Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052584.D
Acq On : 30 Nov 2018 00:37
Operator : MD\SY
Sample : J6144-02 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 14B-2

Quant Time: Nov 30 04:03:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	170981	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	973948	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	795392	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	349445	29.99	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.97%				
60) 4-Bromofluorobenzene	12.40	95	319503	26.27	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 87.57%				
63) Toluene-d8	10.09	98	1118516	30.33	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.10%				
Target Compounds							Qvalue
13) Acrolein	3.62	56	340	0.355	ug/l		87
15) Acetone	3.82	58	277	0.308	ug/l		76
25) Chloroform	7.37	83	2734663	141.531	ug/l		100
33) Carbon Tetrachloride	7.37	117	31455	2.323	ug/l		94
40) Dibromomethane	9.40	93	8498	1.312	ug/l	#	3
41) Bromodichloromethane	9.40	83	278438	19.456	ug/l		98
45) 1,4-Dioxane	9.39	88	95	1.170	ug/l	#	1
50) 1,1,2-Trichloroethane	10.10	97	31961	3.481	ug/l	#	1
51) Ethyl methacrylate	10.10	69	3356	0.291	ug/l		94
52) 1,3-Dichloropropane	10.37	76	4439	0.272	ug/l	#	42
53) Dibromochloromethane	10.90	129	12429	1.230	ug/l		100
56) Bromoform	12.40	173	2412	0.365	ug/l	#	1
77) t-1,4-Dichloro-2-butene	12.40	75	151755	56.582	ug/l	#	11

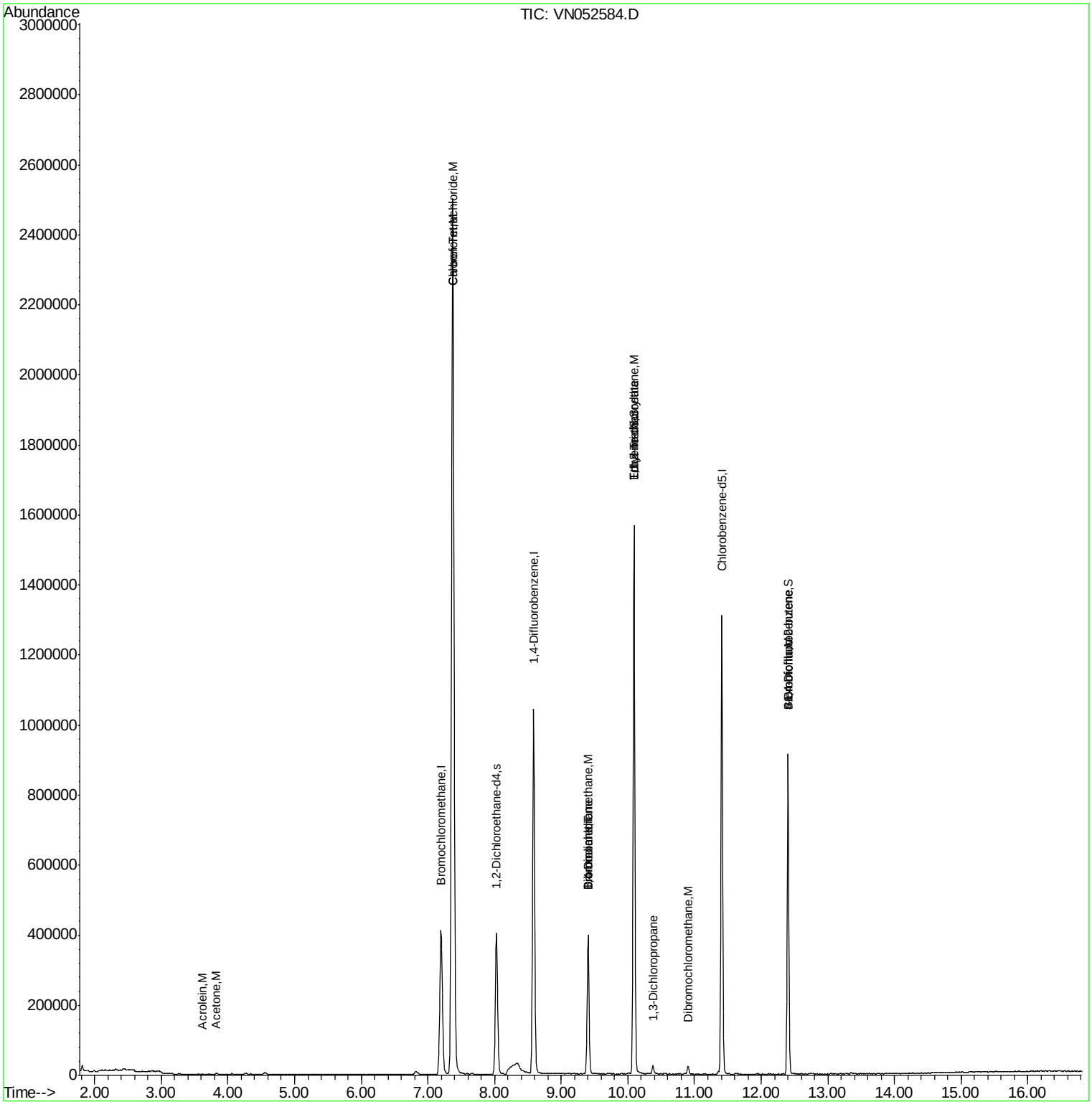
(#) = qualifier out of range (m) = manual integration (+) = signals summed

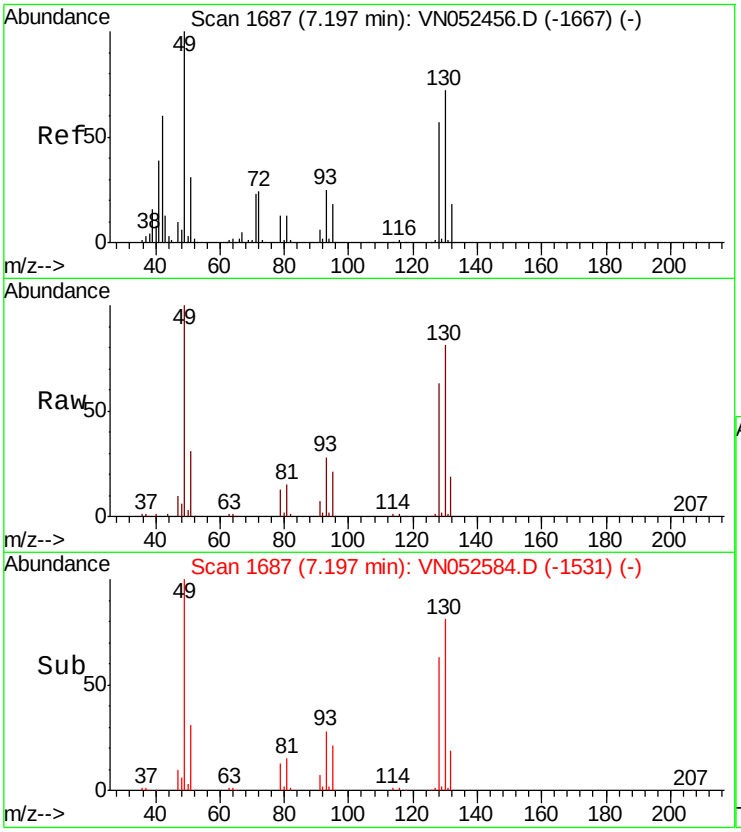
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052584.D
Acq On : 30 Nov 2018 00:37
Operator : MD\SY
Sample : J6144-02 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Quant Time: Nov 30 04:03:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
Response via : Initial Calibration



