Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
Data File : VN052990.D
Acq On : 19 Dec 2018 5:06
Operator : MD\SY
Sample : J6464-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VB16202

Quant Time: Dec 19 05:49:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1328848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2046344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1841309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	793772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	658035	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.60%			
35) Dibromofluoromethane	7.59	113	540909	57.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.74%			
50) Toluene-d8	10.09	98	2497231	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.52%			
62) 4-Bromofluorobenzene	12.40	95	844150	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.84%			
Target Compounds						Qvalue
8) Diethyl Ether	3.41	74	2489	0.321	ug/l	82
11) Tert butyl alcohol	4.78	59	249	0.303	ug/l #	74
13) Acrolein	3.61	56	158	0.212	ug/l #	1
16) Acetone	3.82	43	35671	13.491	ug/l	96
18) Methyl Acetate	4.33	43	8186	1.661	ug/l #	87
20) Methylene Chloride	4.56	84	165253	11.458	ug/l	97
25) 2-Butanone	6.84	43	2772	0.625	ug/l	96
29) Tetrahydrofuran	7.22	42	1197	0.361	ug/l #	60
31) Cyclohexane	7.67	56	21759	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	88397	4.501	ug/l #	48
38) Carbon Tetrachloride	7.67	117	115183	6.398	ug/l #	16
43) Isopropyl Acetate	8.17	43	73058	2.450	ug/l #	80
48) Methyl methacrylate	9.18	41	23466	2.205	ug/l #	23
49) 1,4-Dioxane	9.27	88	350	2.600	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	11289	1.063	ug/l	100
52) Toluene	10.16	92	47199	1.303	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	157095	6.907	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	24689	1.140	ug/l #	42
59) 2-Hexanone	10.76	43	327836	45.632	ug/l #	50
68) m/p-Xylenes	11.62	106	6066	0.227	ug/l	90
71) Bromoform	12.40	173	5494	0.536	ug/l #	1
74) N-amyl acetate	11.88	43	38931	2.258	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	397015	29.712	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	19232	0.380	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	397015	95.764	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	27692	0.544	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	658	0.642	ug/l #	75
95) Naphthalene	15.14	128	45919	2.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	357	0.535	ug/l #	1

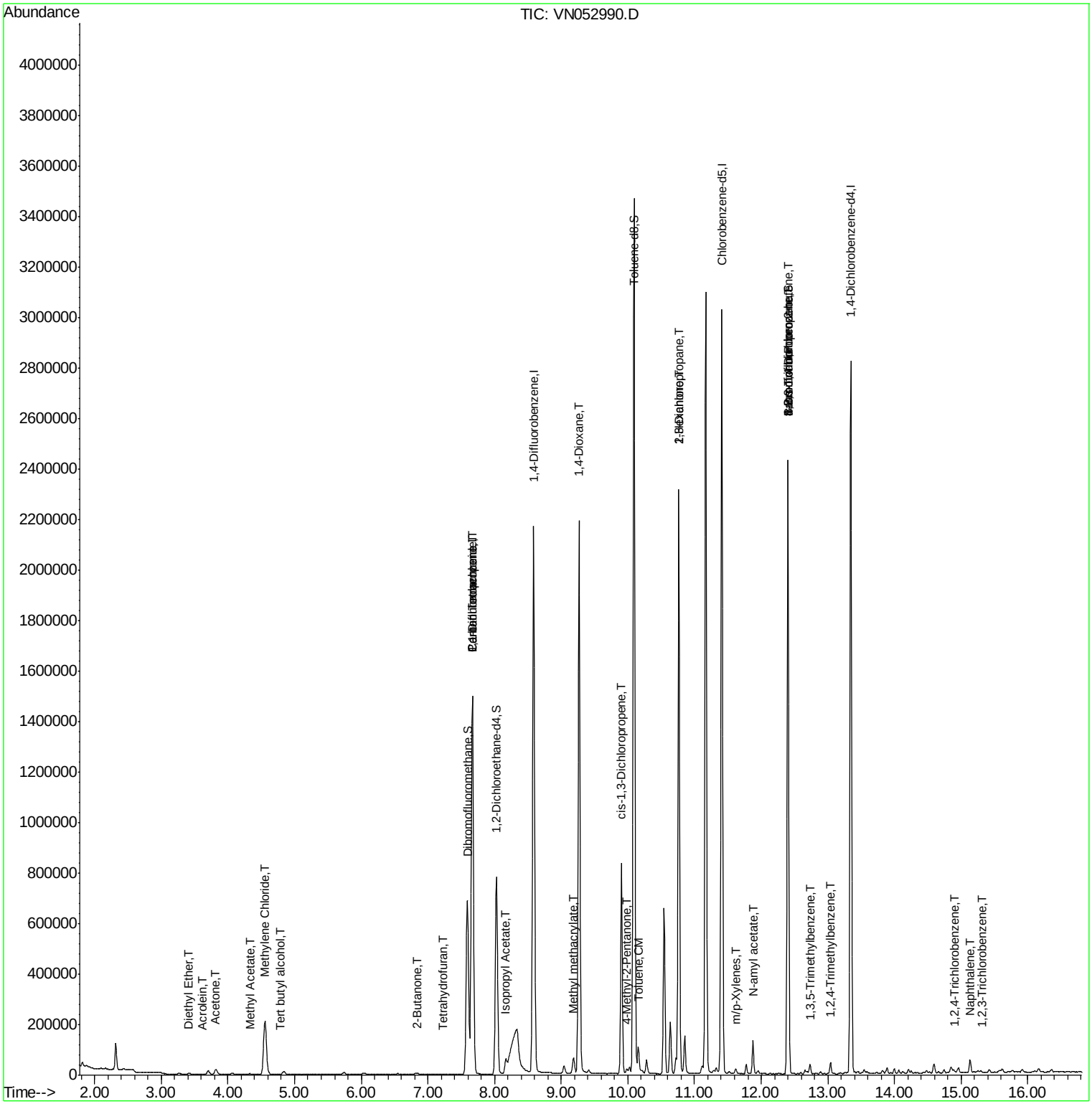
(#) = qualifier out of range (m) = manual integration (+) = signals summed

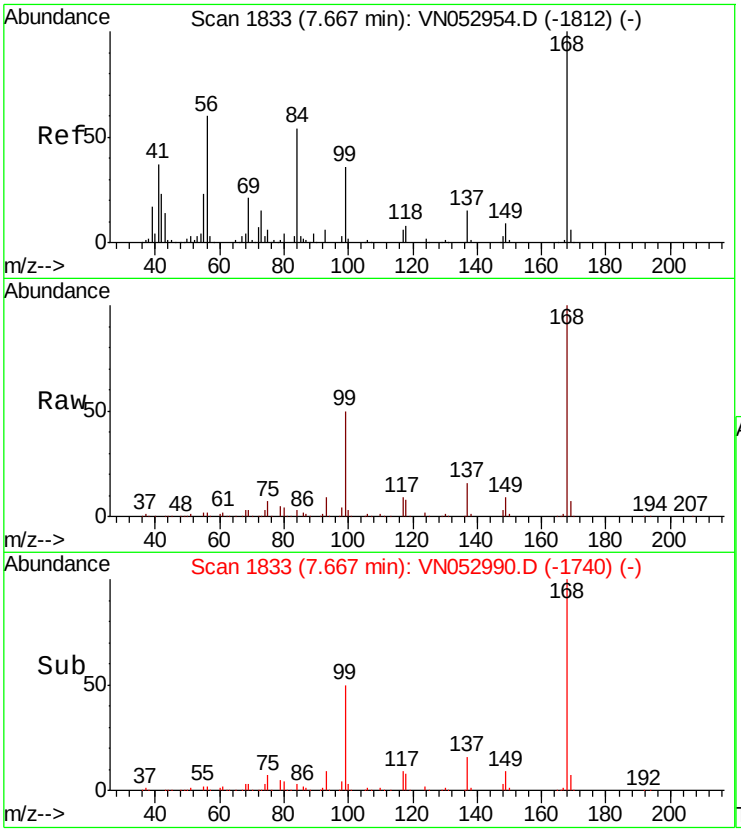
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
Data File : VN052990.D
Acq On : 19 Dec 2018 5:06
Operator : MD\SY
Sample : J6464-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VB16202

Quant Time: Dec 19 05:49:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



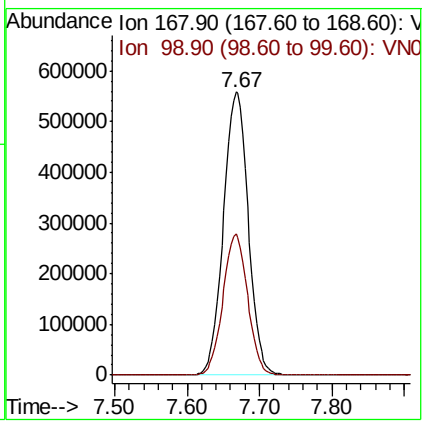


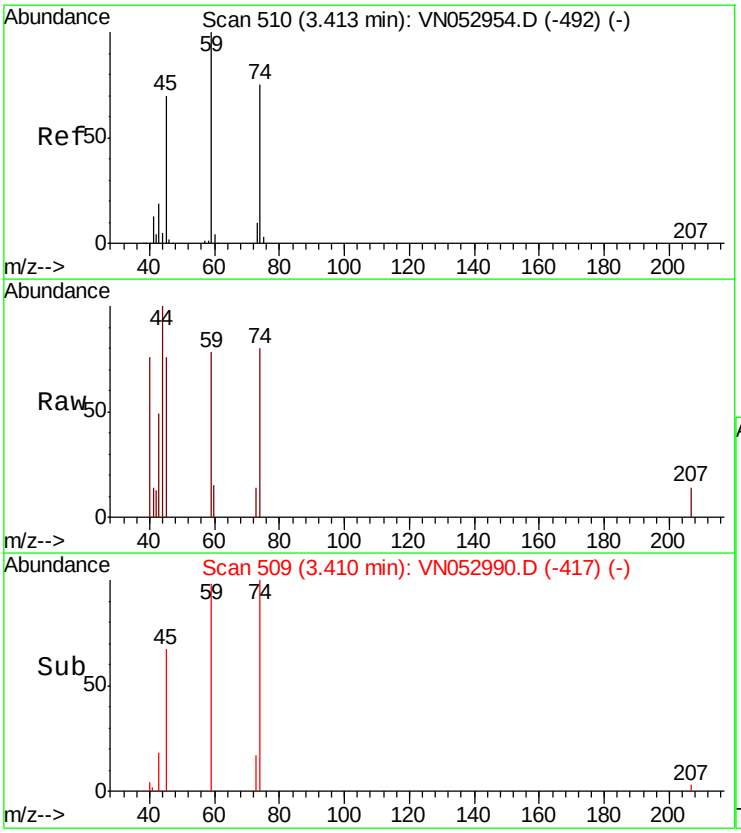
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument :
MSVOA_N
ClientSampleId :
VB16202

Tgt Ion:168 Resp: 1328848

Ion	Ratio	Lower	Upper
168	100		
99	49.8	40.2	60.2

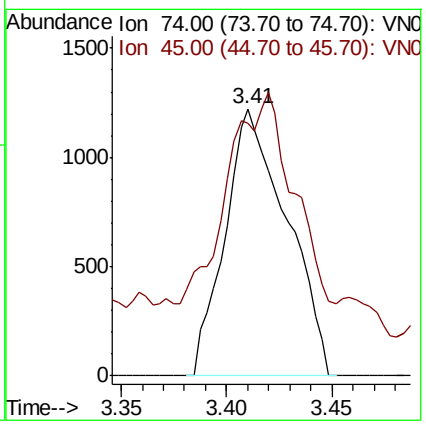


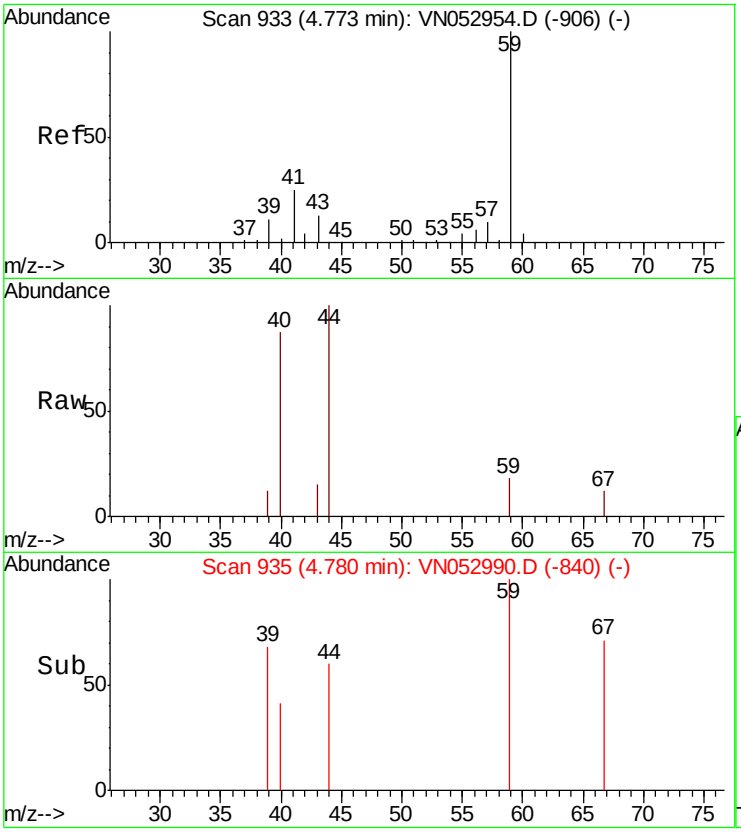


#8
Diethyl Ether
Concen: 0.321 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 74 Resp: 2489

