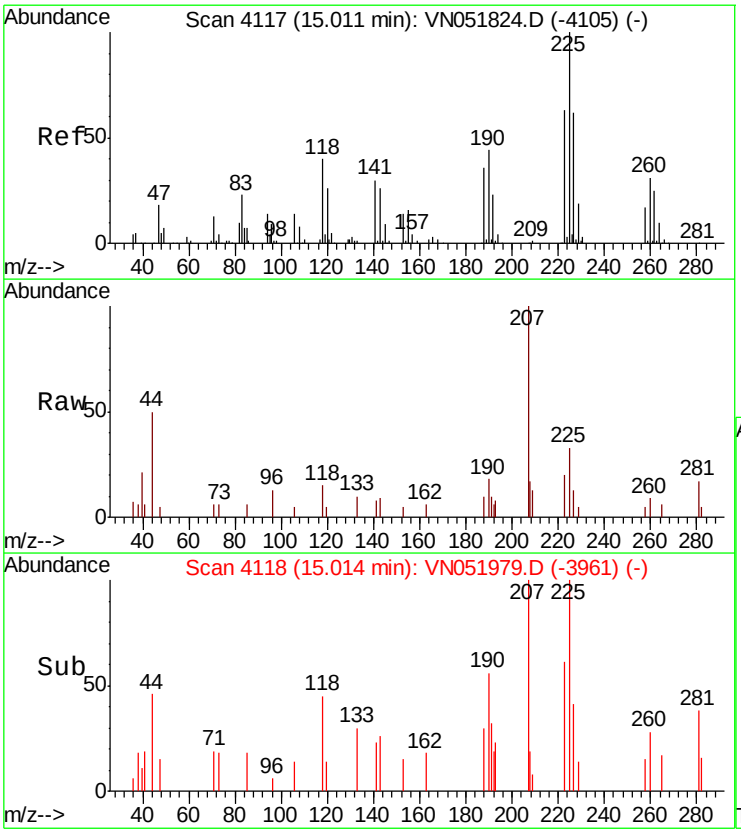
#89
1,2,4-Trichlorobenzene
Concen: 7.885 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 2024