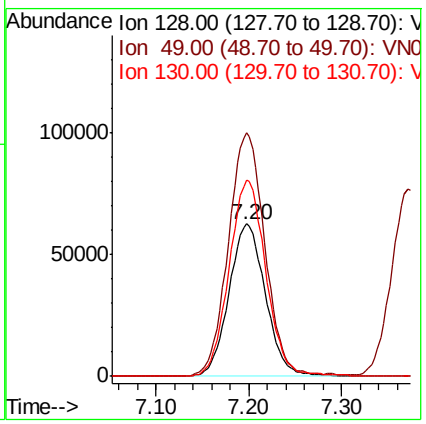


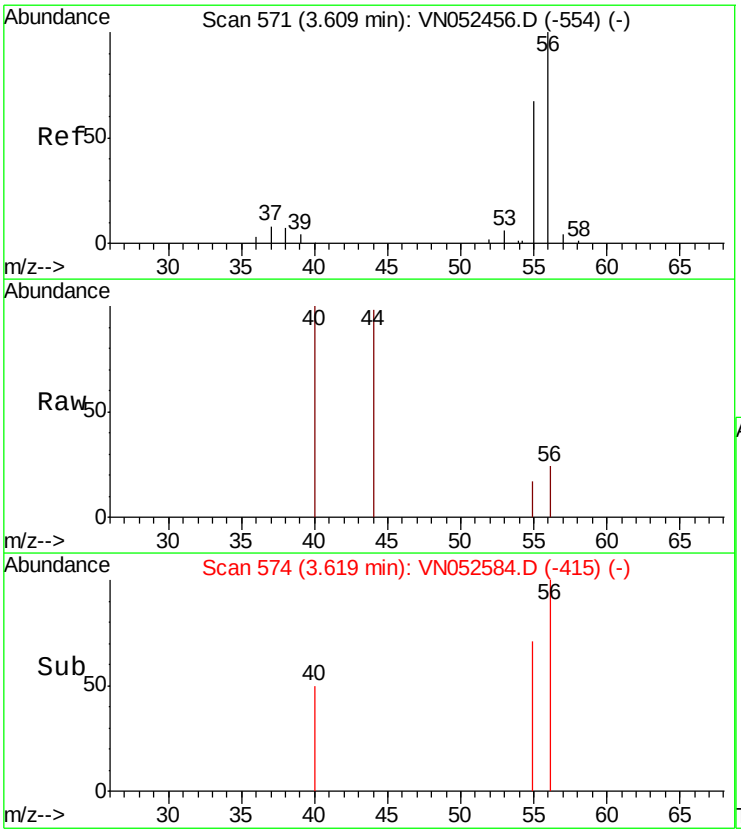
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument : MSVOA_N
ClientSampleId : 14B-2

Tgt Ion:128 Resp: 170981

Ion	Ratio	Lower	Upper
128	100		
49	159.7	0.0	431.8
130	129.5	0.0	317.0

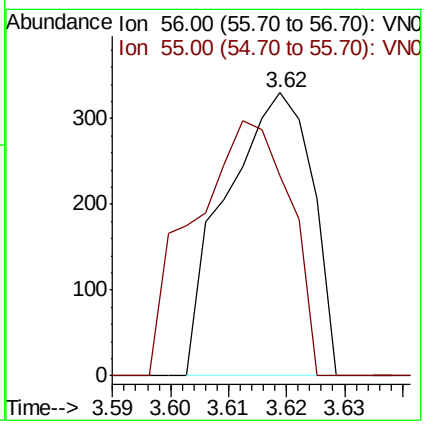


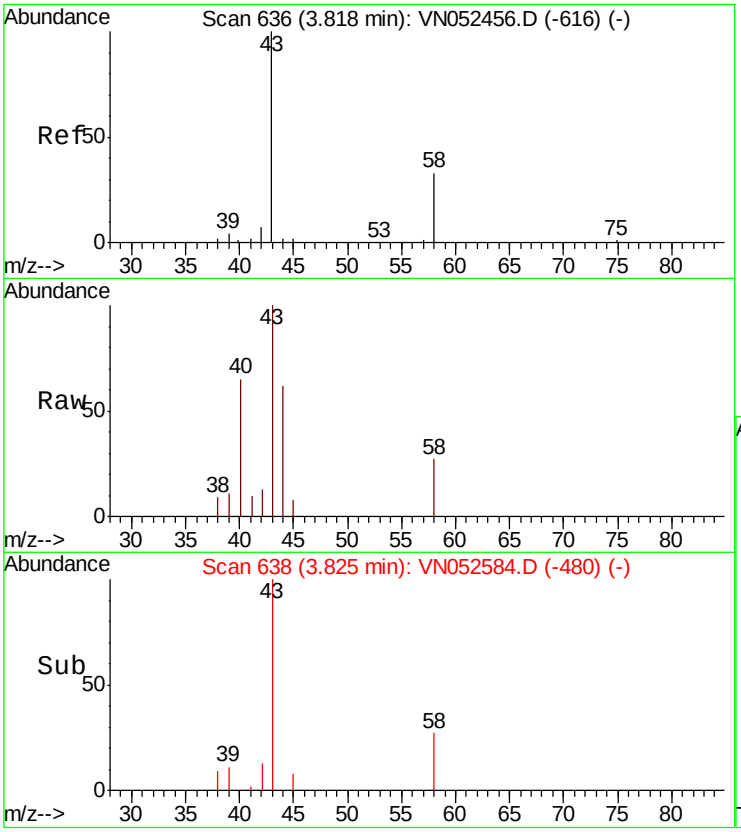


#13
Acrolein
Concen: 0.355 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Tgt Ion: 56 Resp: 340

