Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101219\
Data File : VN058688.D
Acq On : 11 Oct 2019 9:17
Operator : JC/SP
Sample : VN1012WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Oct 11 17:28:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	69868	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	380958	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	338696	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	186407	31.43	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.77%			
60) 4-Bromofluorobenzene	12.40	95	161973	27.34	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.13%			
63) Toluene-d8	10.08	98	482378	30.16	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.53%			
Target Compounds						Qvalue
51) Ethyl methacrylate	10.08	69	1499	0.216	ug/l	78
55) 2-Chloroethyl vinyl ether	9.69	63	894	0.258	ug/l #	58
88) 1,2-Dibromo-3-Chloropropan	14.35	75	366	0.248	ug/l #	7

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

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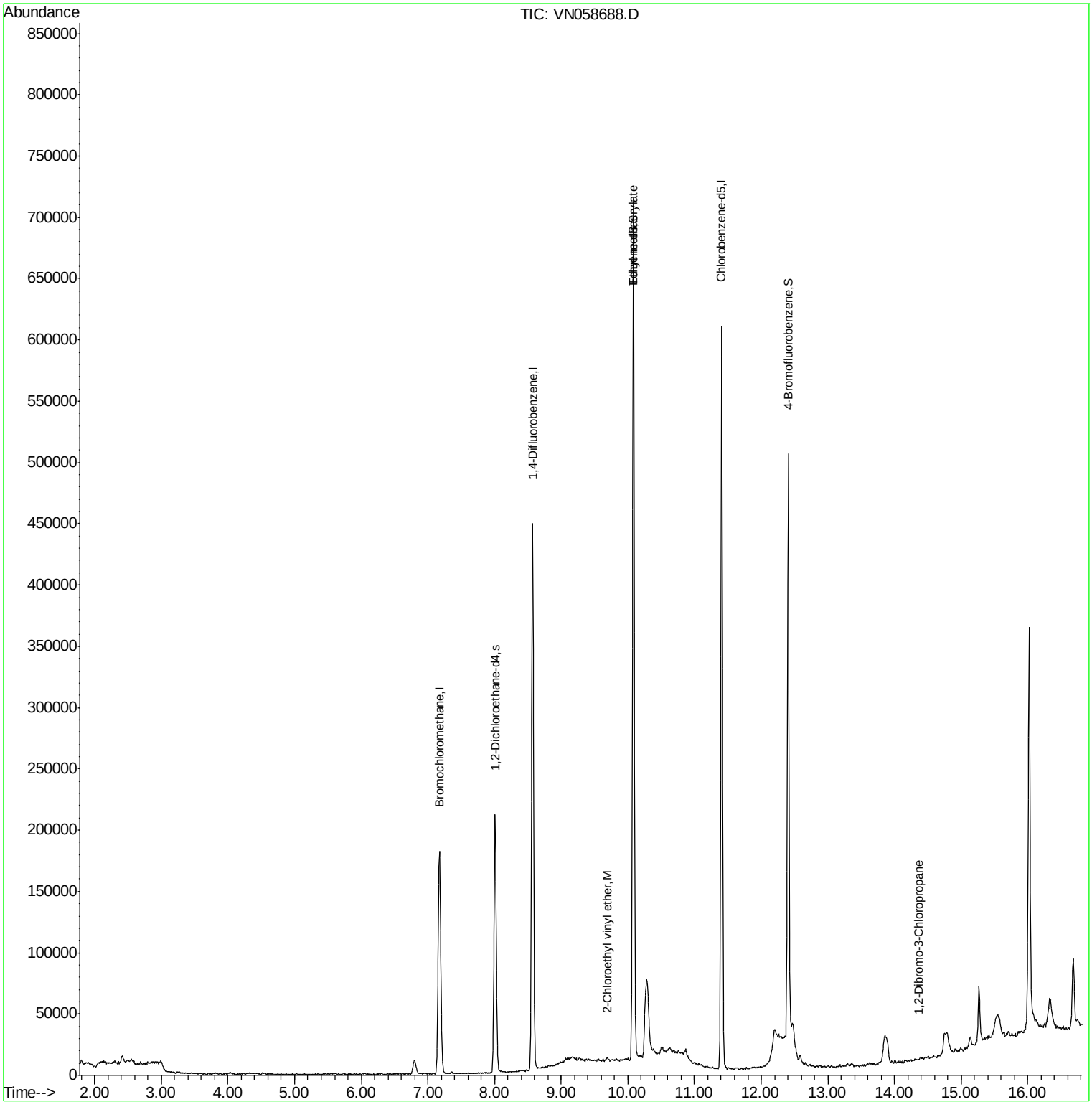
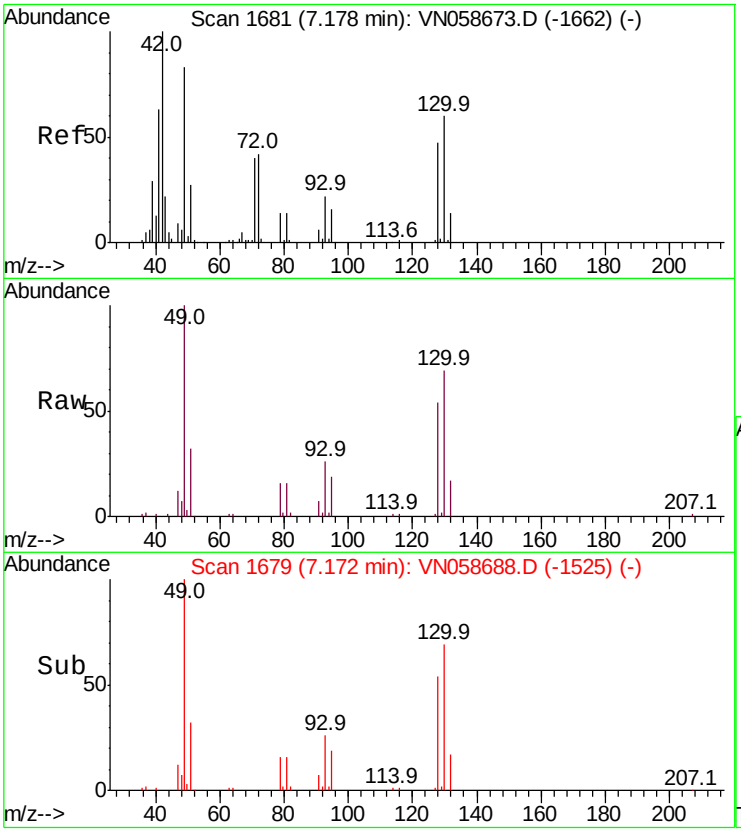
Response via : Initial Calibration