Ion	Ratio	Lower	Upper
74	100		
45	81.2	49.4	148.0



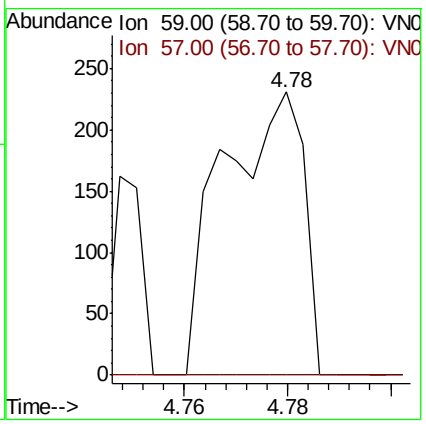


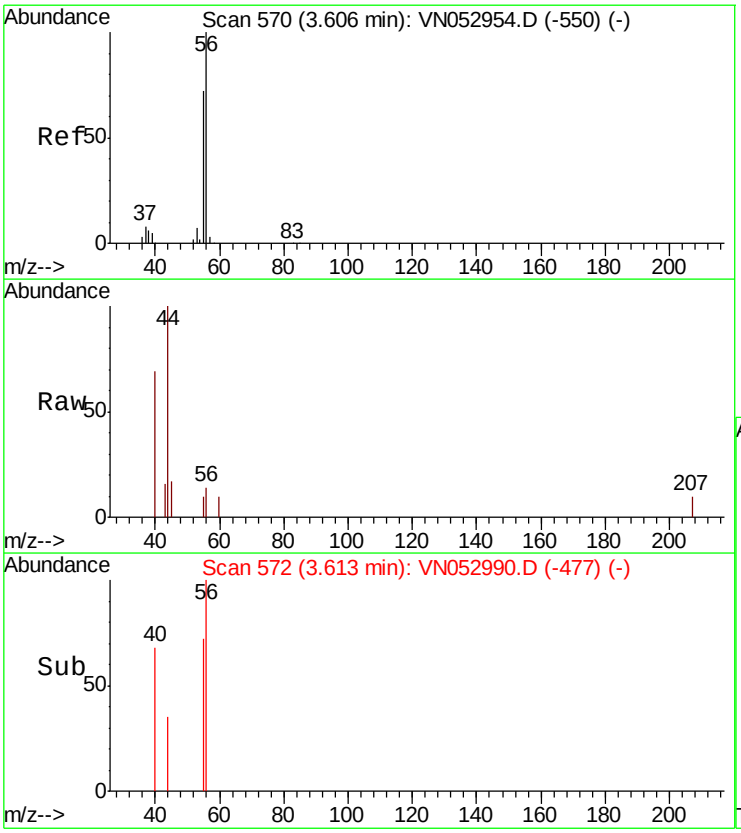
#11
Tert butyl alcohol
Concen: 0.303 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 59 Resp: 249

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

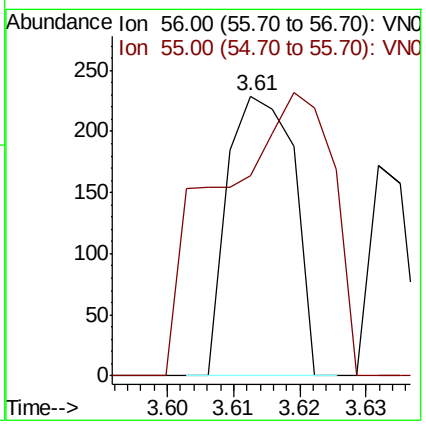


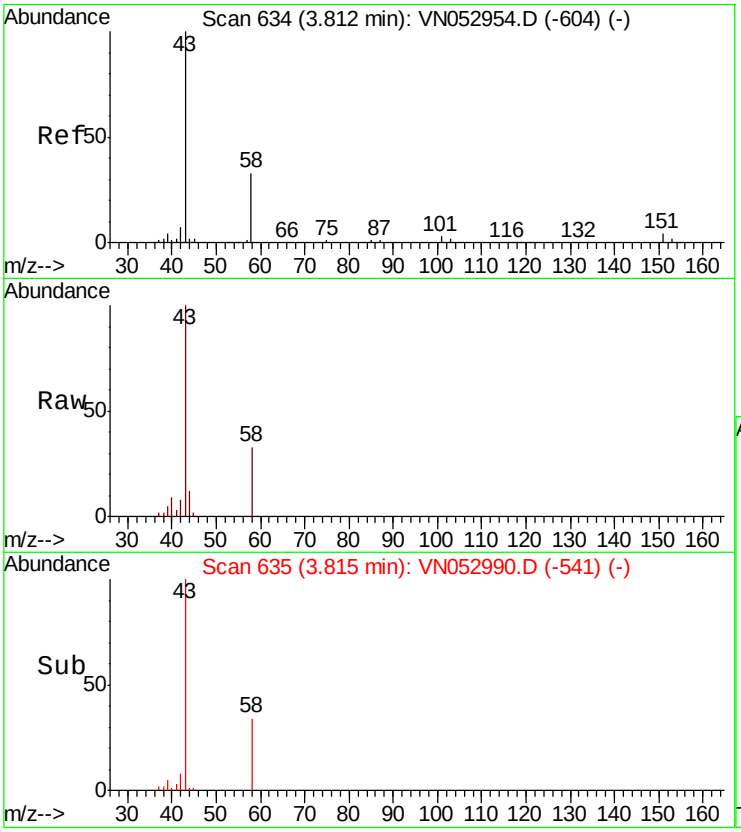


#13
Acrolein
Concen: 0.212 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 56 Resp: 158

Ion	Ratio	Lower	Upper
56	100		
55	175.9	56.6	85.0#



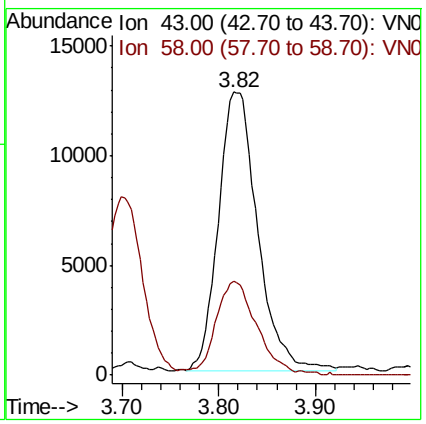


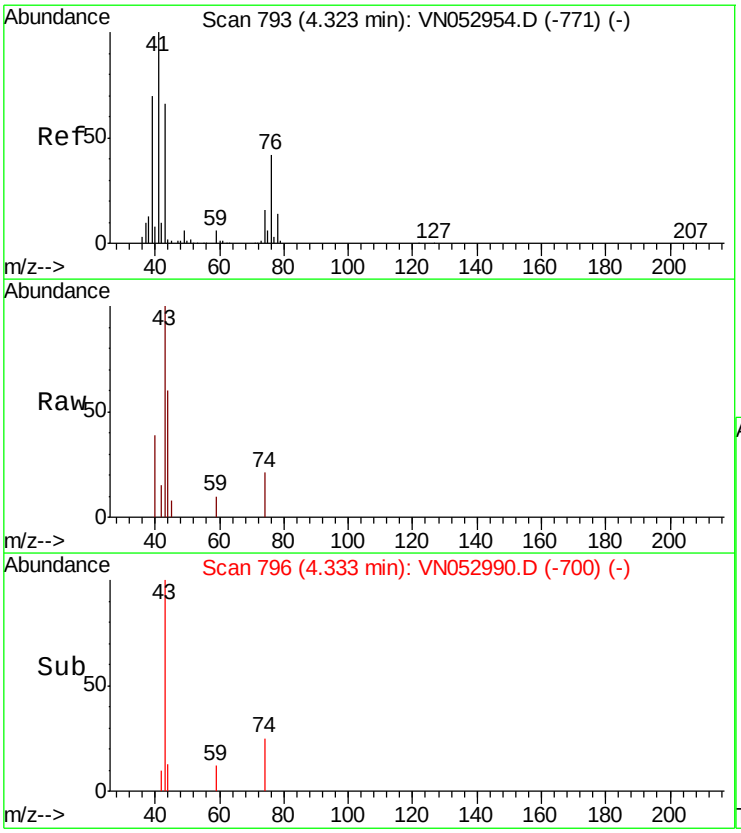
#16
Acetone
Concen: 13.491 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 35671

Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.4	38.0

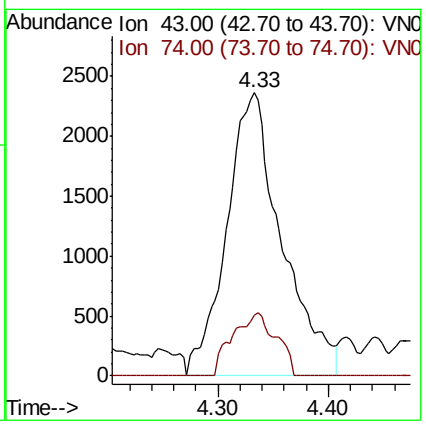


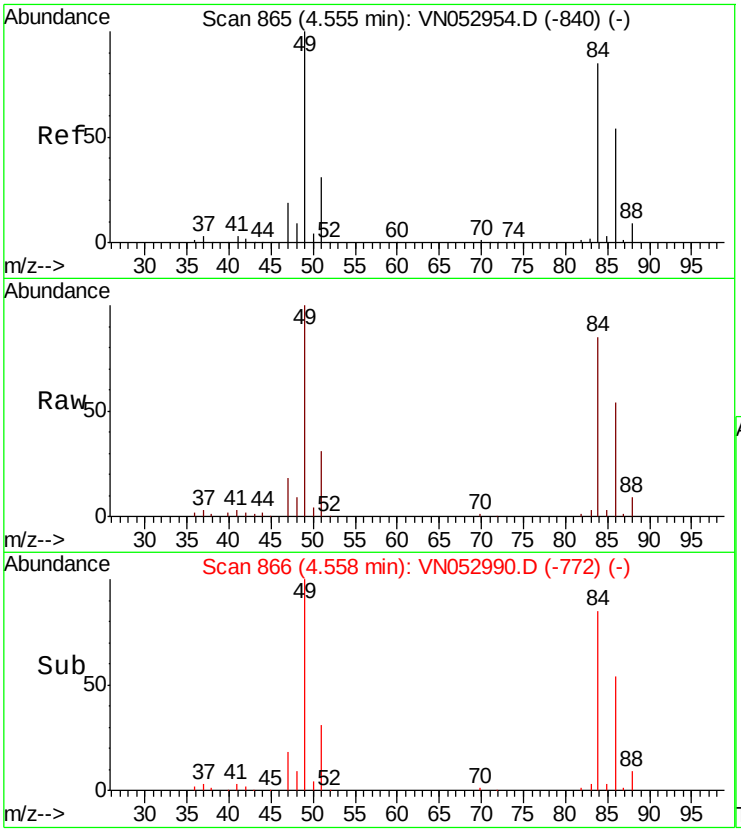


#18
Methyl Acetate
Concen: 1.661 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 43 Resp: 8186

Ion	Ratio	Lower	Upper
43	100		
74	17.4	19.2	28.8#



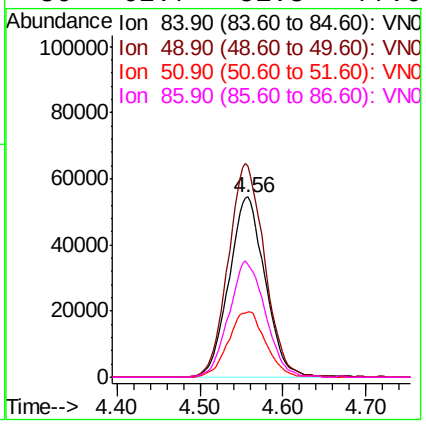


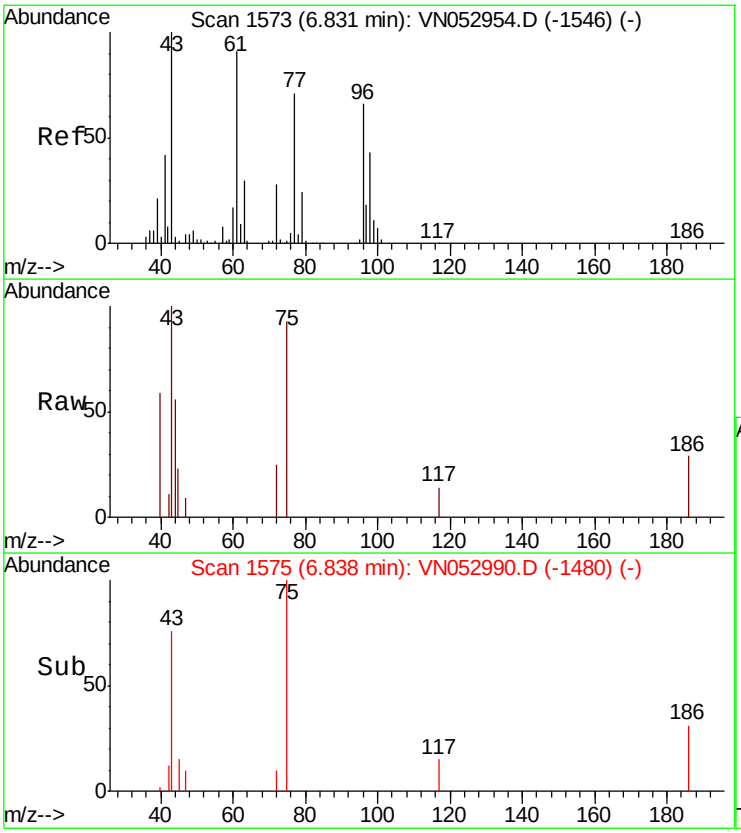
#20
Methylene Chloride
Concen: 11.458 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 84 Resp: 165253

