Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091918\
Data File : VN051313.D
Acq On : 19 Sep 2018 12:47
Operator : MD\SY
Sample : J4907-17
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Sep 19 16:01:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	83349	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	422233	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	336663	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	153332	28.83	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.10%				
60) 4-Bromofluorobenzene	12.40	95	94265	18.83	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 62.77%				
63) Toluene-d8	10.09	98	480300	30.59	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.97%				
Target Compounds							Qvalue
3) Chloromethane	2.06	50	1397	0.229	ug/l		90
5) Bromomethane	2.57	94	1496	0.406	ug/l		94
12) Methyl Acetate	4.33	43	3210	0.616	ug/l	#	76
17) Allyl chloride	4.08	41	1451	0.205	ug/l		84
18) Methylene Chloride	4.55	84	3075	0.582	ug/l	#	83
44) Isopropyl Acetate	8.23	43	12077	1.718	ug/l	#	58
50) 1,1,2-Trichloroethane	10.10	97	16141	3.611	ug/l	#	1
51) Ethyl methacrylate	10.10	69	1559	0.285	ug/l		78
72) 1,2,3-Trichloropropane	12.40	75	42515	9.576	ug/l		1
77) t-1,4-Dichloro-2-butene	12.40	75	42515	33.614	ug/l	#	13
91) Naphthalene	15.13	128	248	8.600	ug/l	#	69

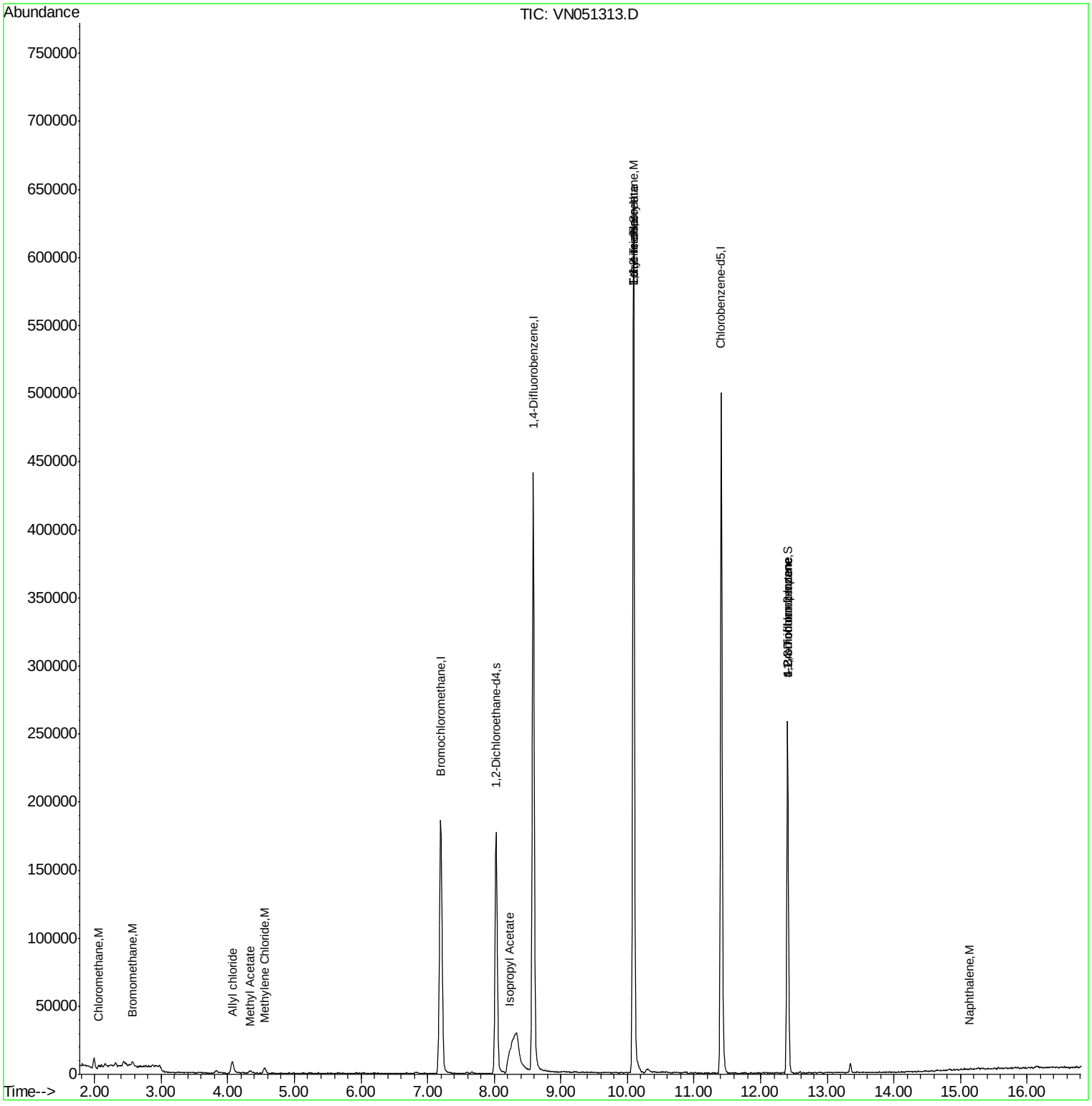
(#) = qualifier out of range (m) = manual integration (+) = signals summed

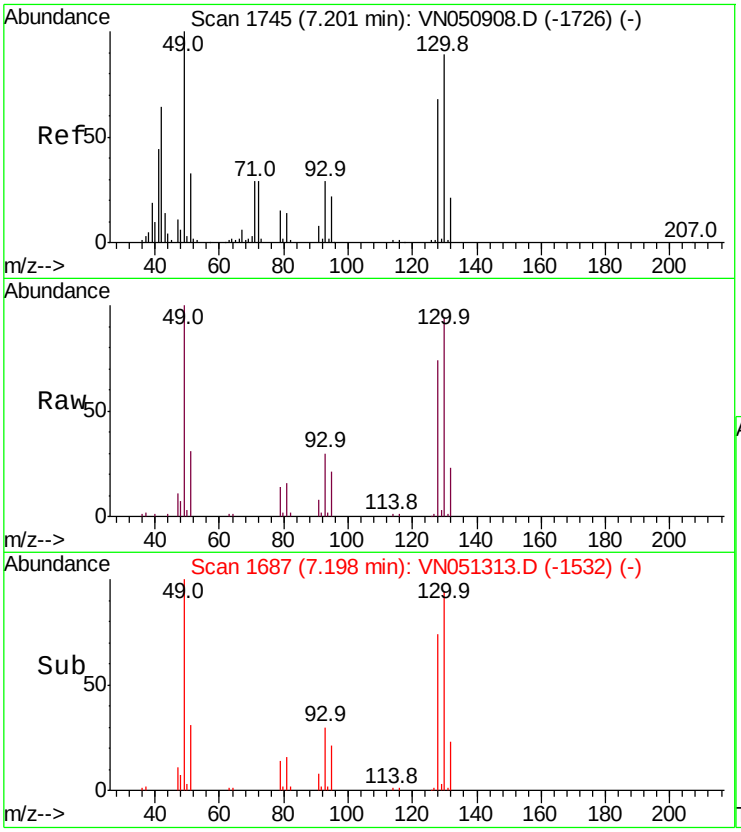
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091918\
Data File : VN051313.D
Acq On : 19 Sep 2018 12:47
Operator : MD\SY
Sample : J4907-17
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 19 16:01:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration



