Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110618\
Data File : VN052192.D
Acq On : 6 Nov 2018 15:15
Operator : MD\SY
Sample : J5827-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : SP-B

Quant Time: Nov 06 15:56:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 15:24:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	317462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	581267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	234451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	253892	67.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 134.90%			
35) Dibromofluoromethane	7.59	113	226552	62.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 125.56%			
50) Toluene-d8	10.09	98	864042	61.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.86%			
62) 4-Bromofluorobenzene	12.40	95	291823	63.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 127.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.77	59	120	0.731	ug/l #	1
13) Acrolein	3.60	56	164	33.248	ug/l #	12
16) Acetone	3.82	43	3234	3.792	ug/l	98
18) Methyl Acetate	4.34	43	2970	1.125	ug/l	99
20) Methylene Chloride	4.56	84	62677	17.687	ug/l	98
25) 2-Butanone	6.84	43	805	0.609	ug/l #	50
29) Tetrahydrofuran	7.21	42	755	0.923	ug/l #	78
31) Cyclohexane	7.67	56	8084	Below Cal	#	8
36) 1,1-Dichloropropene	7.67	75	26863	5.224	ug/l #	49
38) Carbon Tetrachloride	7.67	117	33426	6.507	ug/l #	17
43) Isopropyl Acetate	8.17	43	163362	27.844	ug/l	99
48) Methyl methacrylate	9.18	41	3695	1.309	ug/l #	28
51) 4-Methyl-2-Pentanone	9.98	43	740	0.239	ug/l #	38
59) 2-Hexanone	10.76	43	11356	5.263	ug/l #	54
68) m/p-Xylenes	11.62	106	1677	0.227	ug/l	89
71) Bromoform	12.39	173	769	3.076	ug/l #	29
74) N-amyl acetate	12.07	43	361	Below Cal	#	50
76) 1,2,3-Trichloropropane	12.40	75	151647	48.936	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	2951	0.206	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	151647	147.168	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	5618	0.393	ug/l	91
85) sec-Butylbenzene	13.04	105	5618	0.328	ug/l #	59
95) Naphthalene	15.14	128	1952	0.272	ug/l #	81

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110618\
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Acq On : 6 Nov 2018 15:15
Operator : MD\SY
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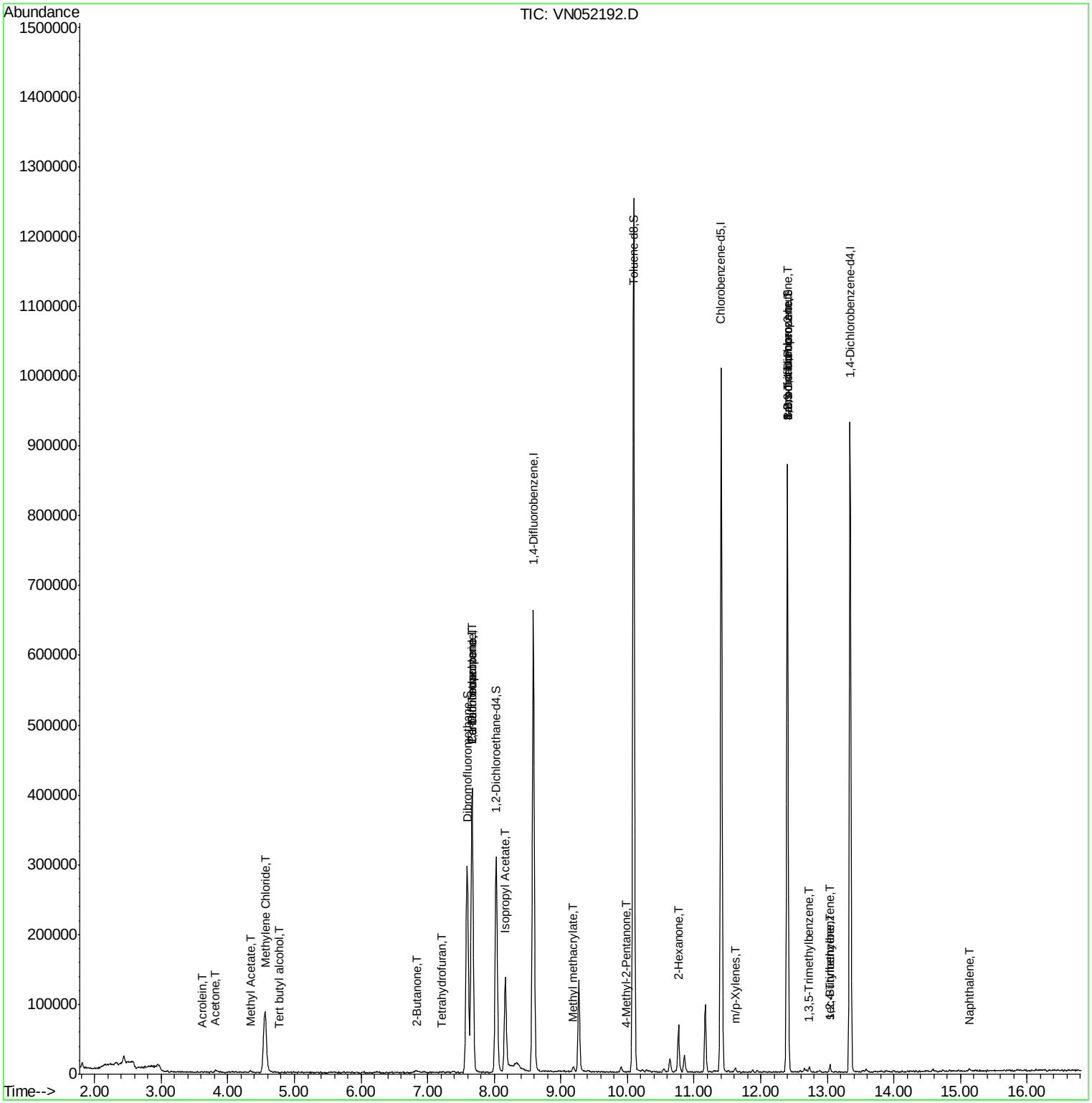
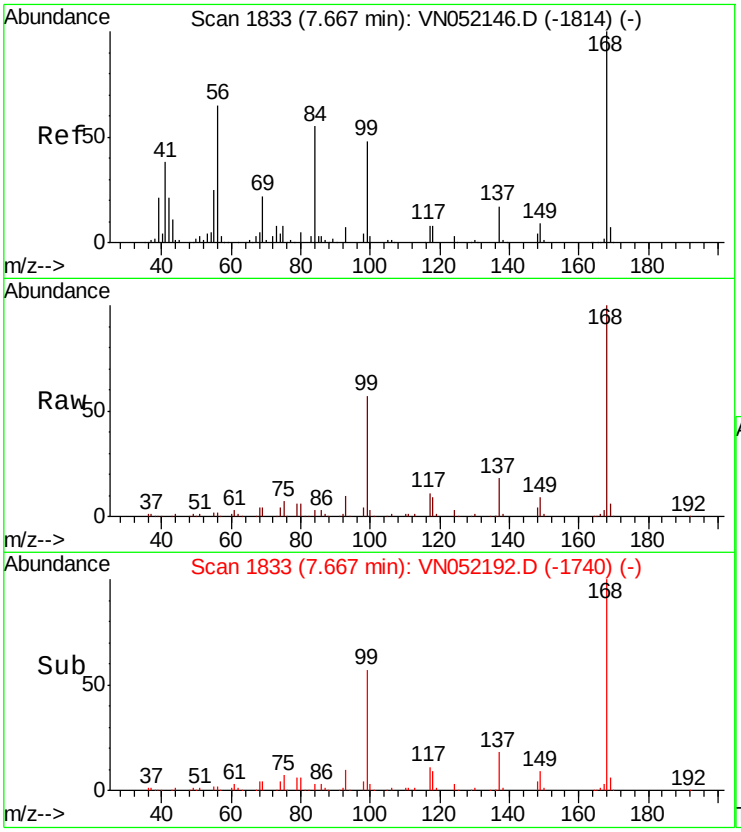
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Quant Time: Nov 06 15:56:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 15:24:48 2018
Response via : Initial Calibration