Ion	Ratio	Lower	Upper
56	100		
55	81.5	56.7	85.1



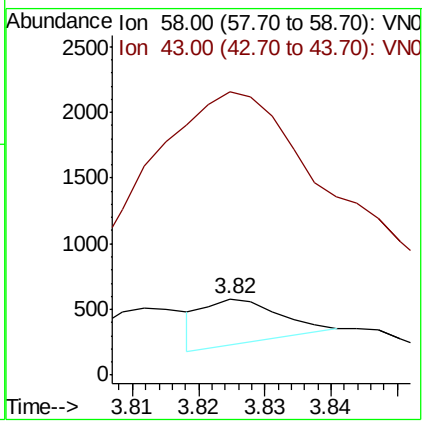


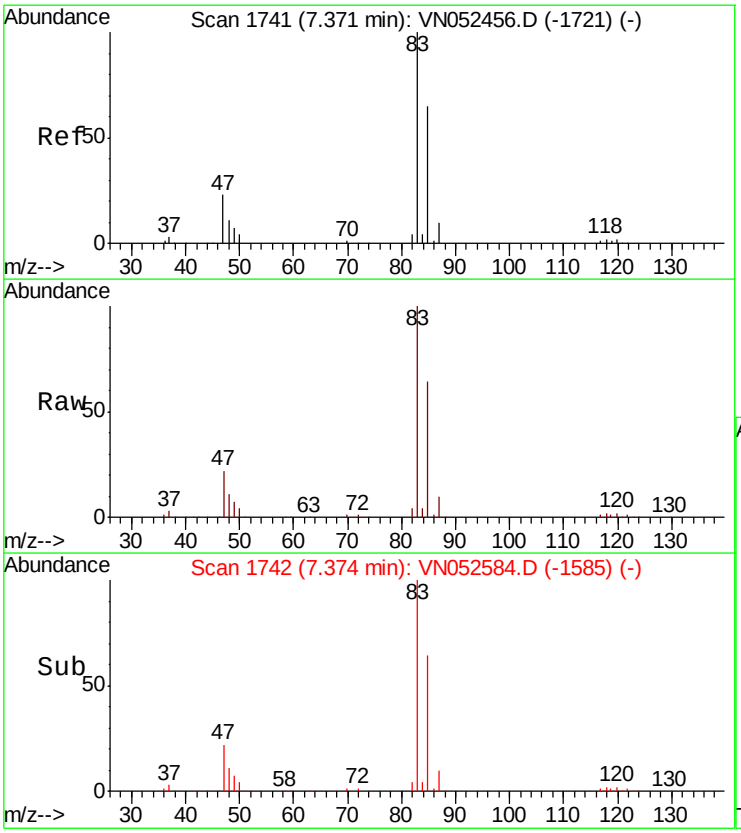
#15
Acetone
Concen: 0.308 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 58 Resp: 277

Ion	Ratio	Lower	Upper
58	100		
43	352.9	243.6	365.4

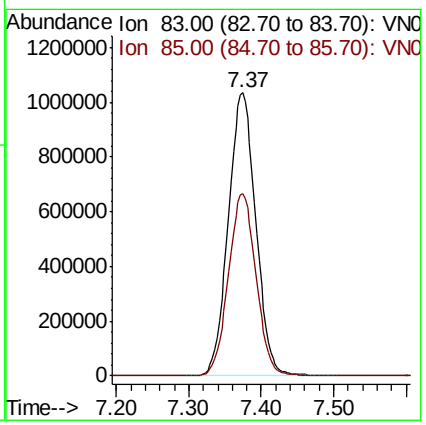


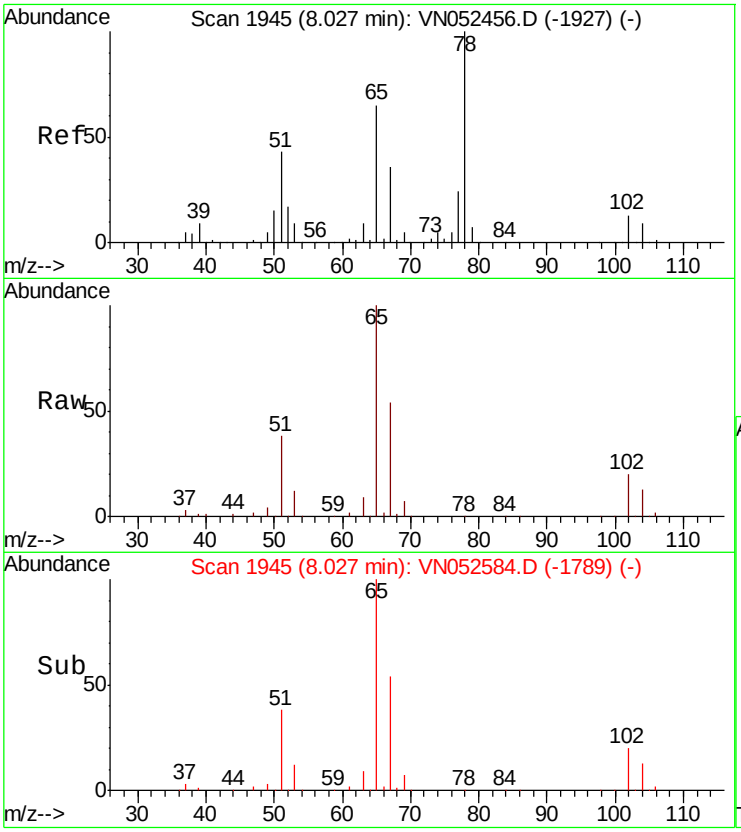


#25
Chloroform
Concen: 141.531 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Tgt Ion: 83 Resp: 2734663

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.7	77.5



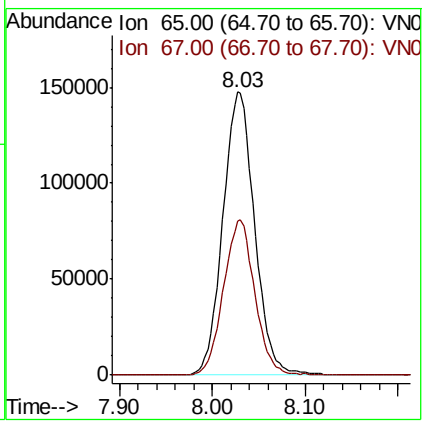


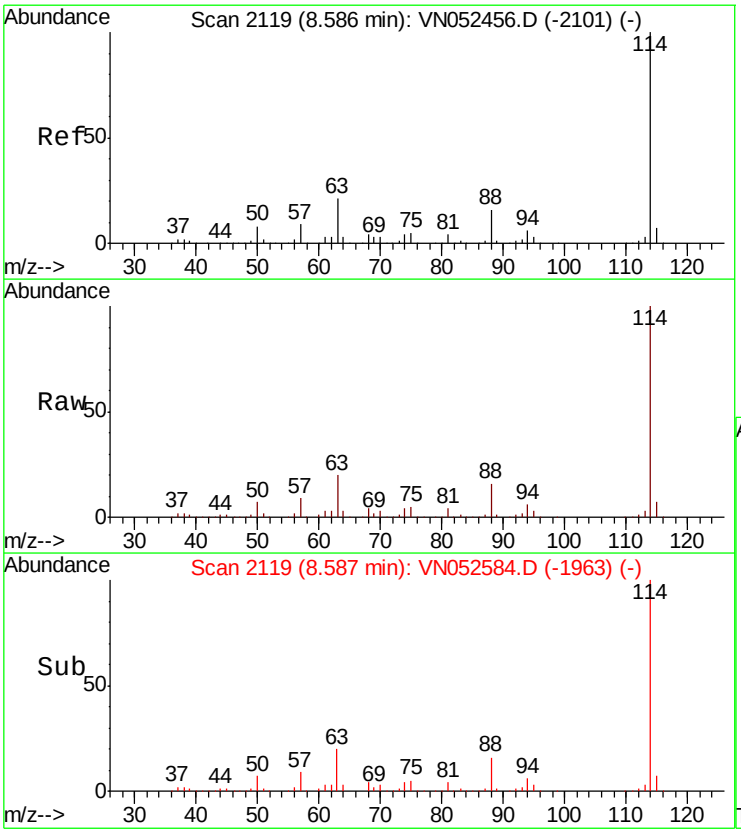
#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 65 Resp: 349445