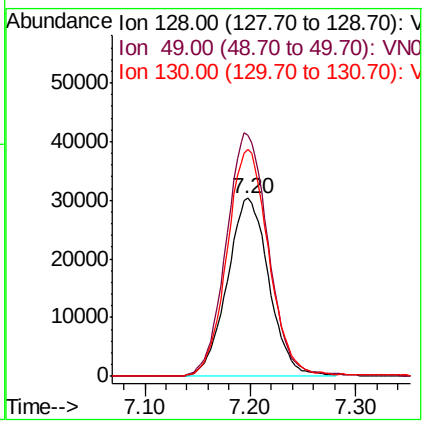


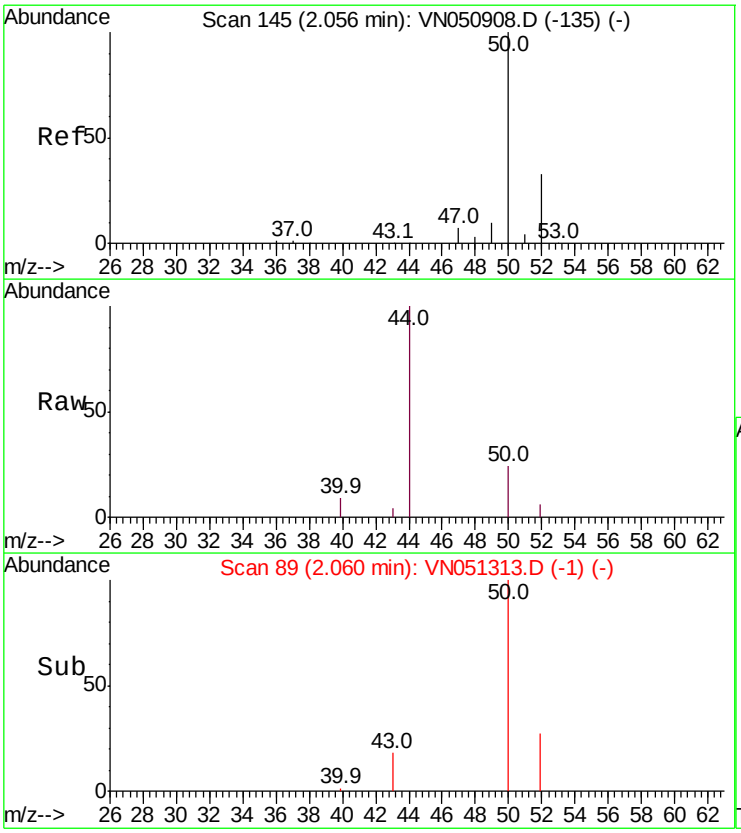
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 83349

Ion	Ratio	Lower	Upper
128	100		
49	137.0	0.0	380.3
130	127.1	0.0	325.3

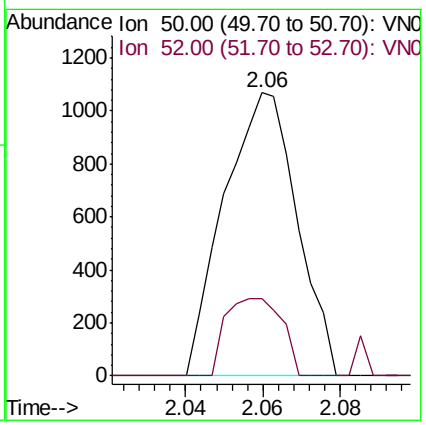


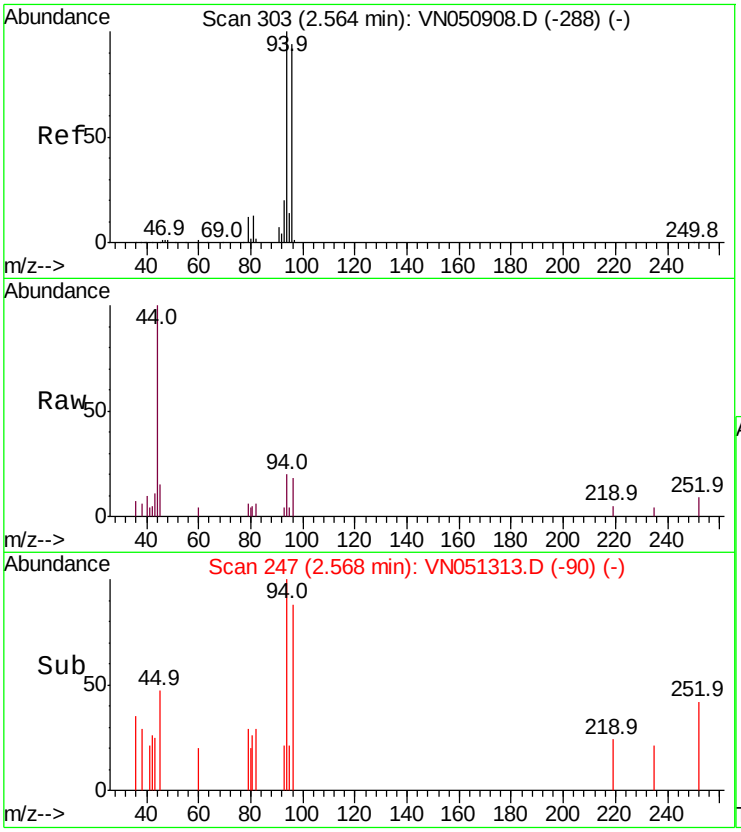


#3
Chloromethane
Concen: 0.229 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Tgt Ion: 50 Resp: 1397