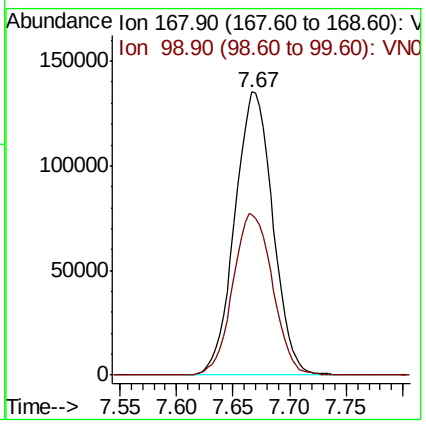


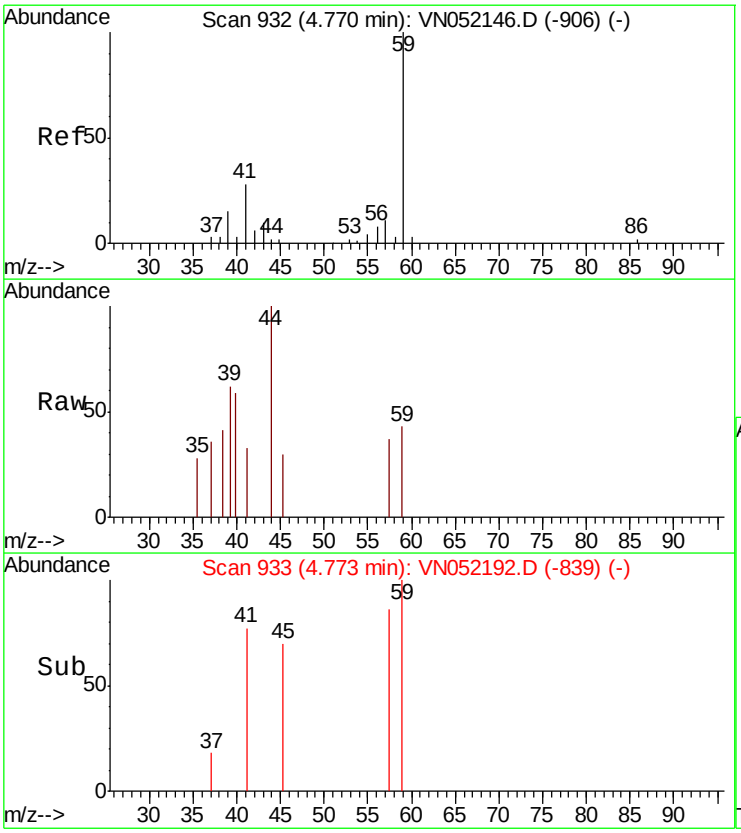
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion:168 Resp: 317462

Ion	Ratio	Lower	Upper
168	100		
99	56.9	56.6	85.0

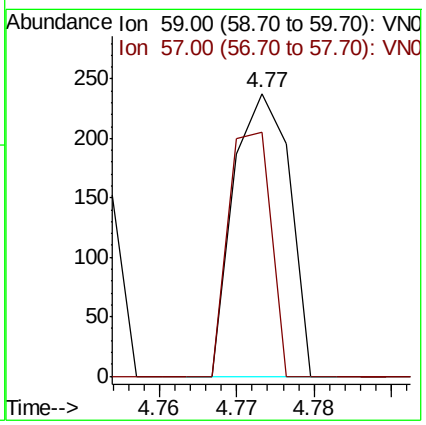


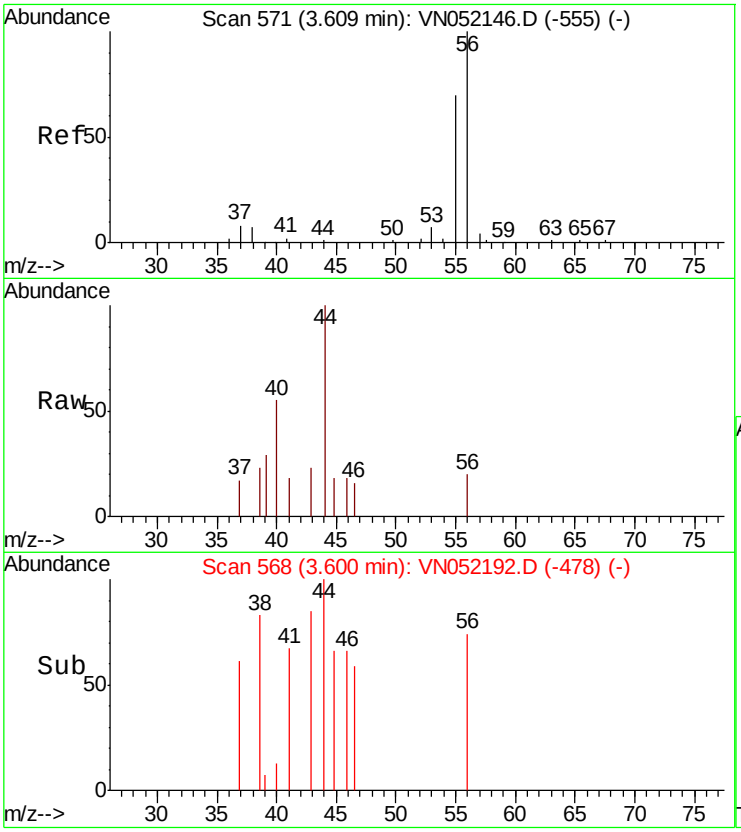


#11
Tert butyl alcohol
Concen: 0.731 ug/l
RT: 4.77 min Scan# 933
Delta R.T. 0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 59 Resp: 120

Ion	Ratio	Lower	Upper
59	100		
57	65.0	7.0	10.6#



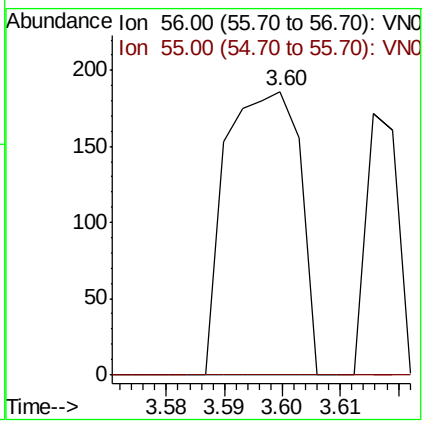


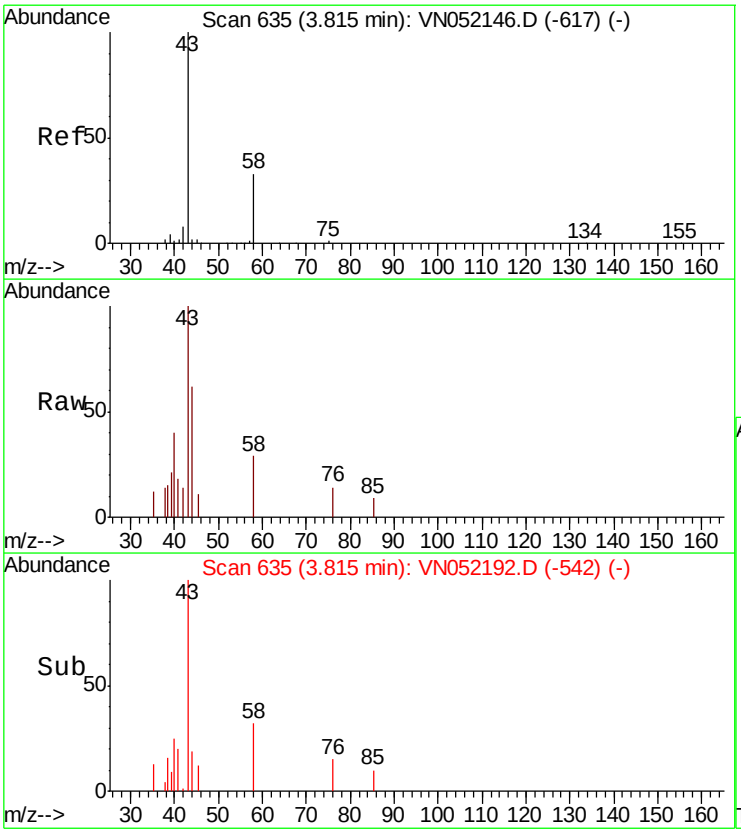
#13
Acrolein
Concen: 33.248 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion: 56 Resp: 164

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.9	89.9#

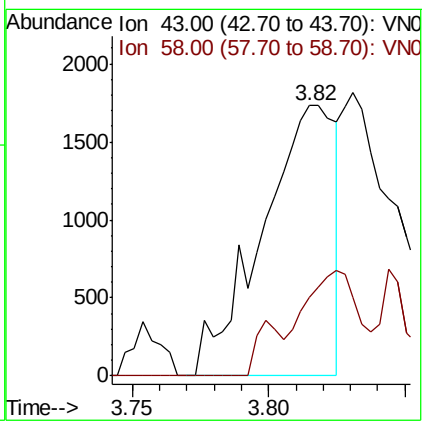


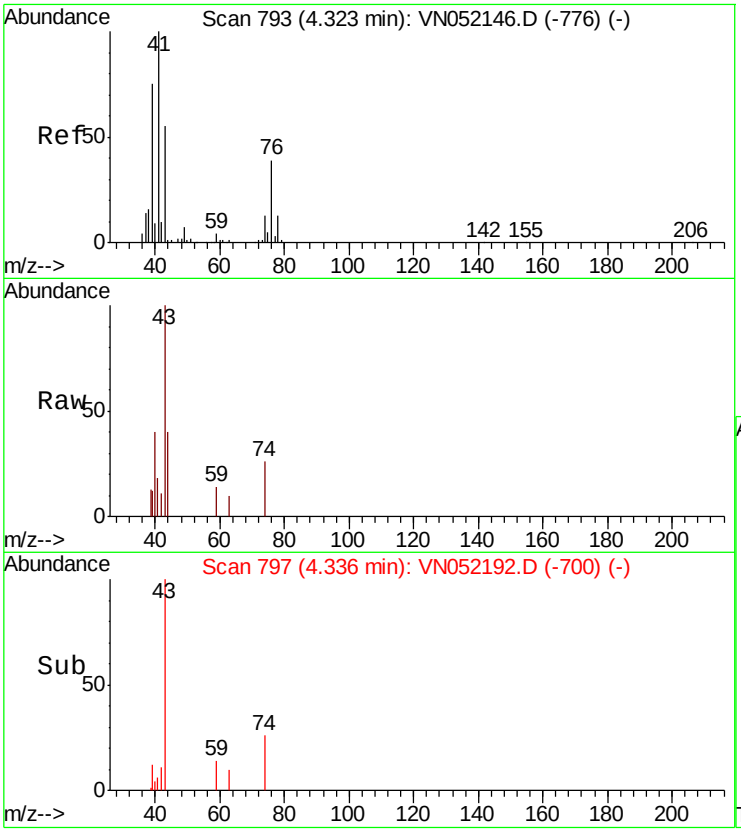


#16
Acetone
Concen: 3.792 ug/l
RT: 3.82 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 43 Resp: 3234

Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.2	36.2



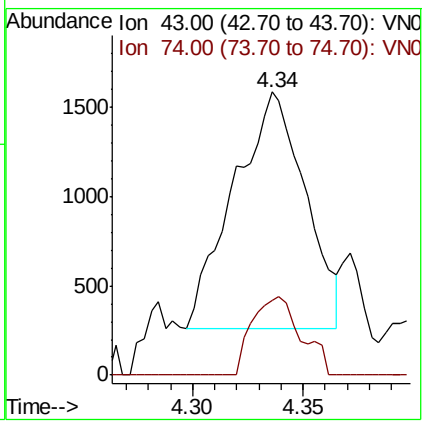


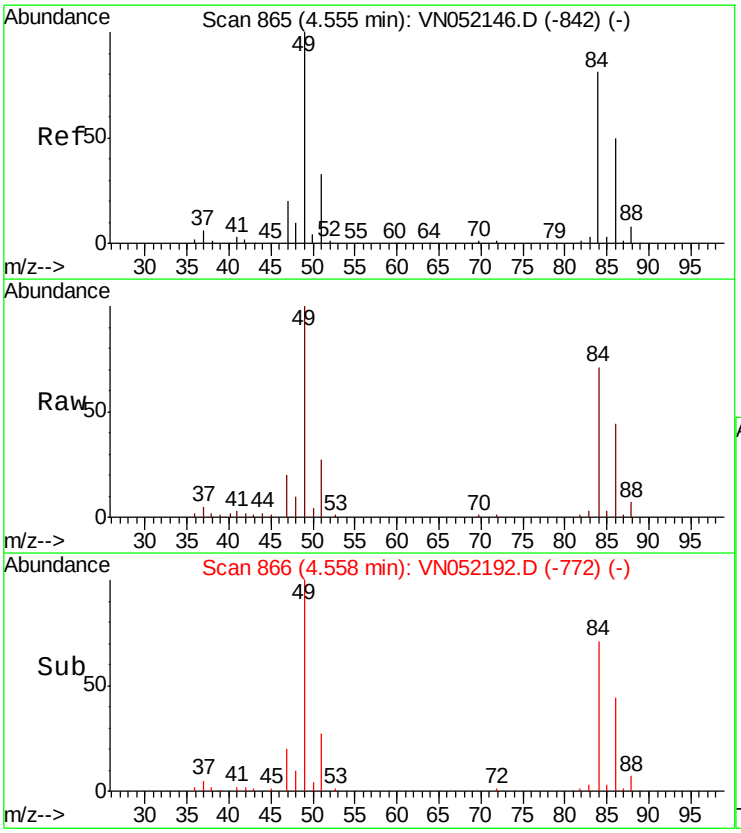
#18
Methyl Acetate
Concen: 1.125 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument : MSVOA_N
ClientSampleId : SP-B

Tgt Ion: 43 Resp: 2970

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.9	26.9

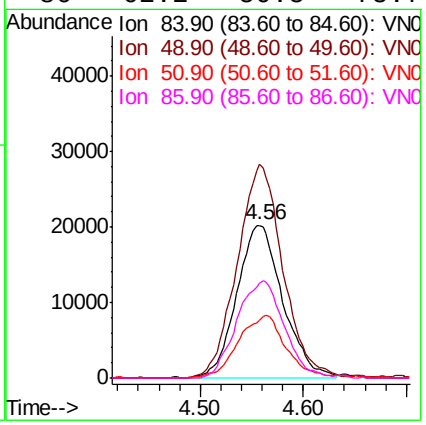


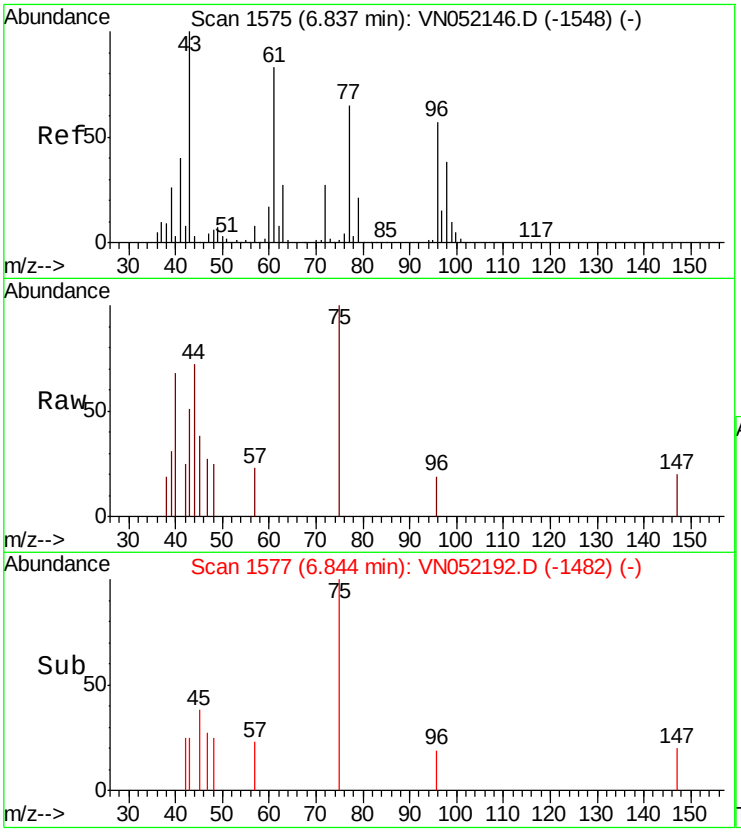


#20
Methylene Chloride
Concen: 17.687 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 84 Resp: 62677

Ion	Ratio	Lower	Upper
84	100		
49	140.2	110.6	165.8
51	37.7	33.7	50.5
86	62.2	50.5	75.7



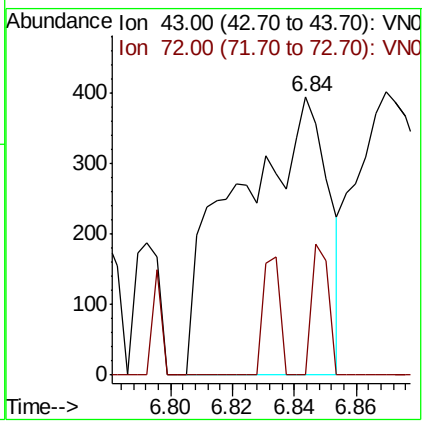


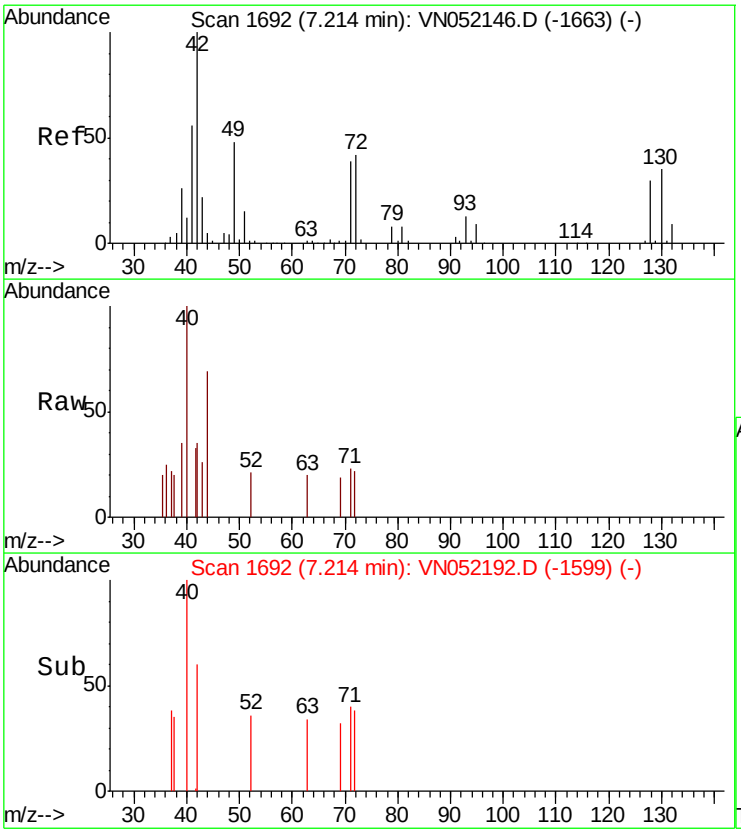
#25
2-Butanone
Concen: 0.609 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument : MSVOA_N
ClientSampleId : SP-B