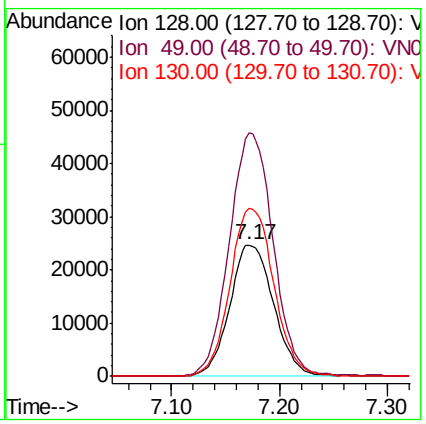


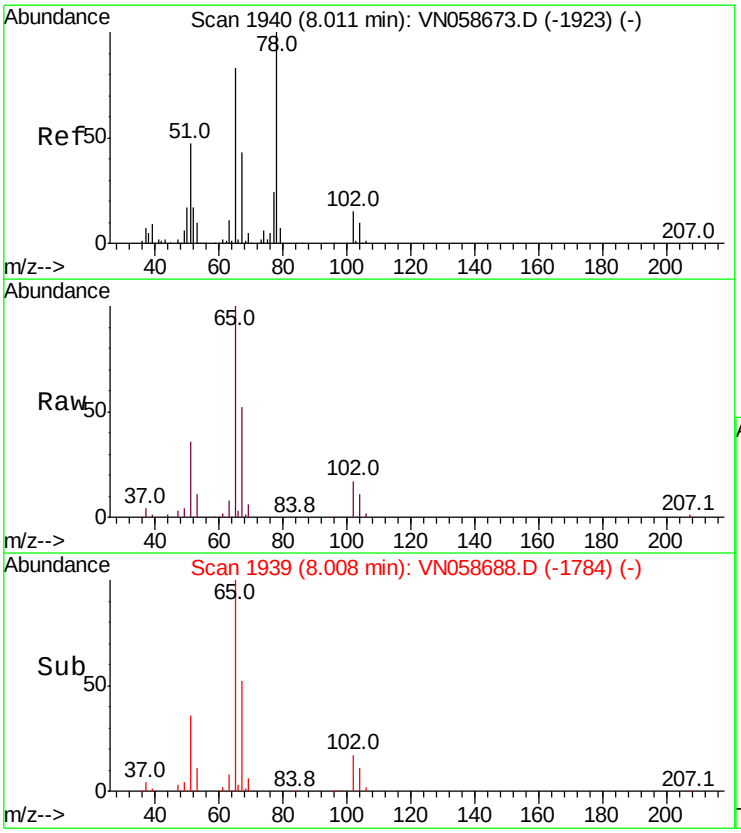
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 69868

