Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100418\
Data File : VN051670.D
Acq On : 4 Oct 2018 17:54
Operator : MD\SY
Sample : PB113487ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Oct 05 06:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629539	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	922778	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803228	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	298246	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	392781	47.23 ug/l	0.00
Spiked Amount 50.000			Recovery =	94.46%	
35) Dibromofluoromethane	7.59	113	347597	48.72 ug/l	0.00
Spiked Amount 50.000			Recovery =	97.44%	
50) Toluene-d8	10.09	98	1309436	49.20 ug/l	0.00
Spiked Amount 50.000			Recovery =	98.40%	
62) 4-Bromofluorobenzene	12.40	95	367708	39.03 ug/l	0.00
Spiked Amount 50.000			Recovery =	78.06%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.86	85	68	1.158 ug/l #	42
5) Bromomethane	2.56	94	2192	0.252 ug/l #	60
7) Trichlorofluoromethane	2.99	101	199	Below Cal #	32
10) Methyl Iodide	3.97	142	34	2.342 ug/l #	41
13) Acrolein	3.60	56	256	0.725 ug/l #	1
16) Acetone	3.82	43	16544	Below Cal #	83
18) Methyl Acetate	4.33	43	2792	0.608 ug/l	96
20) Methylene Chloride	4.54	84	12147	1.775 ug/l	87
25) 2-Butanone	6.84	43	1868	0.778 ug/l #	87
29) Tetrahydrofuran	7.22	42	1192	0.809 ug/l #	54
31) Cyclohexane	7.67	56	13158	1.165 ug/l #	34
36) 1,1-Dichloropropene	7.66	75	42433	4.399 ug/l #	49
38) Carbon Tetrachloride	7.67	117	57724	4.987 ug/l #	15
41) Methacrylonitrile	7.09	41	298	Below Cal	91
43) Isopropyl Acetate	8.17	43	274923	26.213 ug/l	96
48) Methyl methacrylate	9.18	41	5601	1.169 ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	2765	0.520 ug/l #	77
59) 2-Hexanone	10.76	43	15512	4.298 ug/l #	58
71) Bromoform	12.40	173	2879	0.486 ug/l #	1
74) N-amyl acetate	12.07	43	380	Below Cal #	53
75) 1,1,2,2-Tetrachloroethane	12.51	83	397	Below Cal #	83
76) 1,2,3-Trichloropropane	12.40	75	199563	54.196 ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4305	0.201 ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	199563	122.998 ug/l #	14

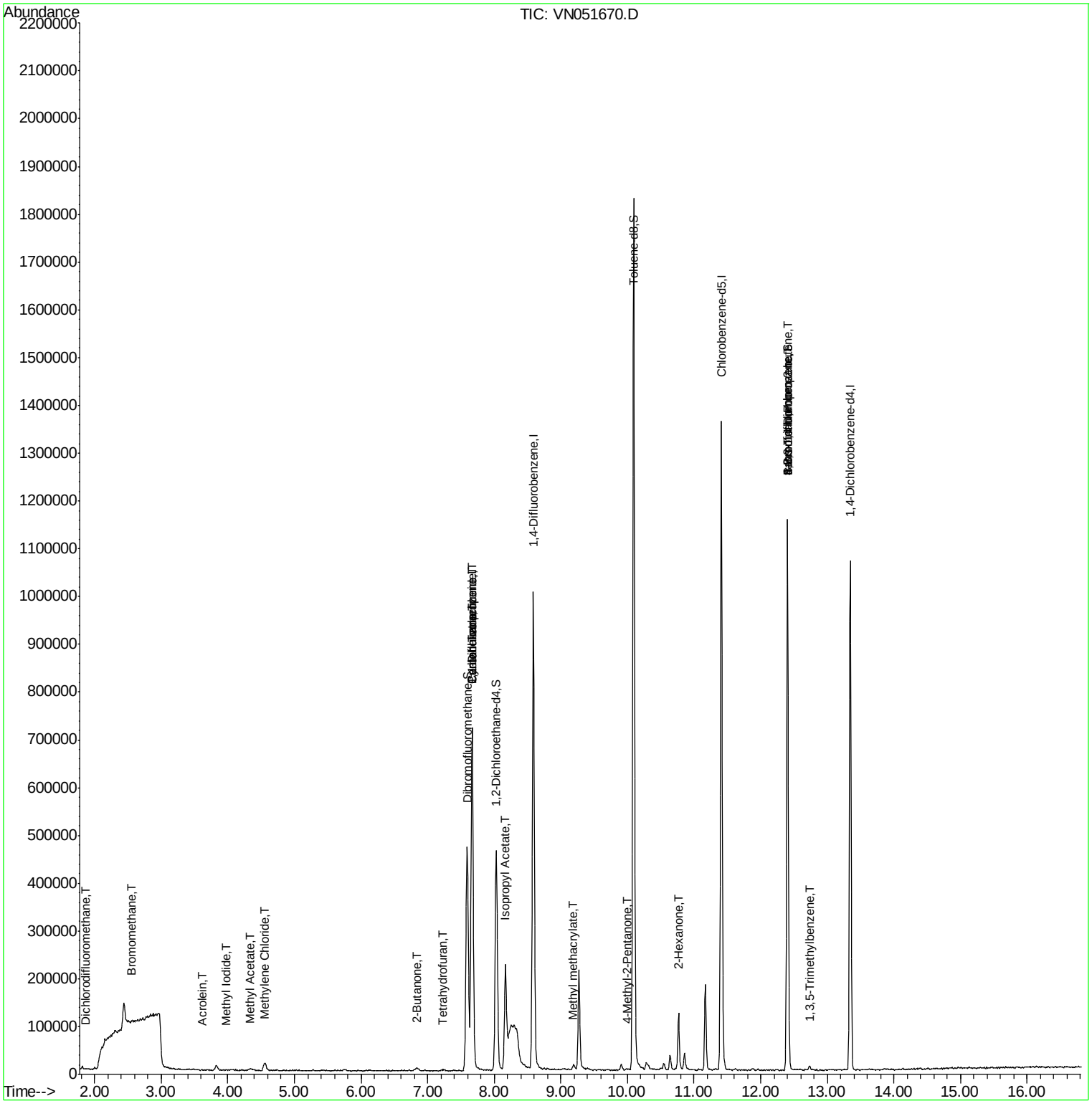
(#) = qualifier out of range (m) = manual integration (+) = signals summed

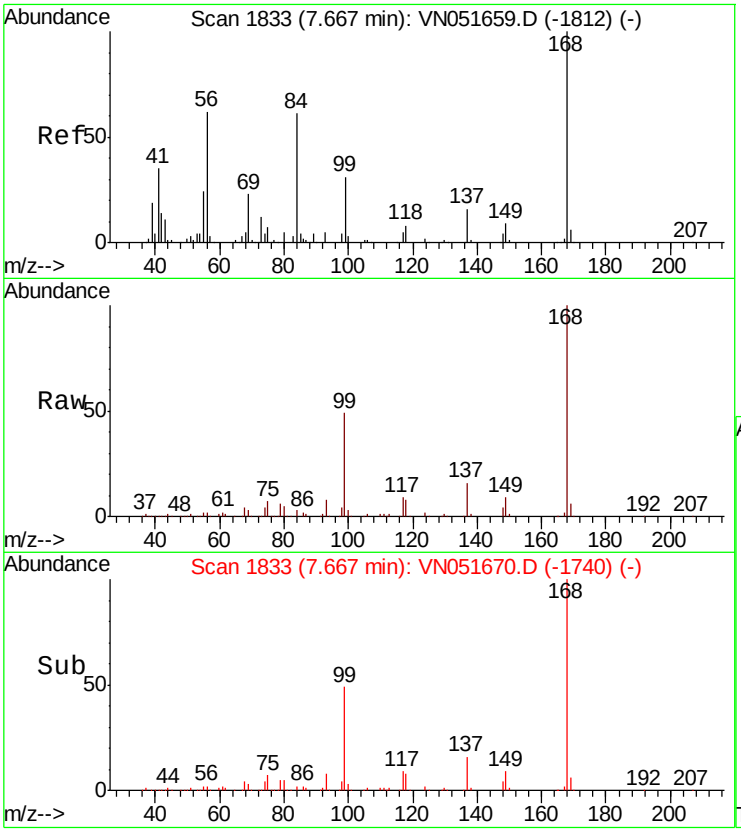
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100418\
Data File : VN051670.D
Acq On : 4 Oct 2018 17:54
Operator : MD\SY
Sample : PB113487ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 05 06:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

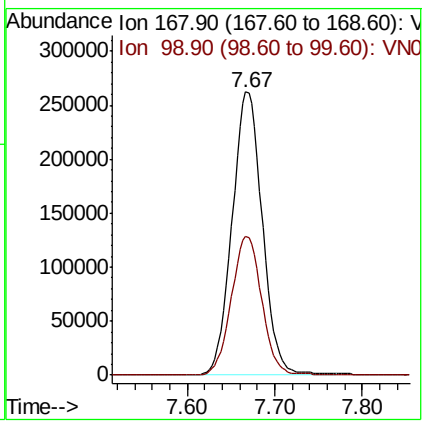




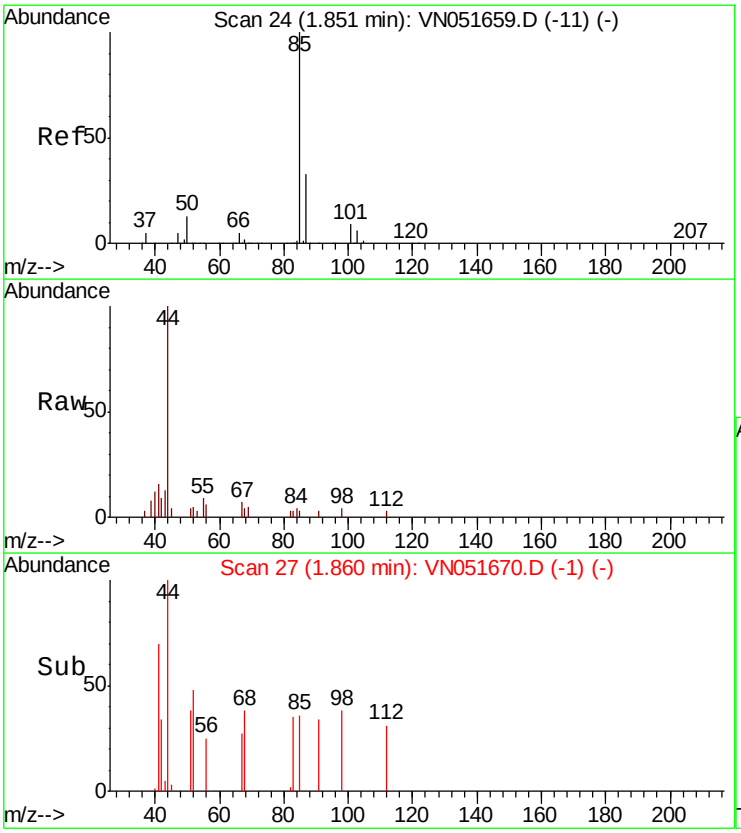
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion:168 Resp: 629539