Ion	Ratio	Lower	Upper
84	100		
49	117.1	96.8	145.2
51	36.2	29.9	44.9
86	62.7	51.8	77.6

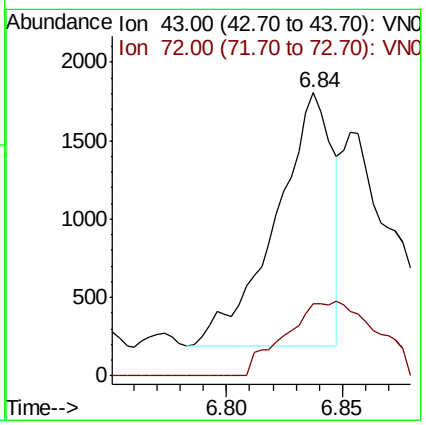


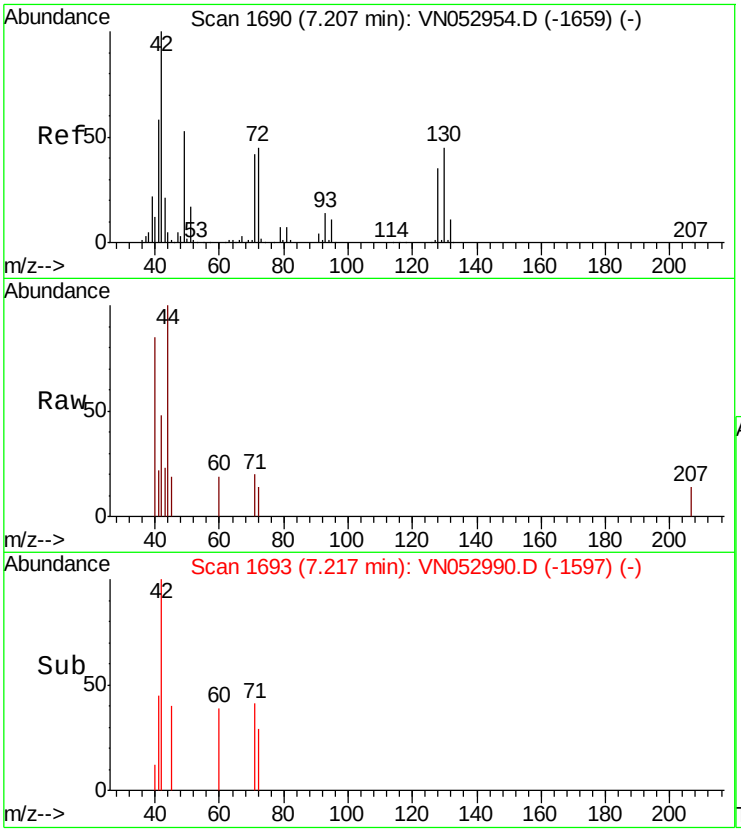


#25
2-Butanone
Concen: 0.625 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 43 Resp: 2772

Ion	Ratio	Lower	Upper
43	100		
72	28.3	21.0	31.6



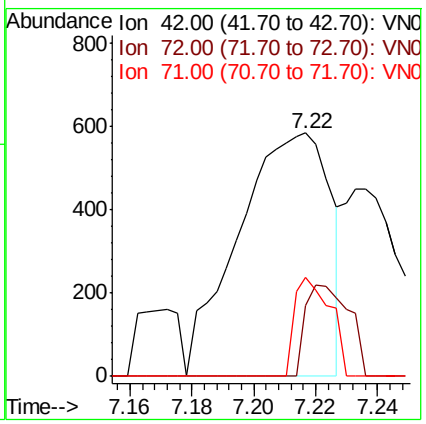


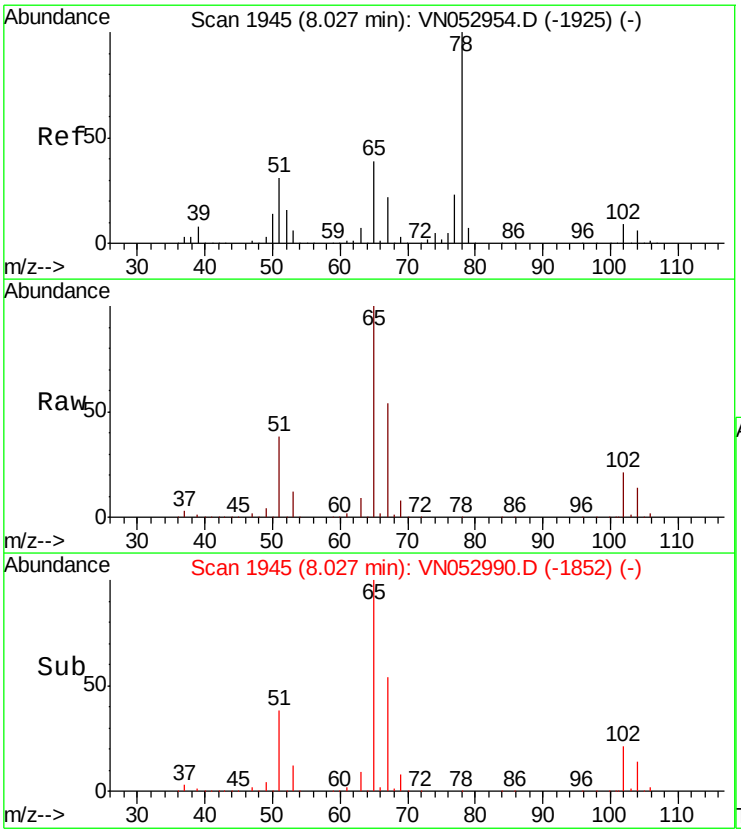
#29
Tetrahydrofuran
Concen: 0.361 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 42 Resp: 1197

Ion	Ratio	Lower	Upper
42	100		
72	17.8	34.7	52.1#
71	15.8	32.3	48.5#

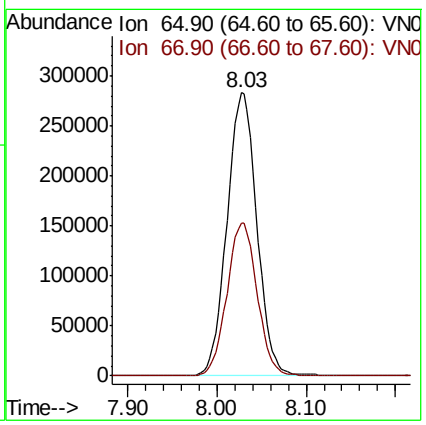


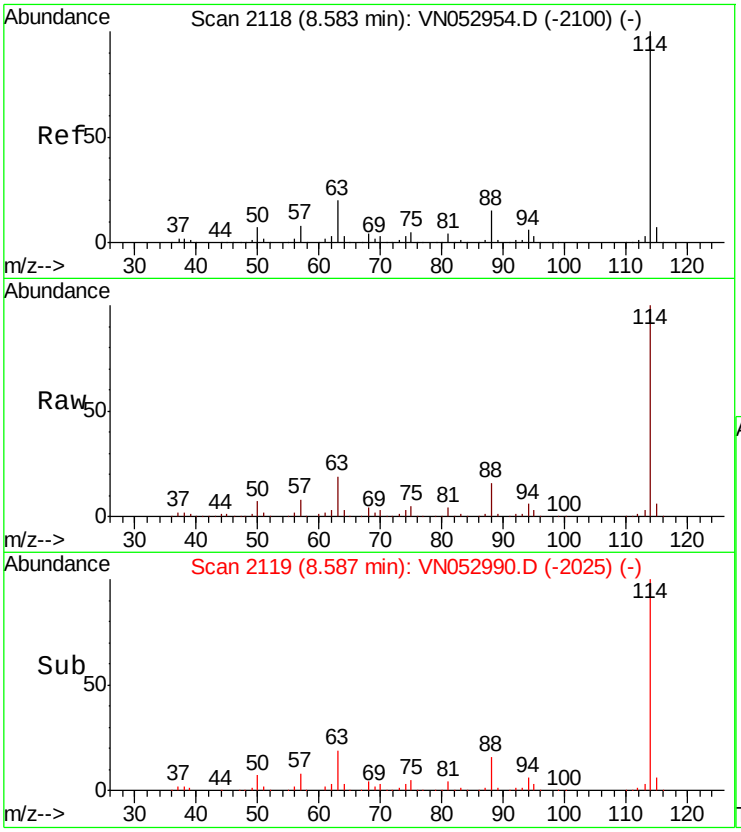


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 65 Resp: 658035

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.4



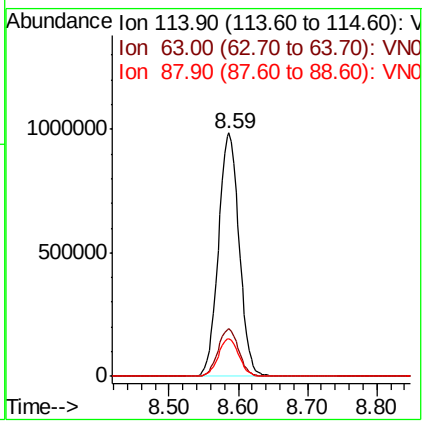


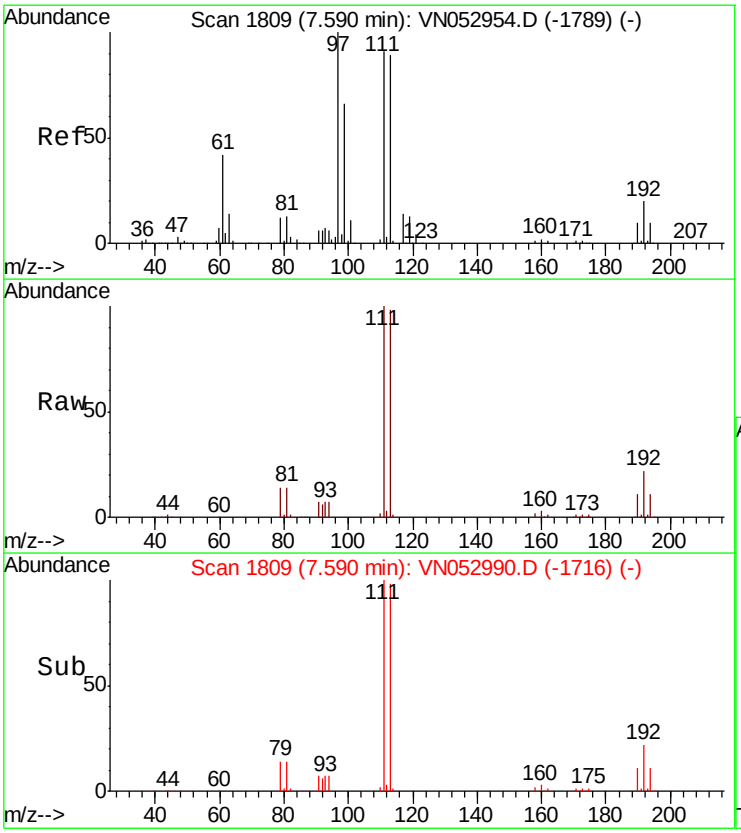
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion:114 Resp: 2046344