Ion	Ratio	Lower	Upper
50	100		
52	27.2	26.2	39.4



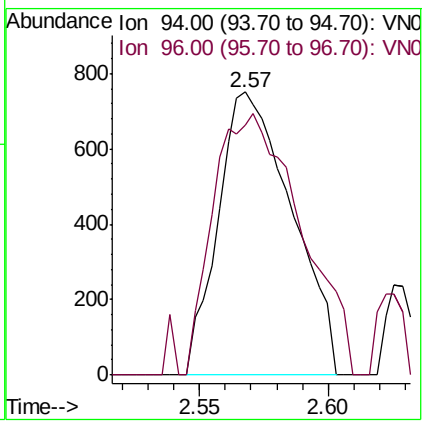


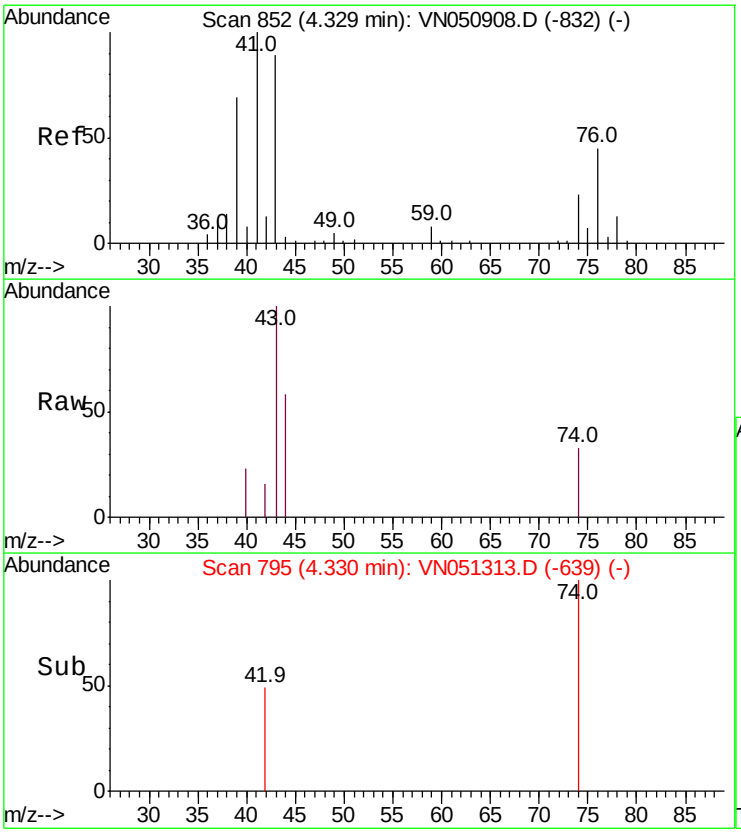
#5
Bromomethane
Concen: 0.406 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 1496

Ion	Ratio	Lower	Upper
94	100		
96	88.3	74.9	112.3

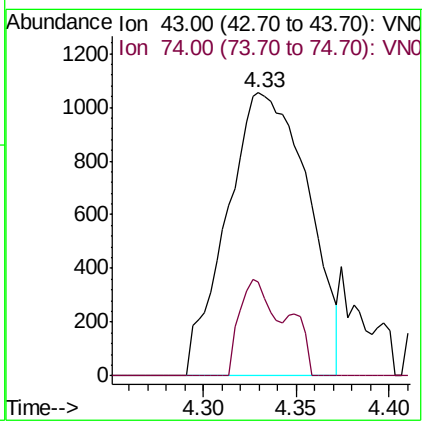


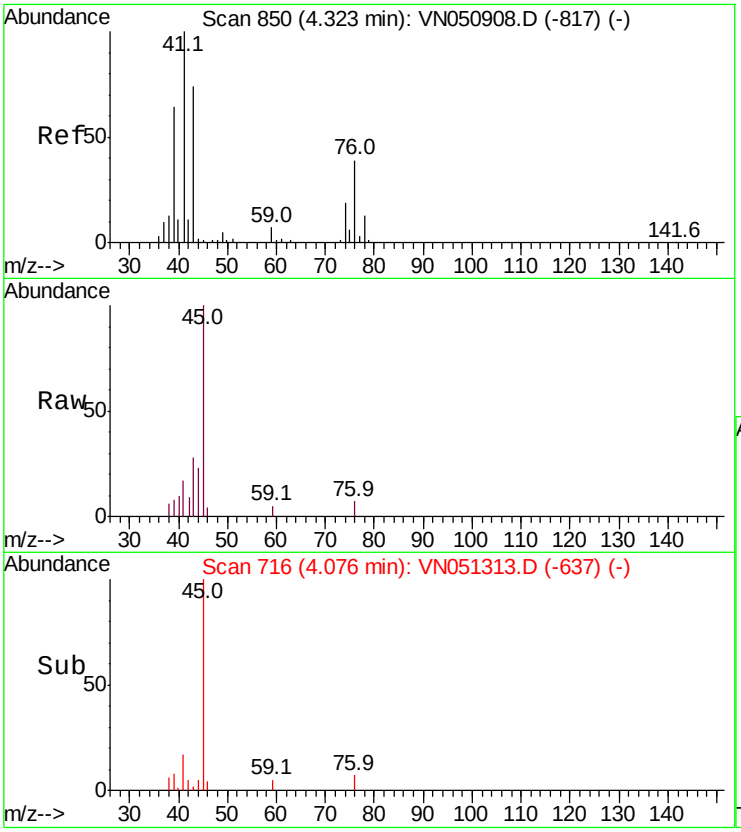


#12
Methyl Acetate
Concen: 0.616 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Tgt Ion: 43 Resp: 3210