Ion	Ratio	Lower	Upper
168	100		
99	49.0	40.4	60.6



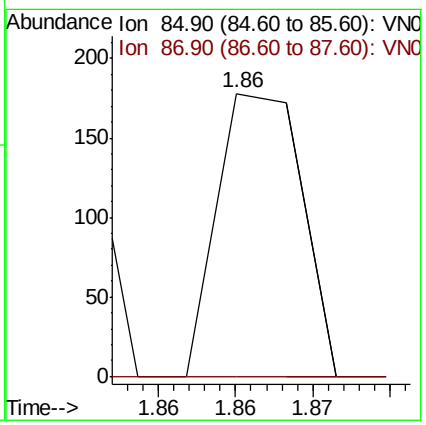
Instrument :
MSVOA_N
ClientSampleId :

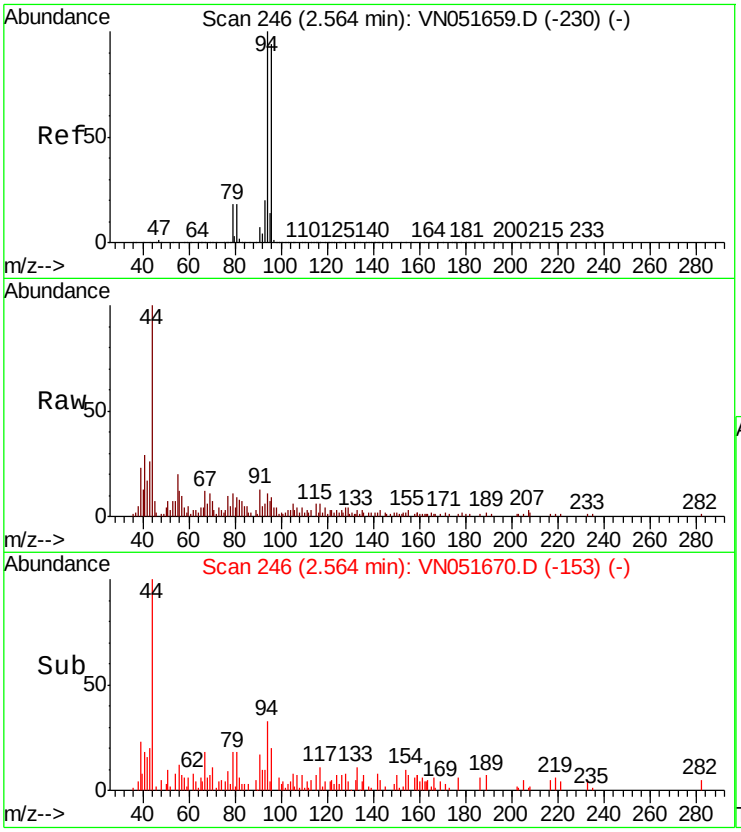


#2
Dichlorodifluoromethane
Concen: 1.158 ug/l
RT: 1.86 min Scan# 27
Delta R.T. 0.01 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 85 Resp: 68

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.4#



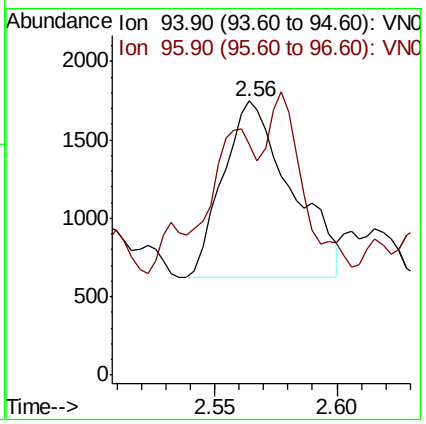


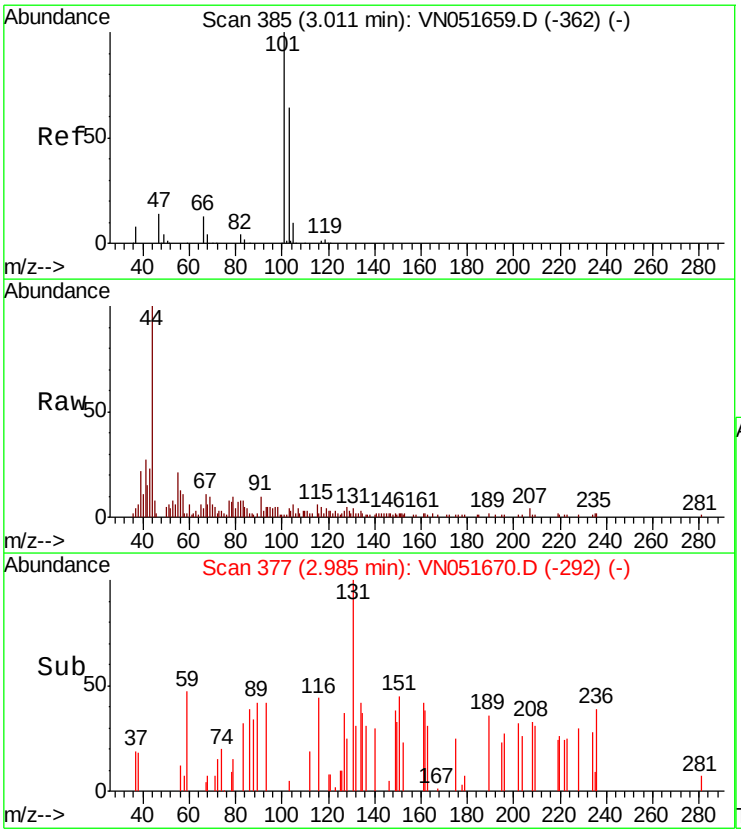
#5
Bromomethane
Concen: 0.252 ug/l
RT: 2.56 min Scan# 246
Delta R.T. -0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 2192

Ion	Ratio	Lower	Upper
94	100		
96	55.6	75.2	112.8#

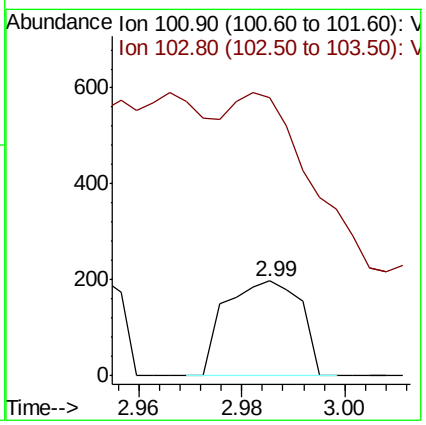


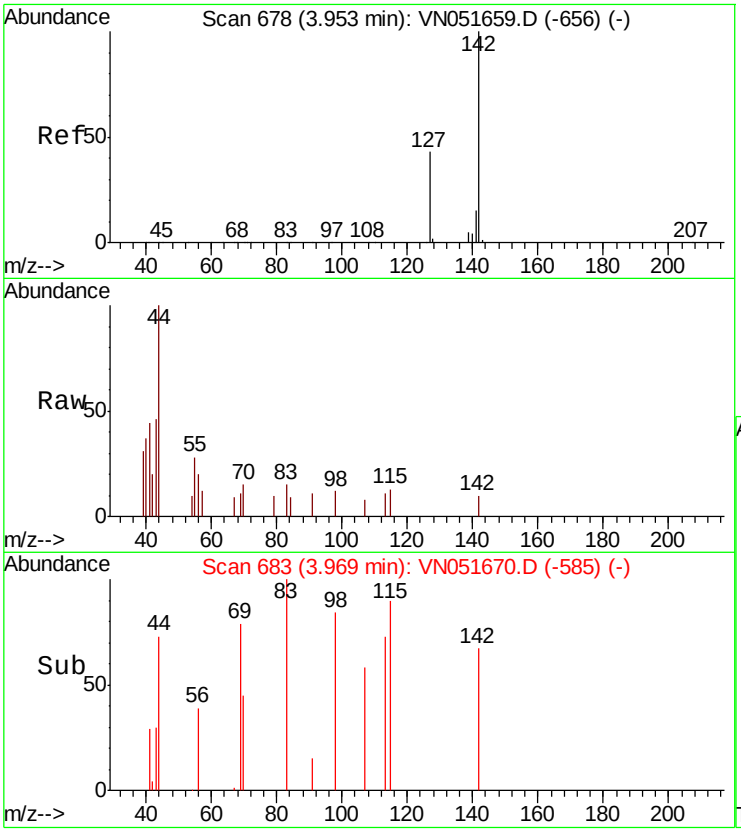


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 2.99 min Scan# 377
Delta R.T. -0.03 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion:101 Resp: 199

Ion	Ratio	Lower	Upper
101	100		
103	117.2	51.1	76.7#



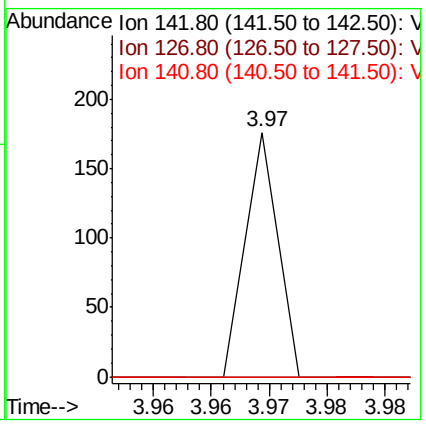


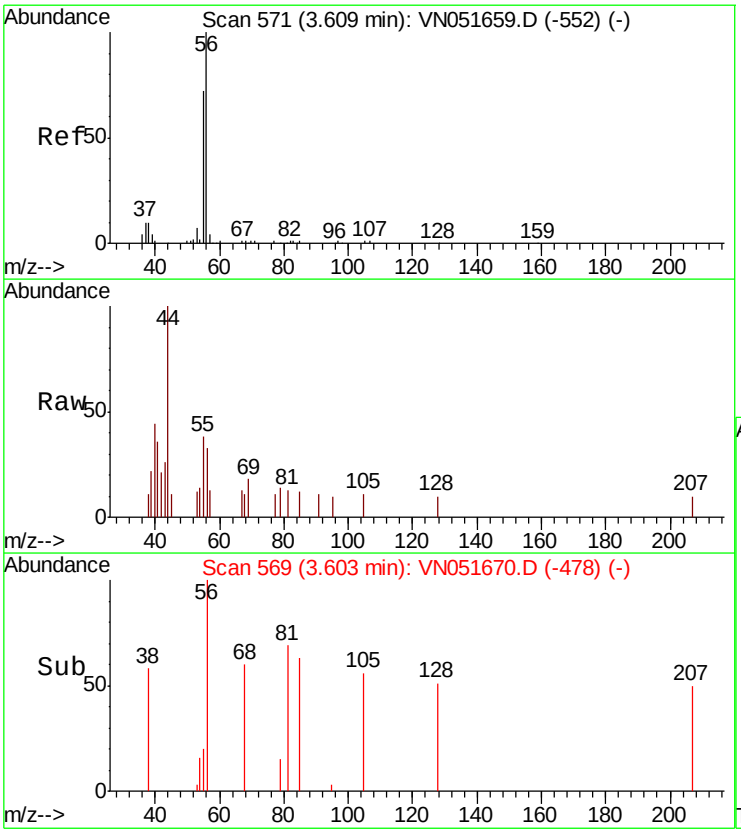
#10
Methyl Iodide
Concen: 2.342 ug/l
RT: 3.97 min Scan# 683
Delta R.T. 0.02 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:142 Resp: 34