Ion	Ratio	Lower	Upper
128	100		
49	184.7	0.0	453.5
130	128.2	0.0	314.2

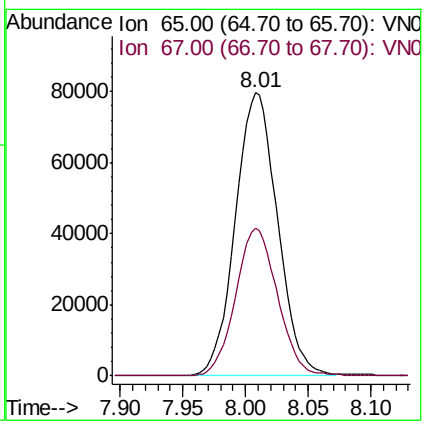


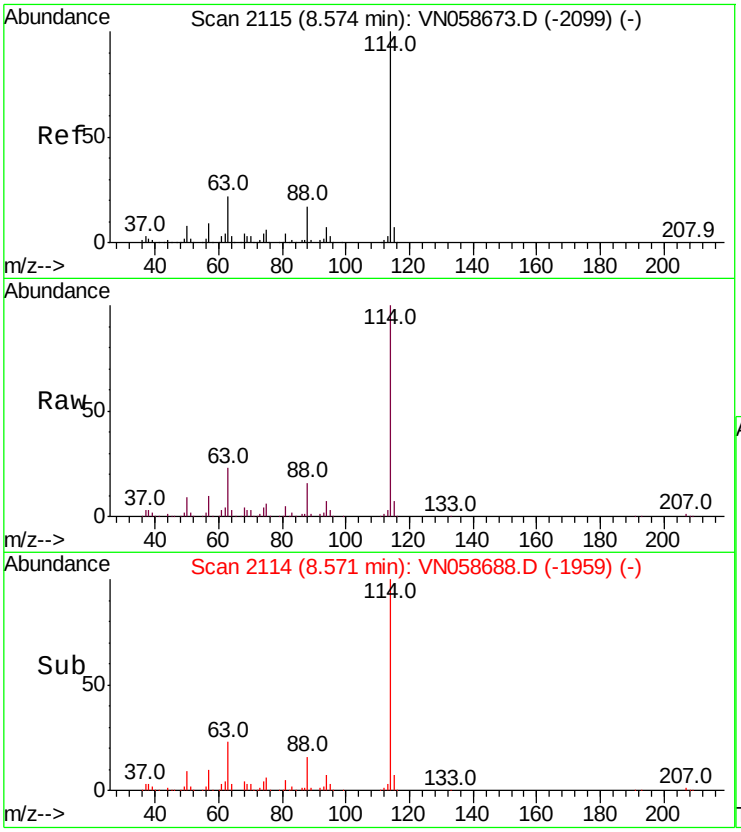


#27
1,2-Dichloroethane-d4
Concen: 31.435 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Tgt Ion: 65 Resp: 186407