Ion	Ratio	Lower	Upper
65	100		
67	54.0	44.6	66.8

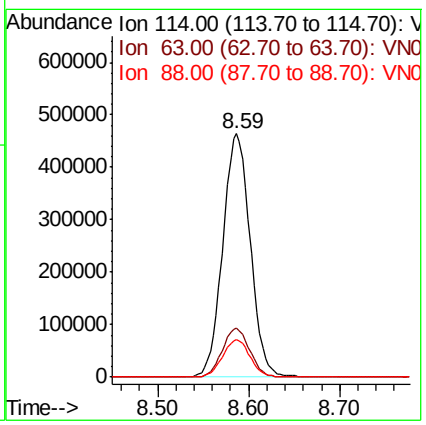


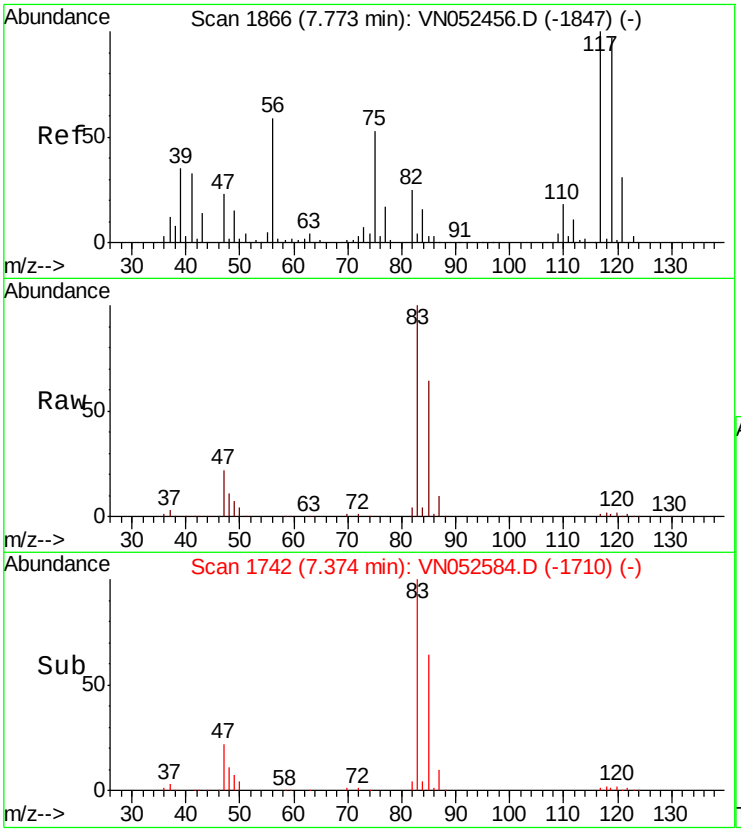


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Tgt Ion:114 Resp: 973948

Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.9	25.3
88	15.3	12.8	19.2



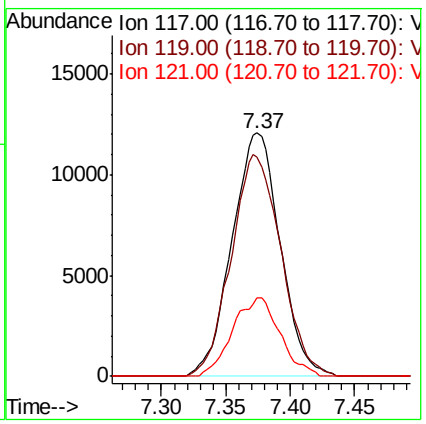


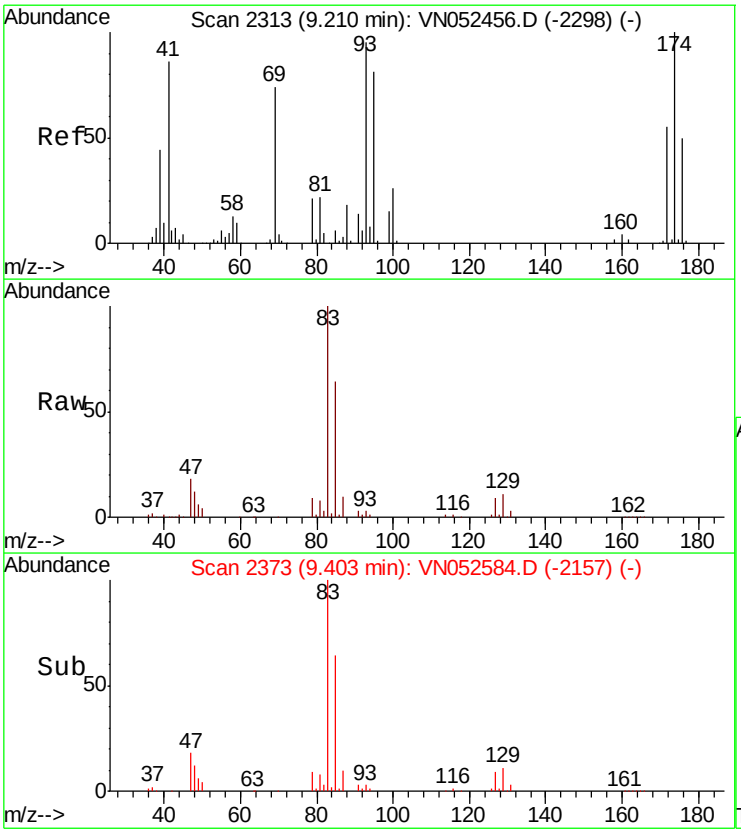
#33
Carbon Tetrachloride
Concen: 2.323 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.40 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion:117 Resp: 31455

Ion	Ratio	Lower	Upper
117	100		
119	89.8	77.3	115.9
121	32.0	24.9	37.3

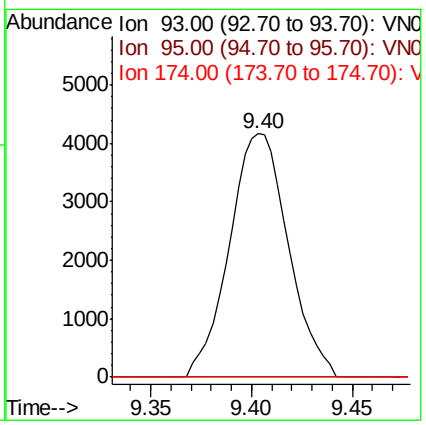


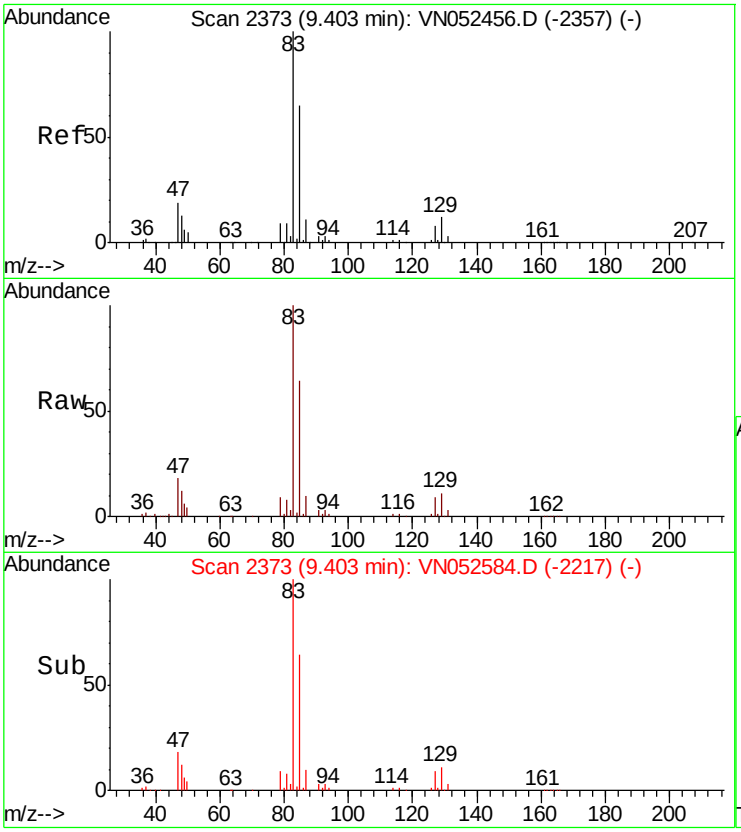


#40
Dibromomethane
Concen: 1.312 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.19 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Tgt Ion: 93 Resp: 8498