Tgt Ion: 43 Resp: 805

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.2#

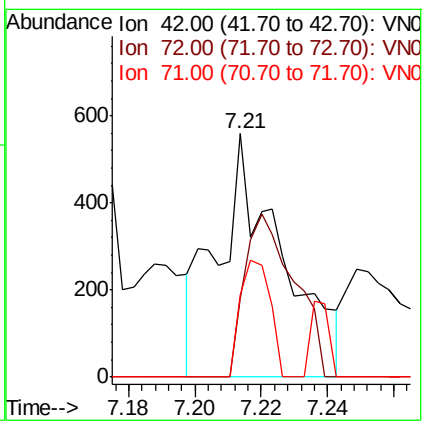


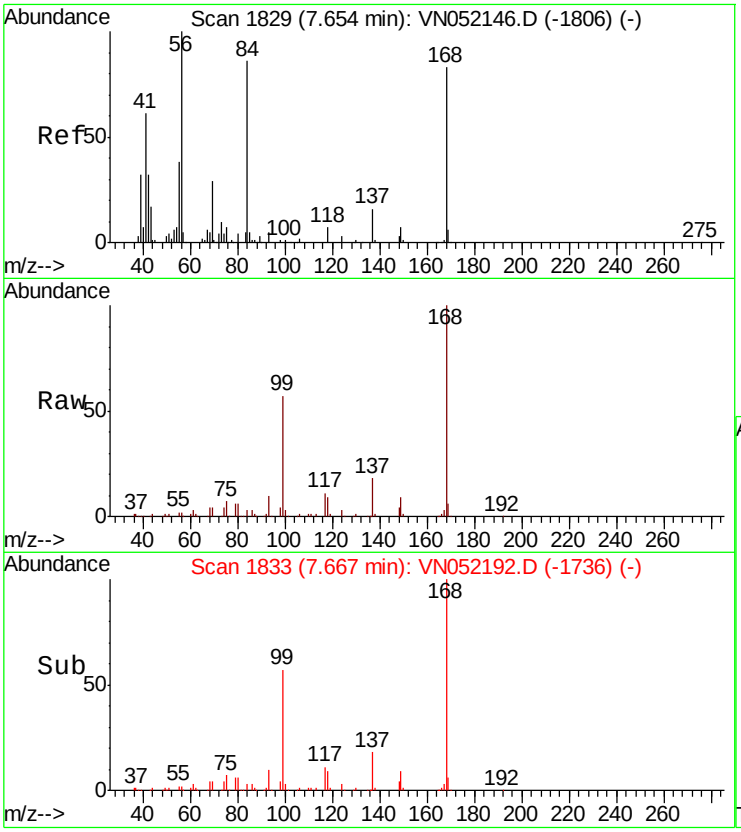


#29
Tetrahydrofuran
Concen: 0.923 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 42 Resp: 755

Ion	Ratio	Lower	Upper
42	100		
72	51.8	32.5	48.7#
71	22.5	30.6	46.0#



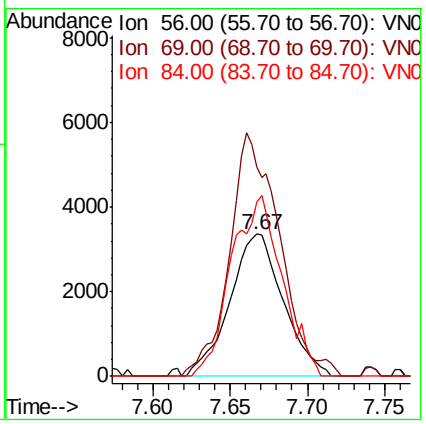


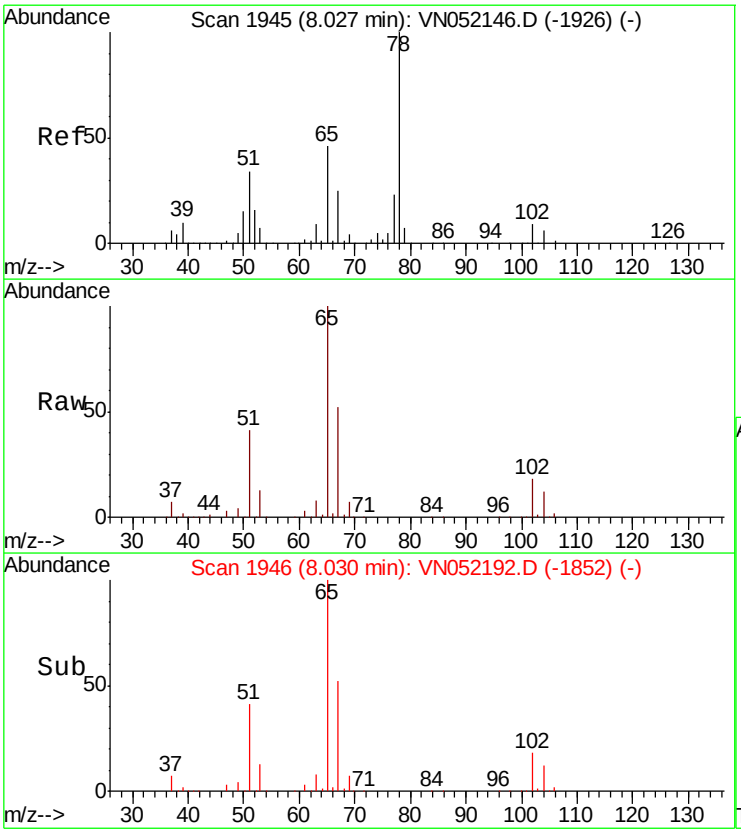
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument : MSVOA_N
ClientSampleId : SP-B