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.8
88	15.6	0.0	31.0

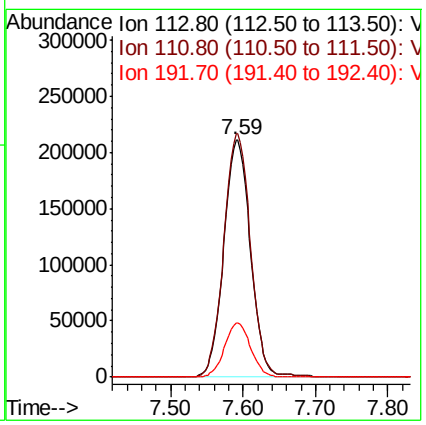


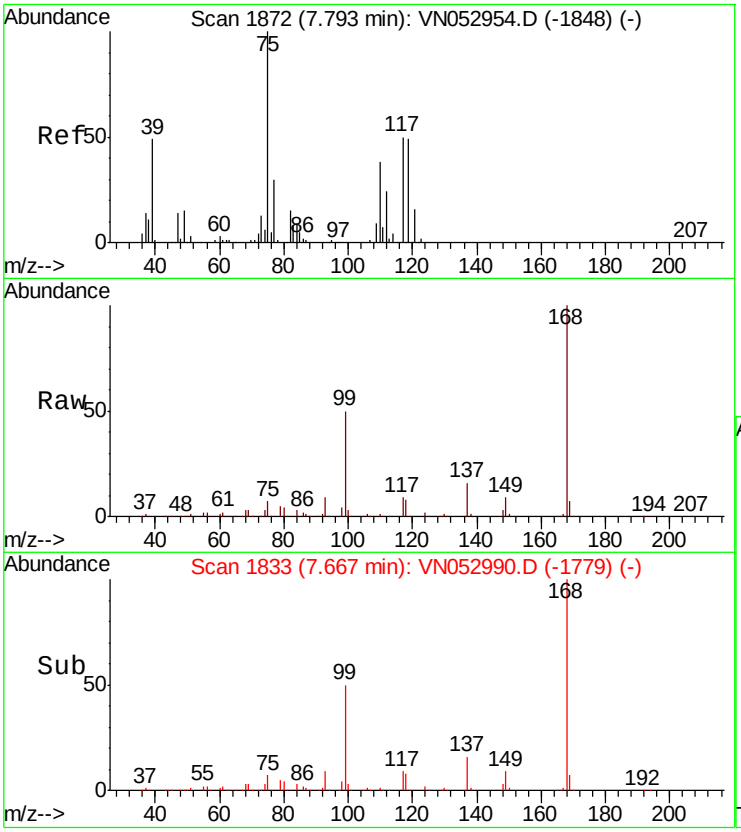


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion:113 Resp: 540909

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.4
192	22.4	17.5	26.3



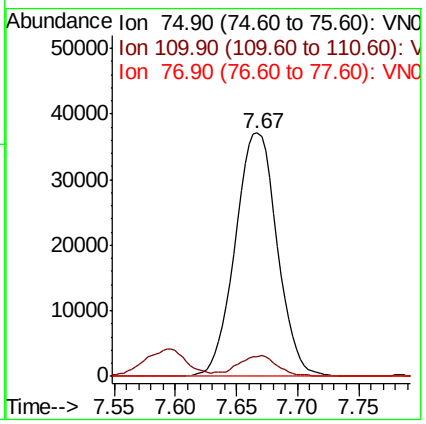


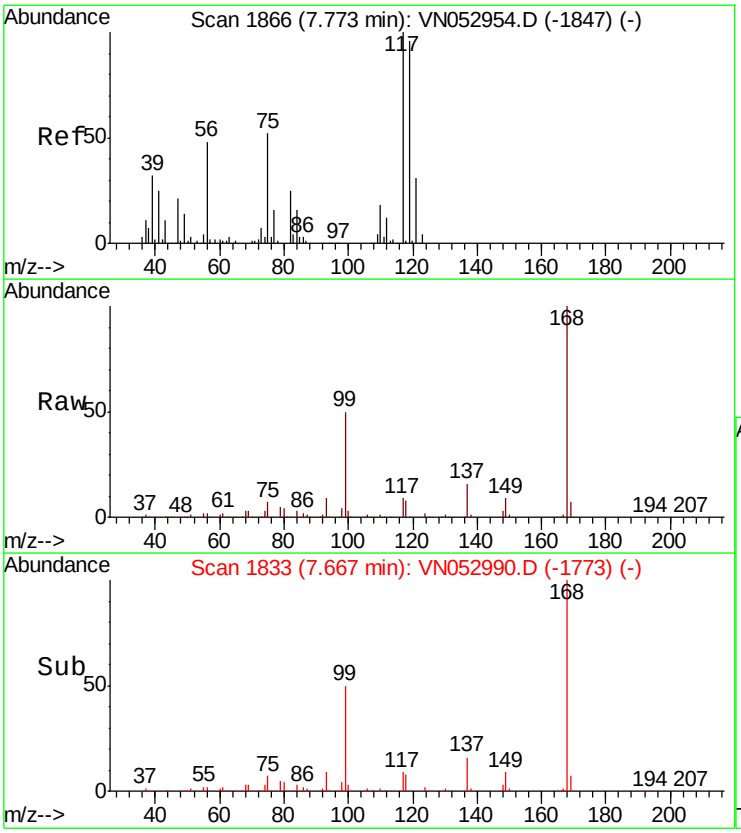
#36
1,1-Dichloropropene
Concen: 4.501 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument :
MSVOA_N
ClientSampleId :
VB16202

Tgt Ion: 75 Resp: 88397

Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.2	54.6#
77	0.0	24.9	37.3#

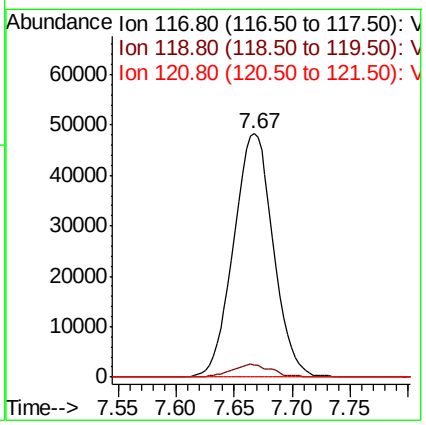


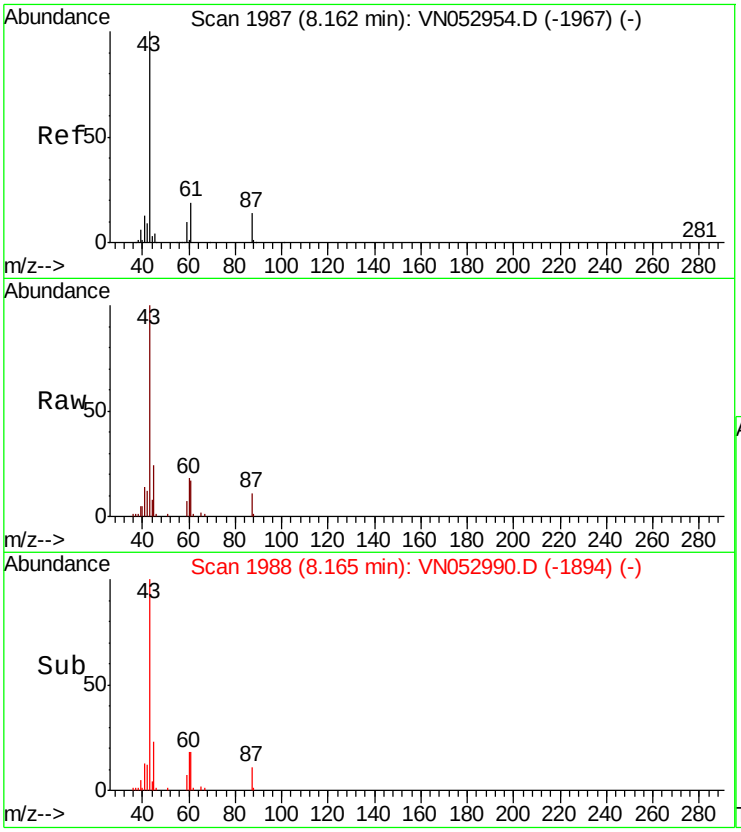


#38
Carbon Tetrachloride
Concen: 6.398 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion:117 Resp: 115183

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.1	115.7#
121	0.0	24.9	37.3#



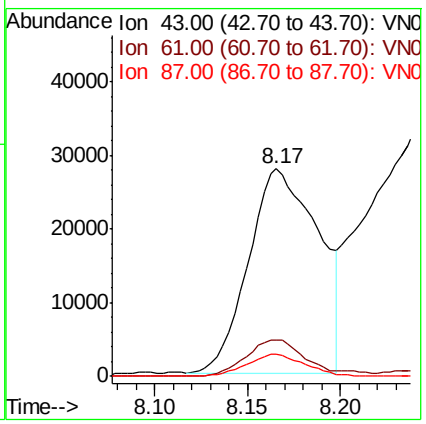


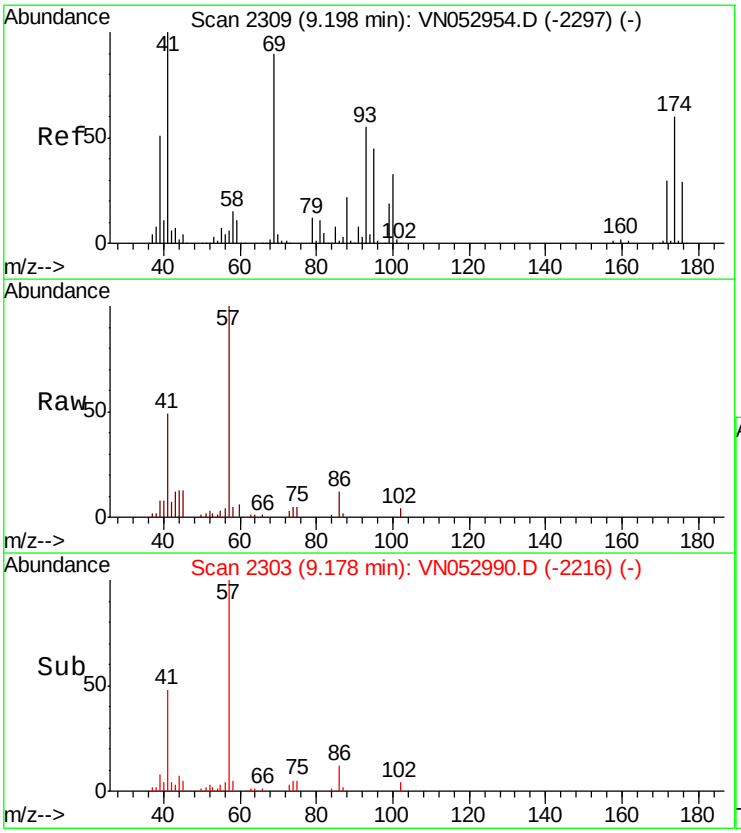
#43
Isopropyl Acetate
Concen: 2.450 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 73058

Ion	Ratio	Lower	Upper
43	100		
61	15.8	22.9	34.3#
87	9.0	10.6	15.8#

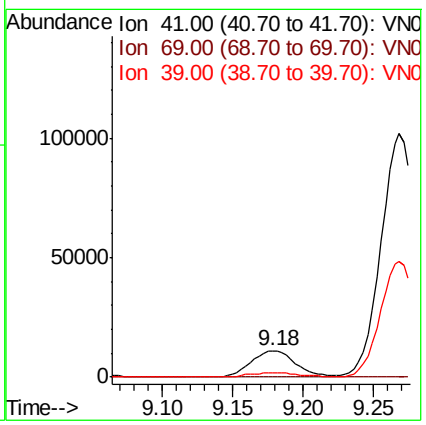


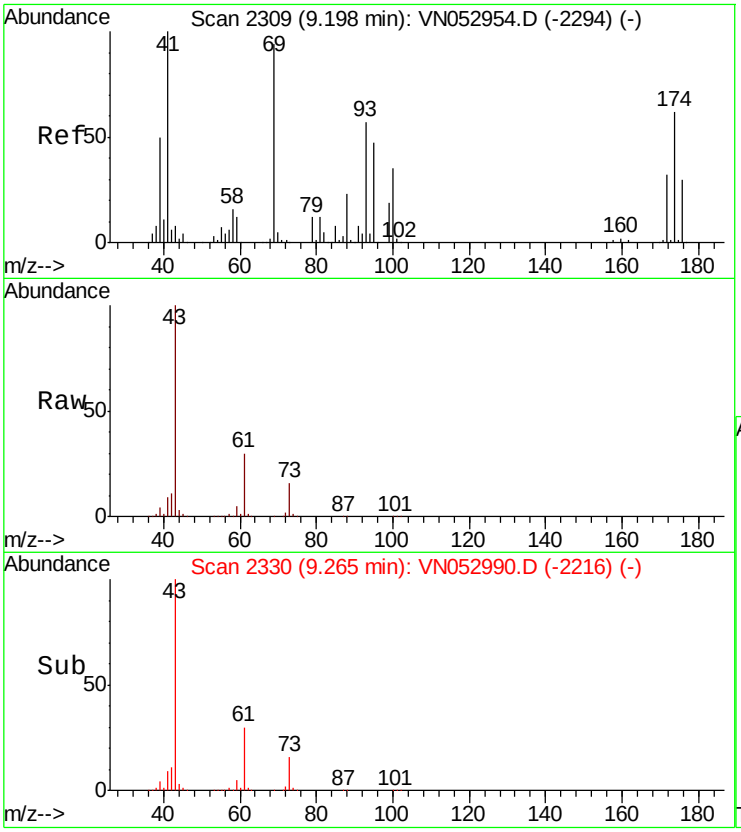


#48
Methyl methacrylate
Concen: 2.205 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 41 Resp: 23466