Ion	Ratio	Lower	Upper
93	100		
95	1.3	0.0	168.4
174	0.0	0.0	210.0



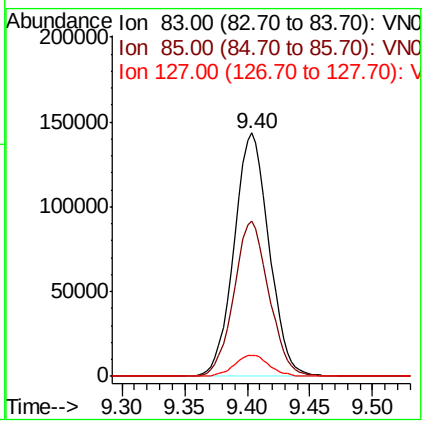


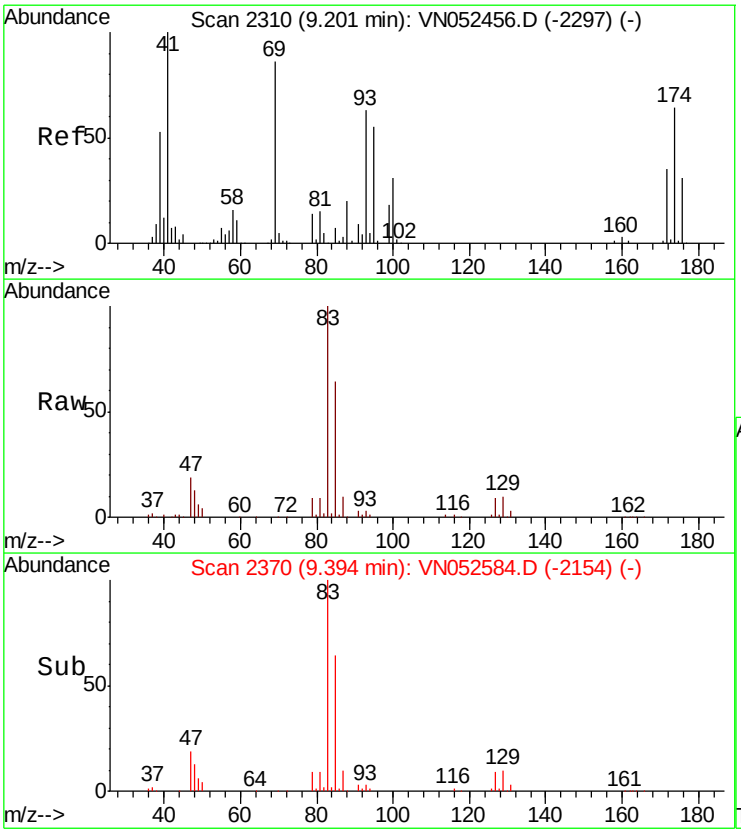
#41
Bromodichloromethane
Concen: 19.456 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 83 Resp: 278438

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.4	78.6
127	8.7	6.6	9.8

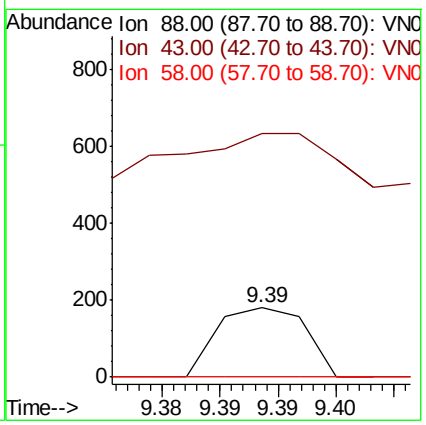


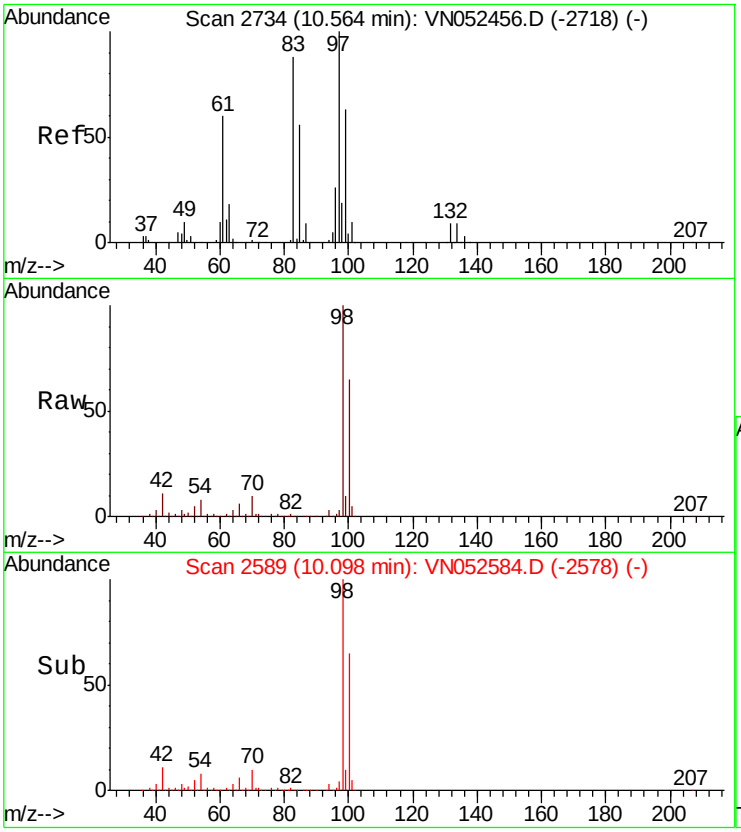


#45
1,4-Dioxane
Concen: 1.170 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.19 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Tgt Ion: 88 Resp: 95