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.7	52.1#
141	0.0	11.4	17.2#

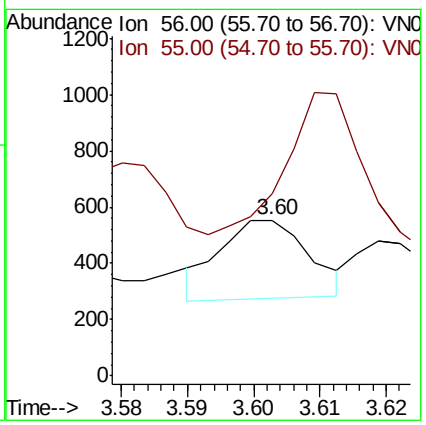


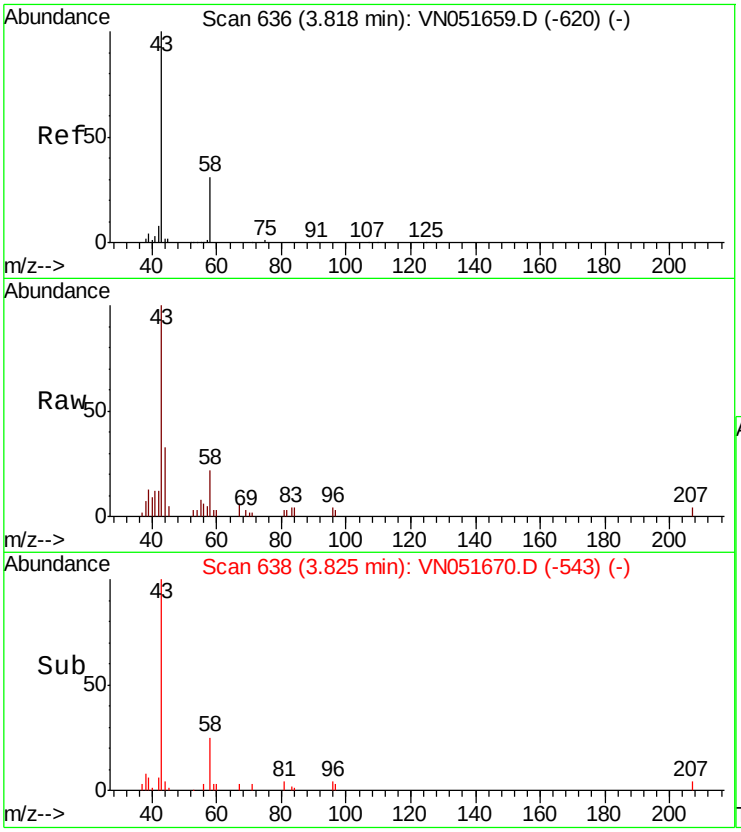


#13
Acrolein
Concen: 0.725 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.01 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 56 Resp: 256

Ion	Ratio	Lower	Upper
56	100		
55	175.8	57.5	86.3#



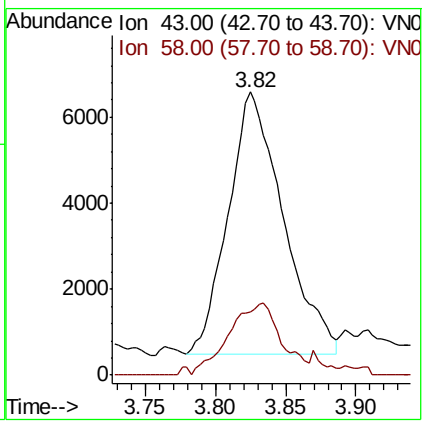


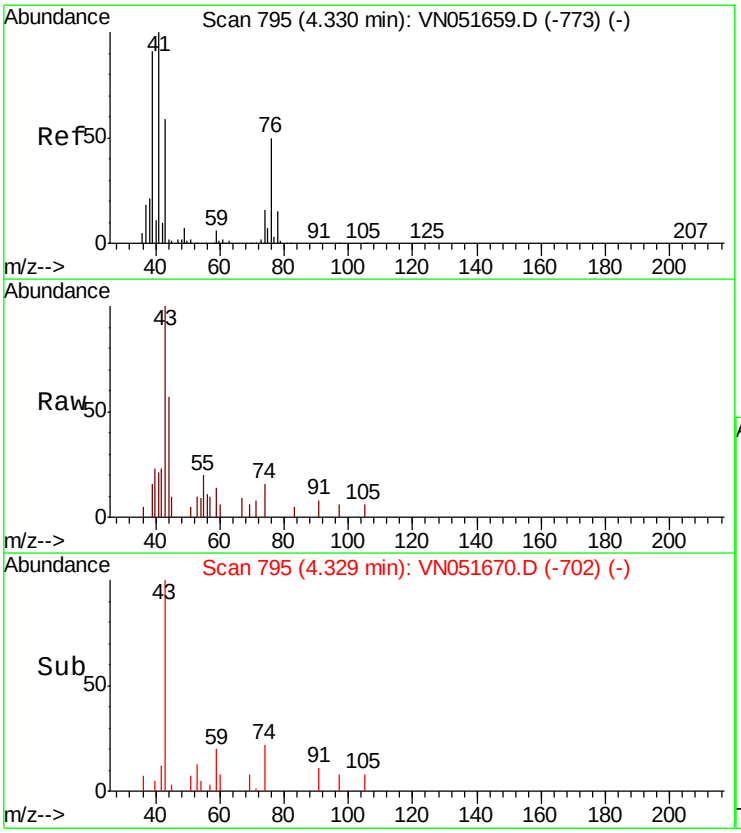
#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 16544

Ion	Ratio	Lower	Upper
43	100		
58	21.3	24.3	36.5#

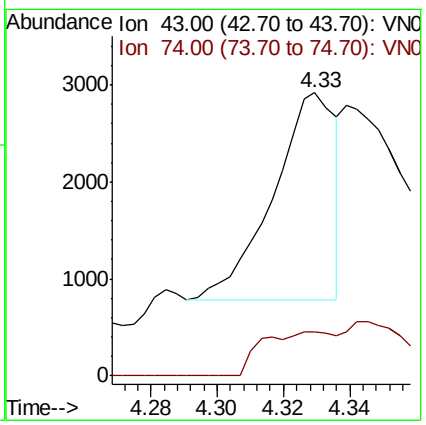


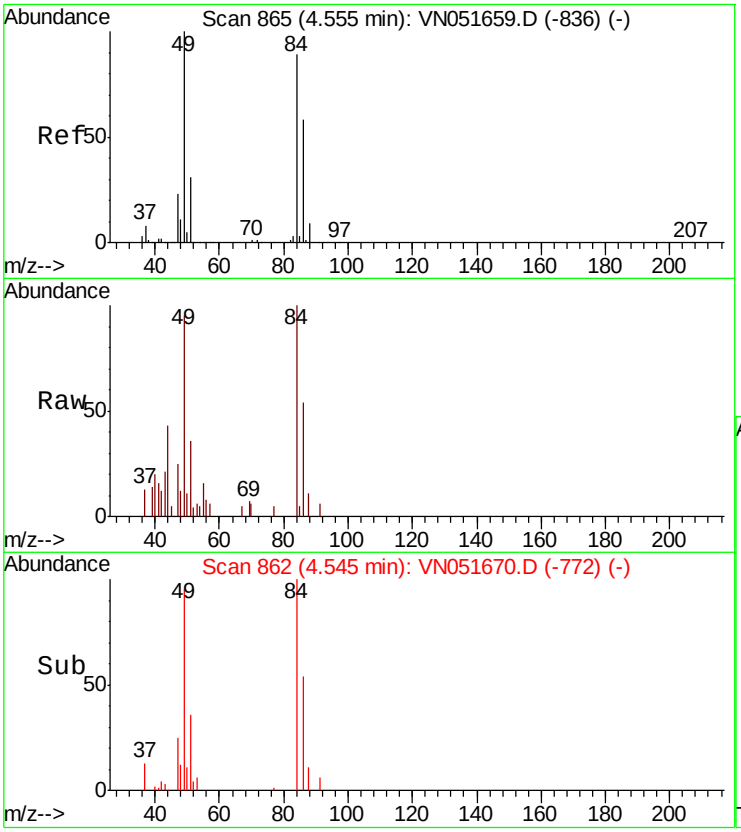


#18
Methyl Acetate
Concen: 0.608 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 43 Resp: 2792

Ion	Ratio	Lower	Upper
43	100		
74	24.8	21.5	32.3



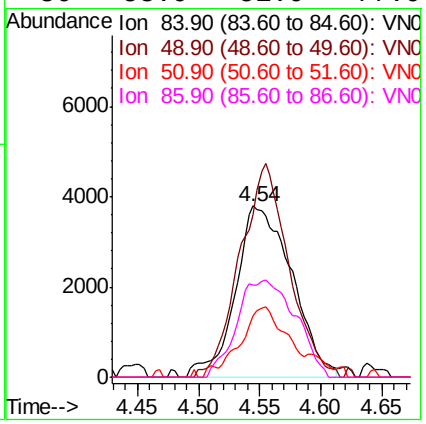


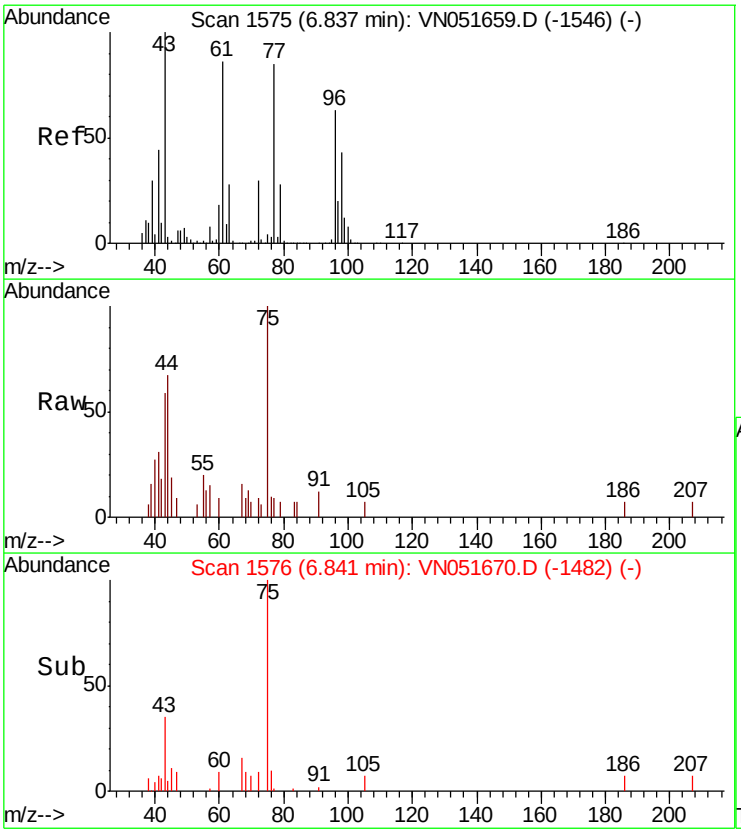
#20
Methylene Chloride
Concen: 1.775 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 12147

Ion	Ratio	Lower	Upper
84	100		
49	94.8	89.5	134.3
51	35.9	27.4	41.0
86	53.9	51.9	77.9