Ion	Ratio	Lower	Upper
43	100		
74	38.2	20.6	31.0#



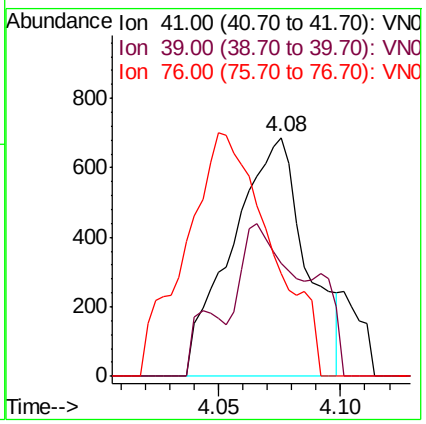


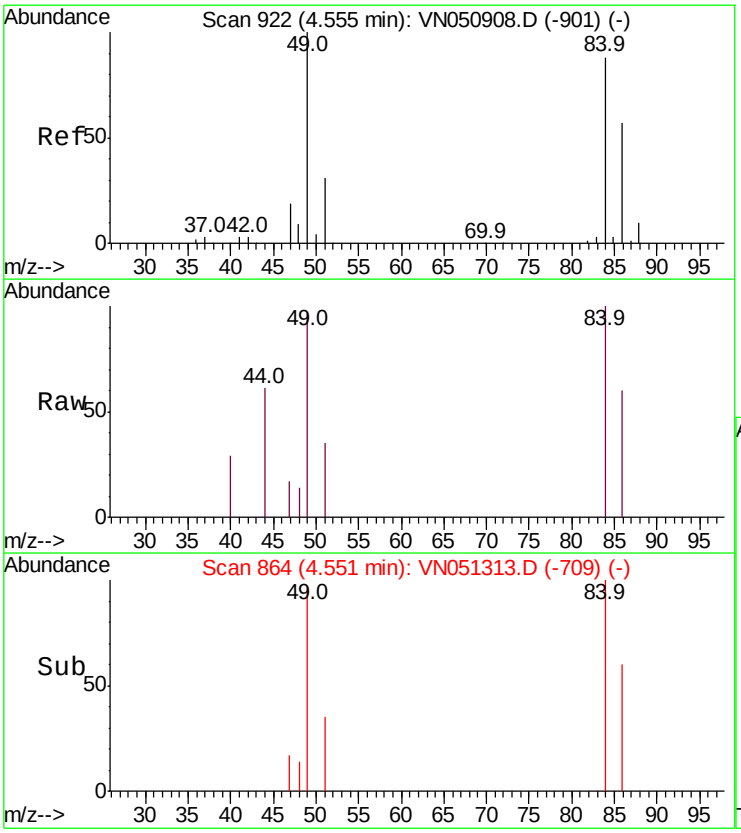
#17
Allyl chloride
Concen: 0.205 ug/l
RT: 4.08 min Scan# 716
Delta R.T. -0.25 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 1451

Ion	Ratio	Lower	Upper
41	100		
39	47.1	32.2	96.6
76	43.0	19.6	58.7

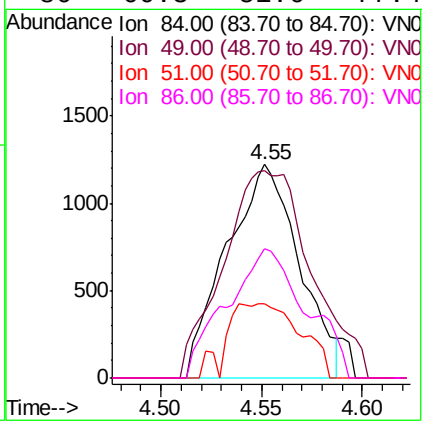


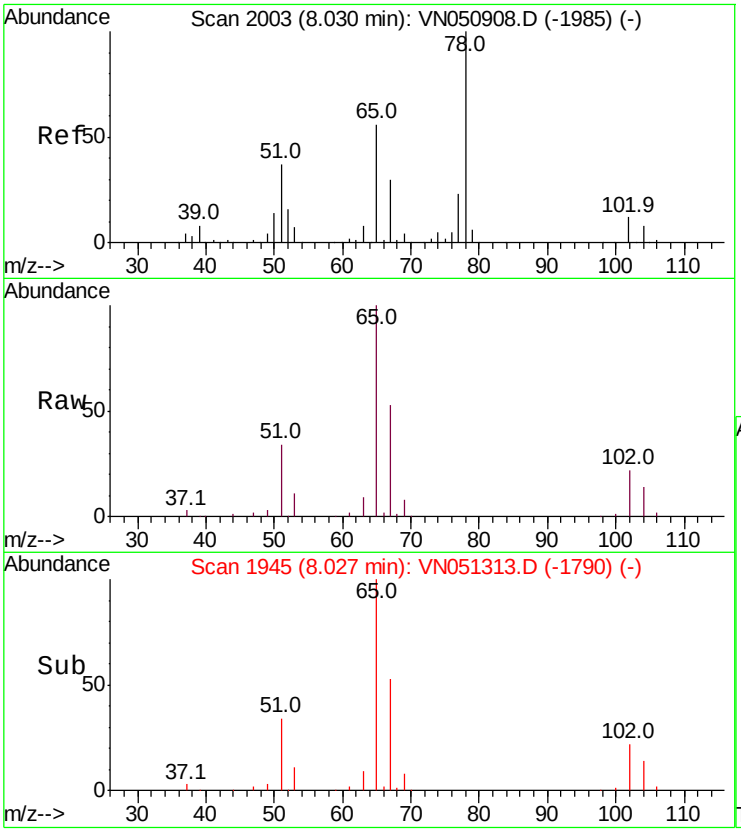


#18
Methylene Chloride
Concen: 0.582 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Tgt Ion: 84 Resp: 3075

Ion	Ratio	Lower	Upper
84	100		
49	81.5	90.6	135.8#
51	34.9	28.4	42.6
86	60.3	51.6	77.4



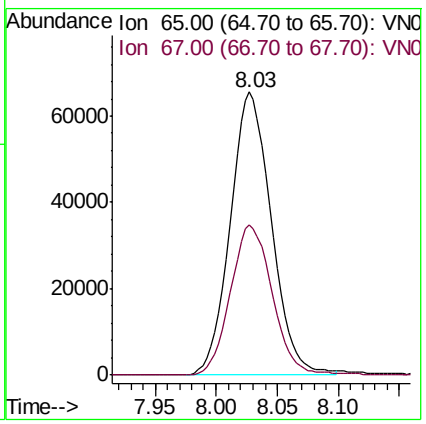


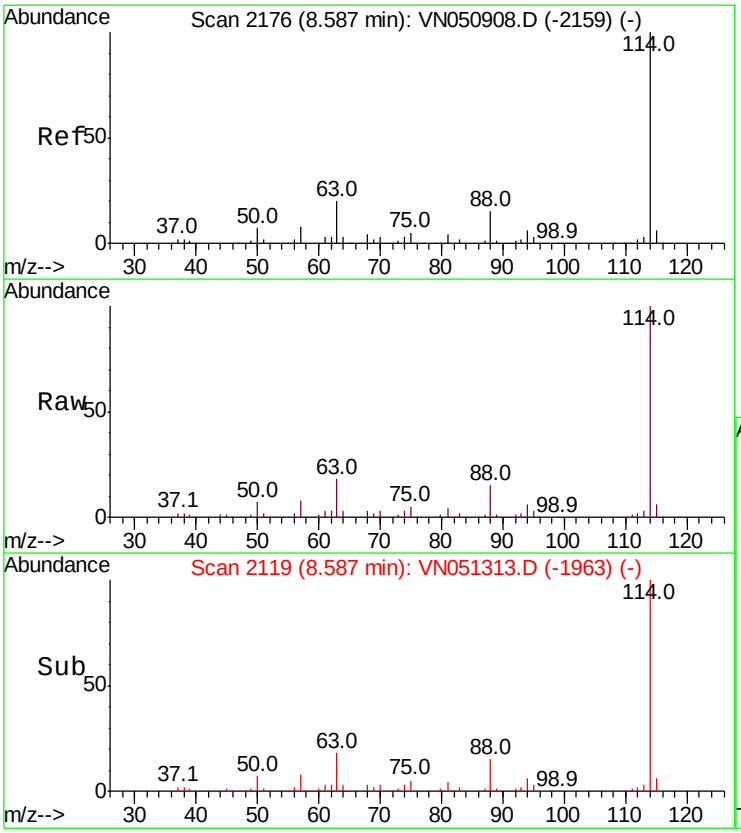
#27
1,2-Dichloroethane-d4
Concen: 28.828 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 153332