Tgt Ion: 56 Resp: 8084

Ion	Ratio	Lower	Upper
56	100		
69	142.4	25.8	38.6#
84	122.7	63.5	95.3#

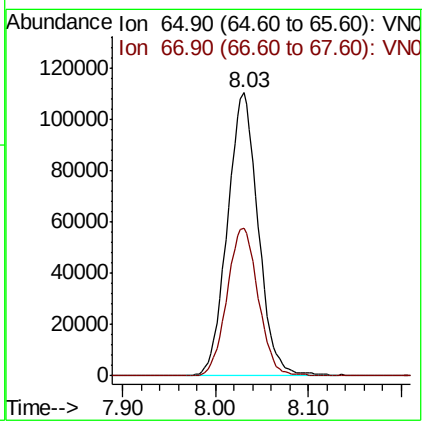


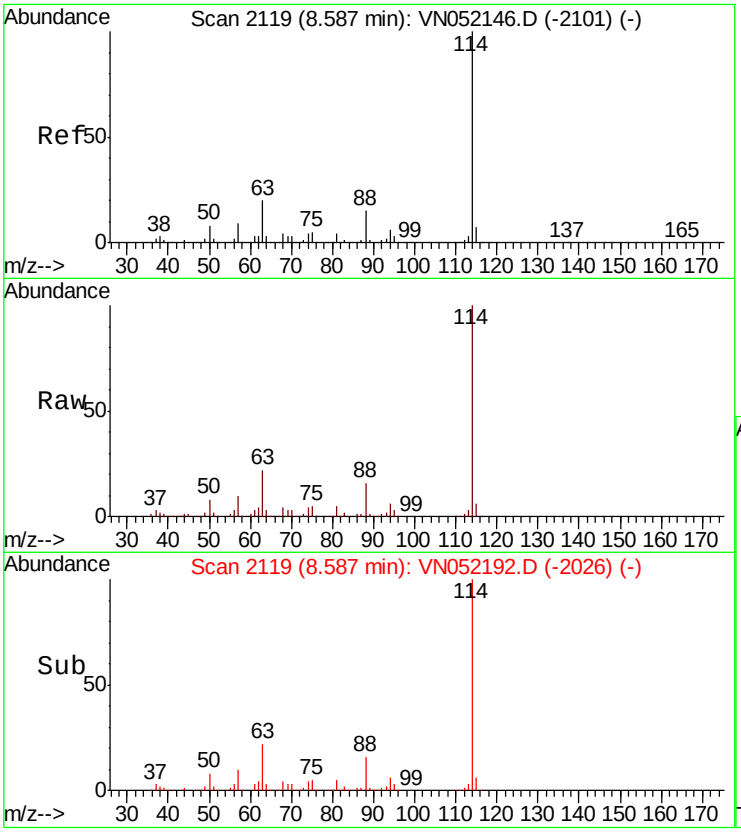


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 65 Resp: 253892

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.2



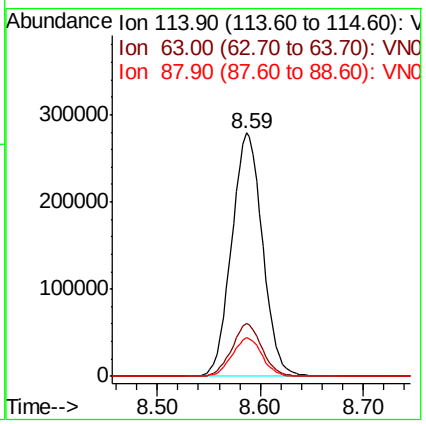


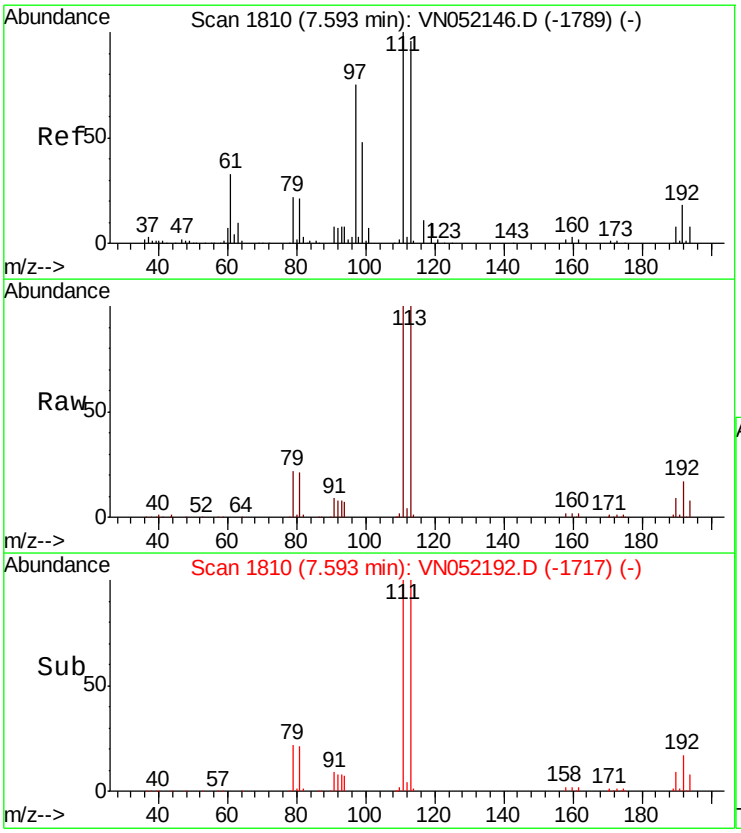
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion:114 Resp: 581267

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	46.0
88	15.8	0.0	35.4

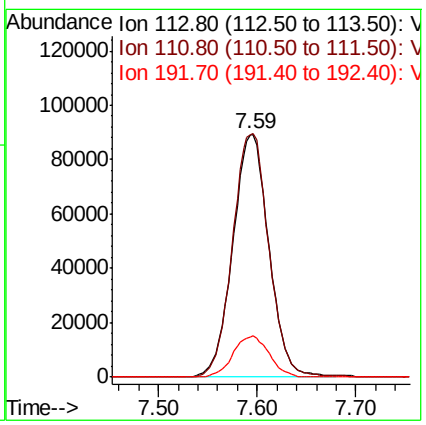


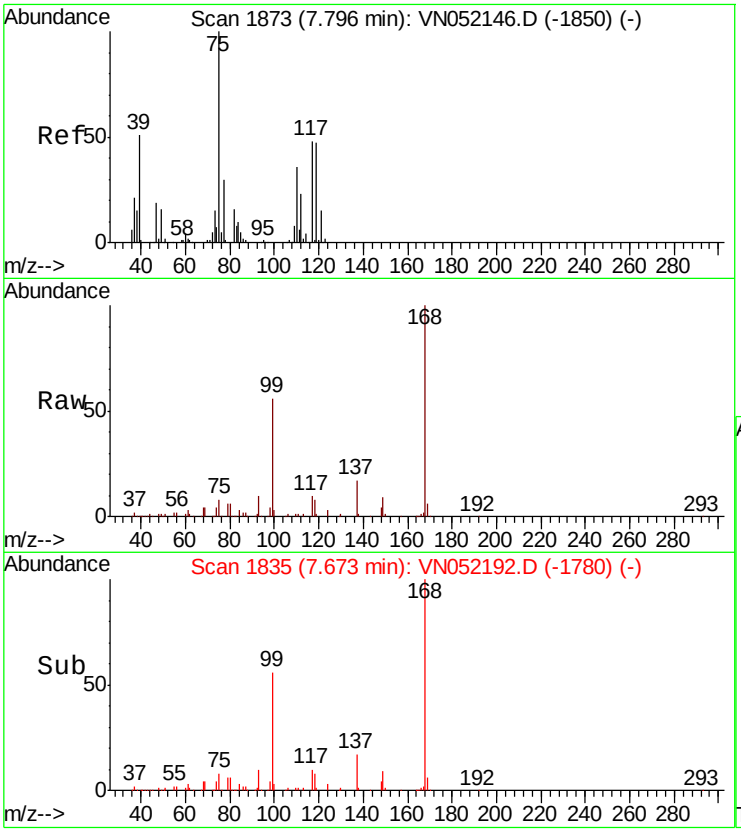


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion:113 Resp: 226552

Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.1	124.7
192	17.0	12.7	19.1



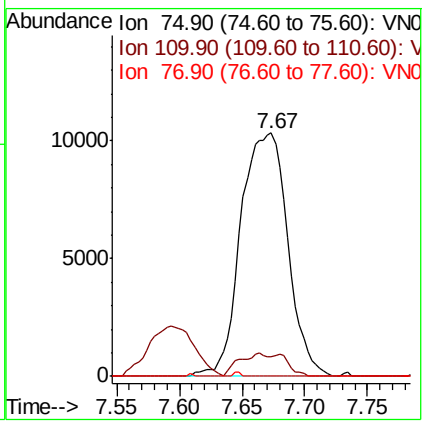


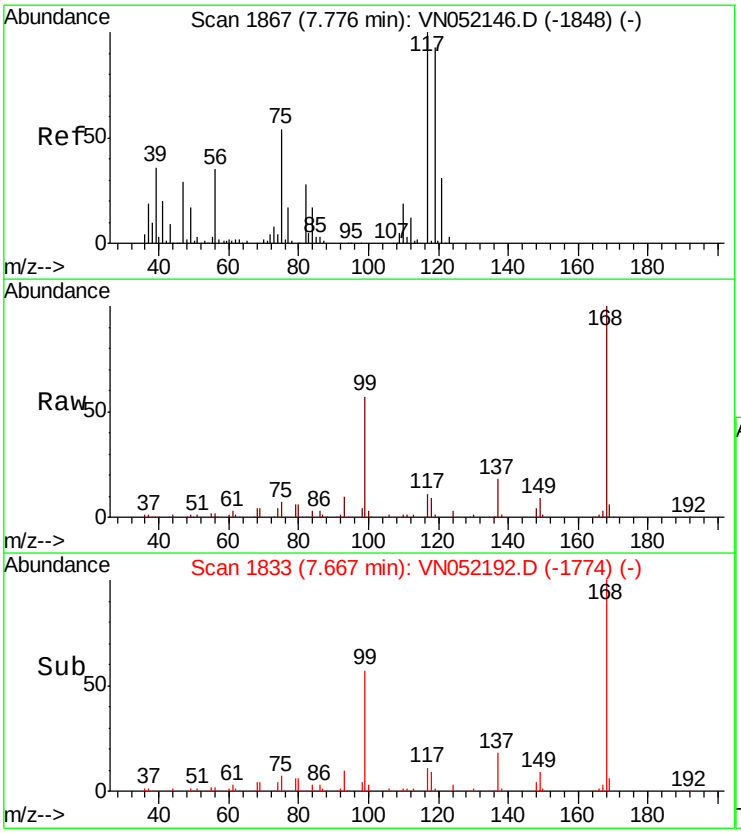
#36
1,1-Dichloropropene
Concen: 5.224 ug/l
RT: 7.67 min Scan# 1835
Delta R.T. -0.12 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion: 75 Resp: 26863

