Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102518\
Data File : VN052013.D
Acq On : 25 Oct 2018 16:30
Operator : MD\SY
Sample : VN1025WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1025WBL02

Quant Time: Oct 26 01:02:38 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	166567	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	920044	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	796350	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	291909	28.80	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.00%			
60) 4-Bromofluorobenzene	12.40	95	303283	26.41	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 88.03%			
63) Toluene-d8	10.09	98	1029579	29.77	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.23%			
Target Compounds						Qvalue
13) Acrolein	3.62	56	98	0.312	ug/l #	65
15) Acetone	3.82	58	141	0.268	ug/l #	54
44) Isopropyl Acetate	8.20	43	3237	0.301	ug/l #	57
51) Ethyl methacrylate	10.09	69	2565	0.264	ug/l	76
56) Bromoform	12.40	173	2673	0.387	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.40	75	148779	62.136	ug/l #	12
89) 1,2,4-Trichlorobenzene	14.91	180	1317	7.829	ug/l #	74
91) Naphthalene	15.13	128	1484	8.589	ug/l #	70

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

Quantitation Report (Not Reviewed)

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Data File : VN052013.D
Acq On : 25 Oct 2018 16:30
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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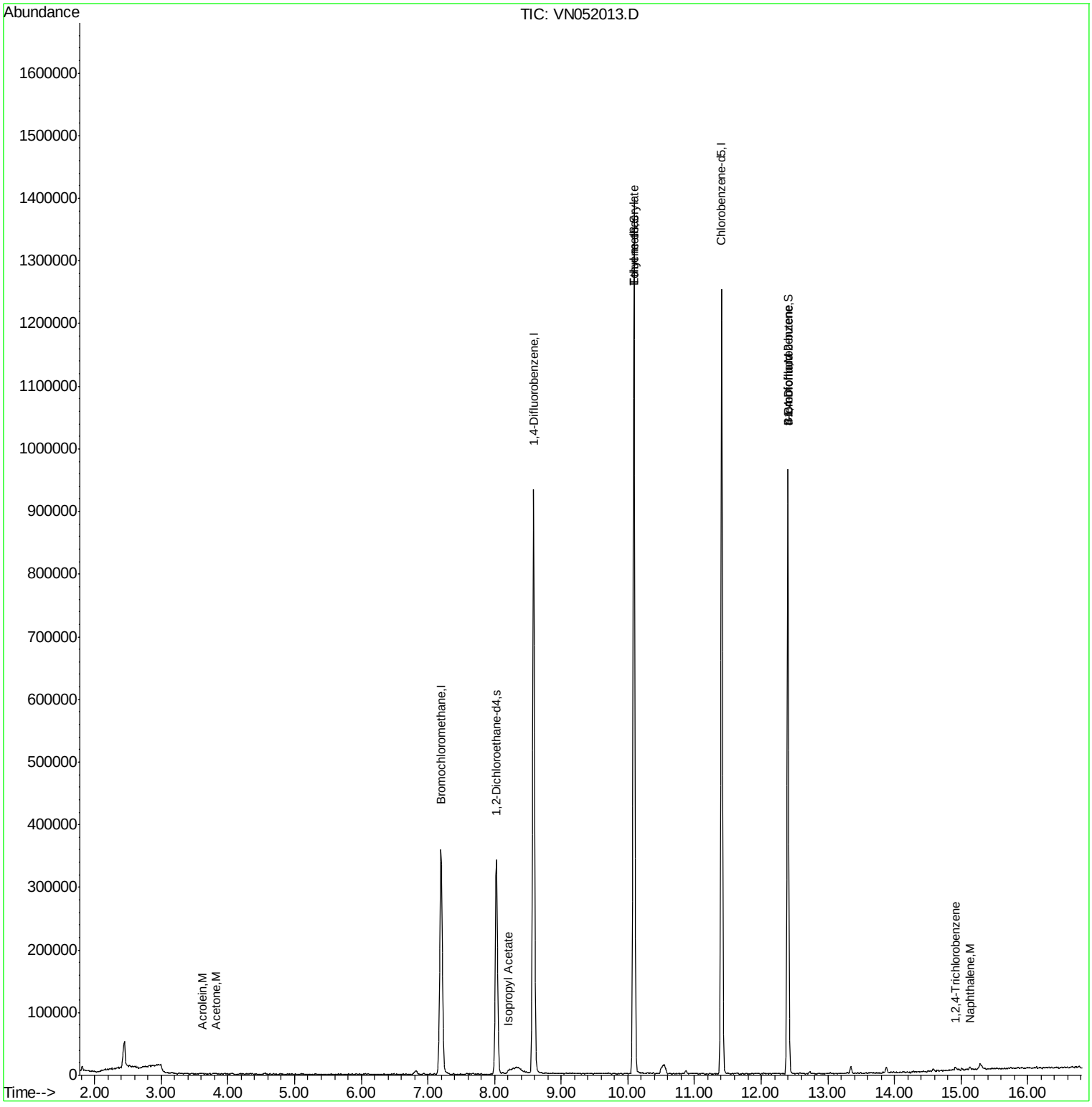
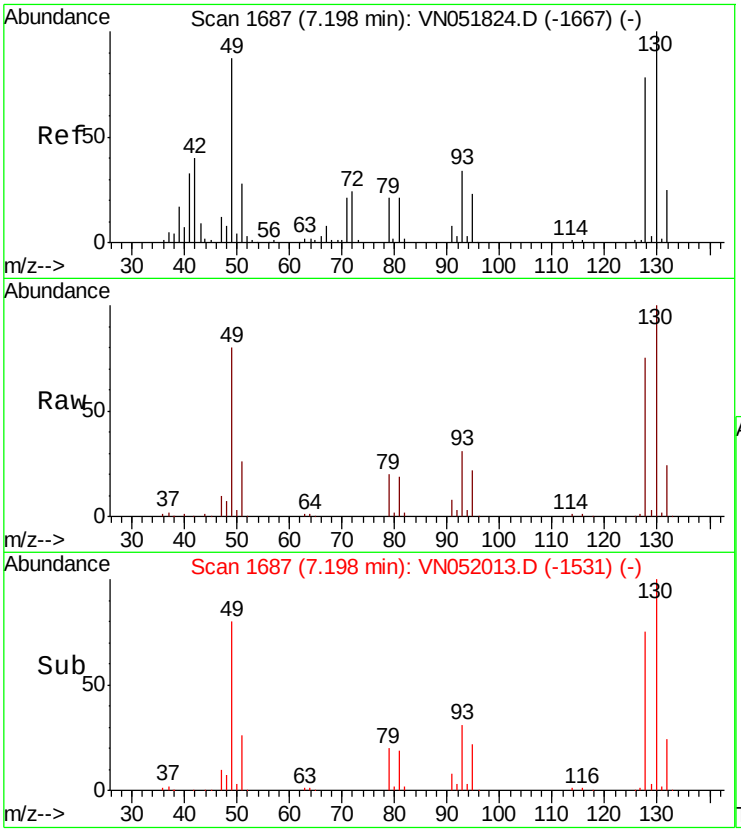