Ion	Ratio	Lower	Upper
180	100		
182	111.4	77.7	116.5
145	24.0	23.4	35.2

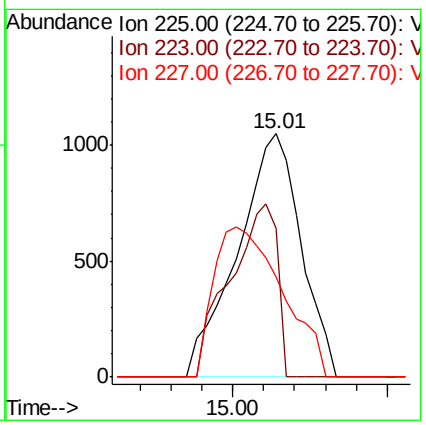


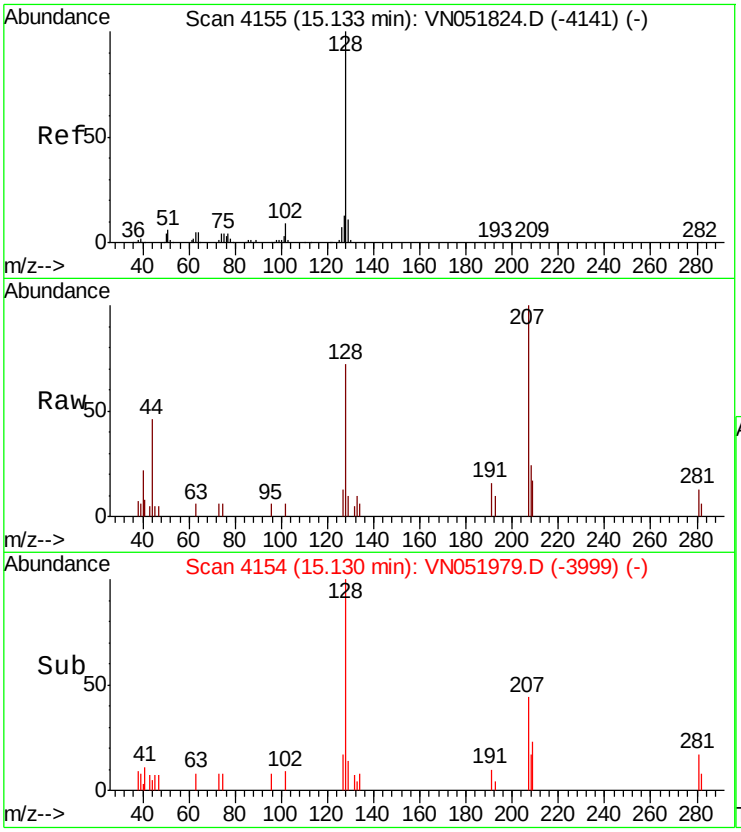


#90
Hexachlorobutadiene
Concen: 0.238 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion:225 Resp: 1492

Ion	Ratio	Lower	Upper
225	100		
223	53.3	0.0	117.0
227	67.3	0.0	127.0



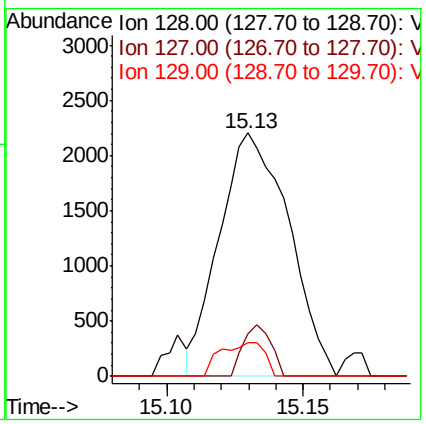


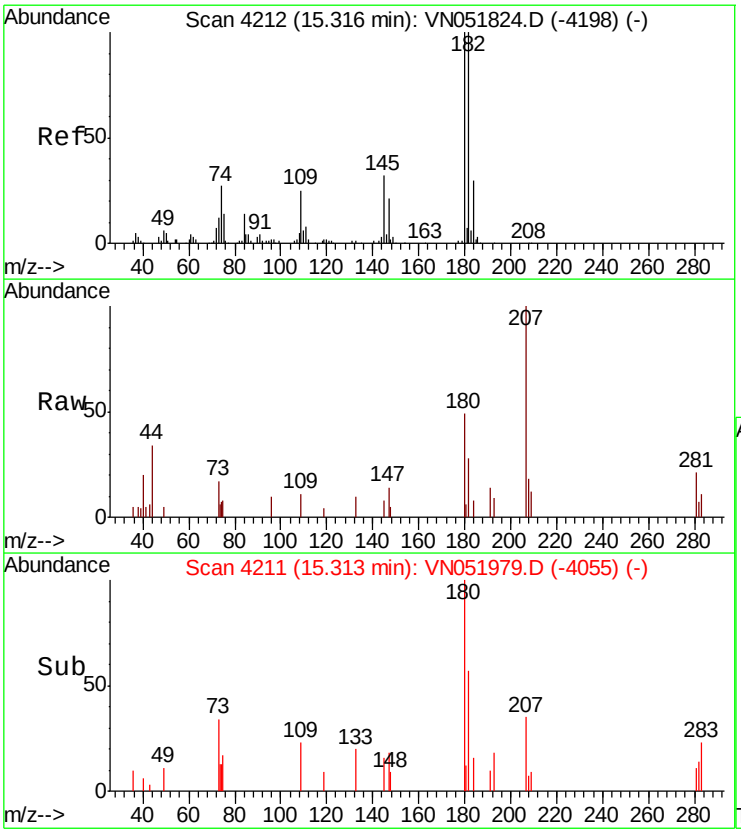
#91
Naphthalene
Concen: 8.680 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3898

Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.1	15.1#
129	5.4	8.4	12.6#





#92
1,2,3-Trichlorobenzene
Concen: 0.274 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion:180 Resp: 2427

Ion	Ratio	Lower	Upper
180	100		
182	69.4	0.0	198.0
145	12.0	0.0	36.8