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	20.6	41.9	62.9#



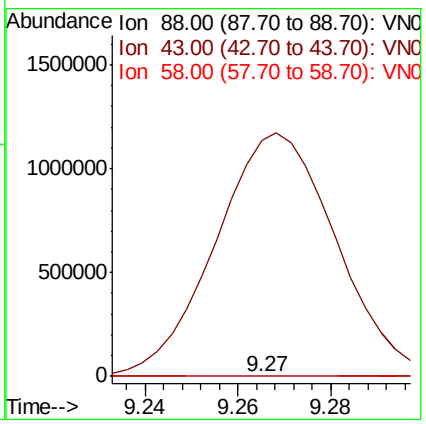


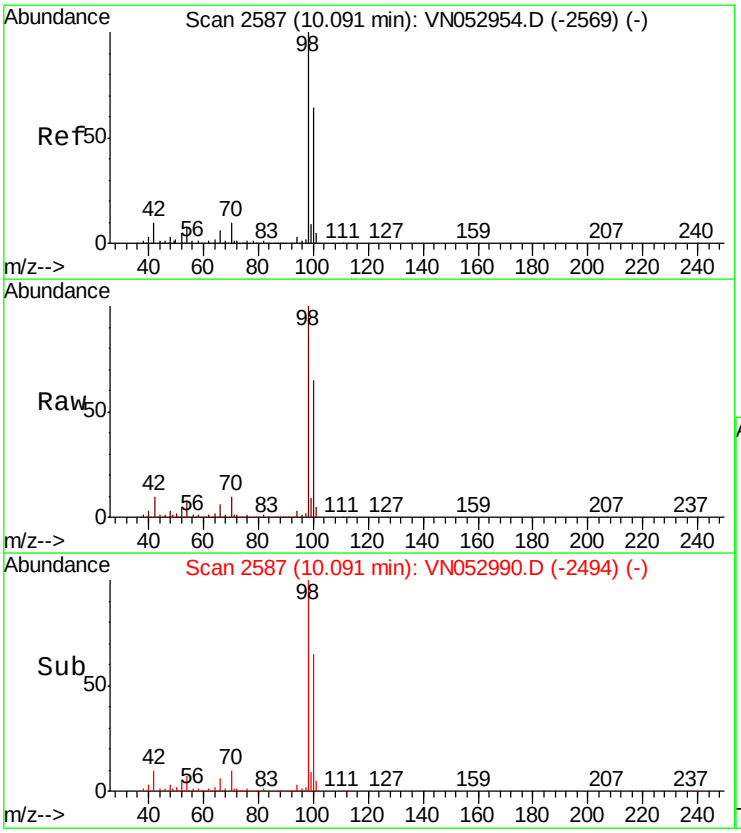
#49
1,4-Dioxane
Concen: 2.600 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 88 Resp: 350

Ion	Ratio	Lower	Upper
88	100		
43	613011.1	26.6	40.0#
58	2532.3	58.4	87.6#

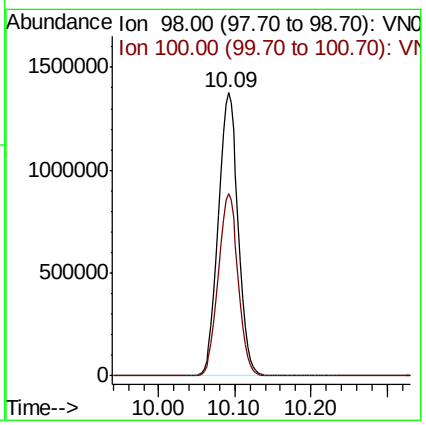


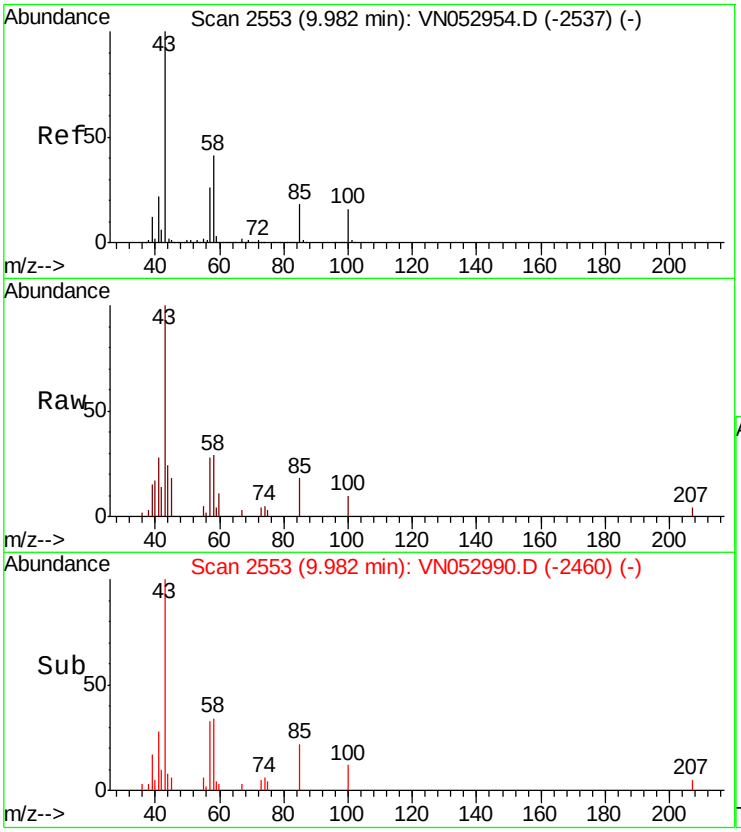


#50
Toluene-d8
Concen: 2.600 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 98 Resp: 2497231

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4



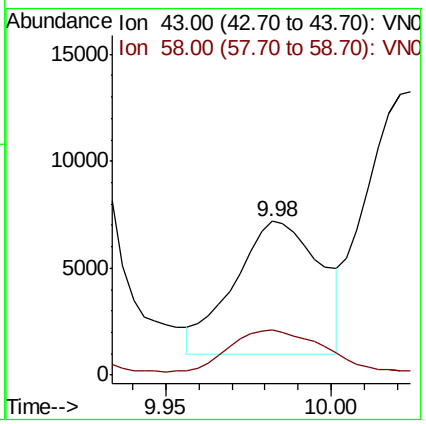


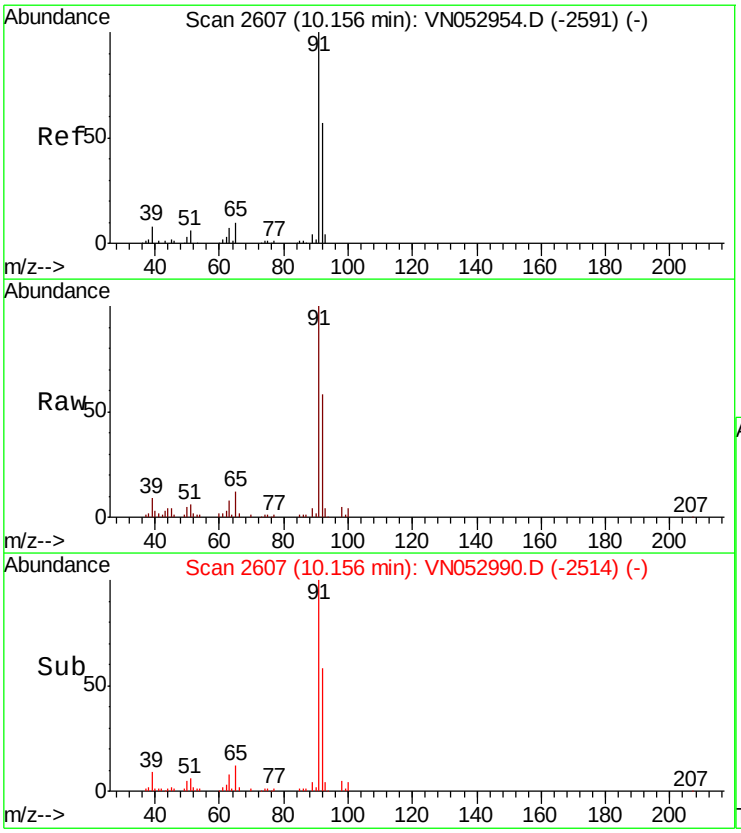
#51
4-Methyl-2-Pentanone
Concen: 1.063 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 11289

Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.2	48.4

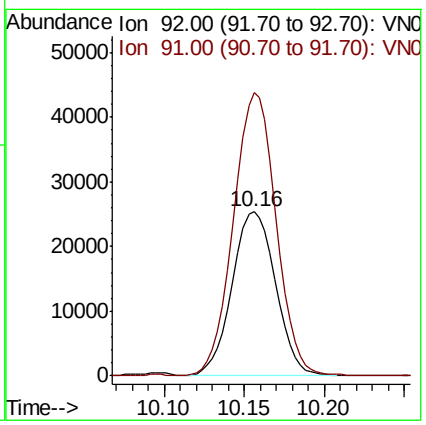


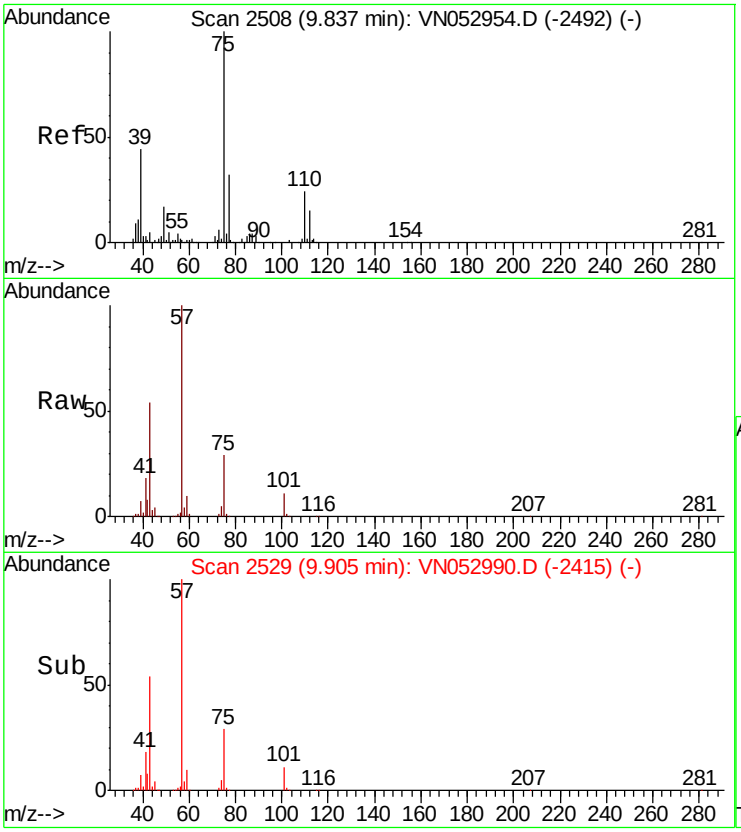


#52
Toluene
Concen: 1.303 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 92 Resp: 47199

Ion	Ratio	Lower	Upper
92	100		
91	169.1	139.8	209.6



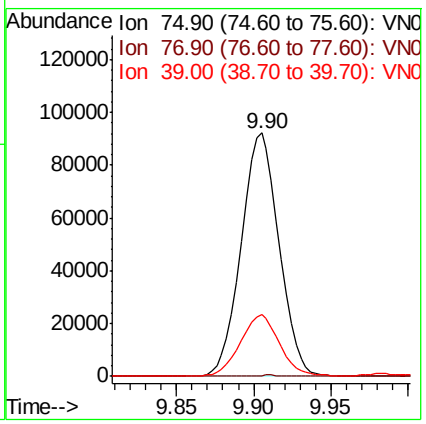


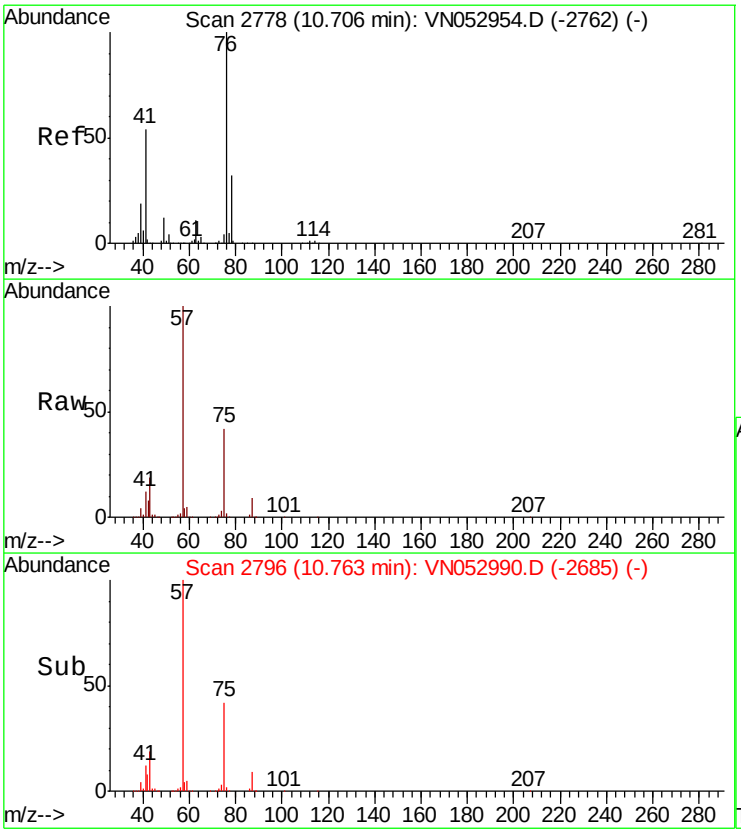
#54
cis-1,3-Dichloropropene
Concen: 6.907 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 75 Resp: 157095