Ion	Ratio	Lower	Upper
65	100		
67	54.2	43.7	65.5

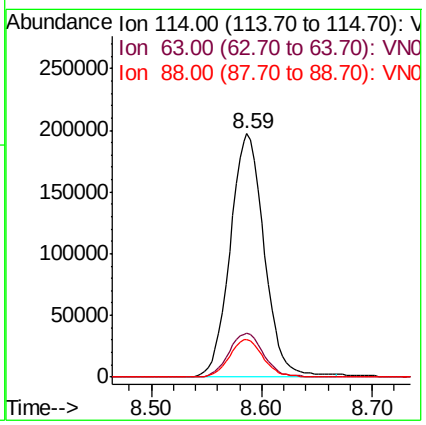


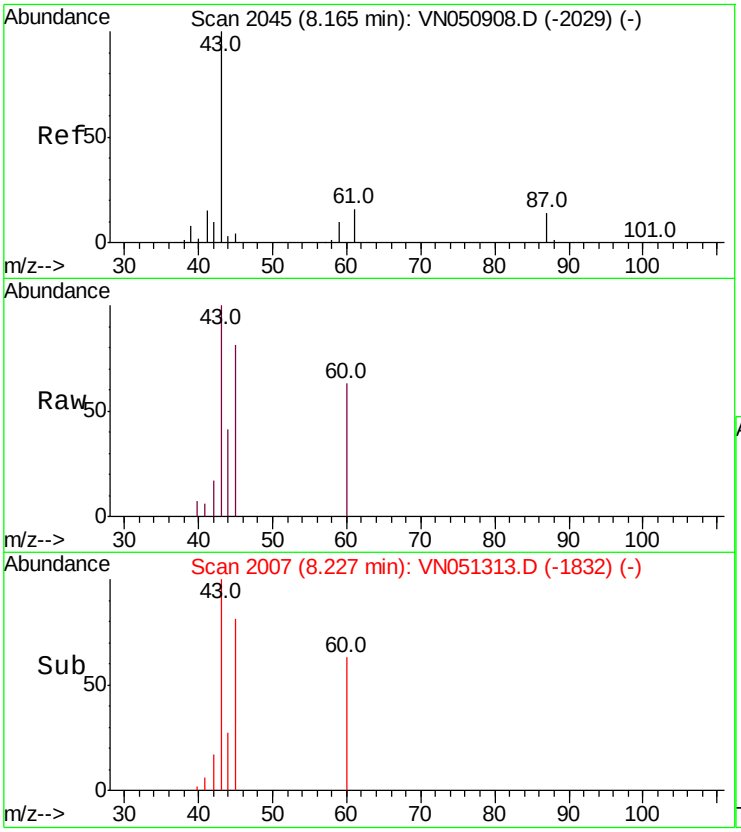


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Tgt Ion:114 Resp: 422233

Ion	Ratio	Lower	Upper
114	100		
63	18.4	15.6	23.4
88	15.3	12.2	18.4



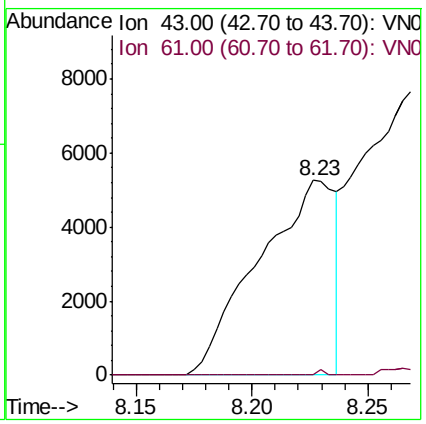


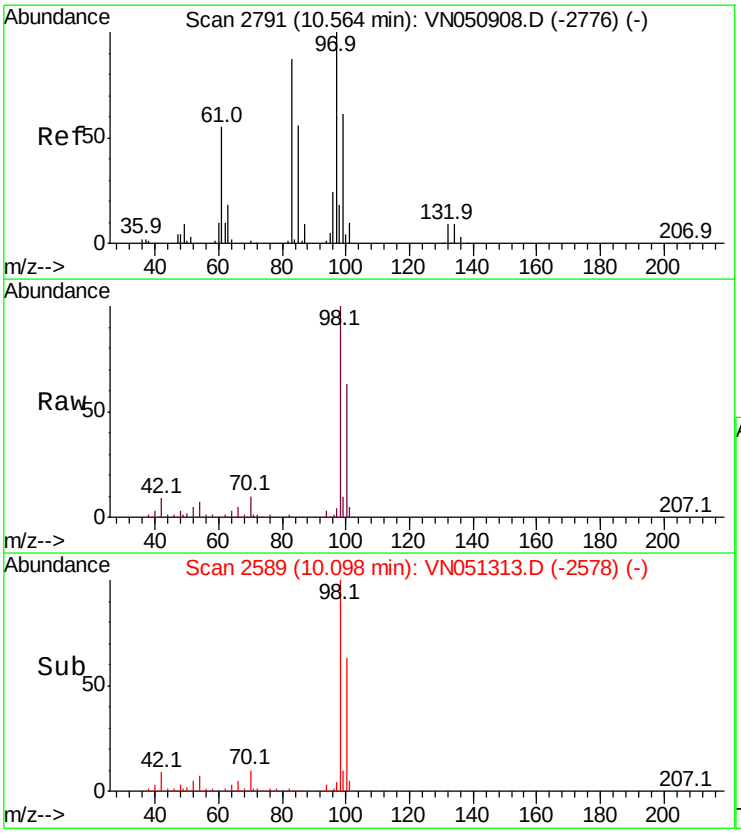
#44
Isopropyl Acetate
Concen: 1.718 ug/l
RT: 8.23 min Scan# 2007
Delta R.T. 0.06 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 12077