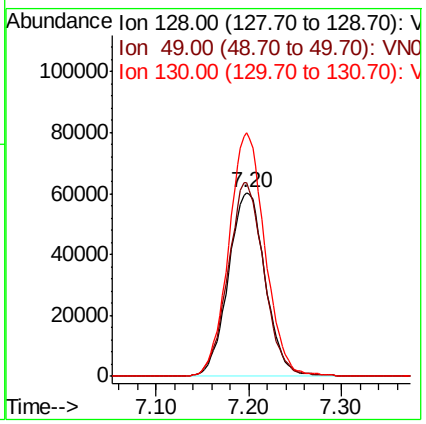


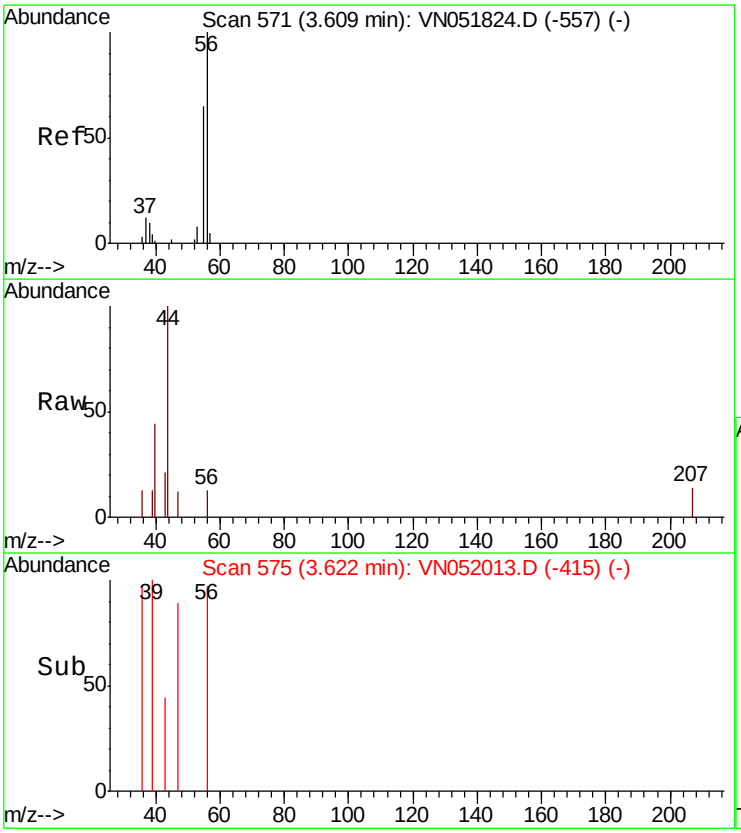
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Instrument : MSVOA_N
ClientSampleId : VN1025WBL02