Ion	Ratio	Lower	Upper
88	100		
43	242.1	29.5	44.3#
58	0.0	61.5	92.3#



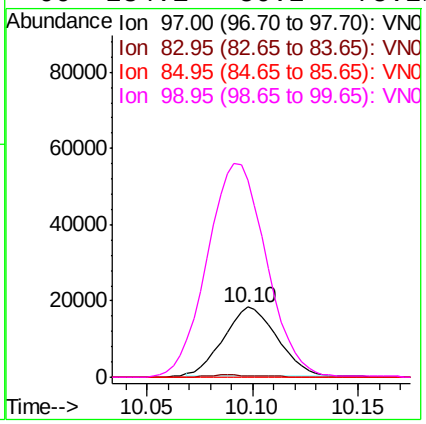


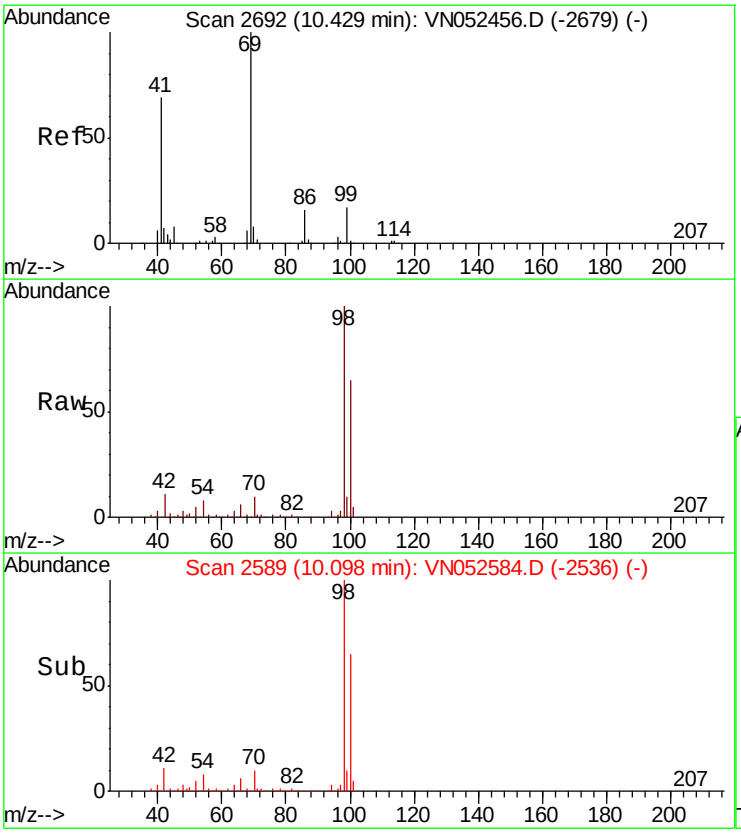
#50
1,1,2-Trichloroethane
Concen: 3.481 ug/l
RT: 10.10 min Scan# 2589
Delta R.T. -0.47 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument : MSVOA_N
ClientSampleId : 14B-2

Tgt Ion: 97 Resp: 31961

Ion	Ratio	Lower	Upper
97	100		
83	2.3	70.4	105.6#
85	0.0	45.0	67.6#
99	284.1	50.2	75.2#

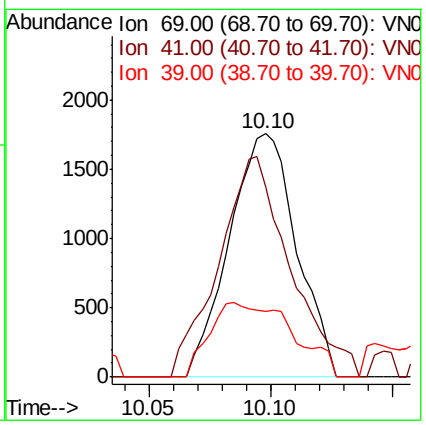


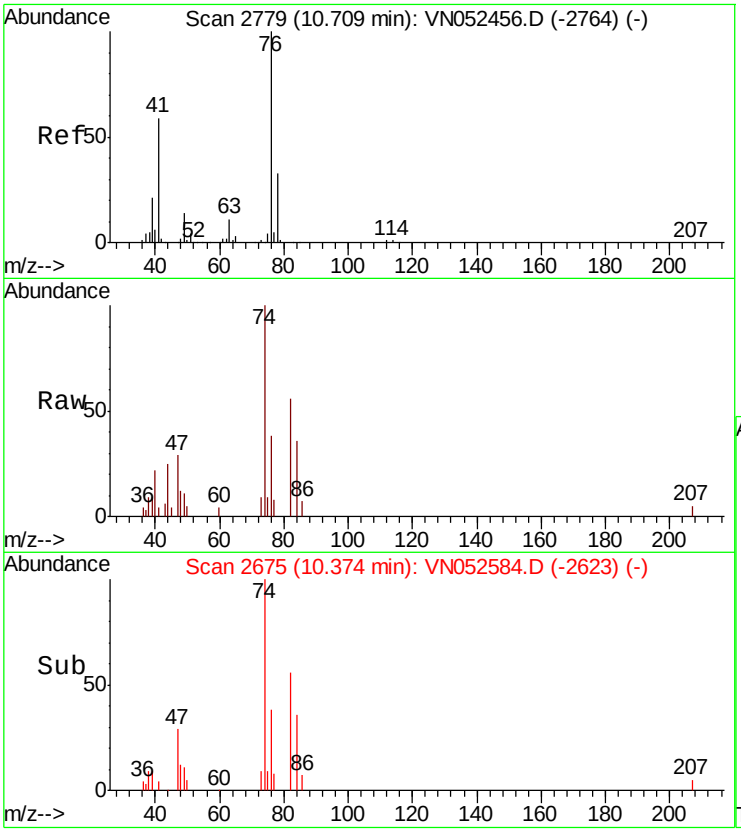


#51
Ethyl methacrylate
Concen: 0.291 ug/l
RT: 10.10 min Scan# 2589
Delta R.T. -0.33 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Tgt Ion: 69 Resp: 3356

Ion	Ratio	Lower	Upper
69	100		
41	65.3	34.4	103.3
39	26.8	16.4	49.2



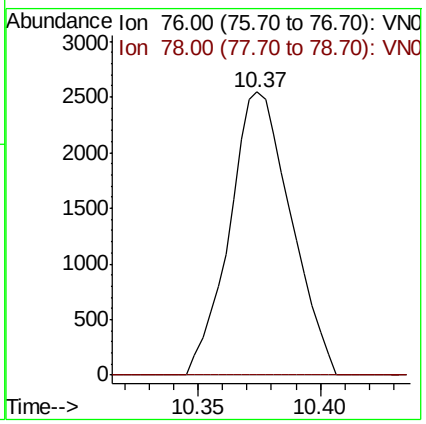


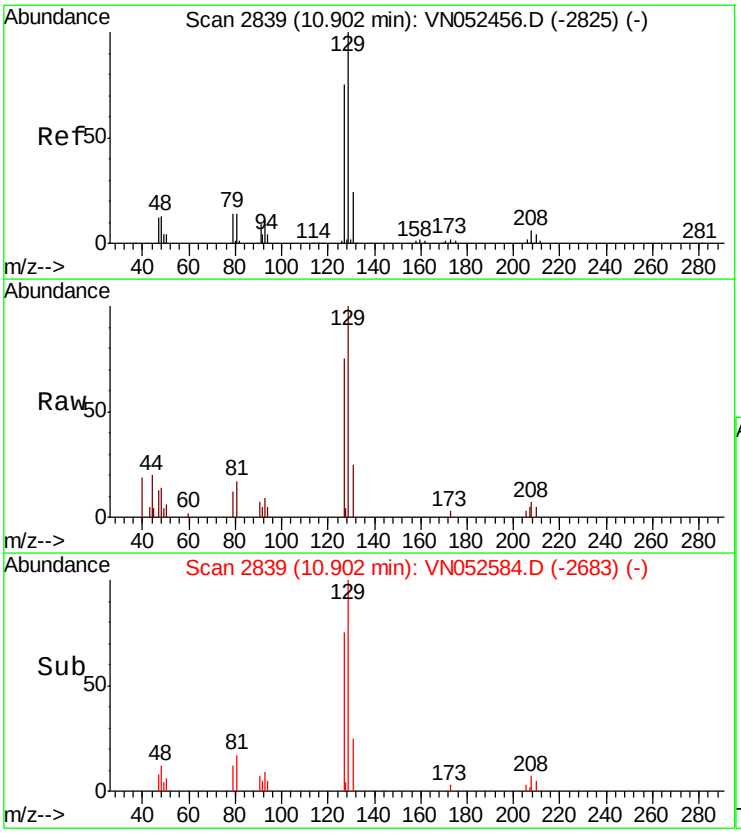
#52
1,3-Dichloropropane
Concen: 0.272 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.33 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument : MSVOA_N
ClientSampleId : 14B-2