Ion	Ratio	Lower	Upper
65	100		
67	51.7	41.5	62.3



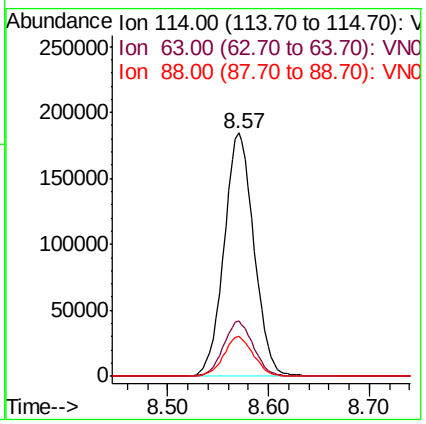


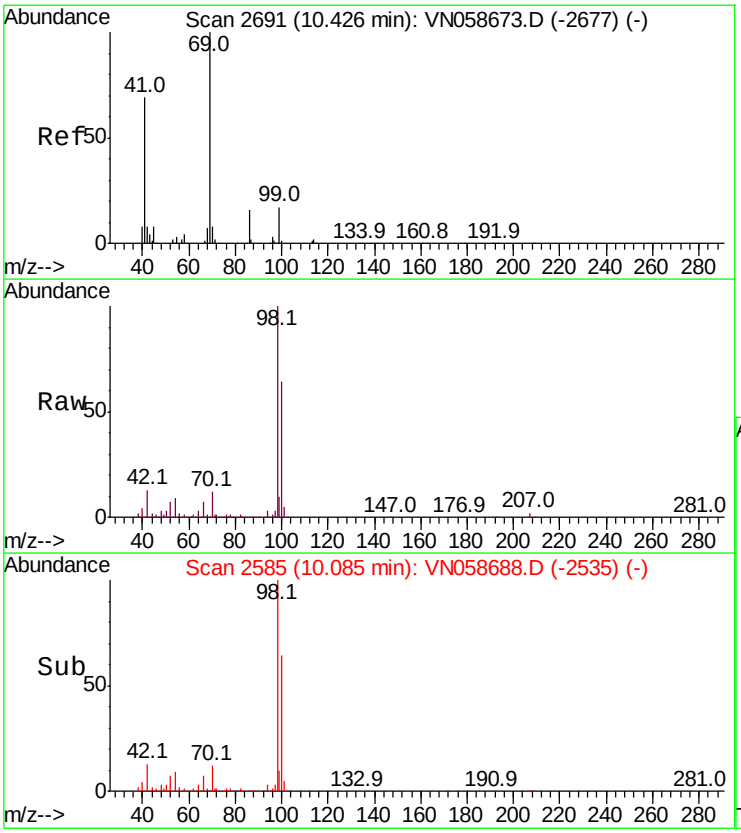
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 380958

Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.1	27.1
88	16.2	13.0	19.4

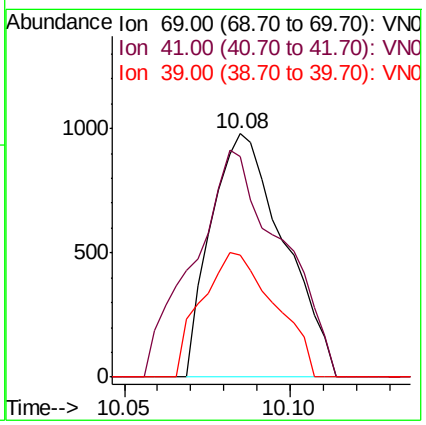


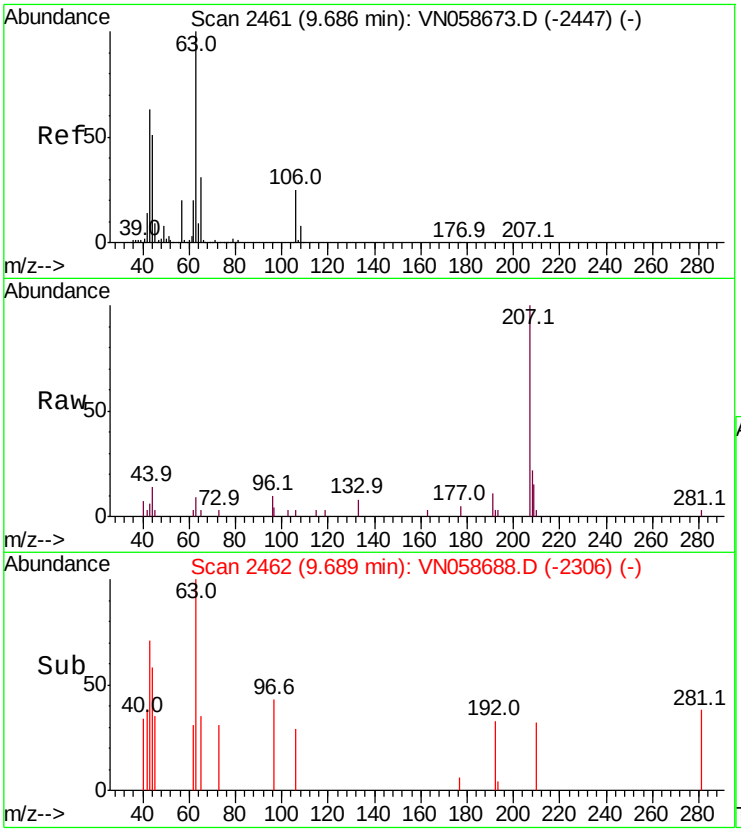


#51
Ethyl methacrylate
Concen: 0.216 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.34 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Tgt Ion: 69 Resp: 1499

Ion	Ratio	Lower	Upper
69	100		
41	90.5	34.7	104.1
39	50.4	20.3	60.8



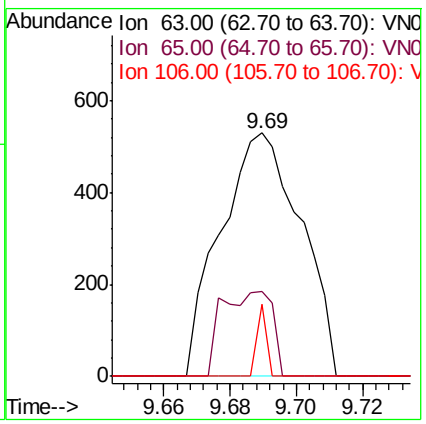


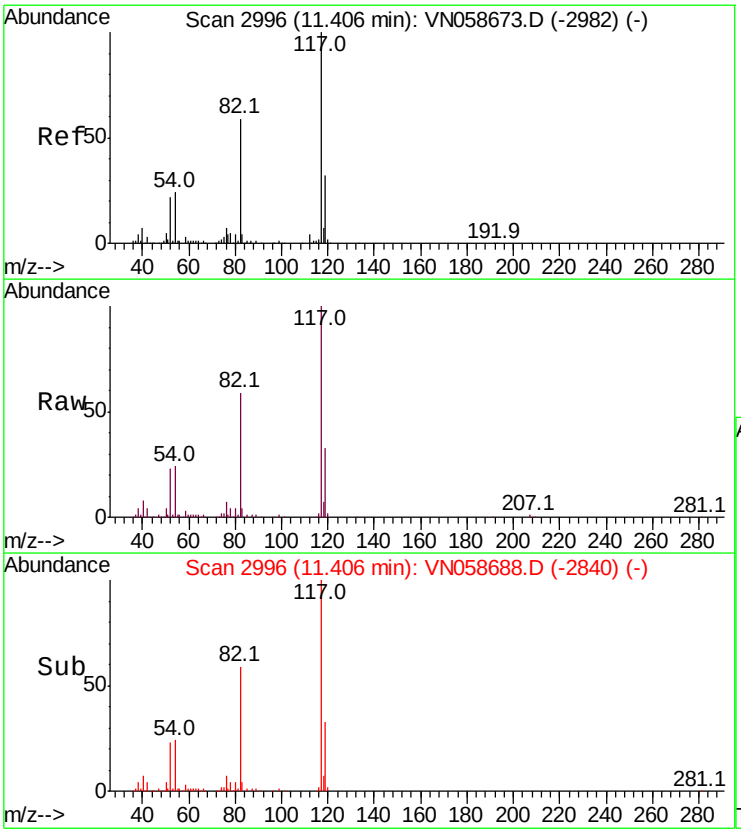
#55
2-Chloroethyl vinyl ether
Concen: 0.258 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 894