Tgt Ion:128 Resp: 166567

Ion	Ratio	Lower	Upper
128	100		
49	102.9	0.0	403.3
130	129.6	0.0	326.0

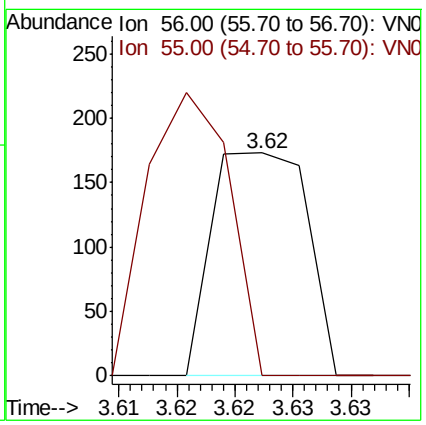


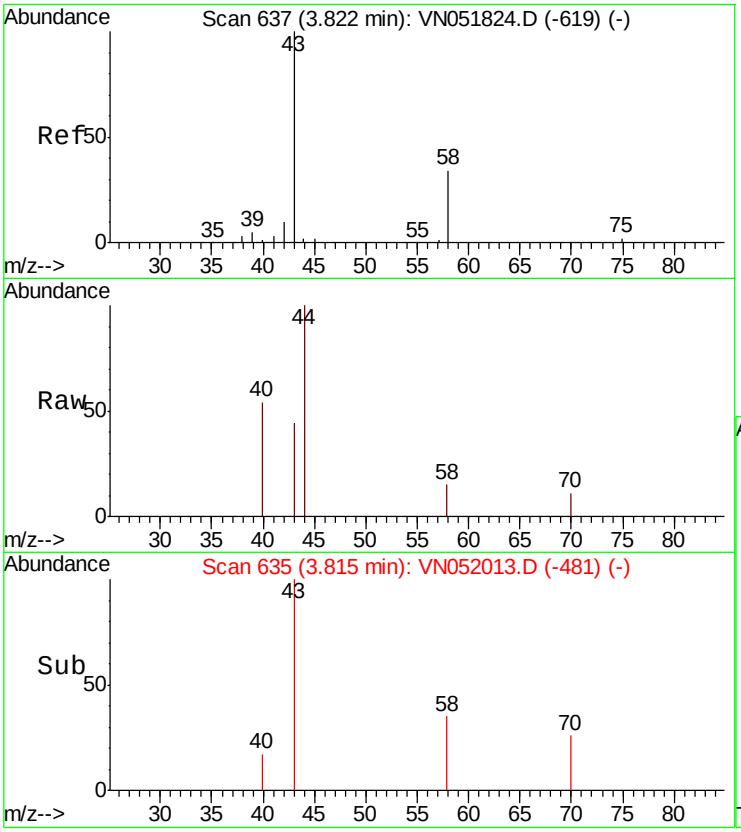


#13
Acrolein
Concen: 0.312 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.01 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Tgt Ion: 56 Resp: 98

Ion	Ratio	Lower	Upper
56	100		
55	111.2	64.0	96.0#



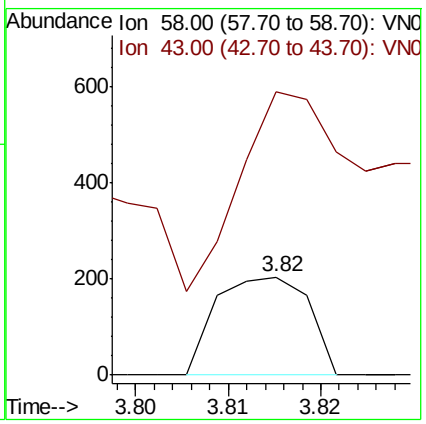


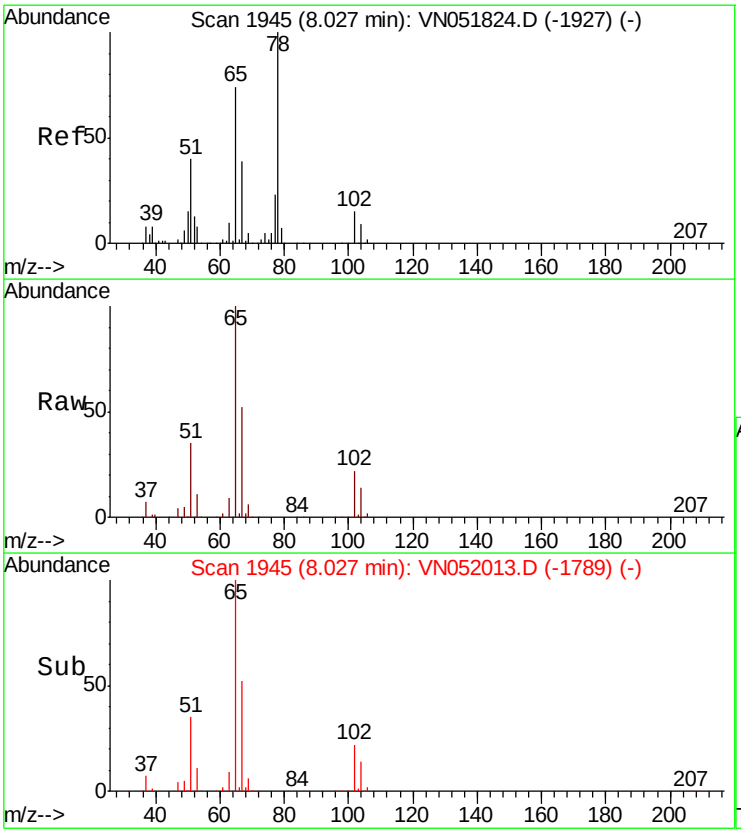
#15
Acetone
Concen: 0.268 ug/l
RT: 3.82 min Scan# 635
Delta R.T. -0.01 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL02