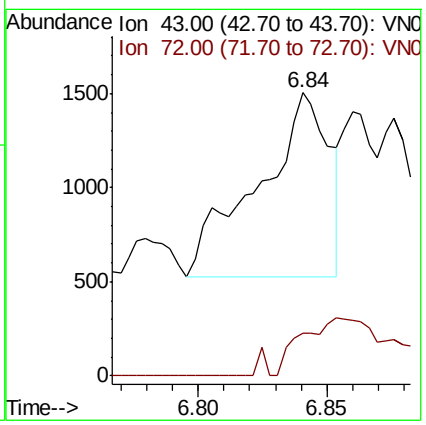


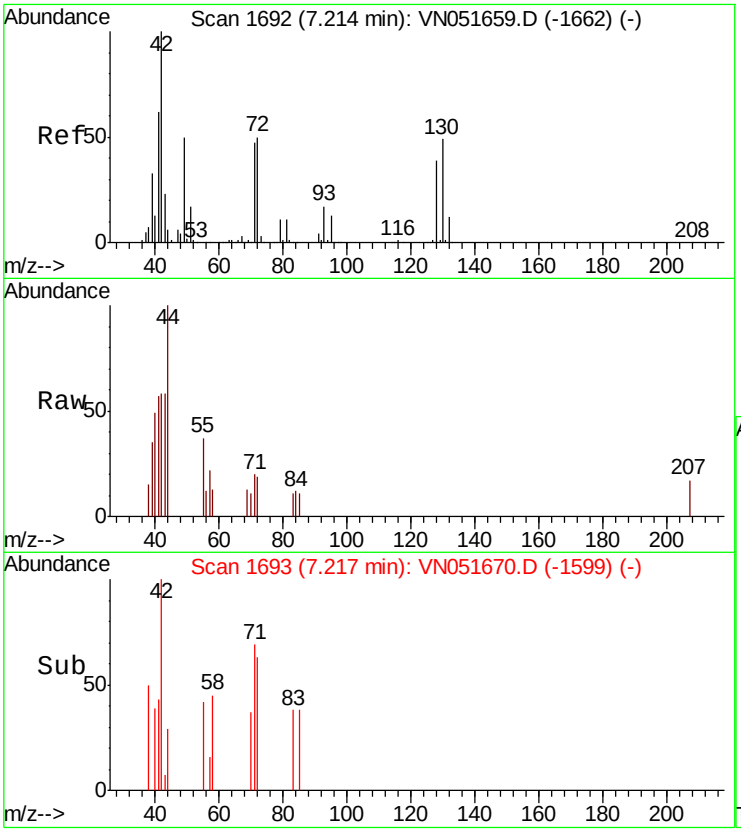


#25
2-Butanone
Concen: 0.778 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 43 Resp: 1868

Ion	Ratio	Lower	Upper
43	100		
72	22.9	24.2	36.2#



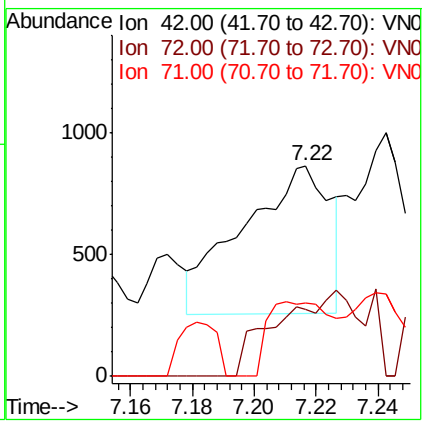


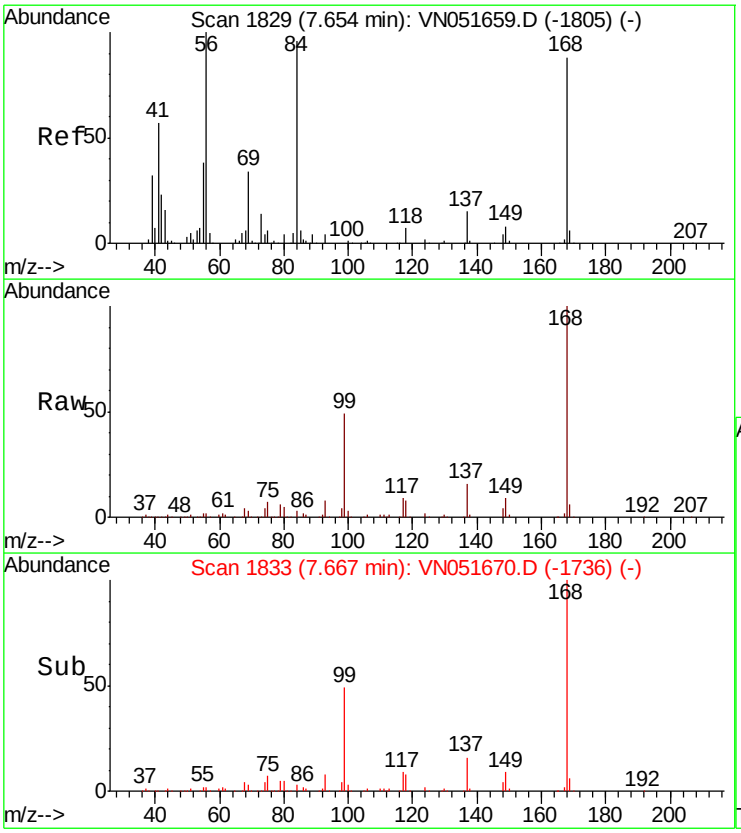
#29
Tetrahydrofuran
Concen: 0.809 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1192

Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.1	60.1#
71	35.8	38.0	57.0#

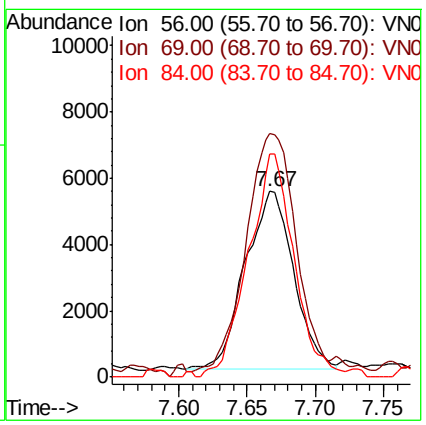


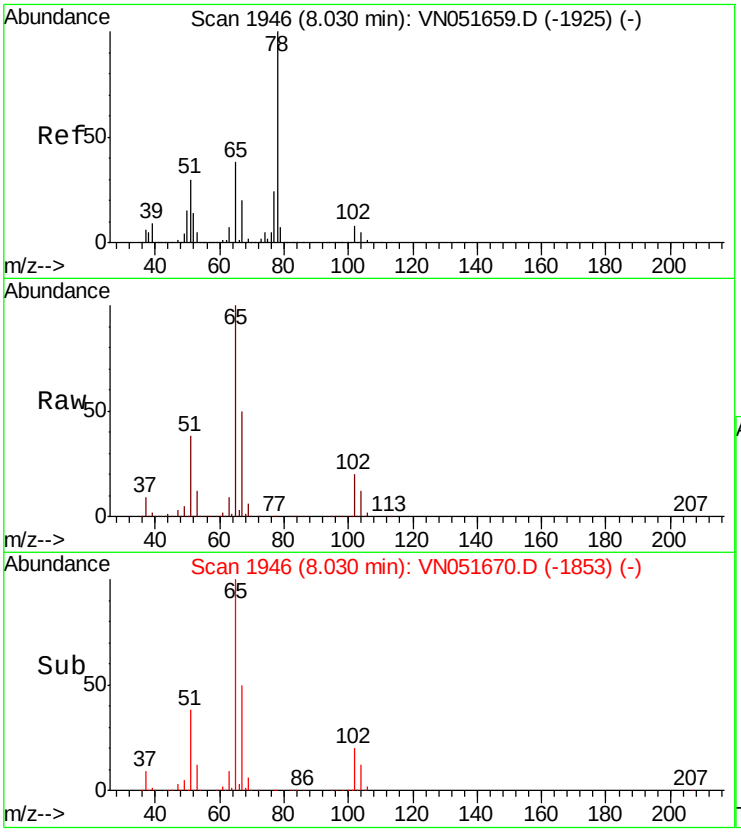


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 56 Resp: 13158

Ion	Ratio	Lower	Upper
56	100		
69	133.9	27.5	41.3#
84	122.6	76.7	115.1#



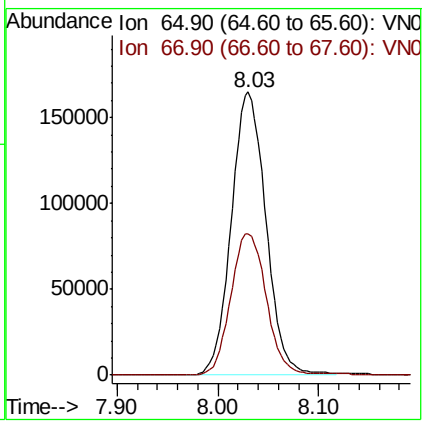


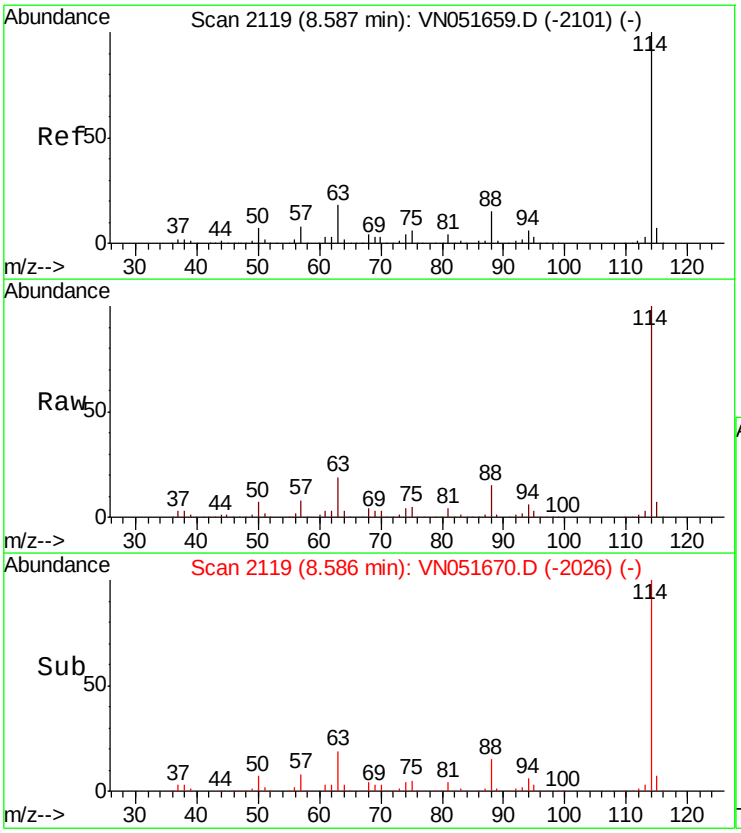
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 392781