Ion	Ratio	Lower	Upper
43	100		
61	0.8	16.3	24.5#

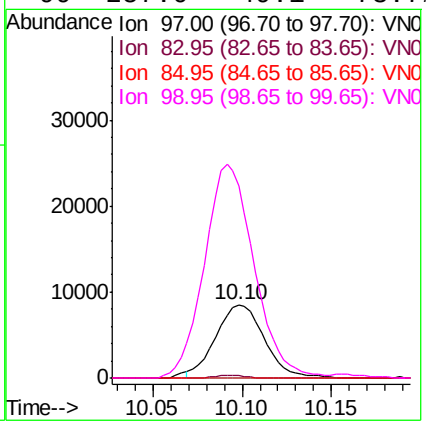


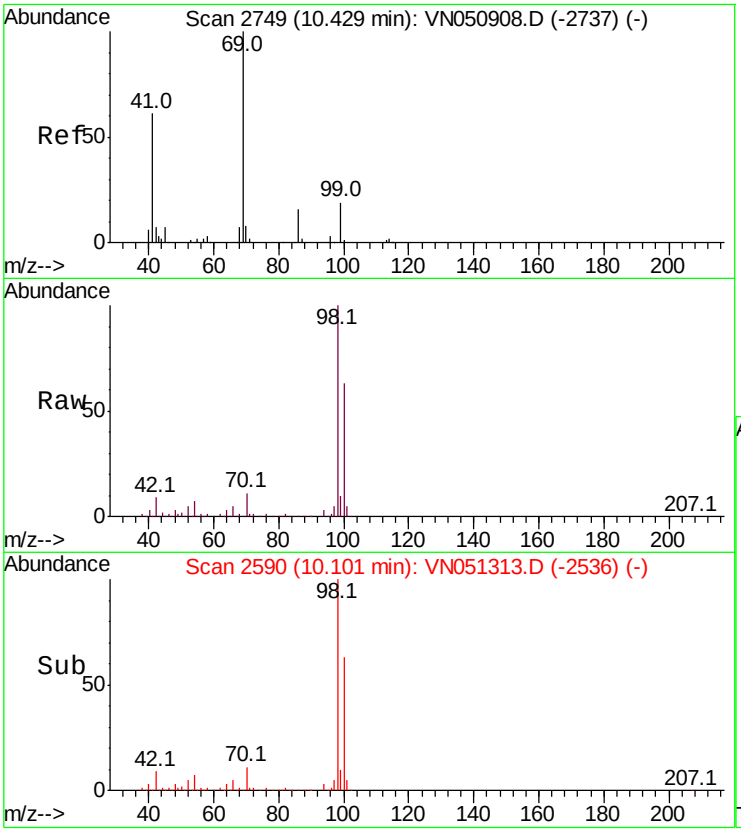


#50
1,1,2-Trichloroethane
Concen: 3.611 ug/l
RT: 10.10 min Scan# 2589
Delta R.T. -0.47 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Tgt Ion: 97 Resp: 16141

Ion	Ratio	Lower	Upper
97	100		
83	2.8	69.8	104.6#
85	0.0	45.0	67.6#
99	257.0	49.1	73.7#



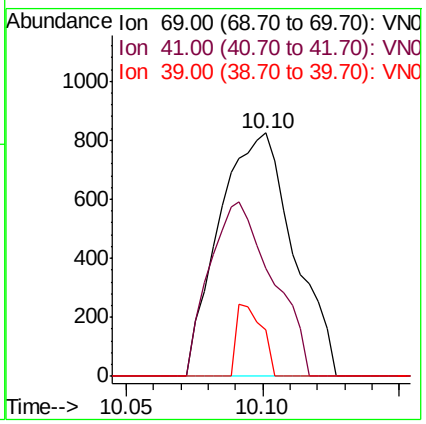


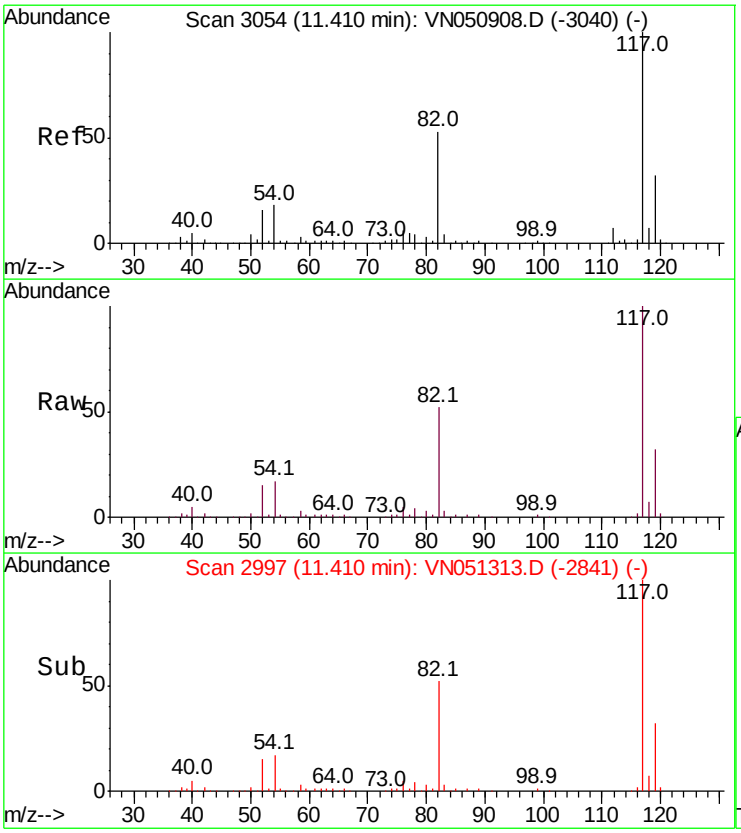
#51
Ethyl methacrylate
Concen: 0.285 ug/l
RT: 10.10 min Scan# 2590
Delta R.T. -0.33 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 1559