Tgt Ion: 58 Resp: 141

Ion	Ratio	Lower	Upper
58	100		
43	202.5	232.2	348.2#

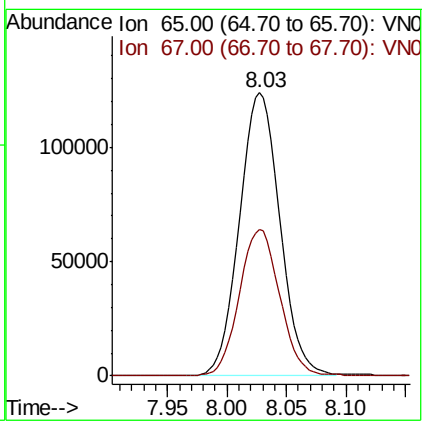


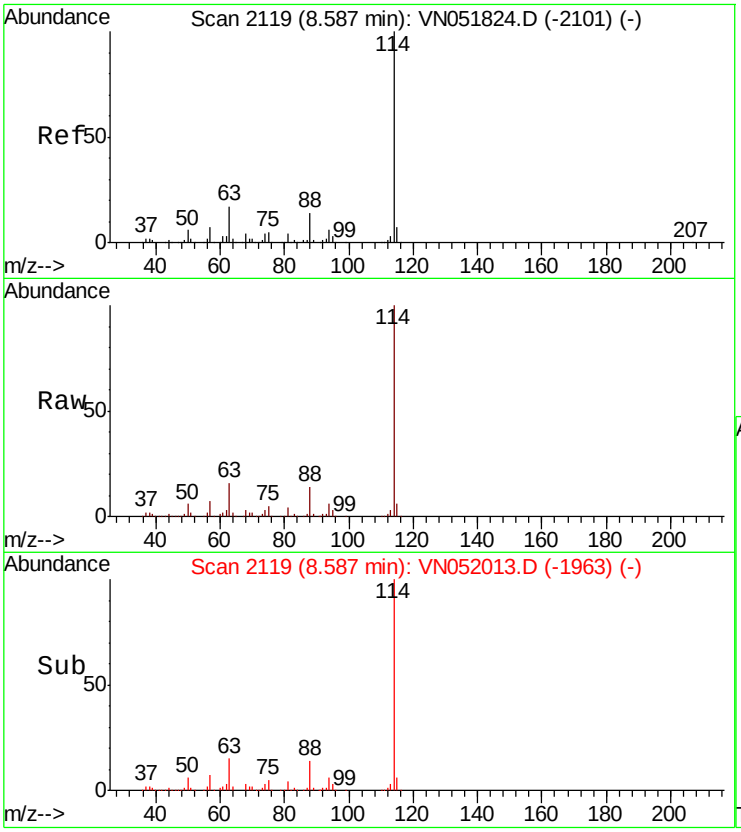


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Tgt Ion: 65 Resp: 291909

Ion	Ratio	Lower	Upper
65	100		
67	51.5	41.8	62.8



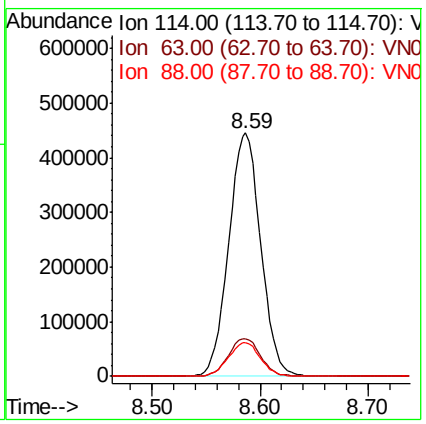


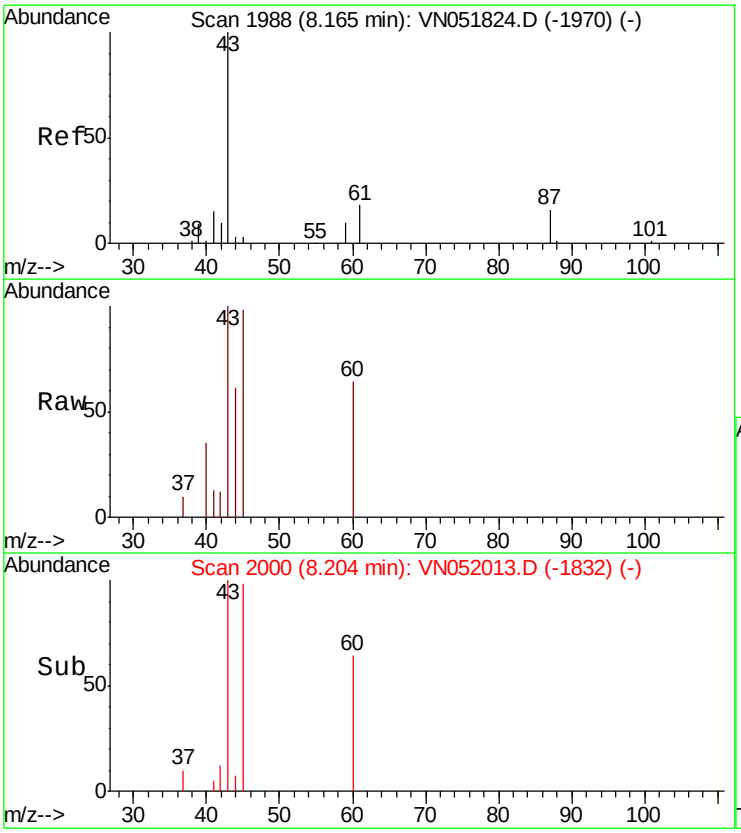
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL02