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.6

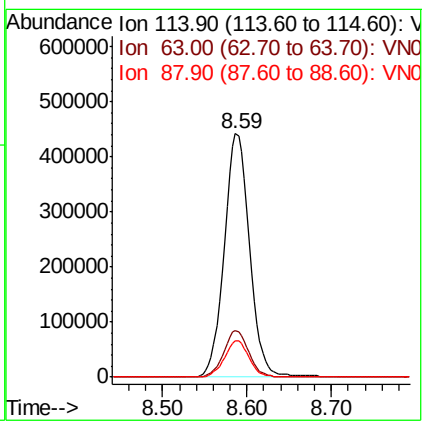


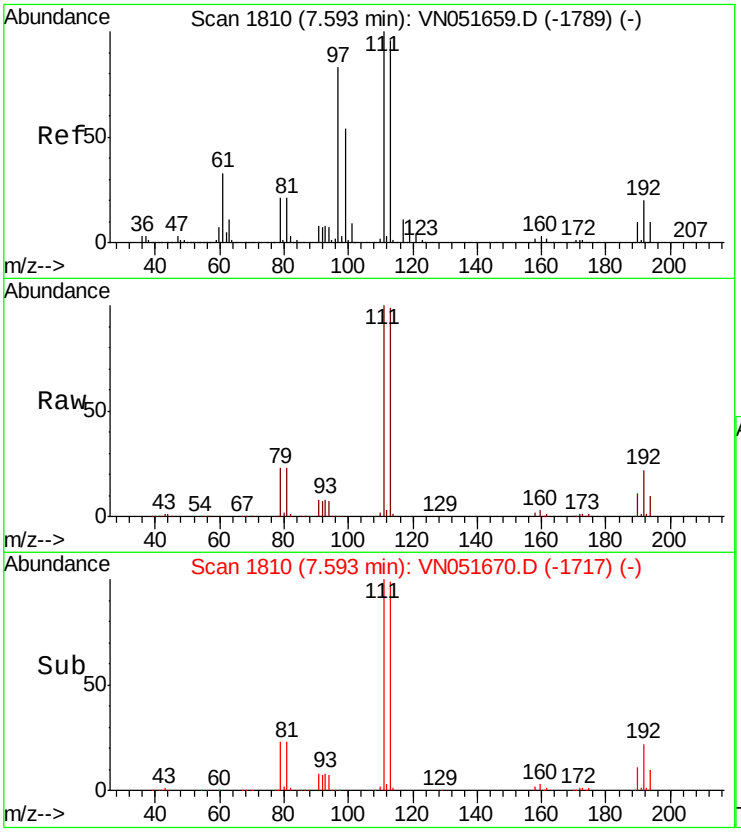


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion:114 Resp: 922778

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	36.2
88	14.8	0.0	30.2



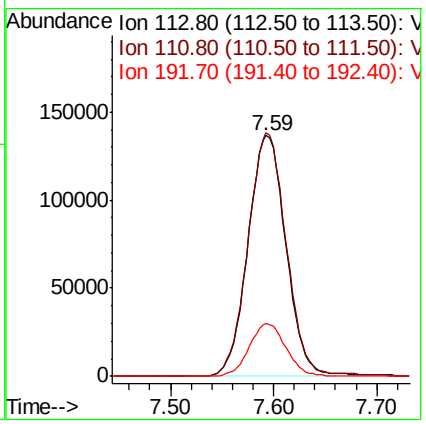


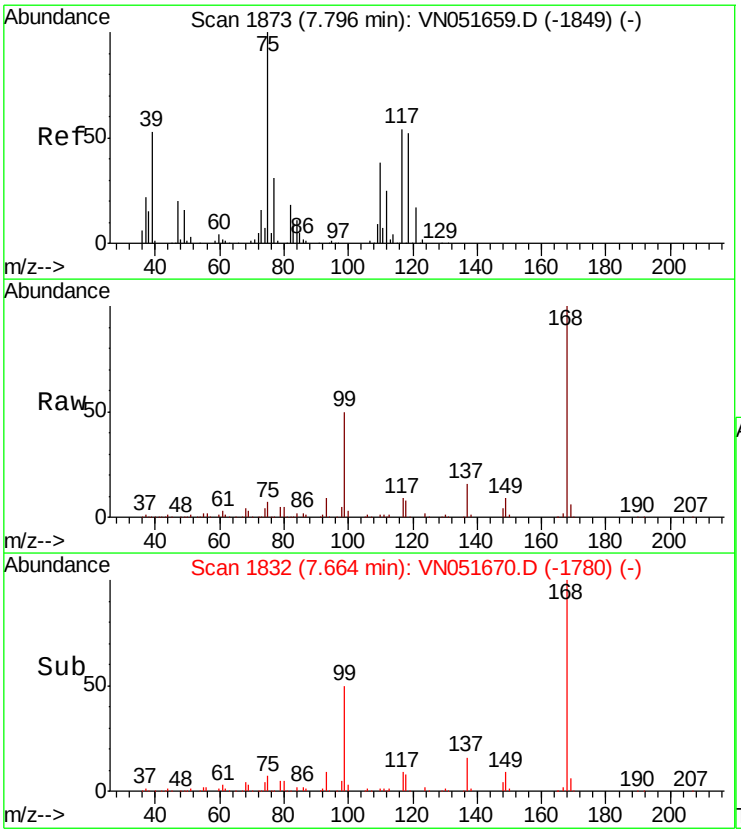
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 347597

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	21.3	16.5	24.7

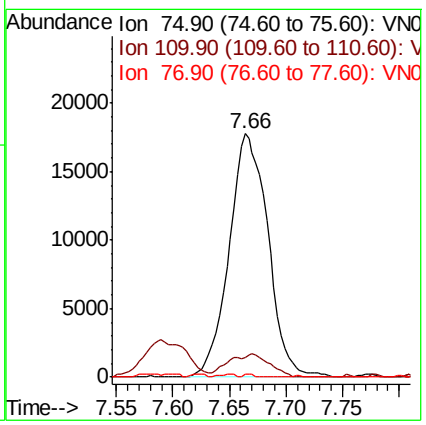


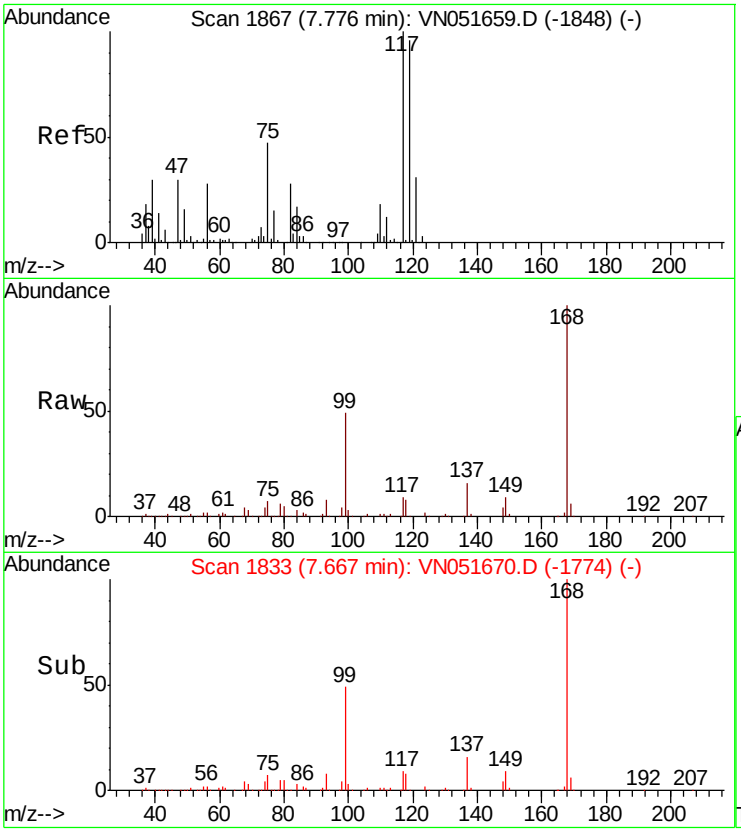


#36
1,1-Dichloropropene
Concen: 4.399 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 75 Resp: 42433

Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.3	57.8#
77	0.3	24.7	37.1#



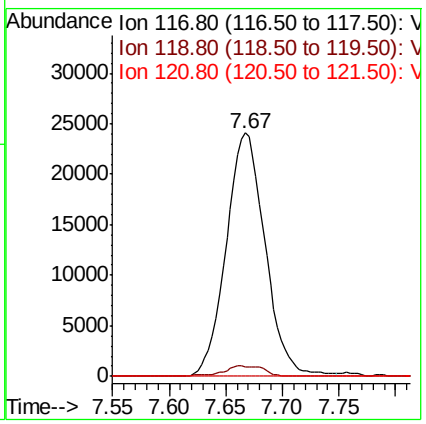


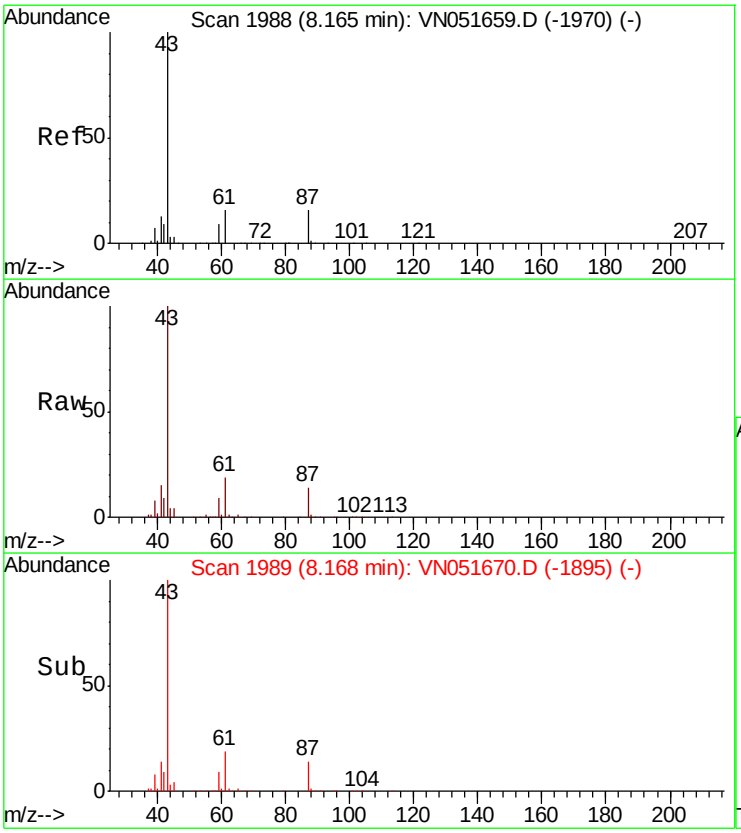
#38
Carbon Tetrachloride
Concen: 4.987 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 57724

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.0	115.6#
121	0.0	25.0	37.6#

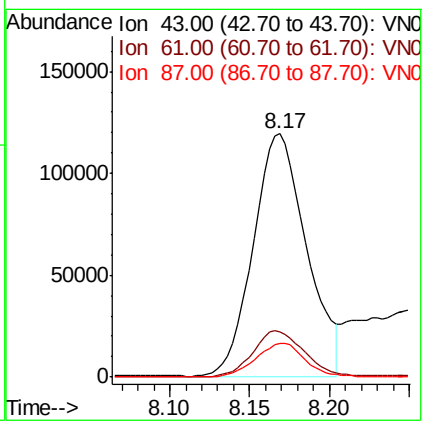


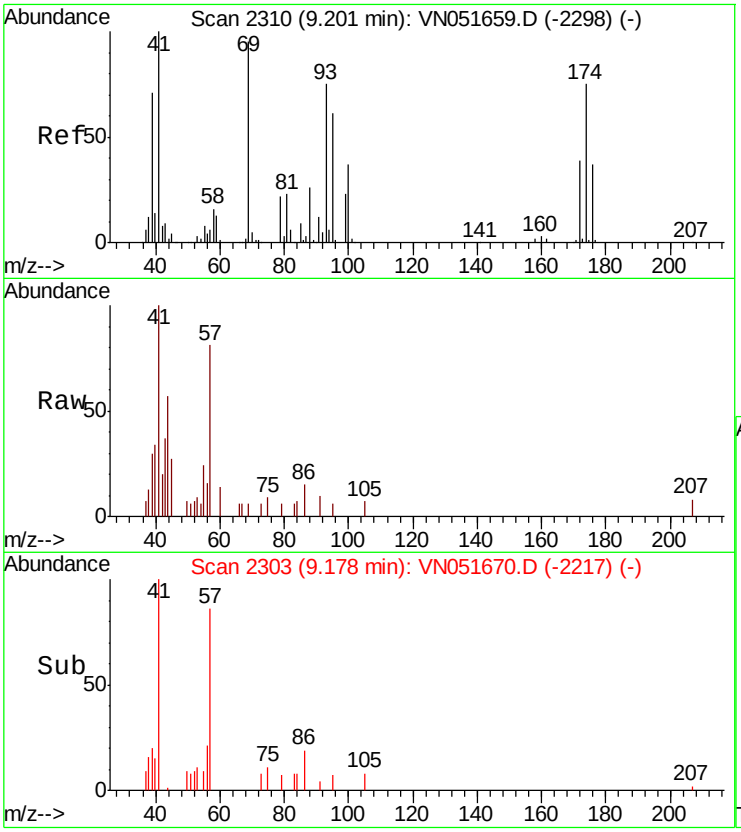


#43
Isopropyl Acetate
Concen: 26.213 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 43 Resp: 274923

Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.8	23.6
87	13.0	12.6	19.0



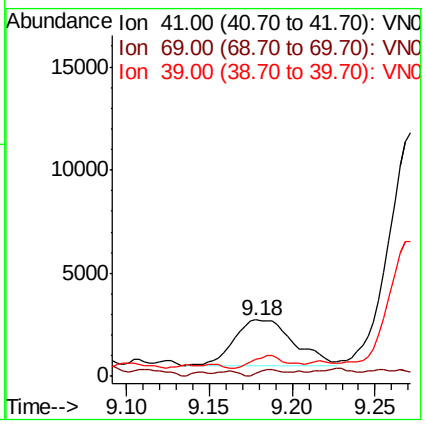


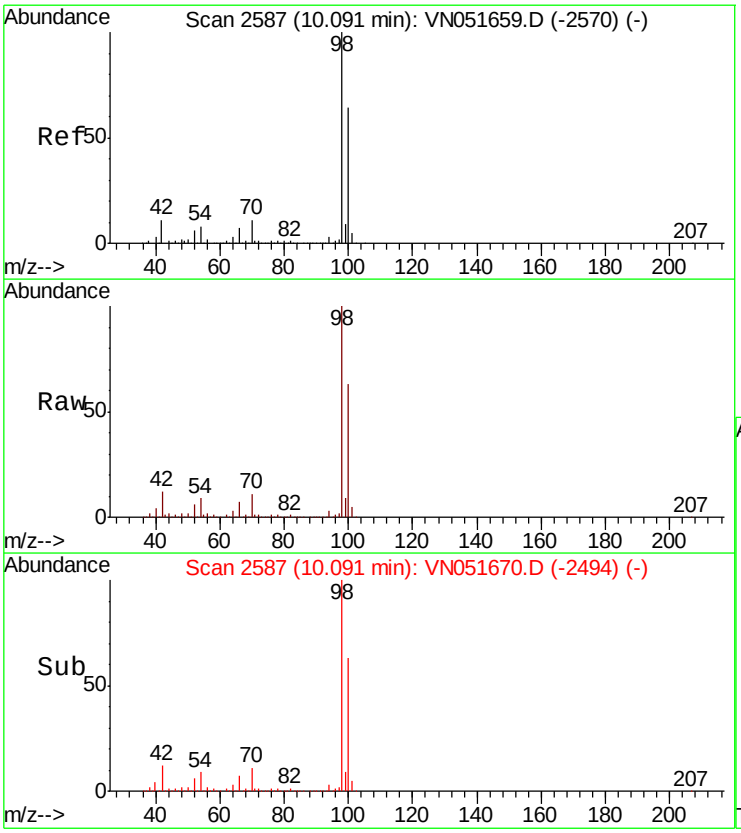
#48
Methyl methacrylate
Concen: 1.169 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 5601

Ion	Ratio	Lower	Upper
41	100		
69	6.2	78.6	118.0#
39	15.5	59.2	88.8#

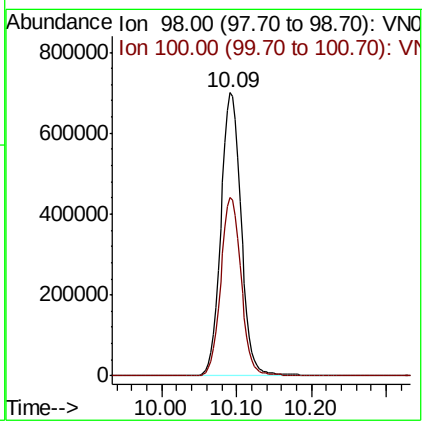


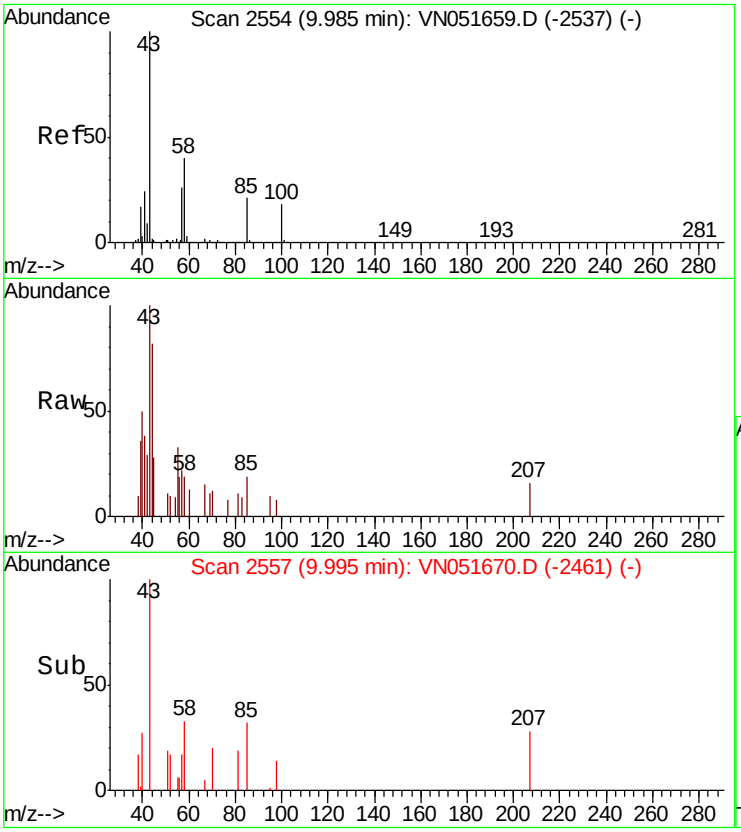


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 98 Resp: 1309436

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.5	77.3



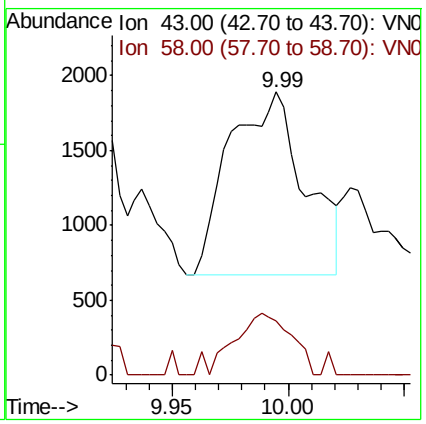


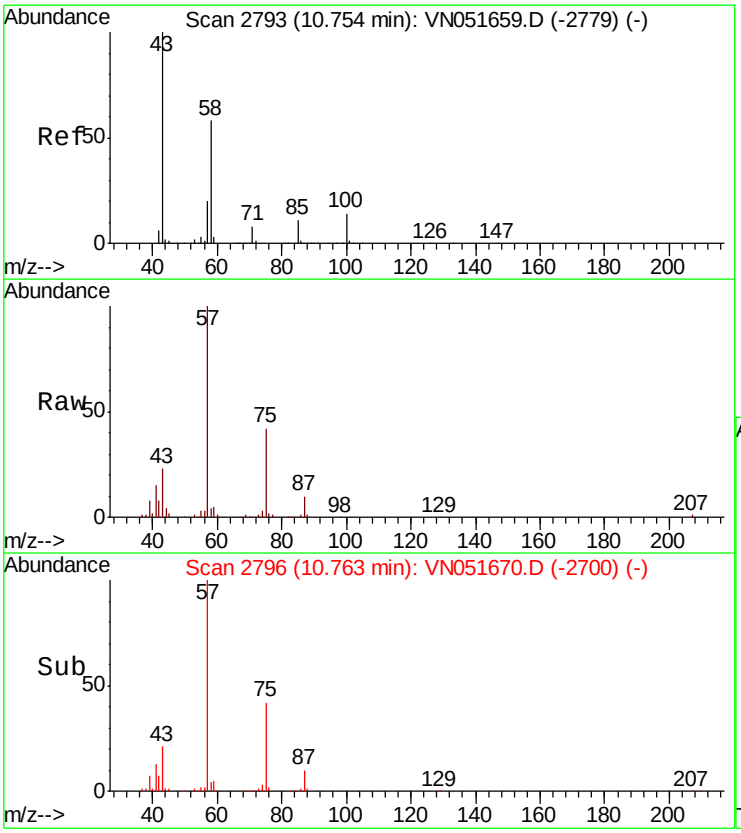
#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 9.99 min Scan# 2557
Delta R.T. 0.01 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2765

Ion	Ratio	Lower	Upper
43	100		
58	26.1	32.2	48.2#

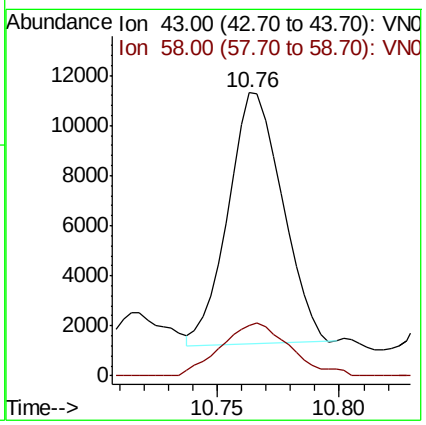


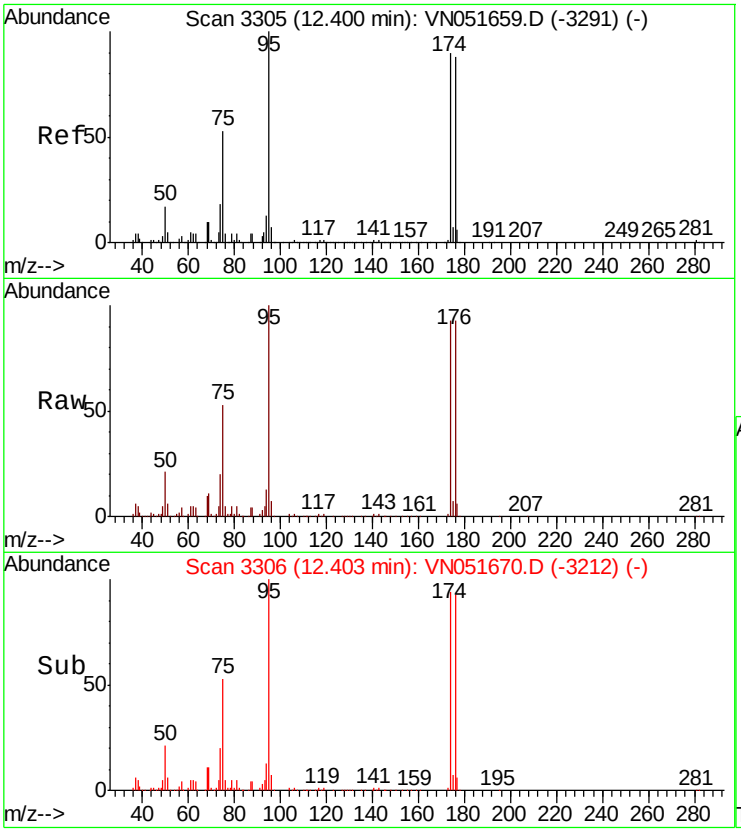


#59
2-Hexanone
Concen: 4.298 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 43 Resp: 15512