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.8#
39	25.4	34.8	52.2#

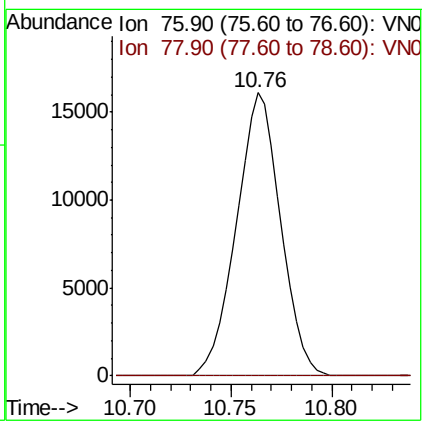


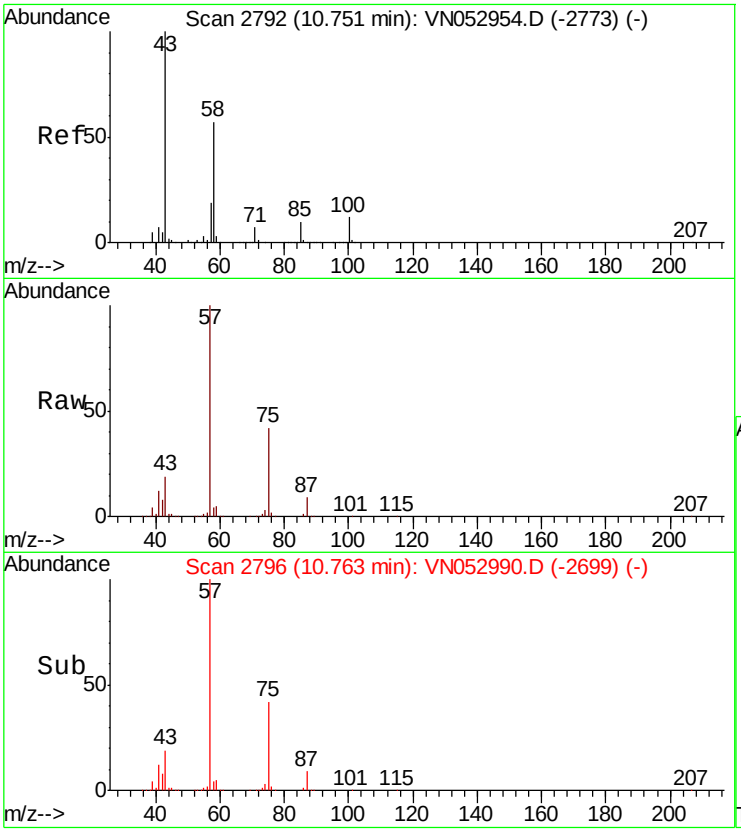


#57
1,3-Dichloropropane
Concen: 1.140 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 76 Resp: 24689

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



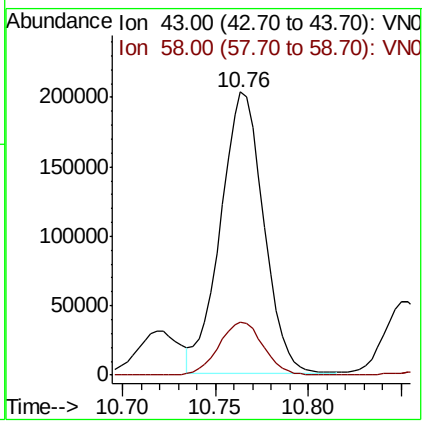


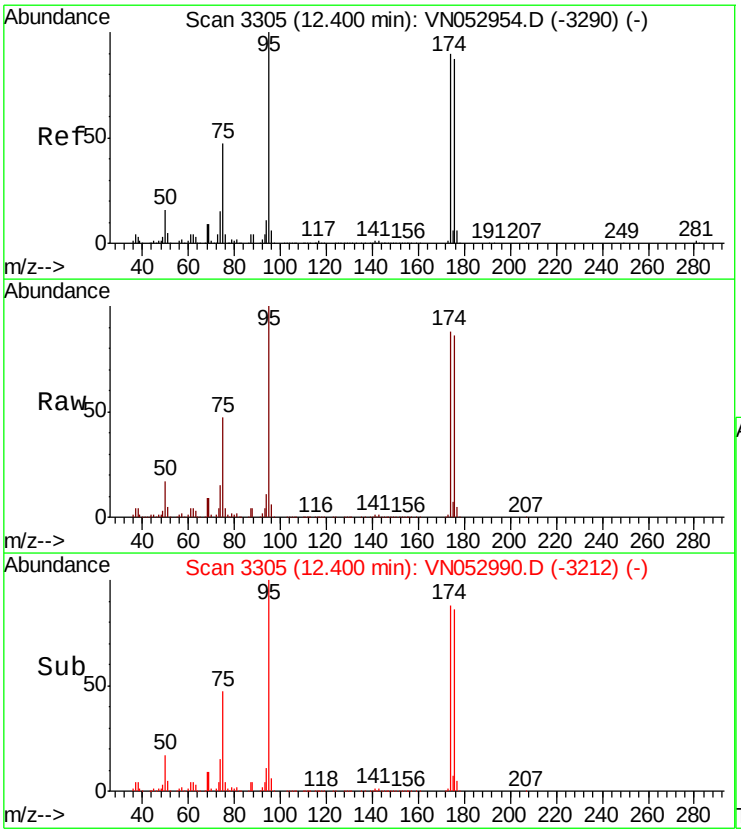
#59
2-Hexanone
Concen: 45.632 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 327836

Ion	Ratio	Lower	Upper
43	100		
58	19.6	28.1	84.3#

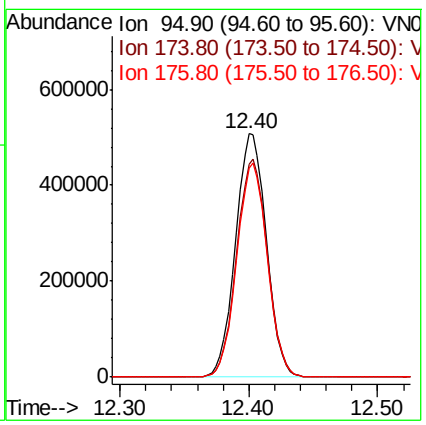


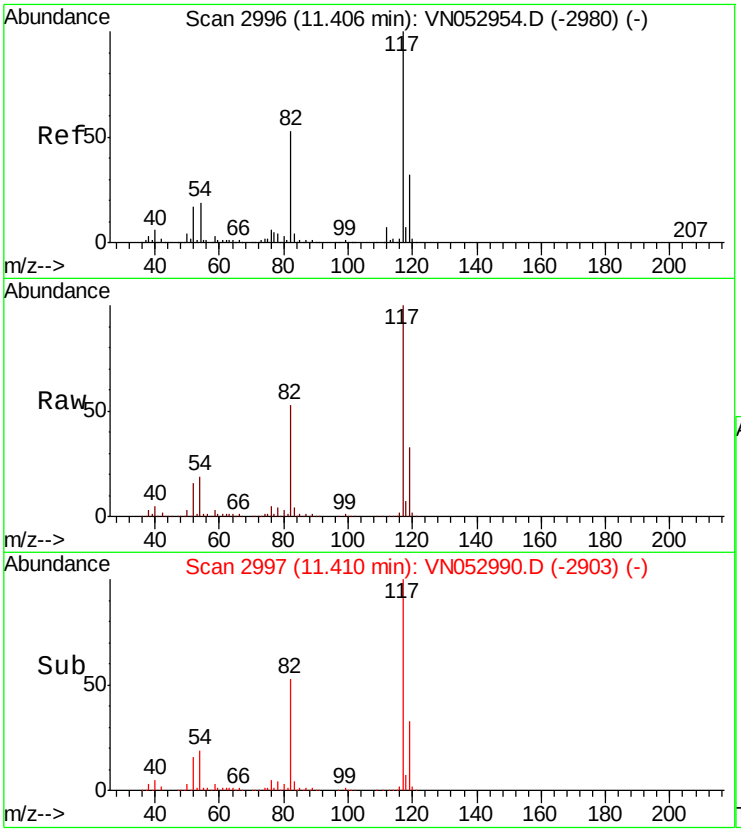


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 95 Resp: 844150

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	178.8
176	87.0	0.0	173.8



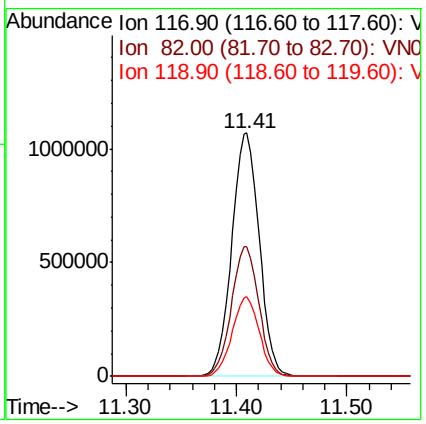


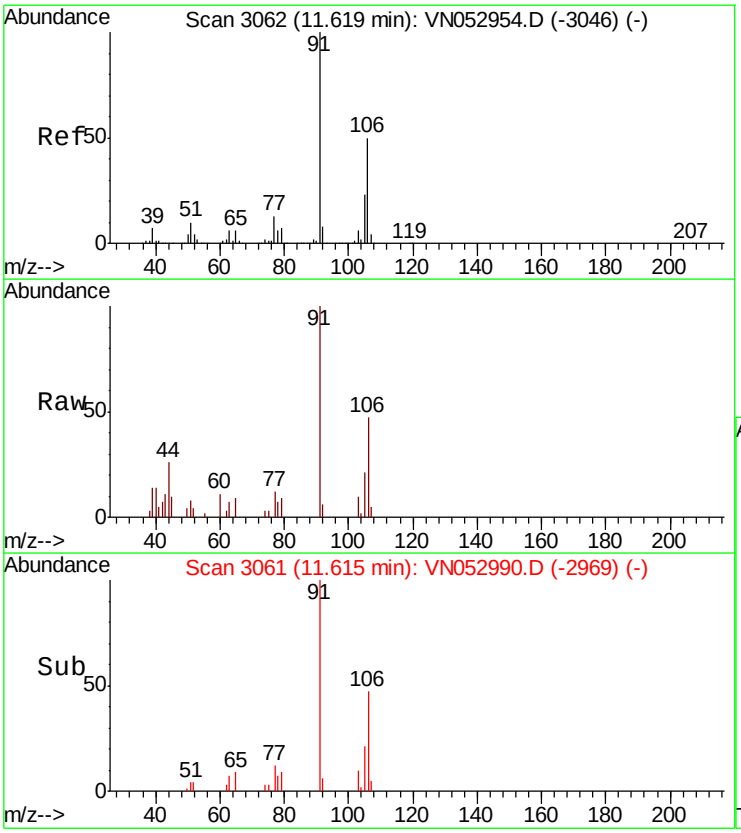
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion:117 Resp: 1841309