Tgt Ion:114 Resp: 920044

Ion	Ratio	Lower	Upper
114	100		
63	15.7	16.2	24.2#
88	14.0	12.2	18.4

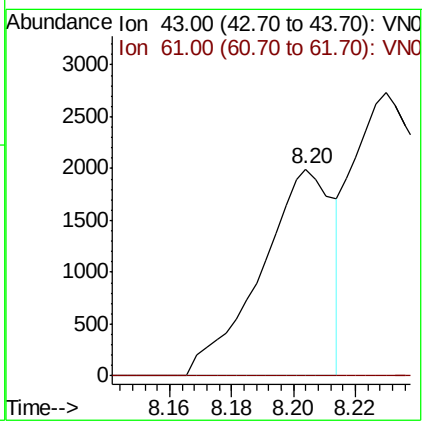


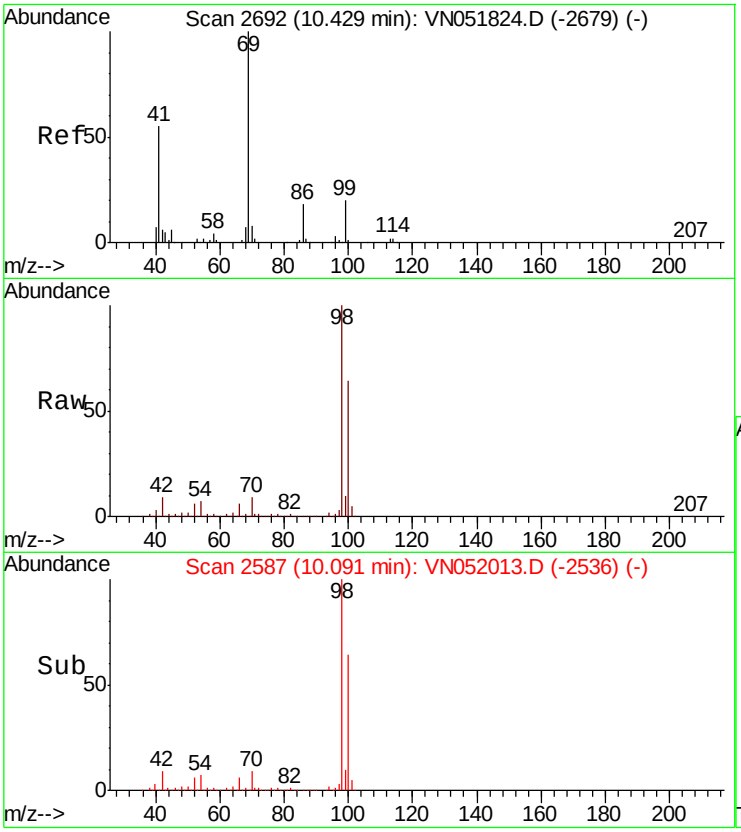


#44
Isopropyl Acetate
Concen: 0.301 ug/l
RT: 8.20 min Scan# 2000
Delta R.T. 0.04 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Tgt Ion: 43 Resp: 3237

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.9	23.9#



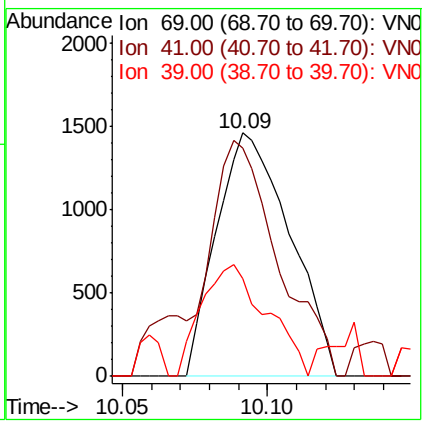


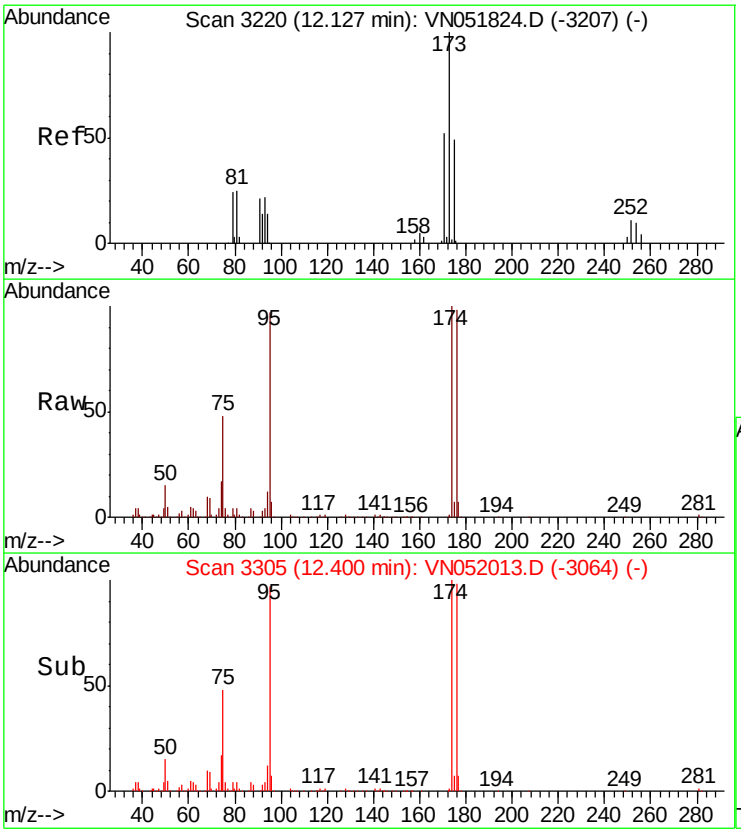
#51
Ethyl methacrylate
Concen: 0.264 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.34 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Instrument : MSVOA_N
ClientSampleId : VN1025WBL02