Ion	Ratio	Lower	Upper
43	100		
58	26.6	28.8	86.4#



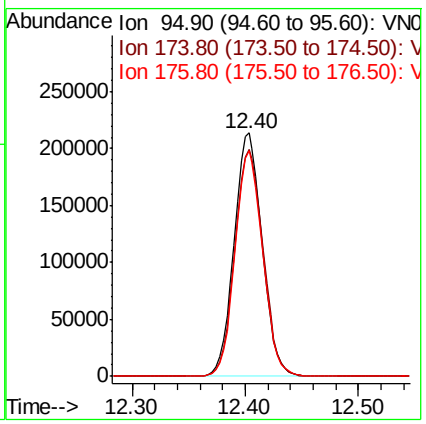


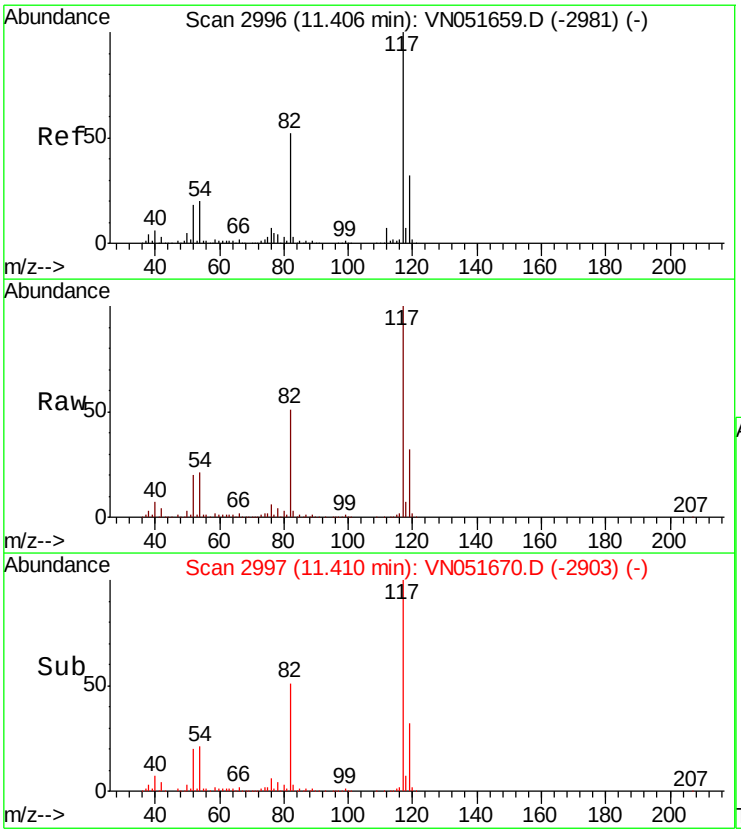
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 367708

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	182.8
176	91.3	0.0	176.4

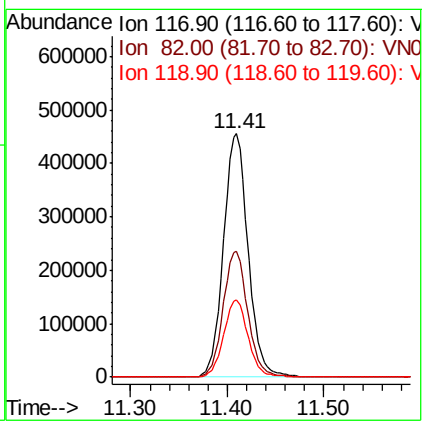


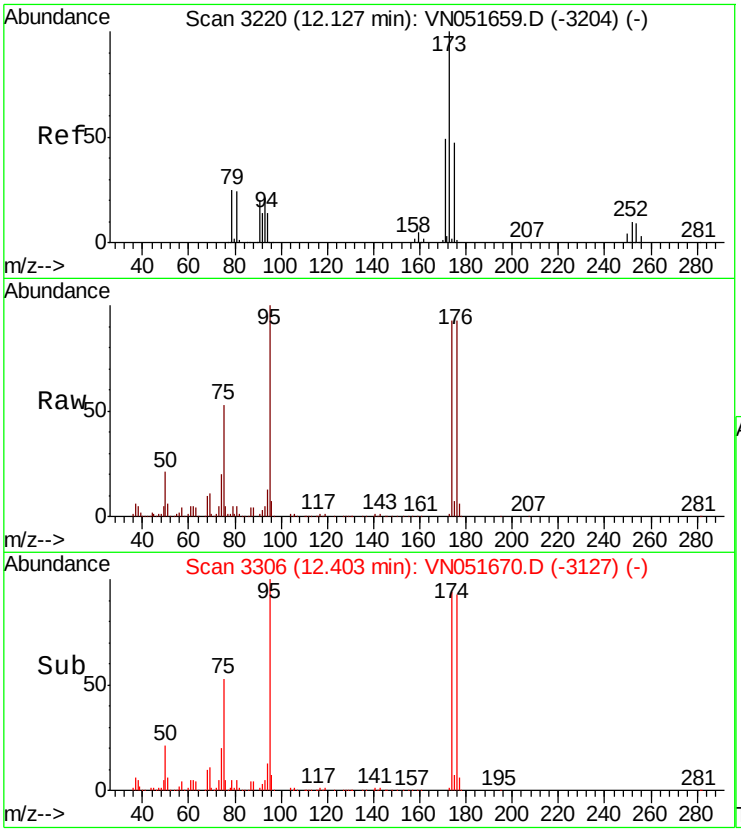


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion:117 Resp: 803228

Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.3	61.9
119	31.8	25.9	38.9



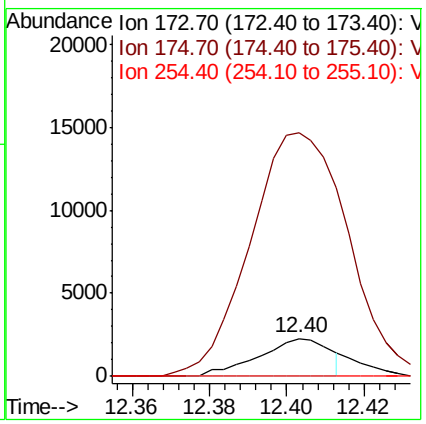


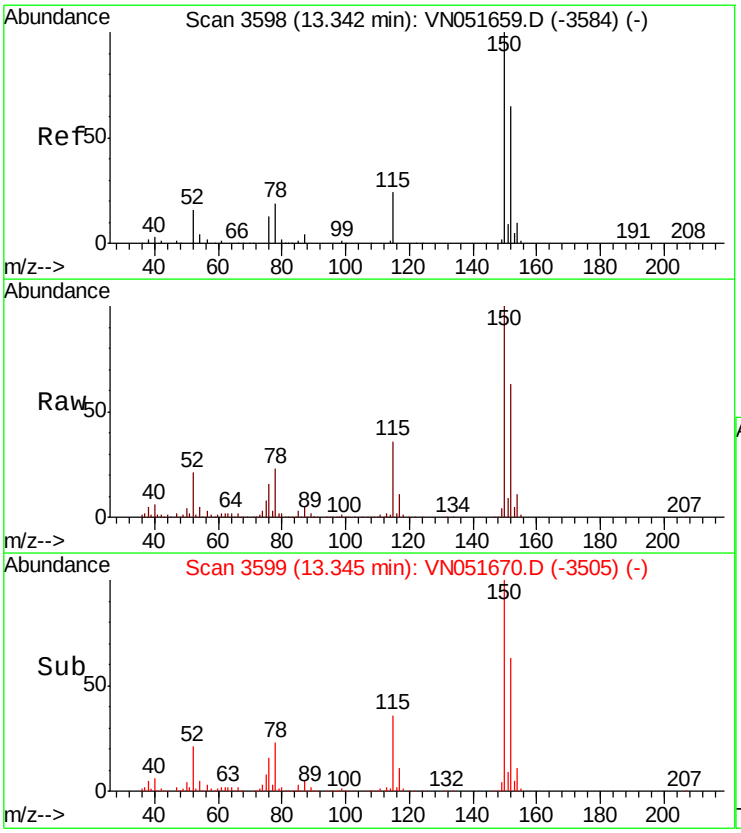
#71
Bromoform
Concen: 0.486 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 2879