Ion	Ratio	Lower	Upper
63	100		
65	11.4	25.3	37.9#
106	0.0	19.8	29.6#

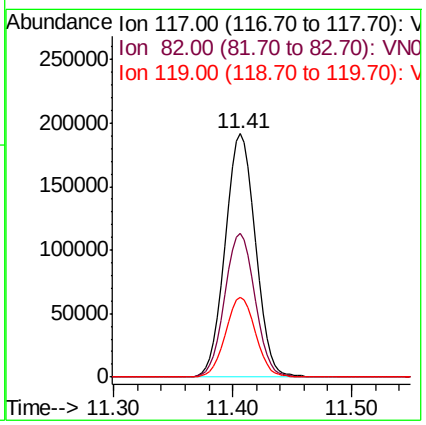


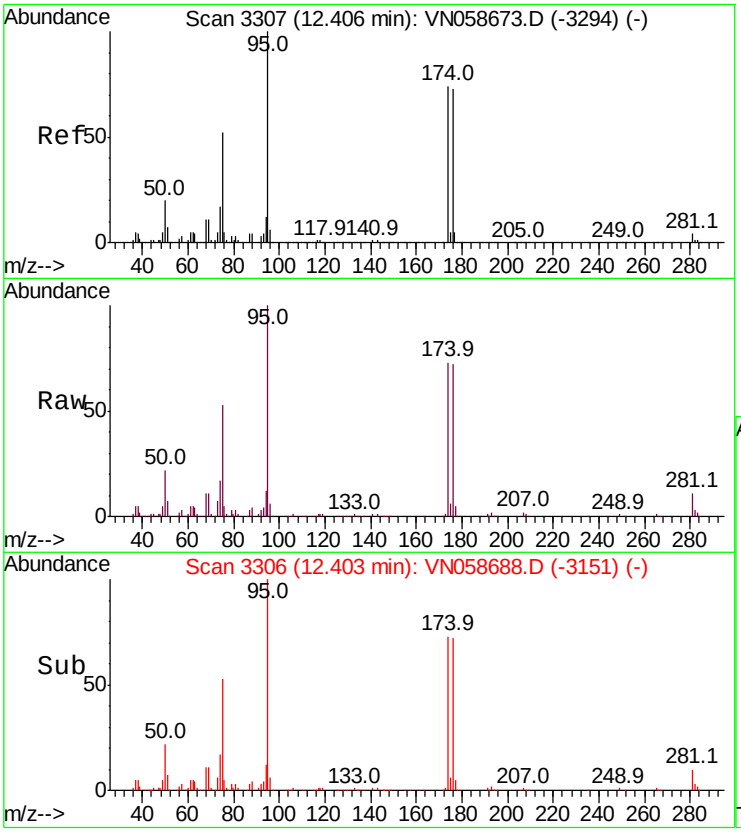


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Tgt Ion:117 Resp: 338696

Ion	Ratio	Lower	Upper
117	100		
82	59.4	46.9	70.3
119	32.5	25.8	38.6



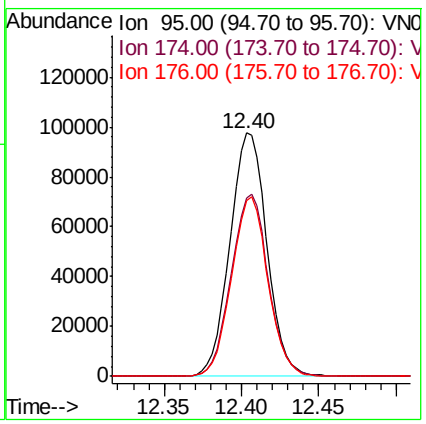


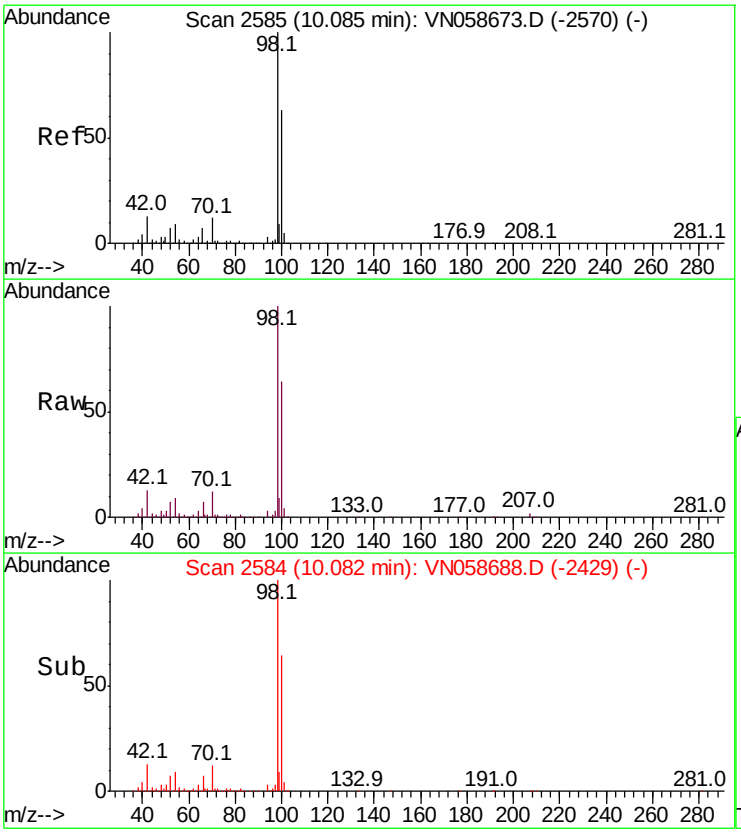
#60
4-Bromofluorobenzene
Concen: 27.339 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 161973

Ion	Ratio	Lower	Upper
95	100		