Tgt Ion: 69 Resp: 2565

Ion	Ratio	Lower	Upper
69	100		
41	94.0	34.4	103.1
39	27.5	16.3	48.8

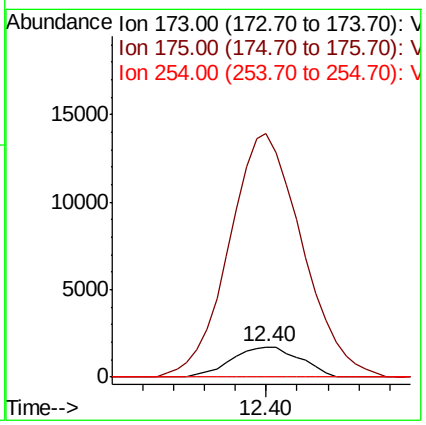


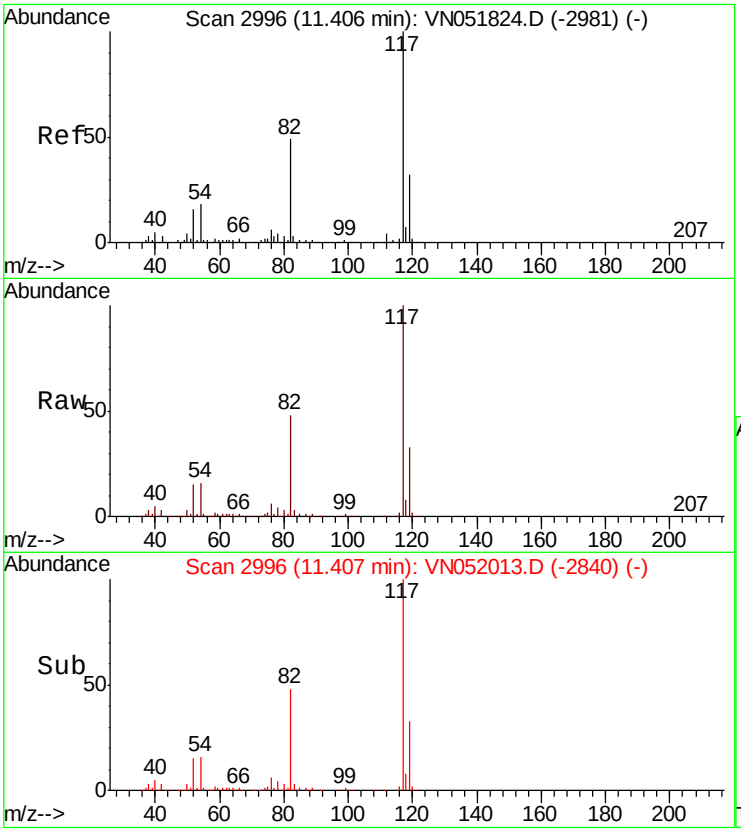


#56
Bromoform
Concen: 0.387 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Tgt Ion:173 Resp: 2673

Ion	Ratio	Lower	Upper
173	100		
175	857.7	35.8	53.8#
254	0.0	8.6	13.0#



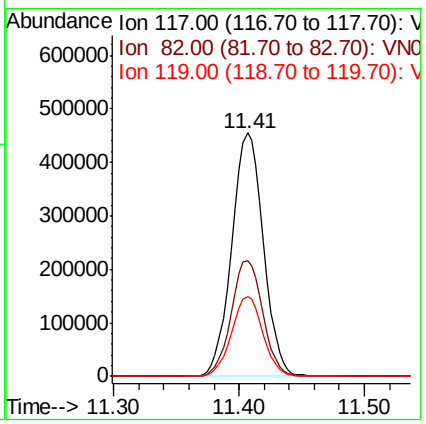


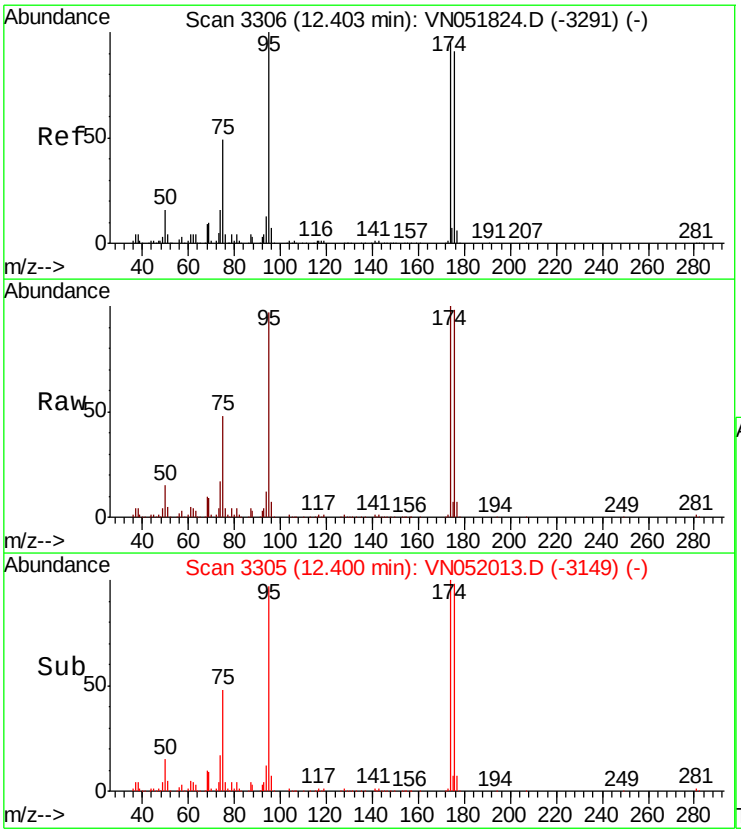
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Instrument : MSVOA_N
ClientSampleId : VN1025WBL02