Ion	Ratio	Lower	Upper
173	100		
175	748.2	24.0	72.0#
254	0.0	0.1	0.1#

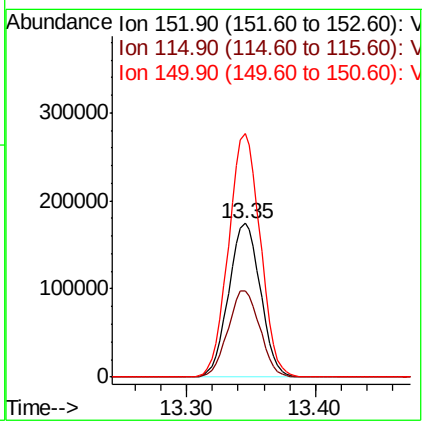


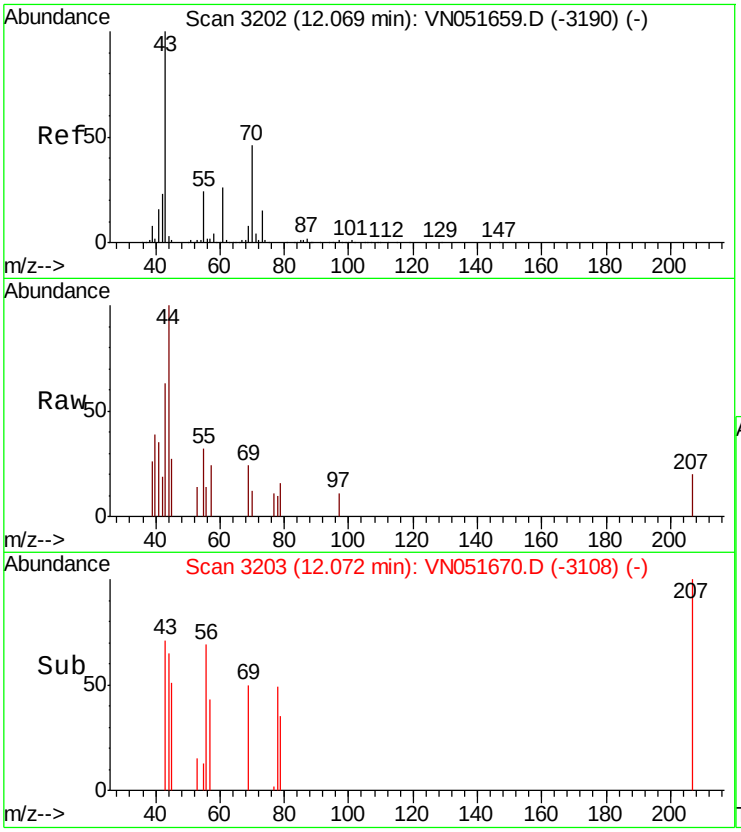


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion:152 Resp: 298246

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.6	85.8
150	158.1	0.0	352.4



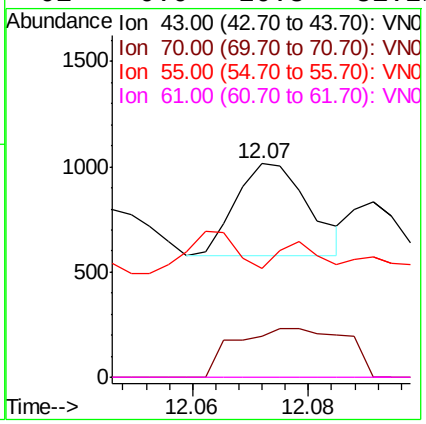


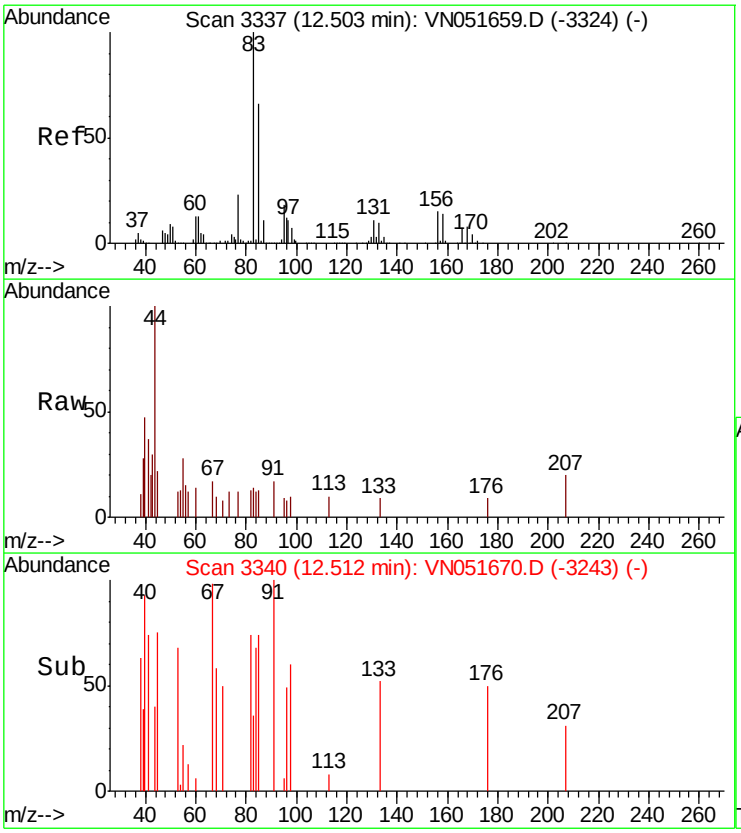
#74
N-amyl acetate
Concen: Below Cal
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 380

Ion	Ratio	Lower	Upper
43	100		
70	82.1	37.1	55.7#
55	38.7	19.1	28.7#
61	0.0	20.8	31.2#

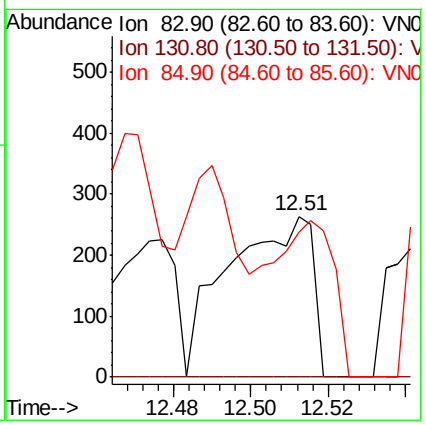


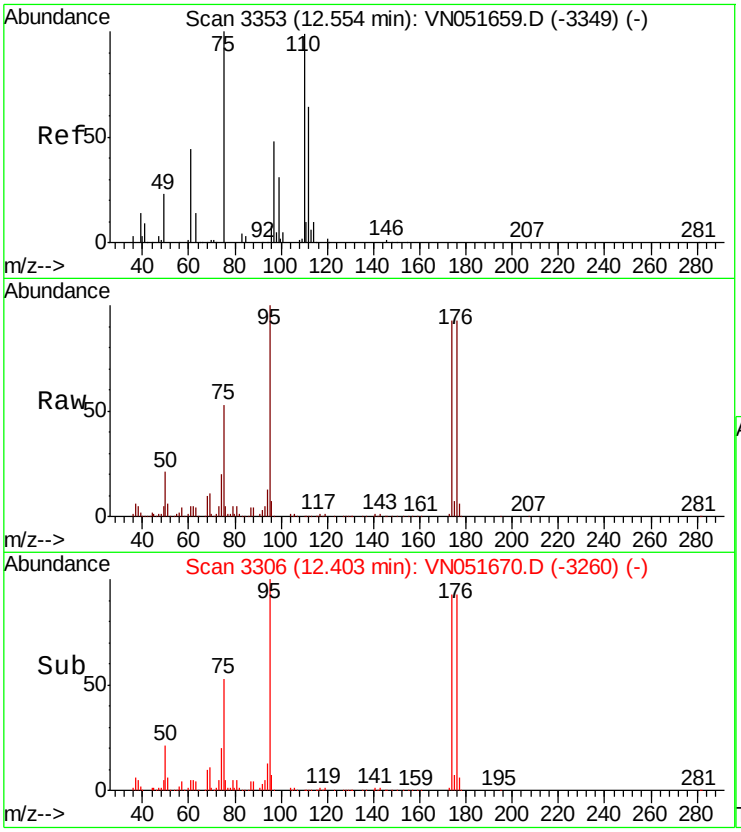


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3340
Delta R.T. 0.01 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion: 83 Resp: 397

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.1#
85	54.4	33.0	98.9



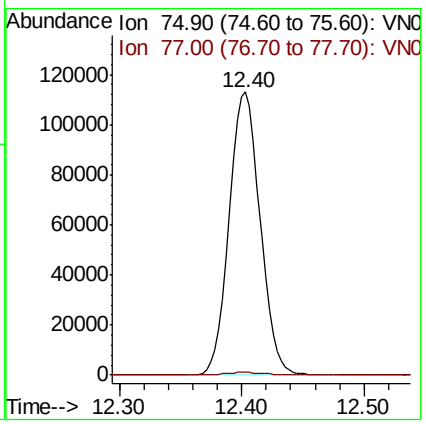


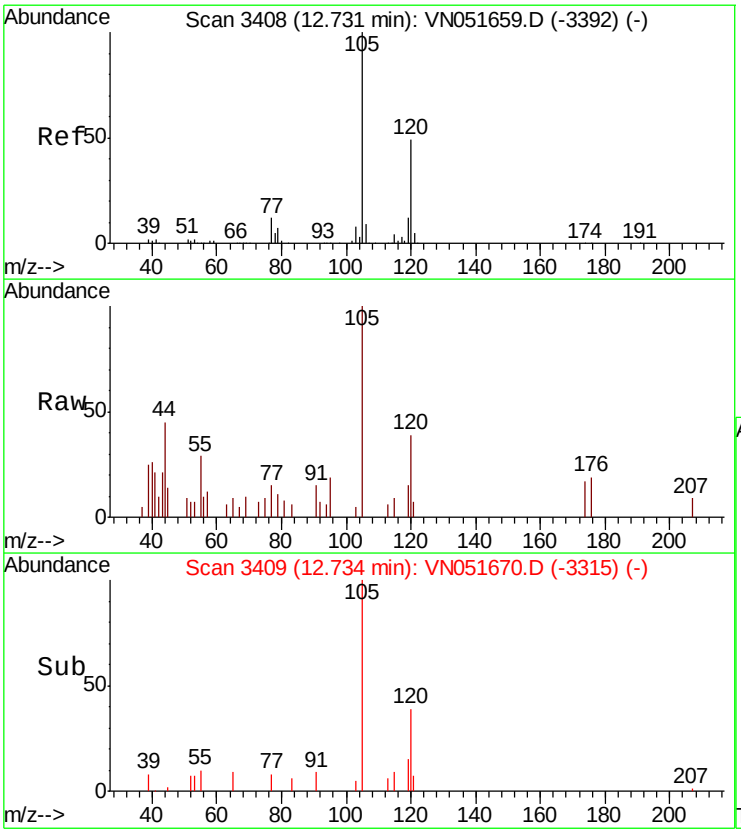
#76
1,2,3-Trichloropropane
Concen: 54.196 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 199563

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

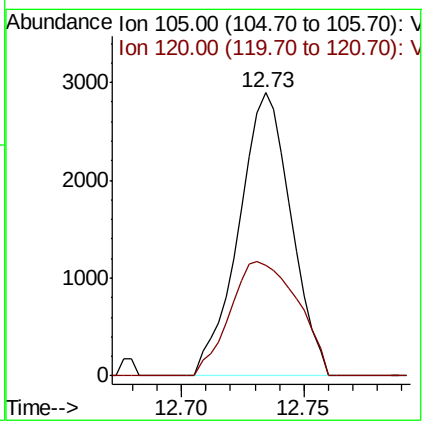


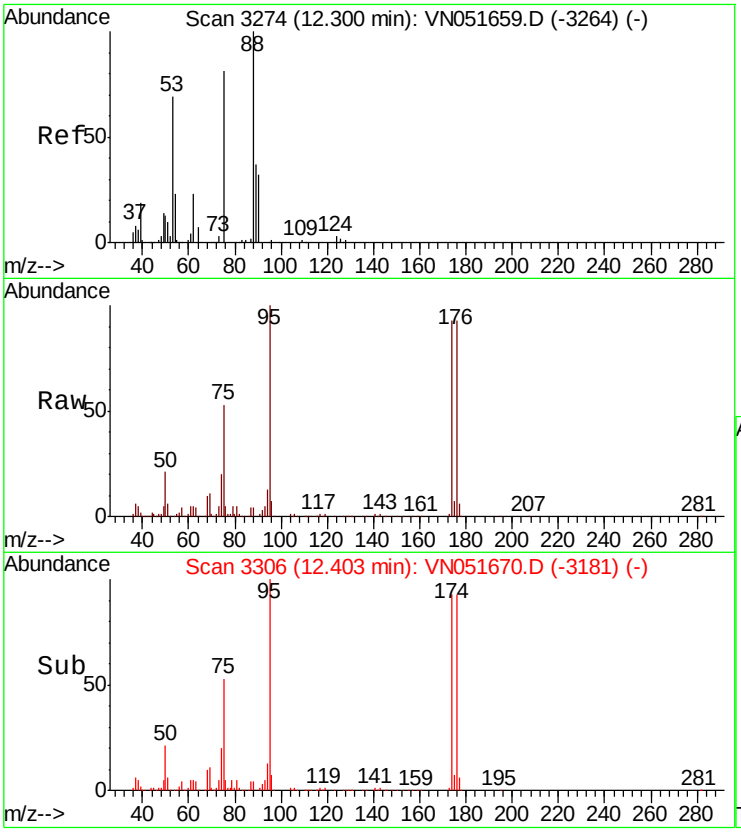


#80
1,3,5-Trimethylbenzene
Concen: 0.201 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion:105 Resp: 4305

Ion	Ratio	Lower	Upper
105	100		
120	52.2	24.6	74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 122.998 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 199563

Ion	Ratio	Lower	Upper
75	100		
53	0.1	68.6	102.8#
89	0.0	39.4	59.2#