Ion	Ratio	Lower	Upper
69	100		
41	44.4	30.5	91.5
39	19.0	15.3	45.8

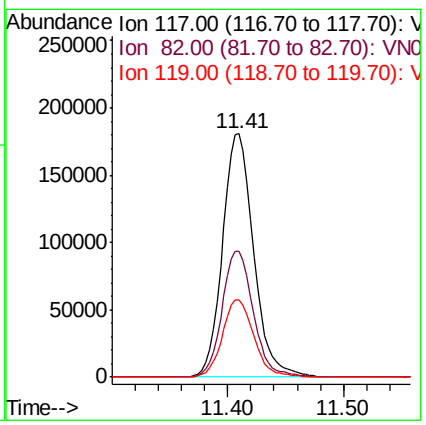


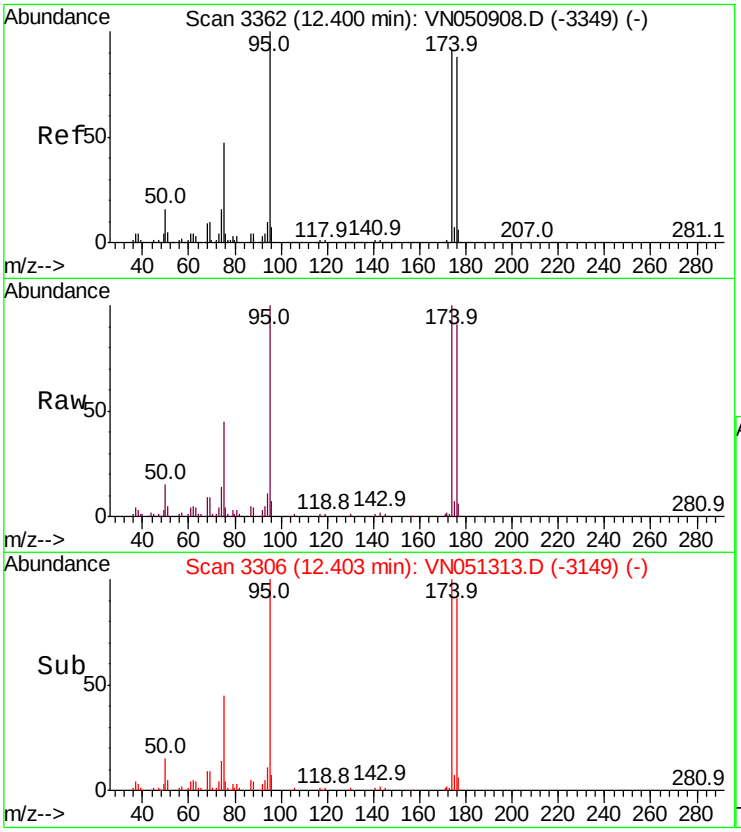


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Tgt Ion:117 Resp: 336663

Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	64.0
119	32.2	25.7	38.5



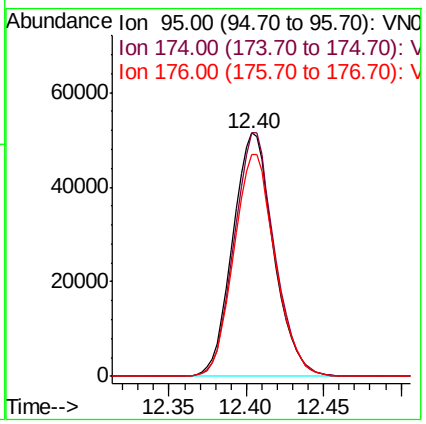


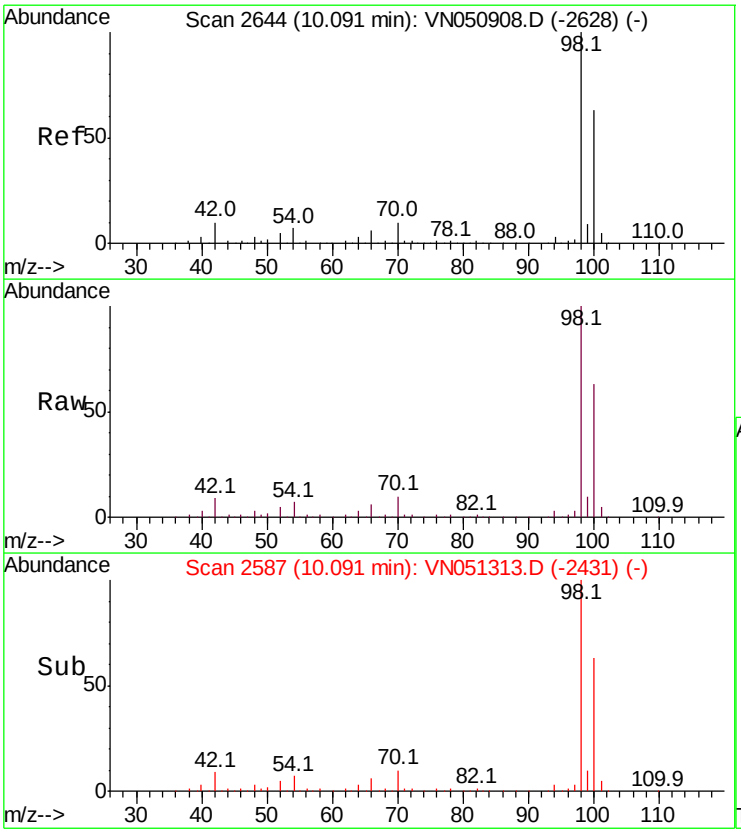
#60
4-Bromofluorobenzene
Concen: 18.829 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 94265

Ion	Ratio	Lower	Upper
95	100		
174	98.7	74.6	112.0
176	92.4	71.5	107.3

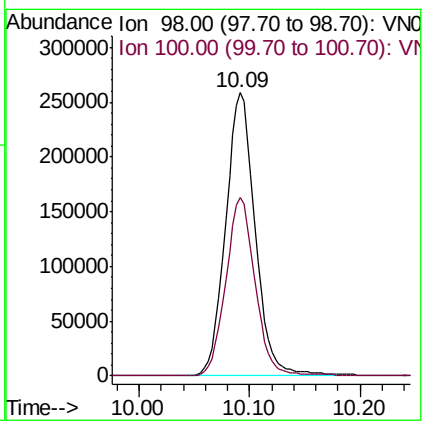


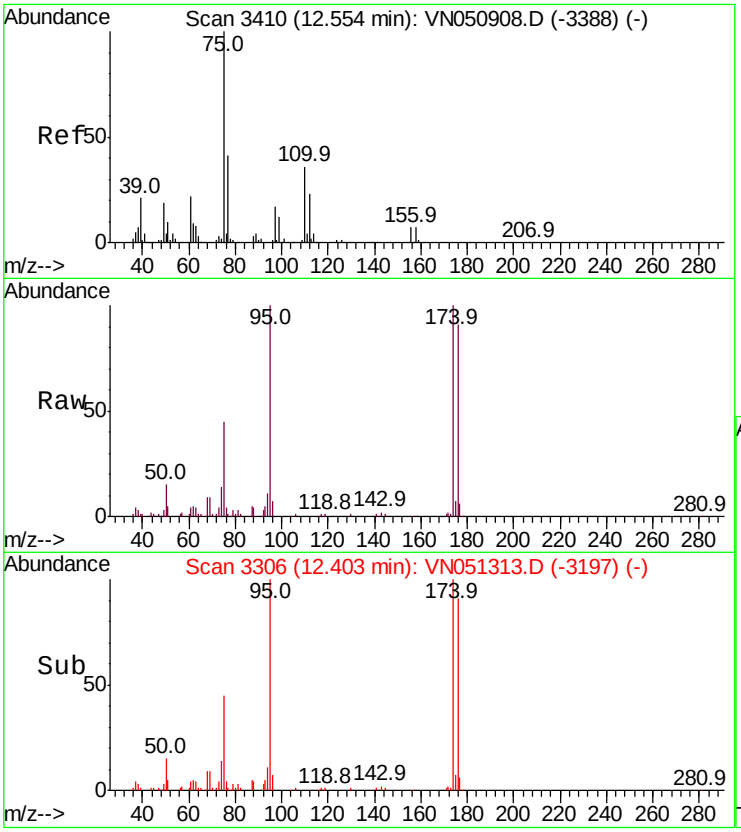


#63
Toluene-d8
Concen: 30.593 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Tgt Ion: 98 Resp: 480300