Ion	Ratio	Lower	Upper
75	100		
110	6.3	16.0	48.0#
77	0.0	24.5	36.7#

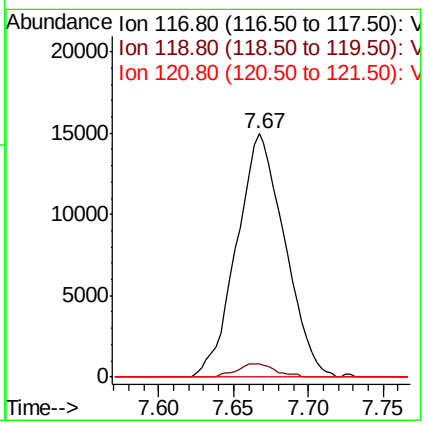


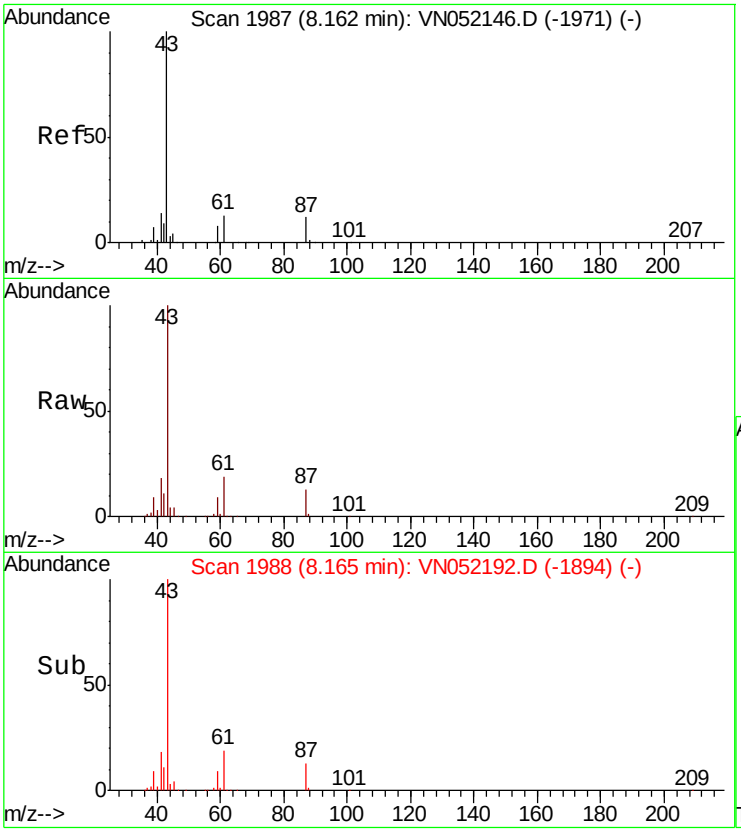


#38
Carbon Tetrachloride
Concen: 6.507 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion:117 Resp: 33426

Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.8	112.2#
121	0.0	25.1	37.7#



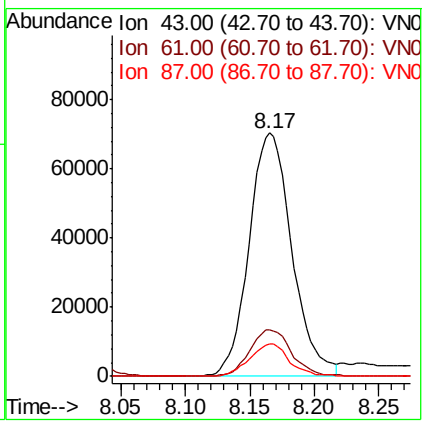


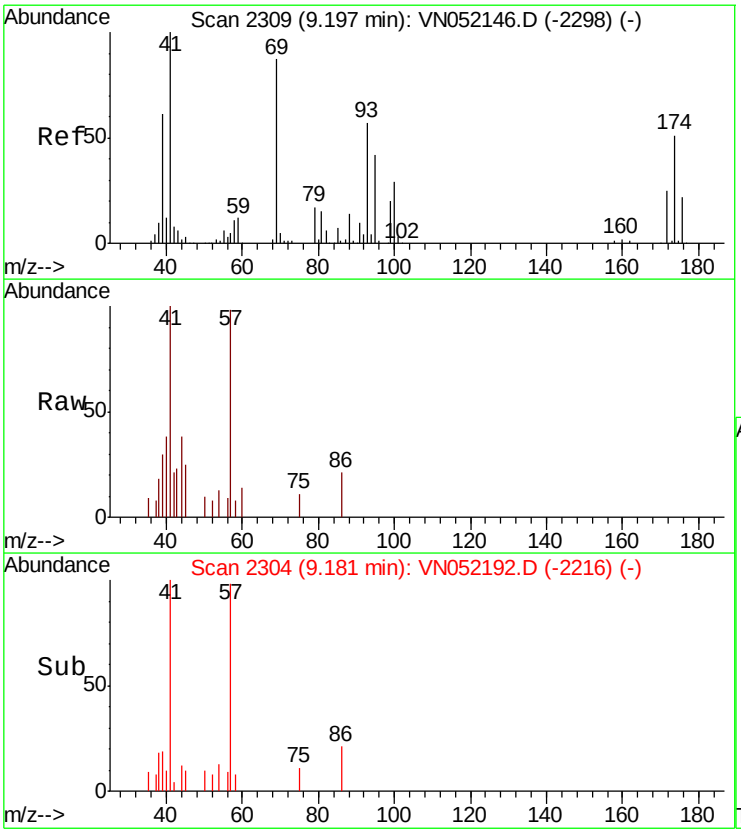
#43
Isopropyl Acetate
Concen: 27.844 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument : MSVOA_N
ClientSampleId : SP-B

Tgt Ion: 43 Resp: 163362

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.0
87	12.6	9.8	14.8

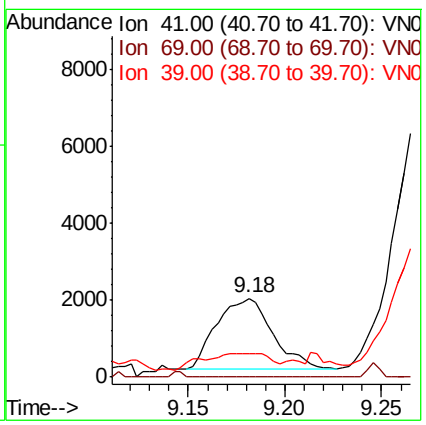


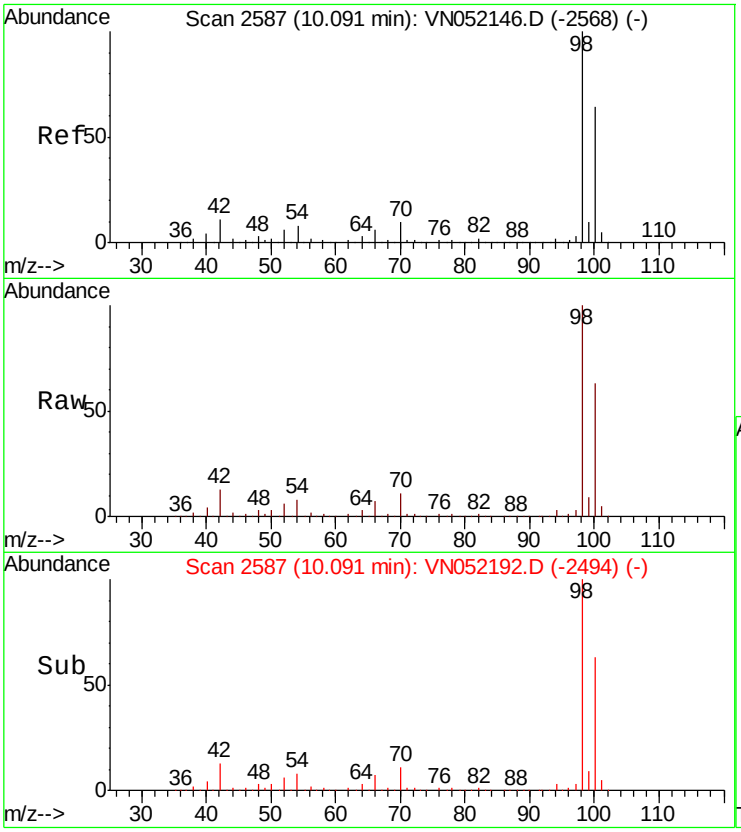


#48
Methyl methacrylate
Concen: 1.309 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 41 Resp: 3695

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.1	100.7#
39	27.8	50.5	75.7#



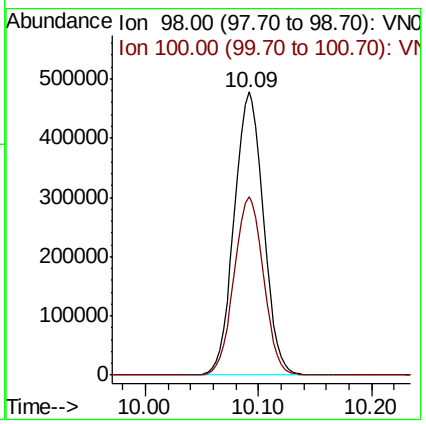


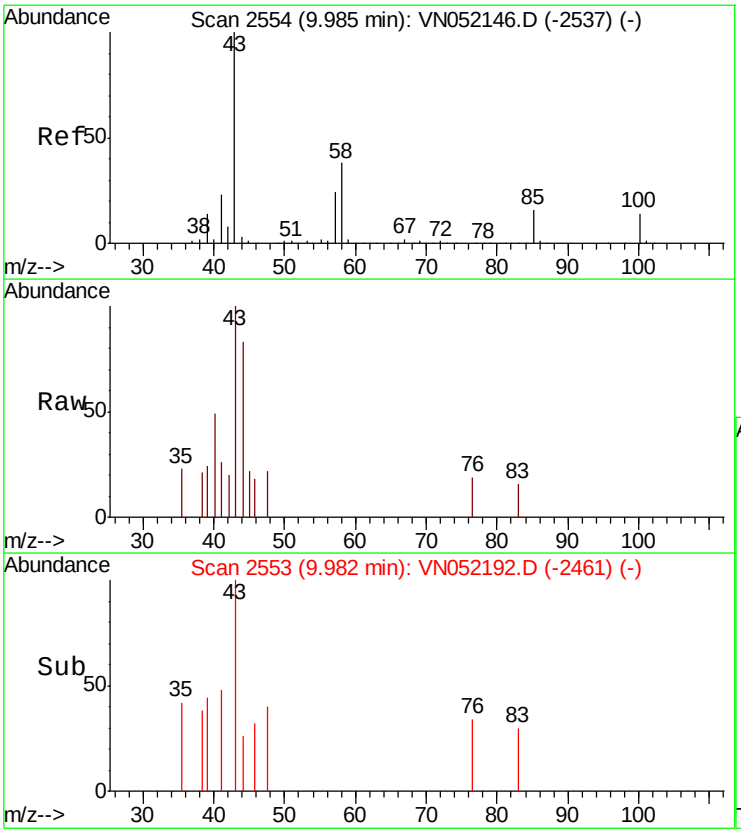
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion: 98 Resp: 864042