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.8	64.2
119	32.7	25.5	38.3

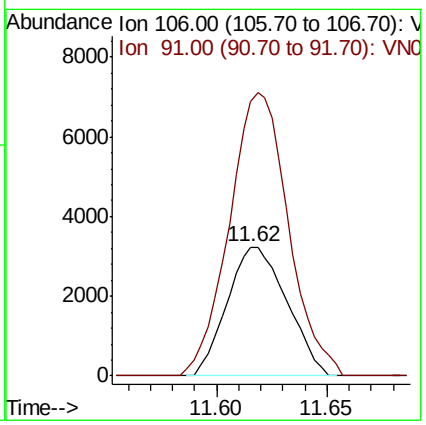


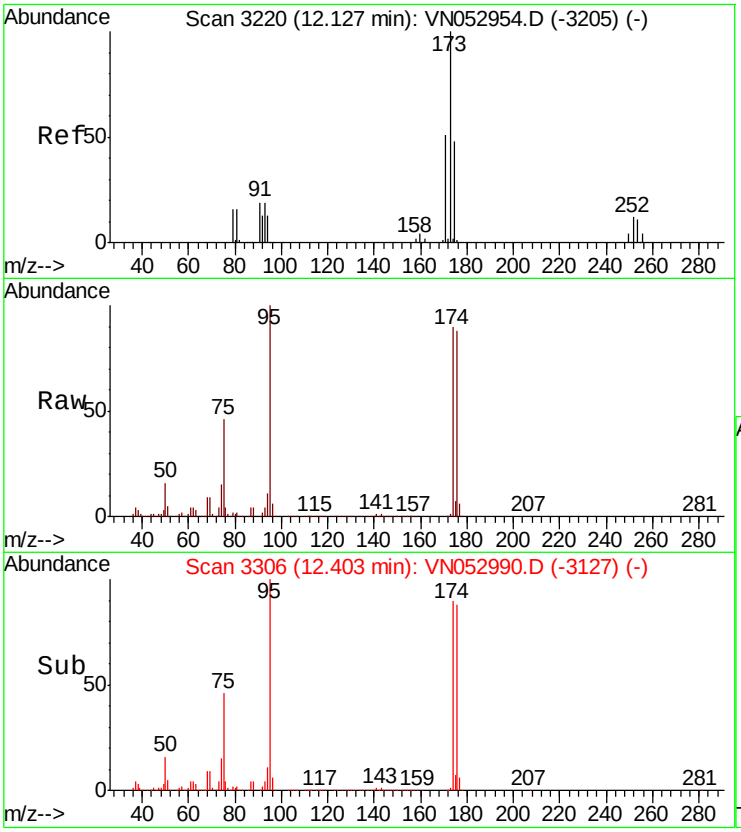


#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion:106 Resp: 6066

Ion	Ratio	Lower	Upper
106	100		
91	218.3	162.2	243.4



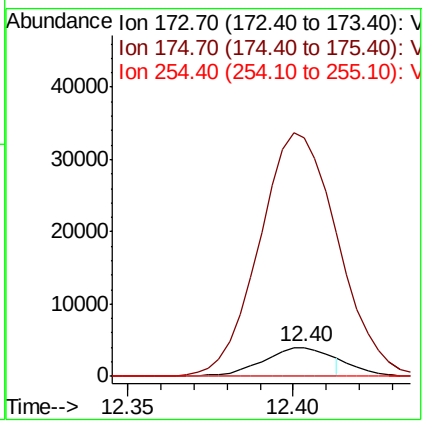


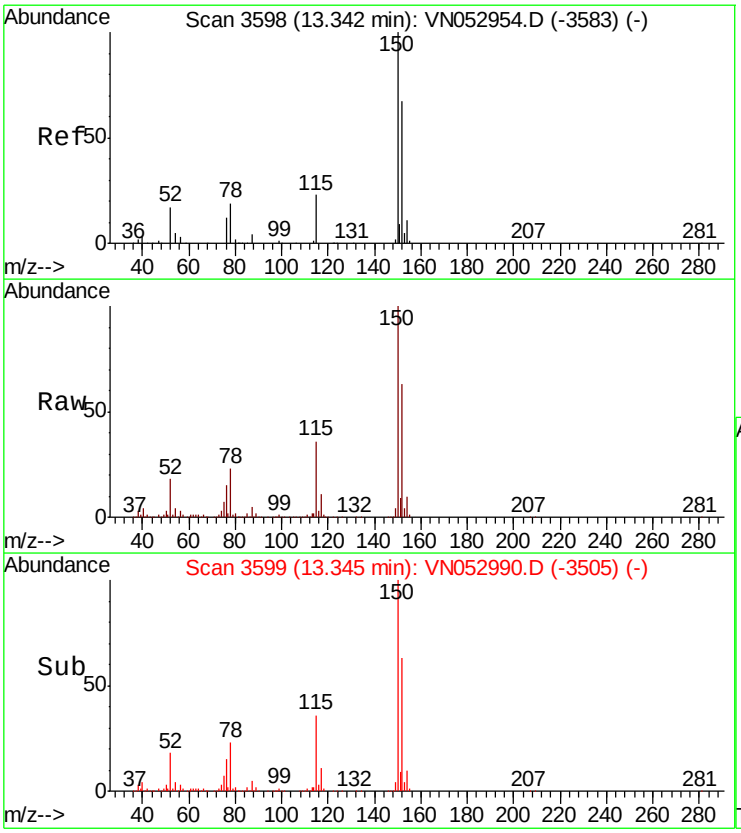
#71
Bromoform
Concen: 0.536 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion:173 Resp: 5494

Ion	Ratio	Lower	Upper
173	100		
175	883.2	24.3	72.9#
254	0.0	0.1	0.1#

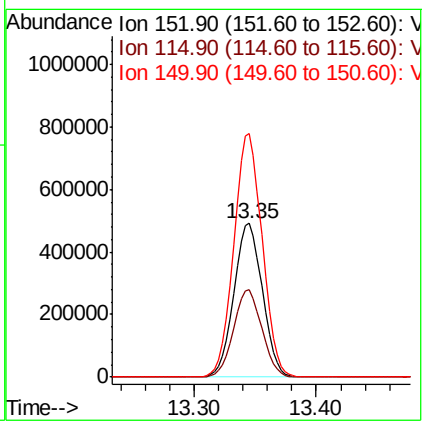


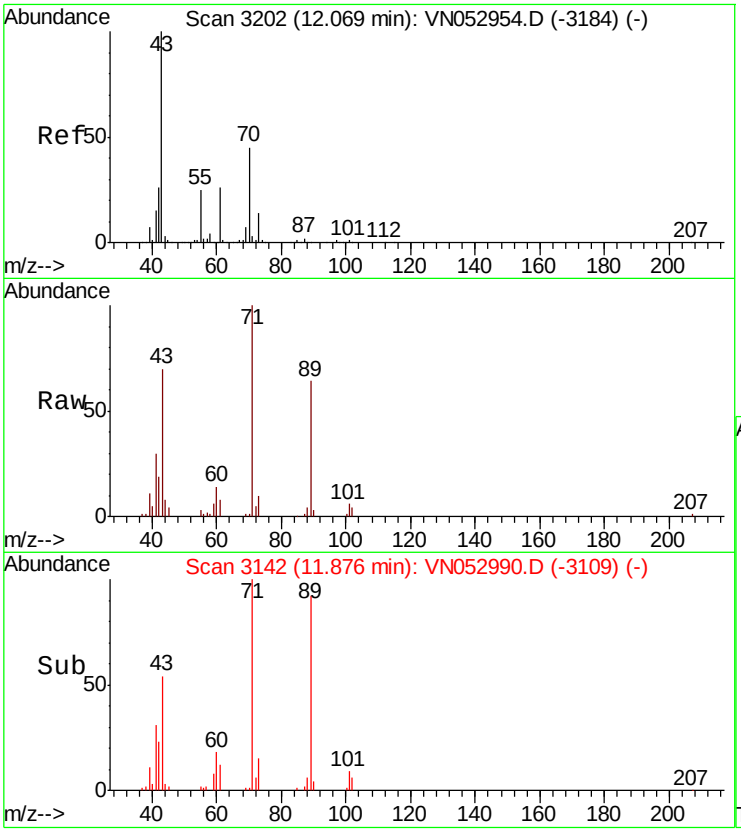


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion:152 Resp: 793772

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.3	85.0
150	157.4	0.0	347.8



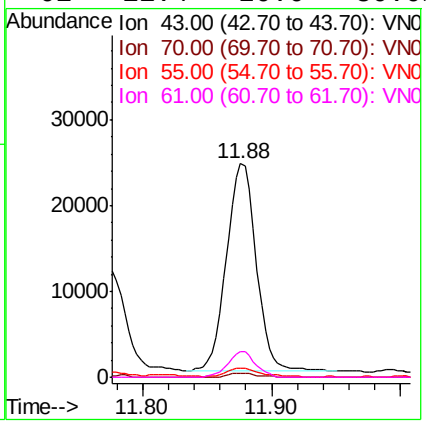


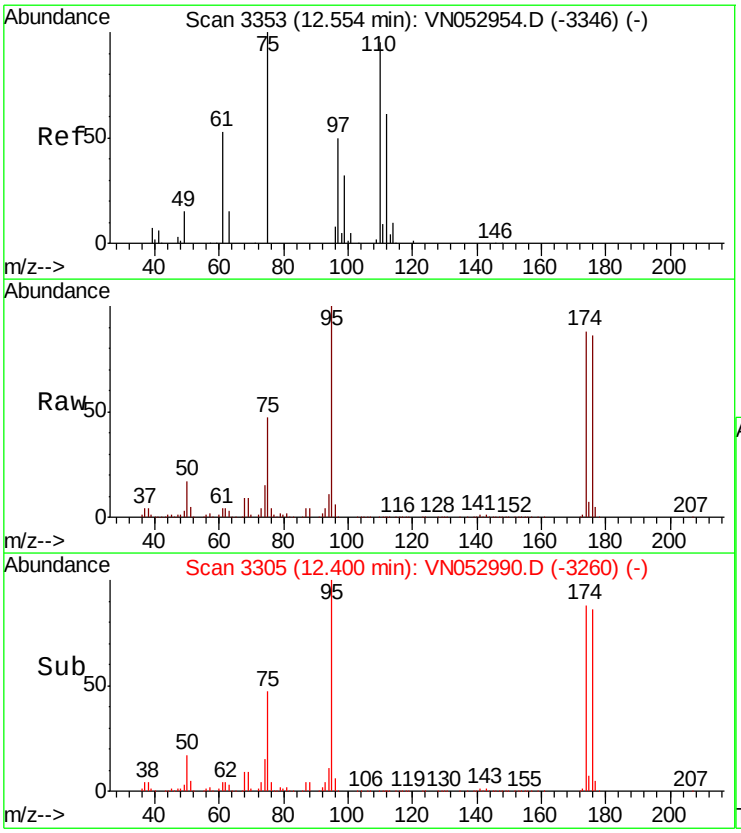
#74
N-amyl acetate
Concen: 2.258 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 38931

Ion	Ratio	Lower	Upper
43	100		
70	1.8	34.2	51.4#
55	5.1	20.3	30.5#
61	11.4	20.0	30.0#

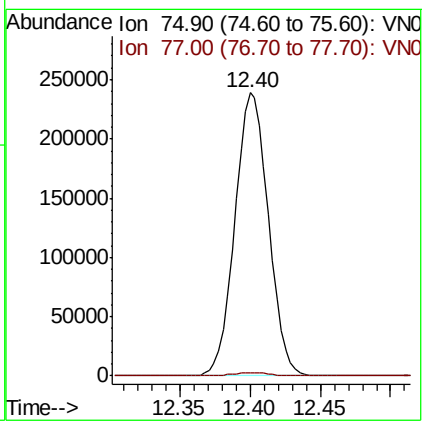


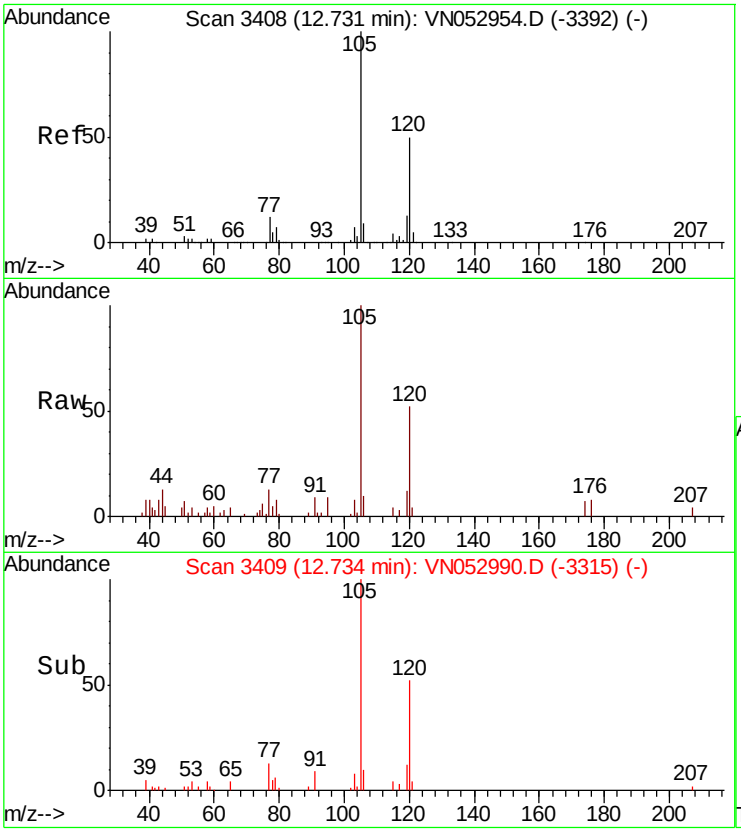


#76
1,2,3-Trichloropropane
Concen: 29.712 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 75 Resp: 397015