Tgt Ion:117 Resp: 796350

Ion	Ratio	Lower	Upper
117	100		
82	47.6	44.1	66.1
119	32.5	25.8	38.8

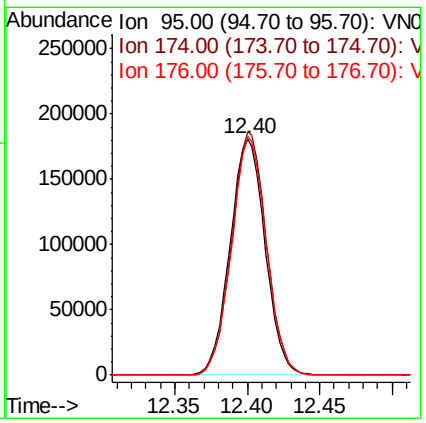


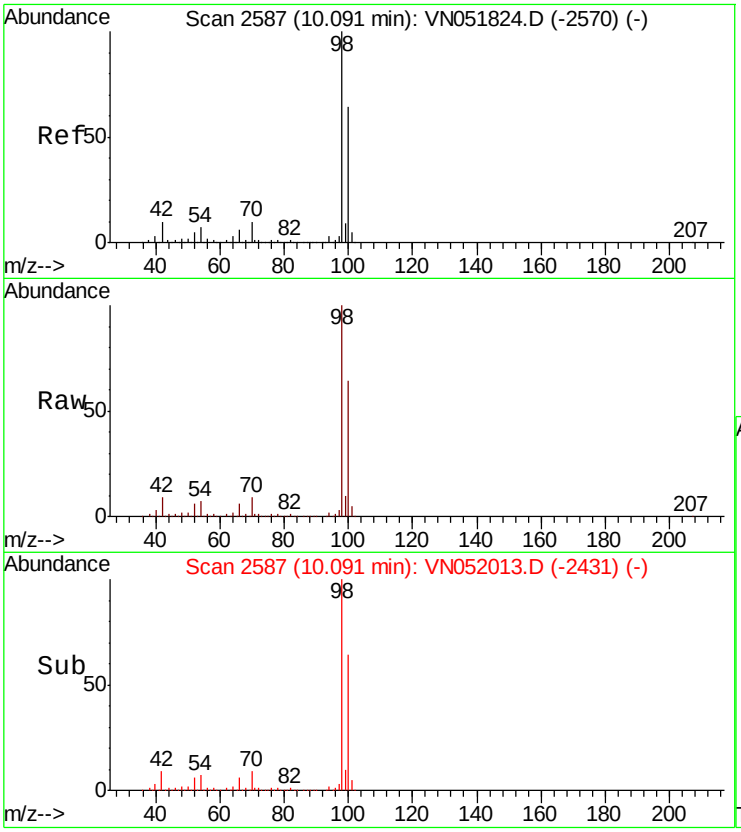


#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Tgt Ion: 95 Resp: 303283

Ion	Ratio	Lower	Upper
95	100		
174	102.5	73.5	110.3
176	100.0	70.2	105.2



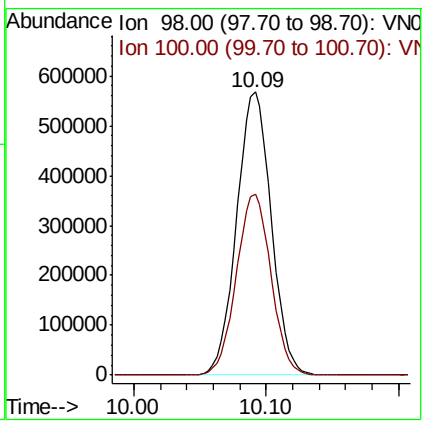


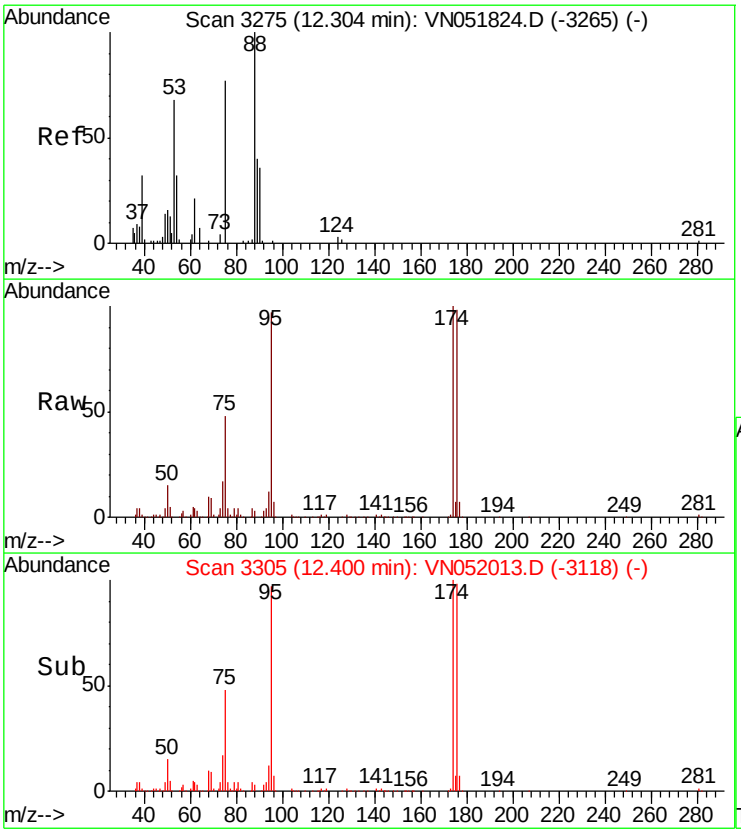
#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL02