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.2

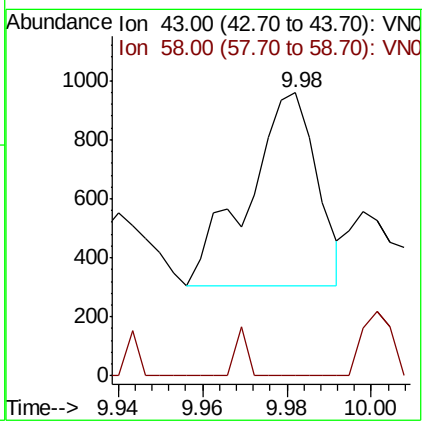


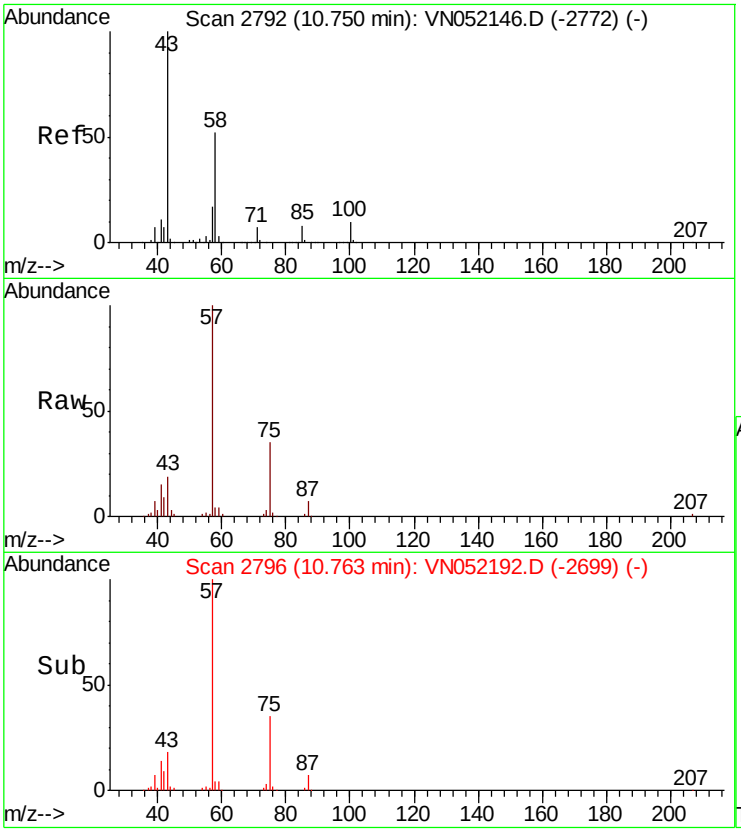


#51
4-Methyl-2-Pentanone
Concen: 0.239 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 43 Resp: 740

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#



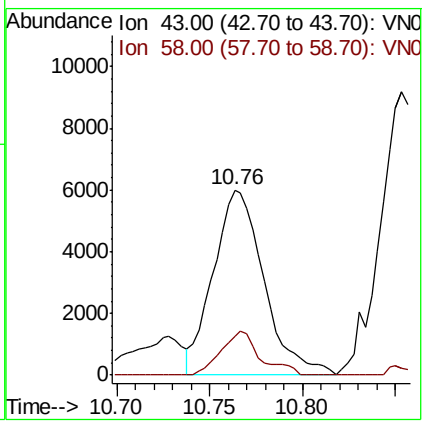


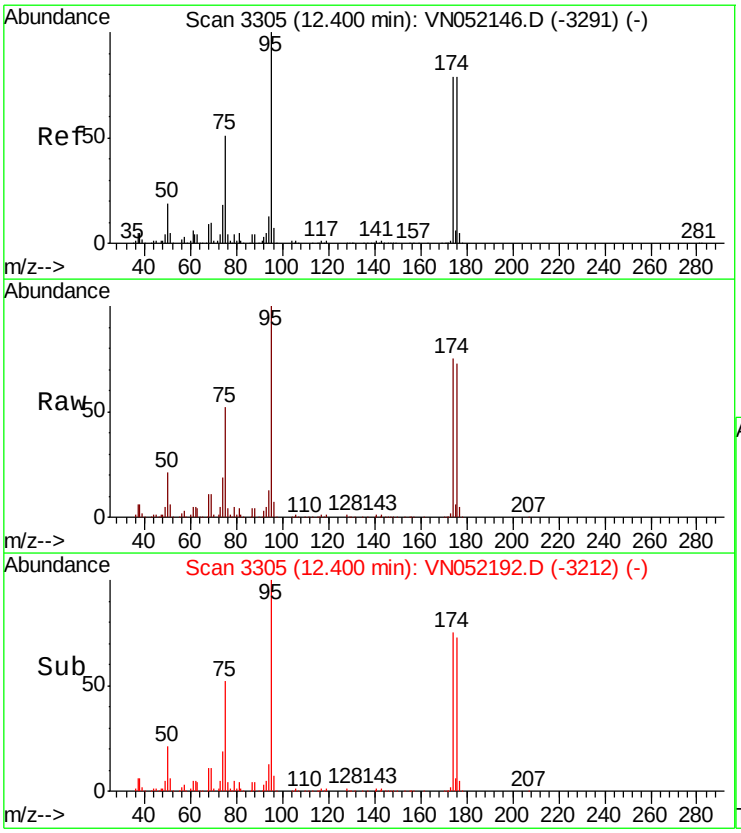
#59
2-Hexanone
Concen: 5.263 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion: 43 Resp: 11356