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.6	75.8



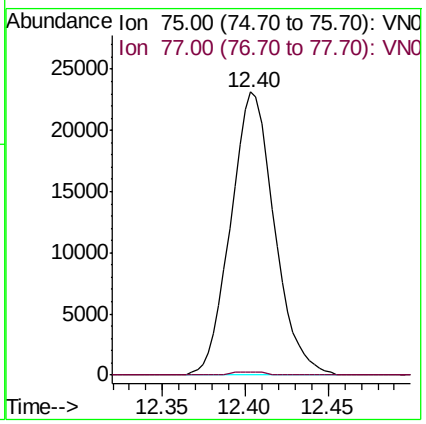


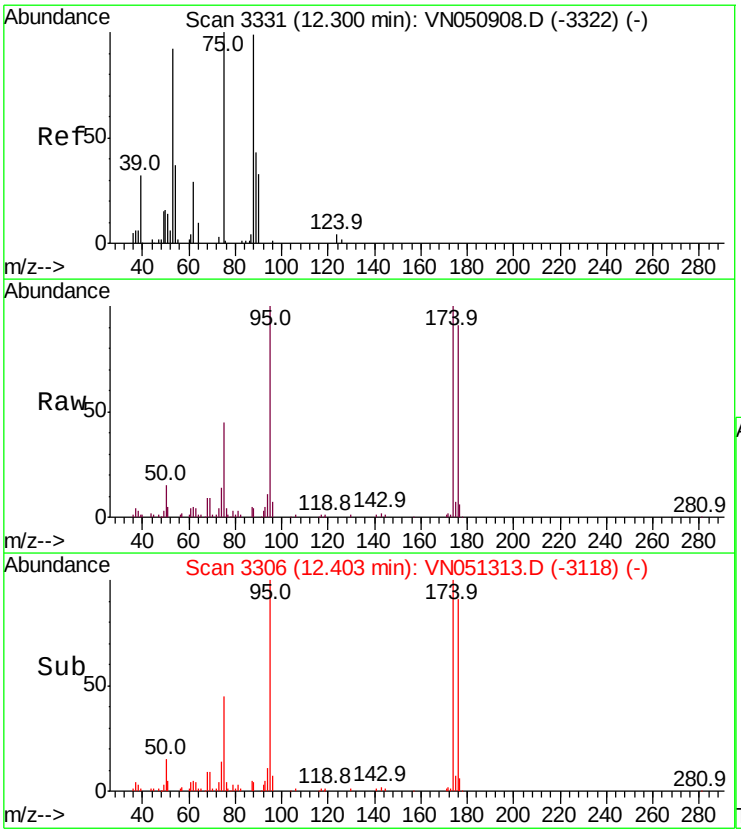
#72
1,2,3-Trichloropropane
Concen: 9.576 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 42515

Ion	Ratio	Lower	Upper
75	100		
77	0.8	0.0	301.6

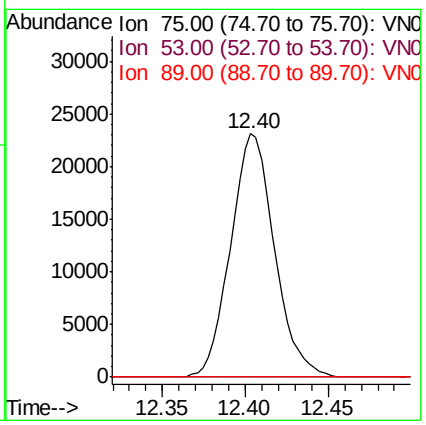


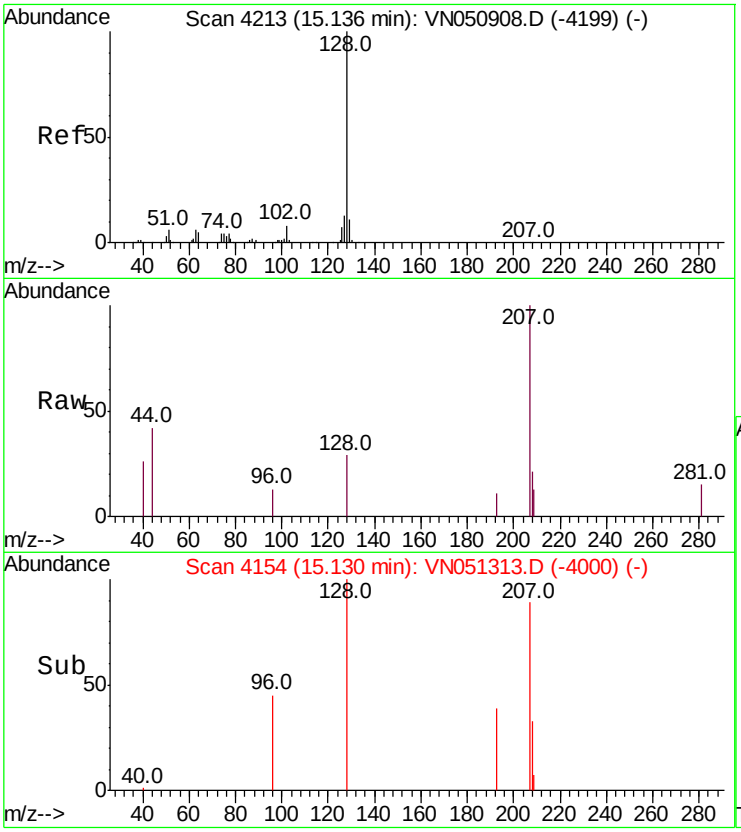


#77
t-1,4-Dichloro-2-butene
Concen: 33.614 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Tgt Ion: 75 Resp: 42515

Ion	Ratio	Lower	Upper
75	100		
53	0.0	45.5	136.4#
89	0.0	21.9	65.8#





#91
Naphthalene
Concen: 8.600 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.01 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 248

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.7	13.1#