Tgt Ion: 98 Resp: 1029579

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.8	76.2

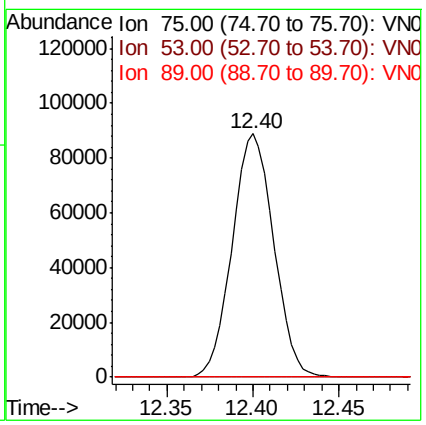


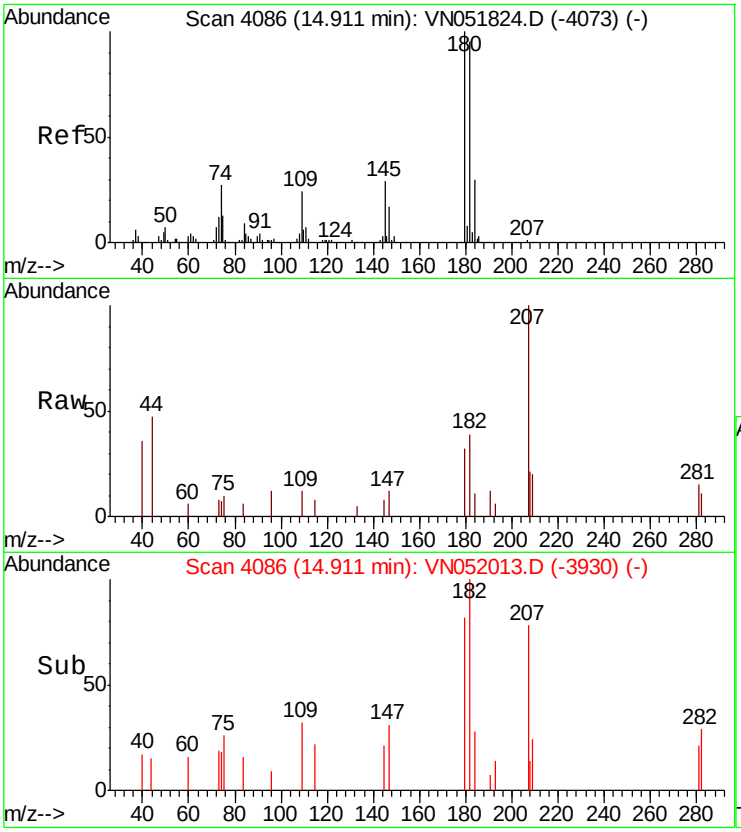


#77
t-1,4-Dichloro-2-butene
Concen: 62.136 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Tgt Ion: 75 Resp: 148779

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



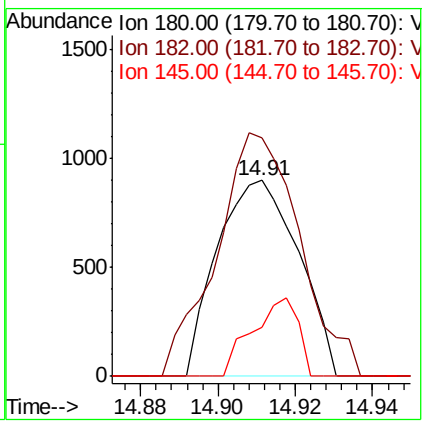


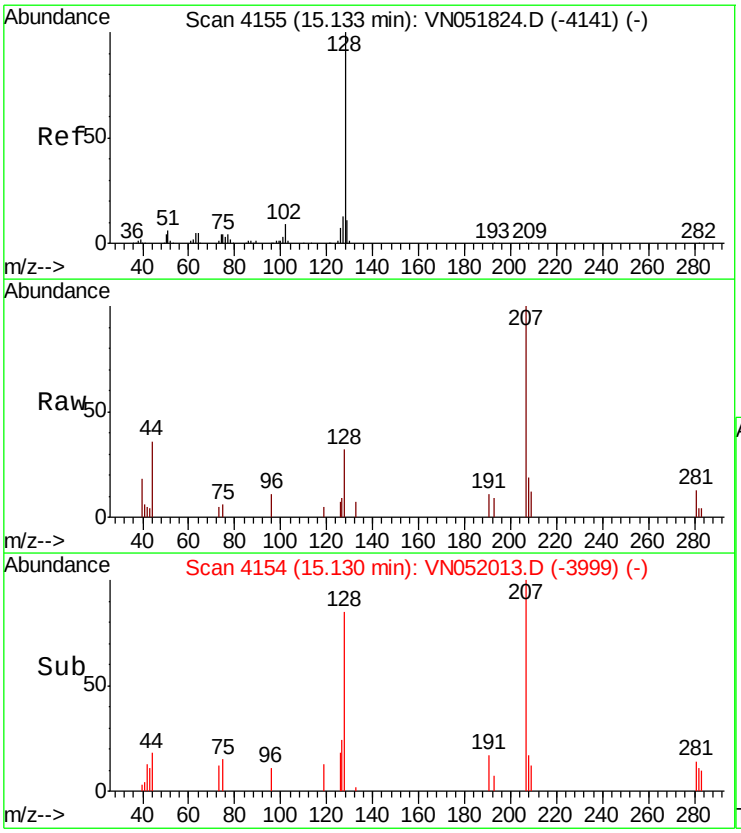
#89
1,2,4-Trichlorobenzene
Concen: 7.829 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Instrument : MSVOA_N
ClientSampleId : VN1025WBL02

Tgt Ion:180 Resp: 1317

Ion	Ratio	Lower	Upper
180	100		
182	126.5	77.7	116.5#
145	22.3	23.4	35.2#





#91
Naphthalene
Concen: 8.589 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052013.D
Acq: 25 Oct 2018 16:30

Tgt Ion:128 Resp: 1484

Ion	Ratio	Lower	Upper
128	100		
127	25.3	10.1	15.1#
129	0.0	8.4	12.6#