174	75.2	59.9	89.9
176	72.7	58.3	87.5

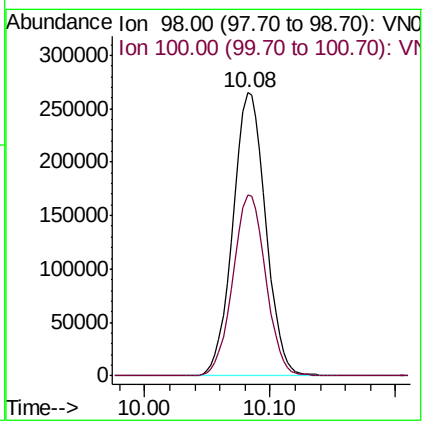


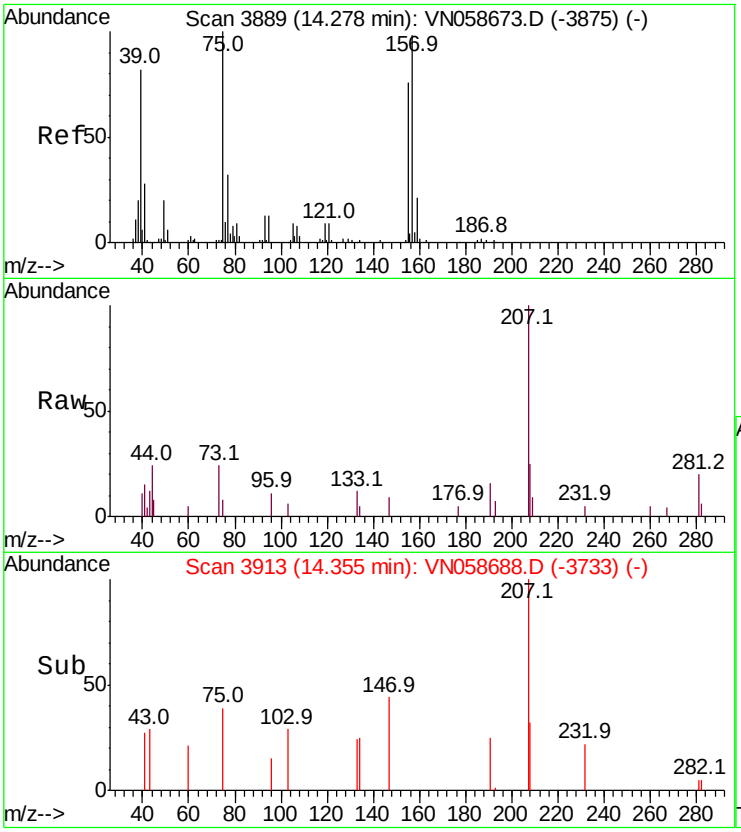


#63
Toluene-d8
Concen: 30.164 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Tgt Ion: 98 Resp: 482378

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.6	75.8





#88
1,2-Dibromo-3-Chloropropane
Concen: 0.248 ug/l
RT: 14.35 min Scan# 3913
Delta R.T. 0.08 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 366

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.3	87.5#
157	0.0	75.0	112.6#