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



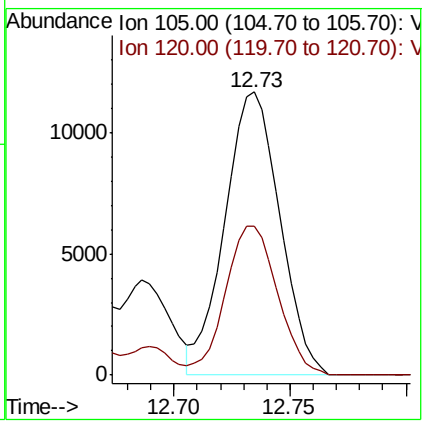


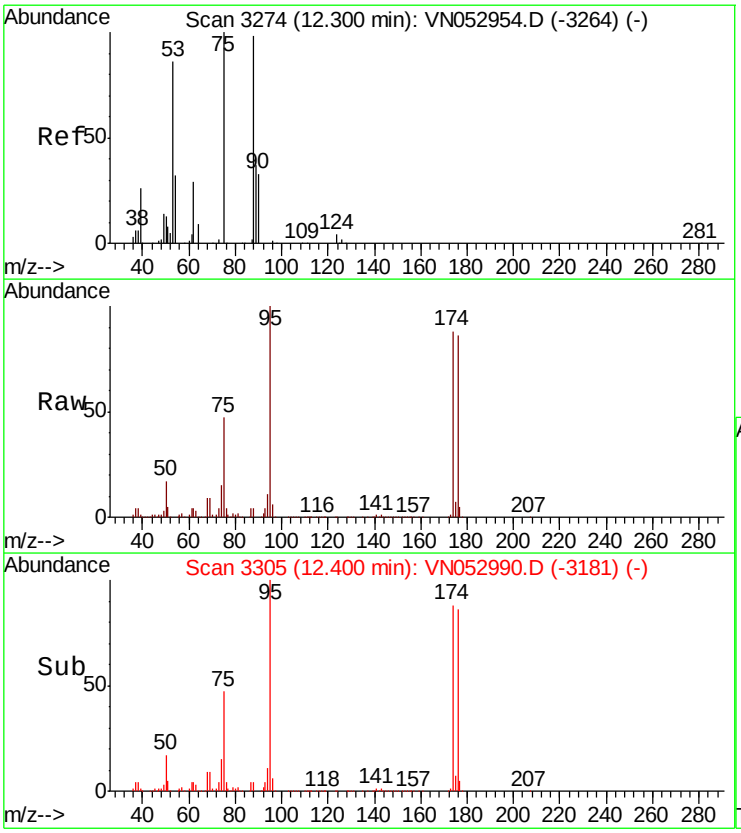
#80
1,3,5-Trimethylbenzene
Concen: 0.380 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument :
MSVOA_N
ClientSampleId :
VB16202

Tgt Ion:105 Resp: 19232

Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.4	73.2

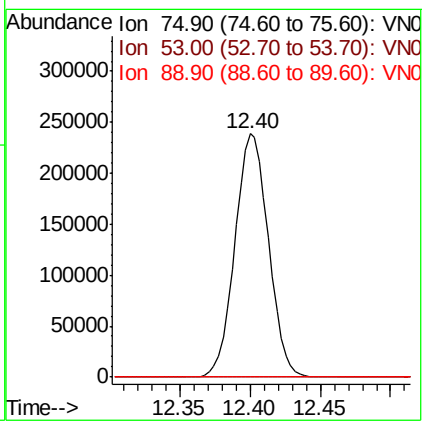


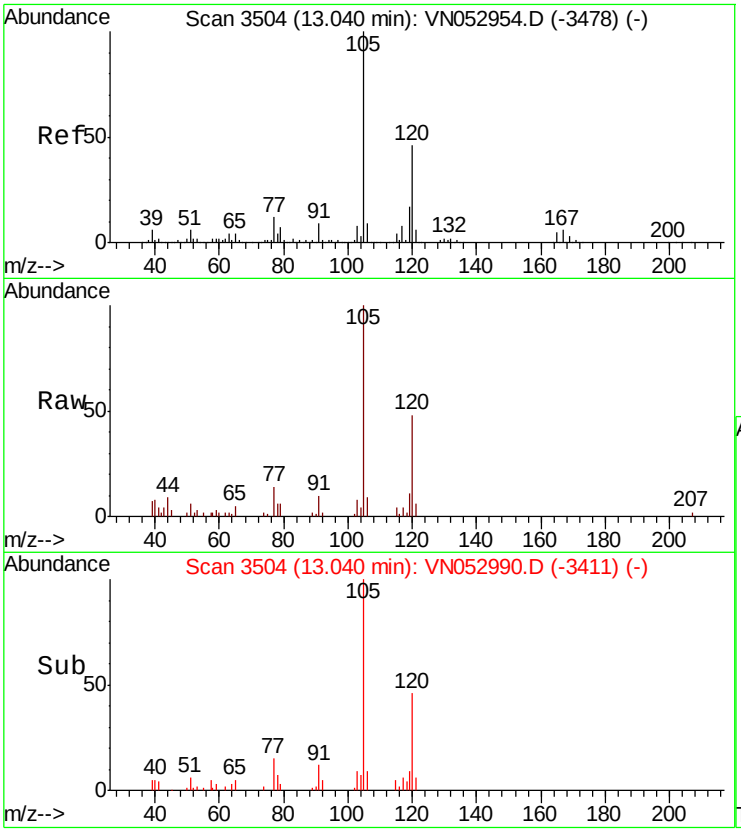


#81
trans-1,4-Dichloro-2-butene
Concen: 95.764 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion: 75 Resp: 397015

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	36.1	54.1#



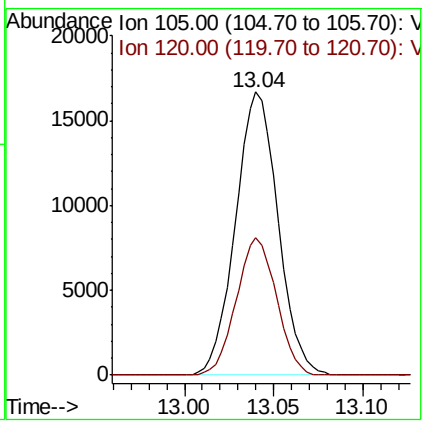


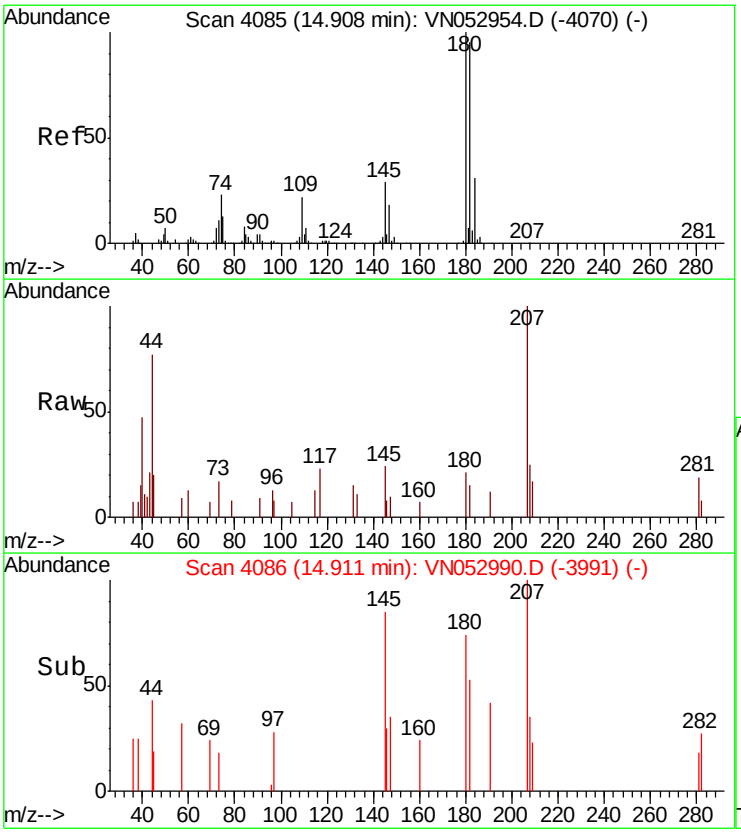
#84
1,2,4-Trimethylbenzene
Concen: 0.544 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument :
MSVOA_N
ClientSampleId :
VB16202

Tgt Ion:105 Resp: 27692

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.8

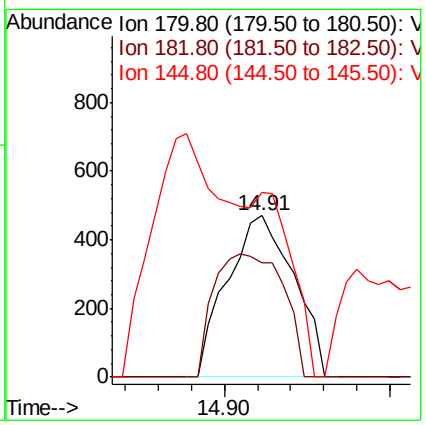


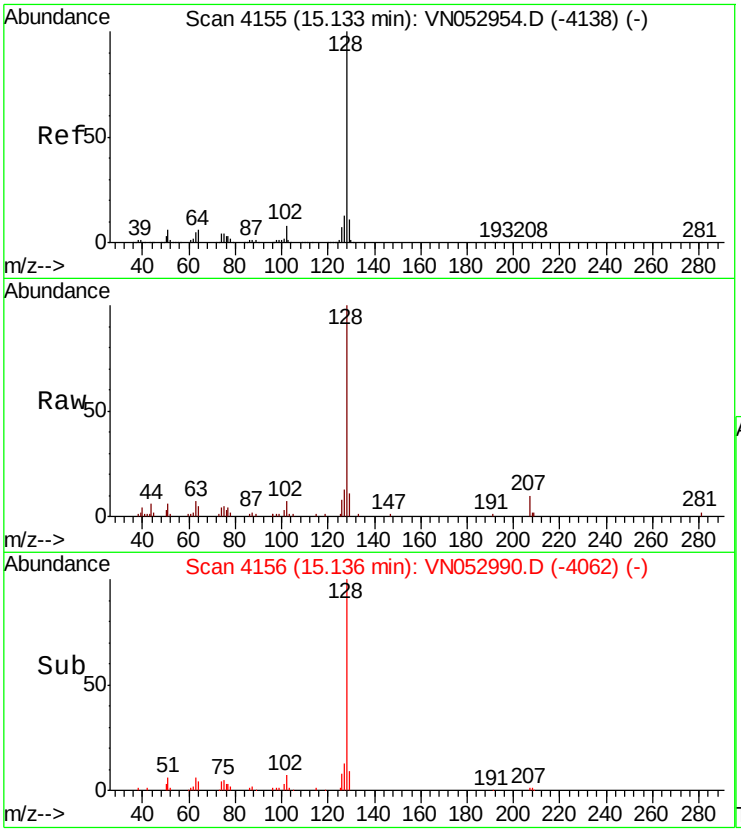


#93
1,2,4-Trichlorobenzene
Concen: 0.642 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion:180 Resp: 658

Ion	Ratio	Lower	Upper
180	100		
182	79.3	47.8	143.3
145	0.0	14.2	42.6#



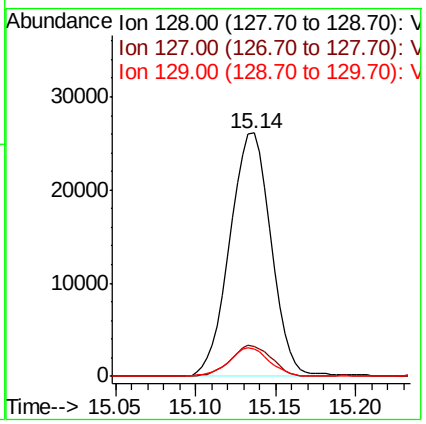


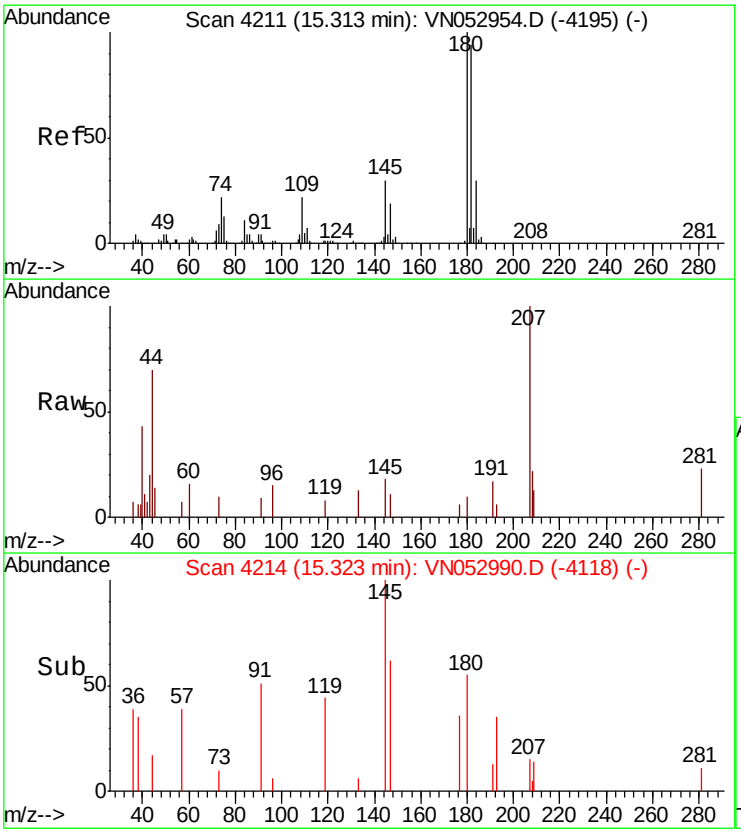
#95
Naphthalene
Concen: 2.584 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Instrument : MSVOA_N
ClientSampleId : VB16202

Tgt Ion:128 Resp: 45919

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.4	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.535 ug/l
RT: 15.32 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN052990.D
Acq: 19 Dec 2018 5:06

Tgt Ion:180 Resp: 357

Ion	Ratio	Lower	Upper
180	100		
182	31.7	47.9	143.7#
145	189.1	15.0	45.0#