Tgt Ion: 76 Resp: 4439

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	64.8

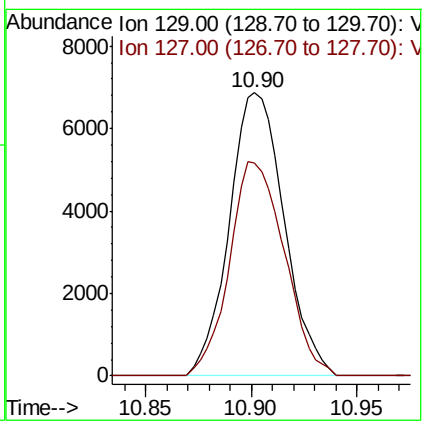


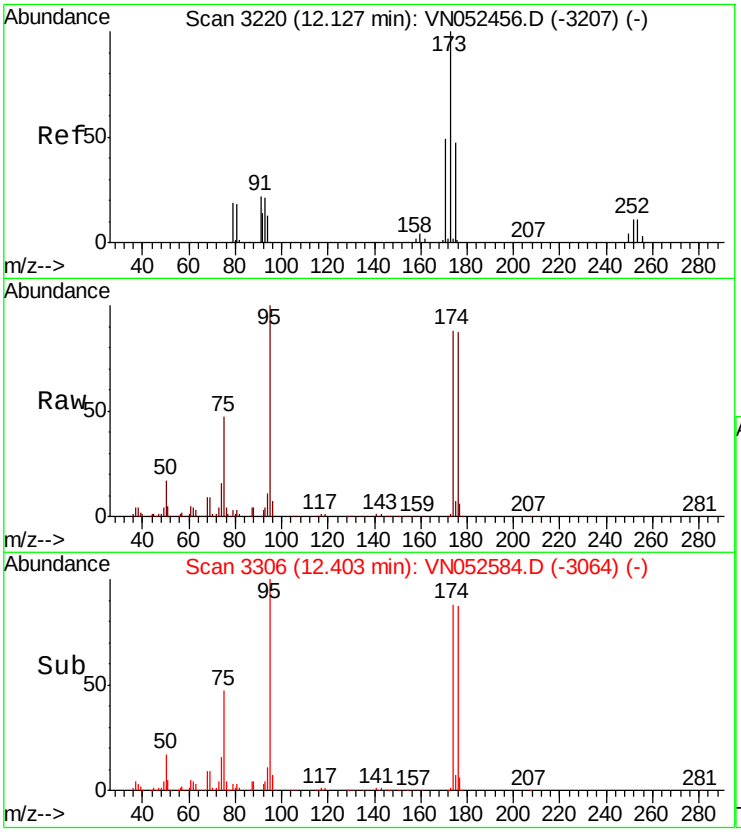


#53
Dibromochloromethane
Concen: 1.230 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Tgt Ion:129 Resp: 12429

Ion	Ratio	Lower	Upper
129	100		
127	75.6	37.6	112.8



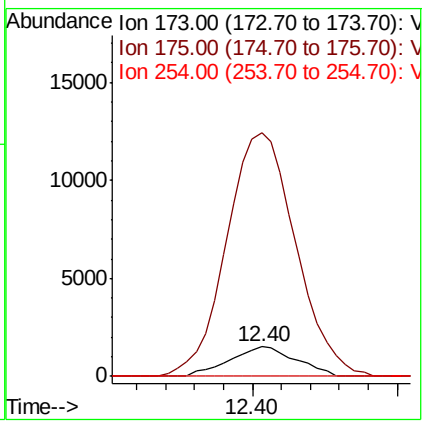


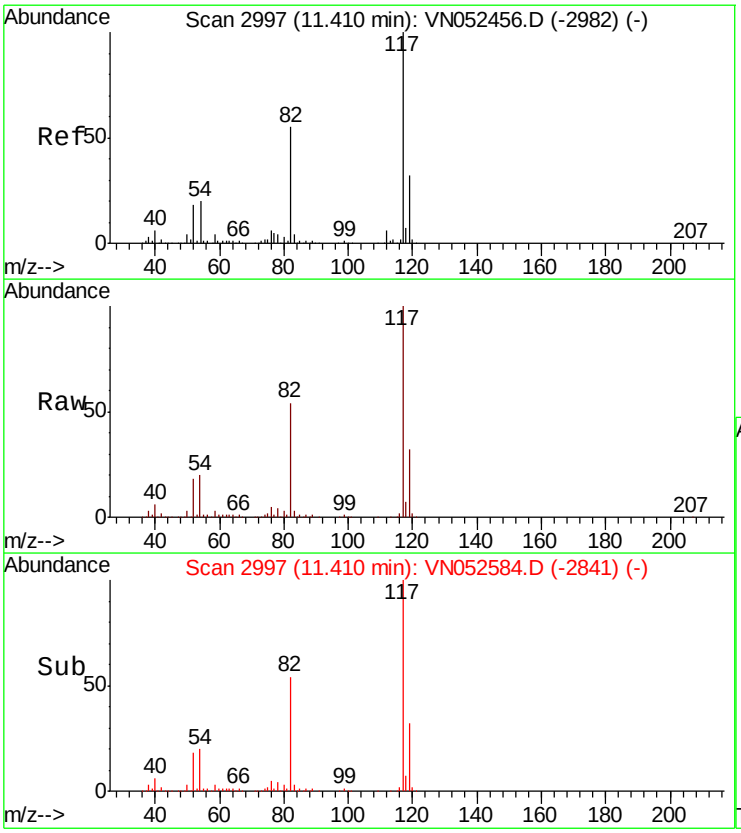
#56
Bromoform
Concen: 0.365 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument : MSVOA_N
ClientSampleId : 14B-2

Tgt Ion:173 Resp: 2412

Ion	Ratio	Lower	Upper
173	100		
175	853.5	38.7	58.1#
254	0.0	8.4	12.6#

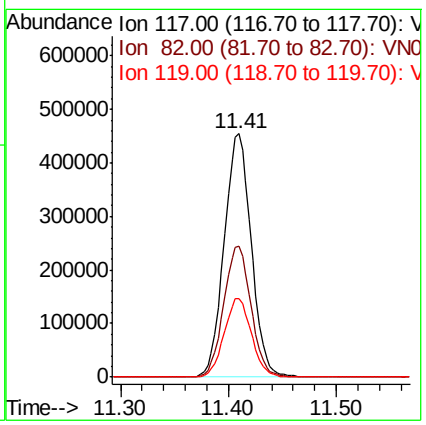


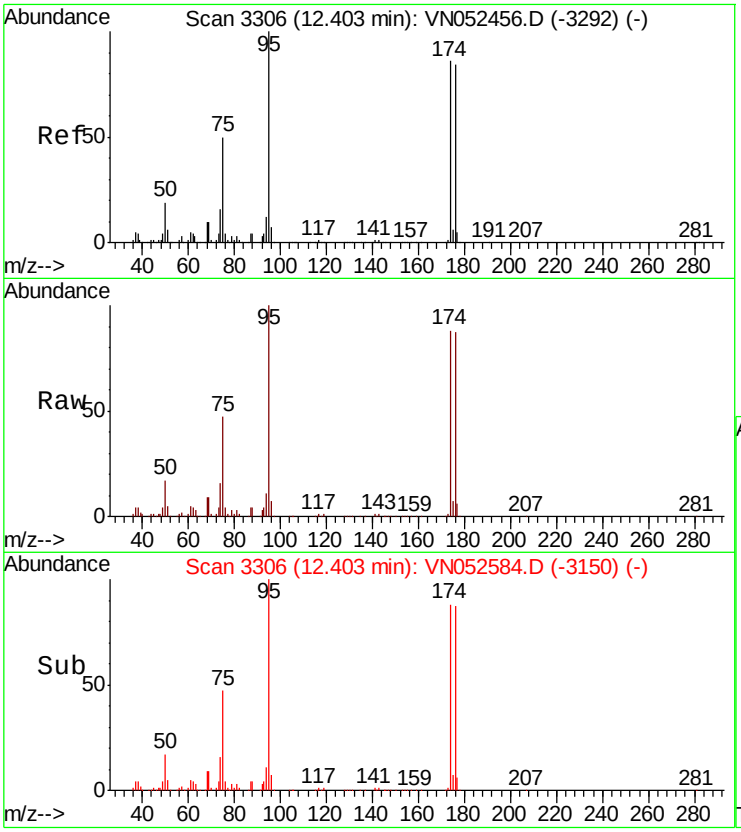


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Tgt Ion:117 Resp: 795392

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.2	66.2
119	32.5	25.4	38.2



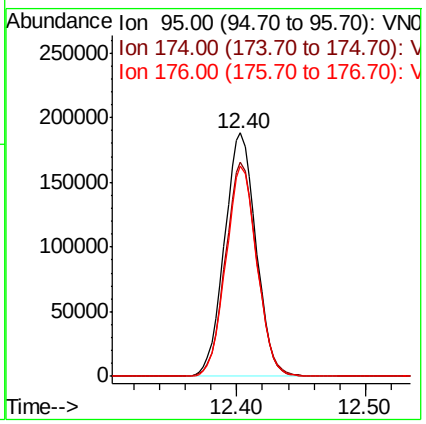


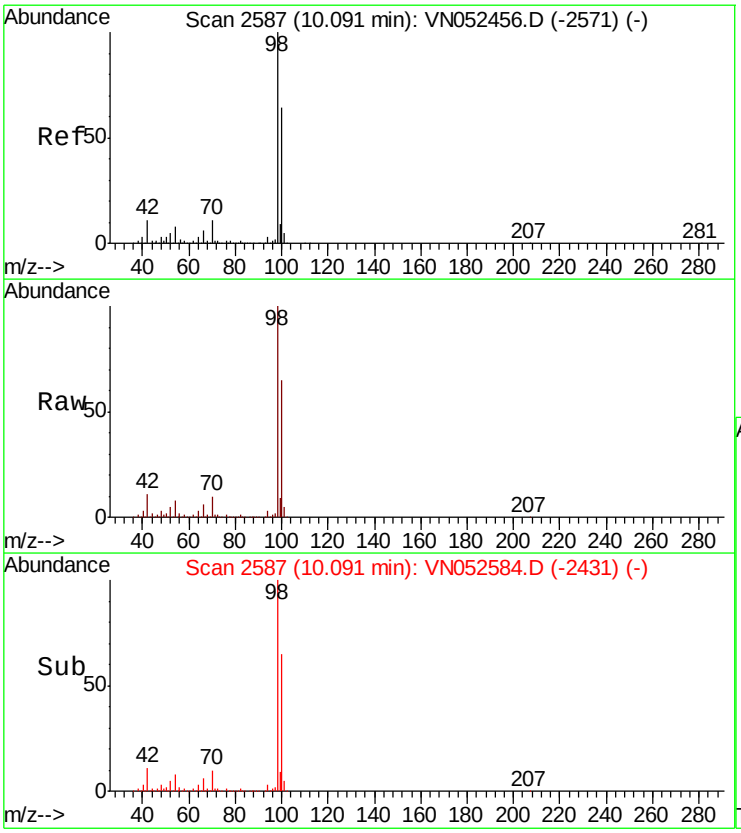
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 95 Resp: 319503

Ion	Ratio	Lower	Upper
95	100		
174	87.3	67.9	101.9
176	84.9	66.4	99.6

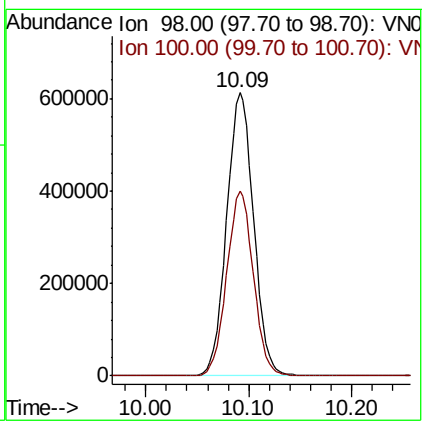


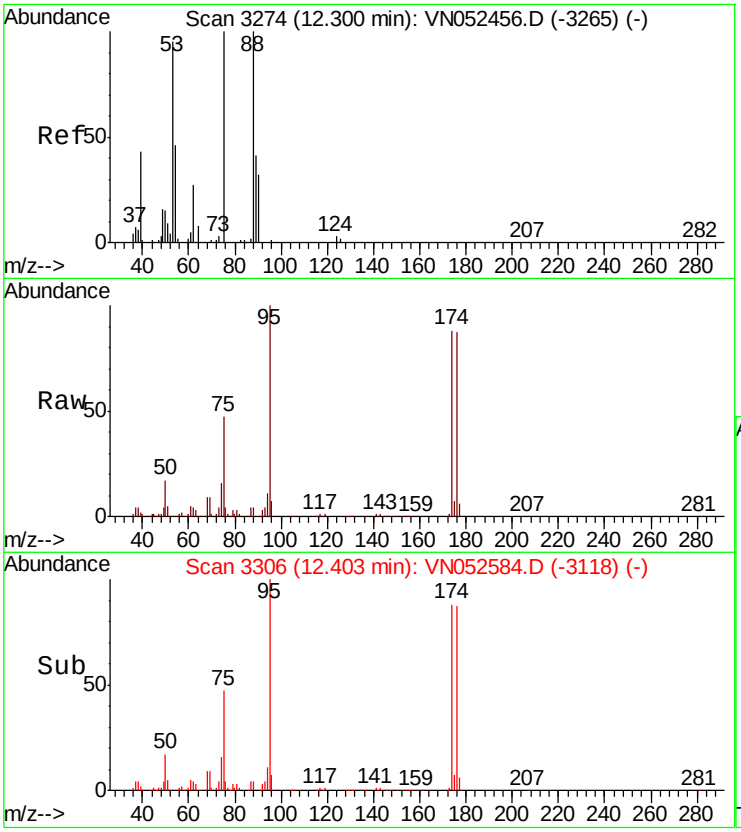


#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Tgt Ion: 98 Resp: 1118516

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.1	76.7





#77
t-1,4-Dichloro-2-butene
Concen: 56.582 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052584.D
Acq: 30 Nov 2018 00:37

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 75 Resp: 151755

Ion	Ratio	Lower	Upper
75	100		
53	0.0	48.5	145.6#
89	0.0	21.7	65.1#