Ion	Ratio	Lower	Upper
43	100		
58	18.3	25.2	75.6#

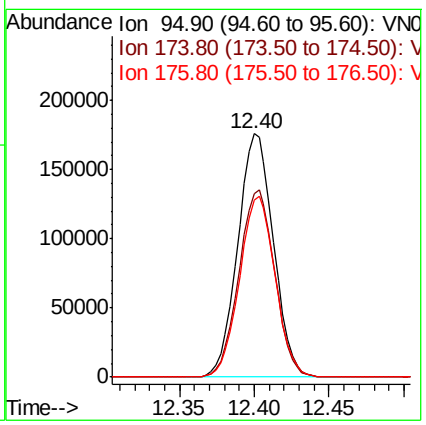


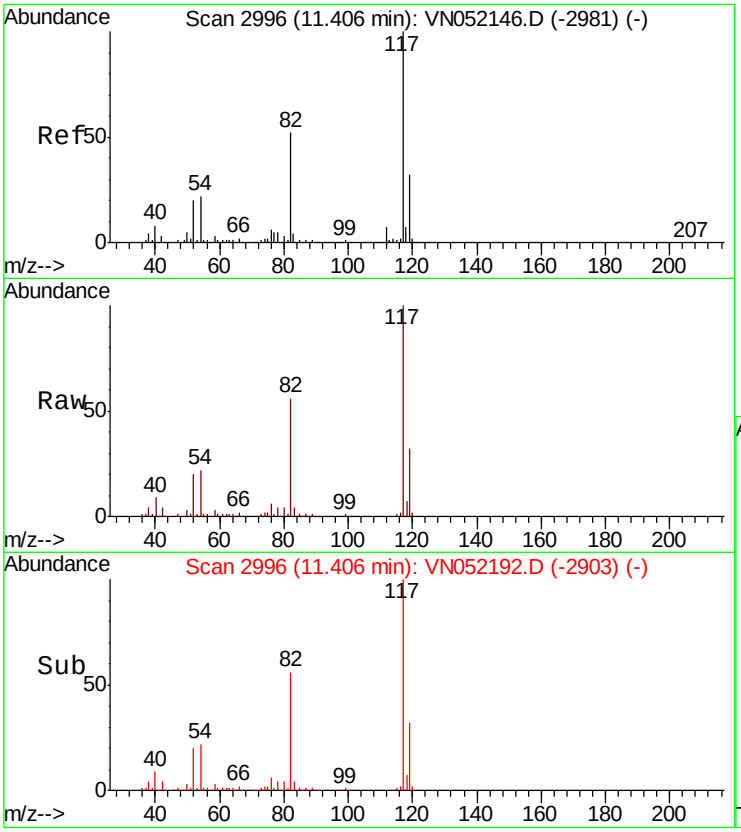


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 95 Resp: 291823

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	131.8
176	74.2	0.0	126.0



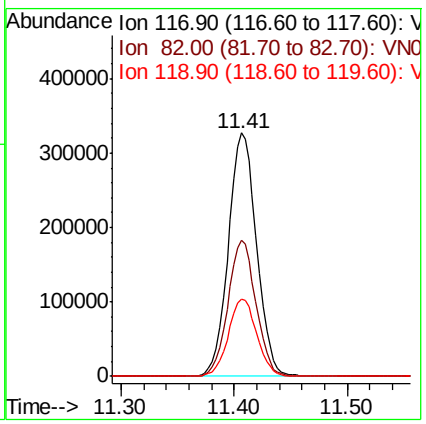


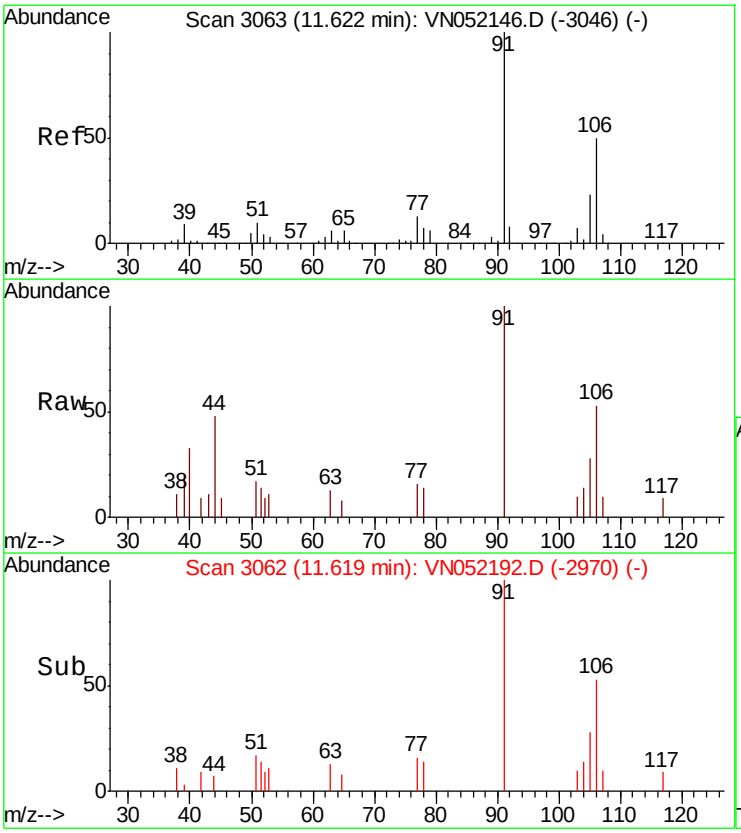
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion:117 Resp: 566336

Ion	Ratio	Lower	Upper
117	100		
82	56.1	49.9	74.9
119	31.7	25.7	38.5

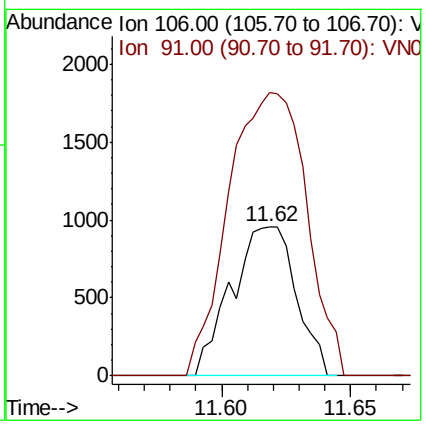


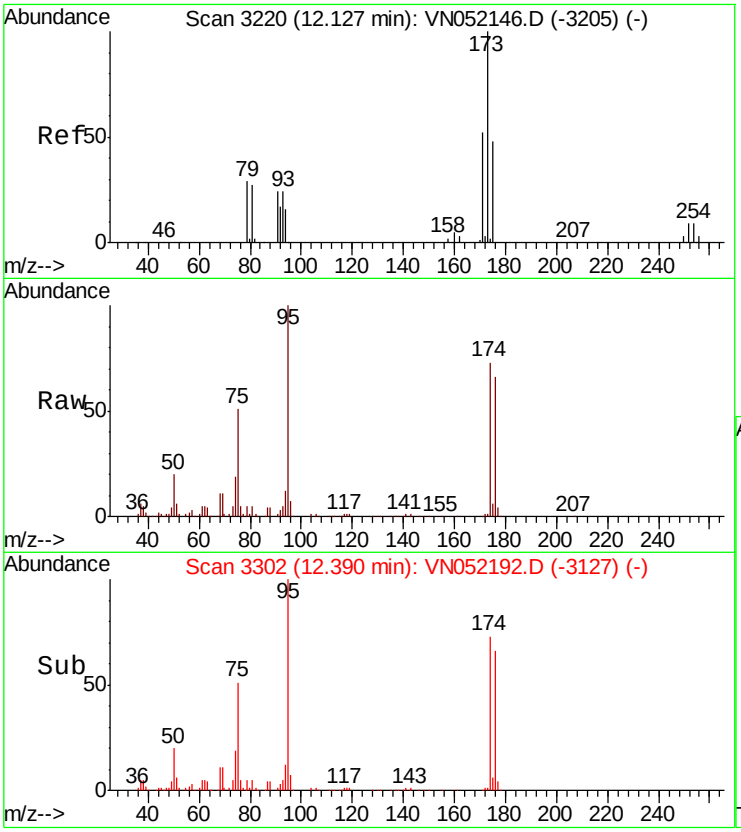


#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion:106 Resp: 1677

Ion	Ratio	Lower	Upper
106	100		
91	228.1	168.7	253.1



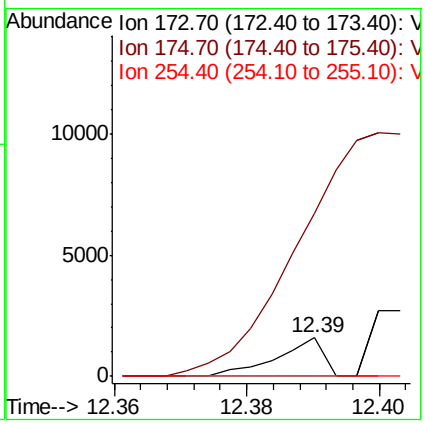


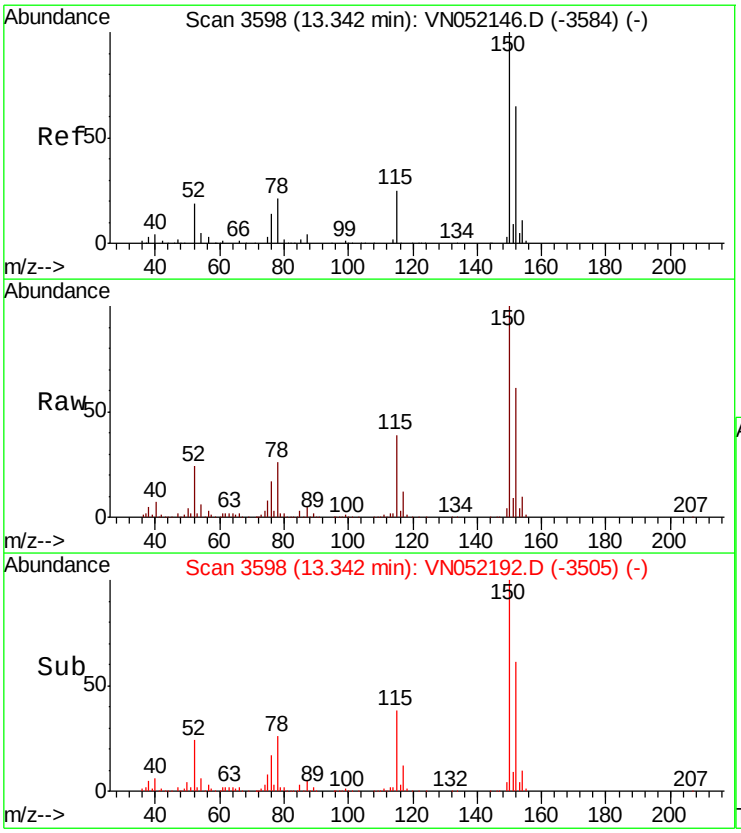
#71
Bromoform
Concen: 3.076 ug/l
RT: 12.39 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument : MSVOA_N
ClientSampleId : SP-B

Tgt Ion:173 Resp: 769

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.9	71.7#
254	0.0	0.0	0.0

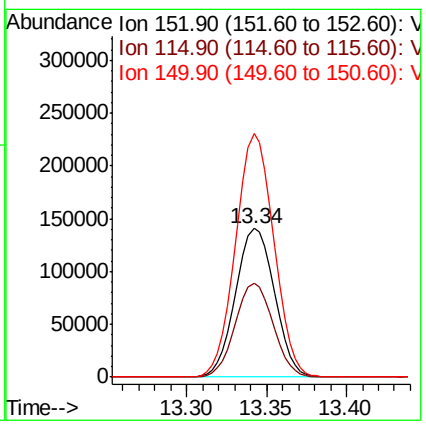


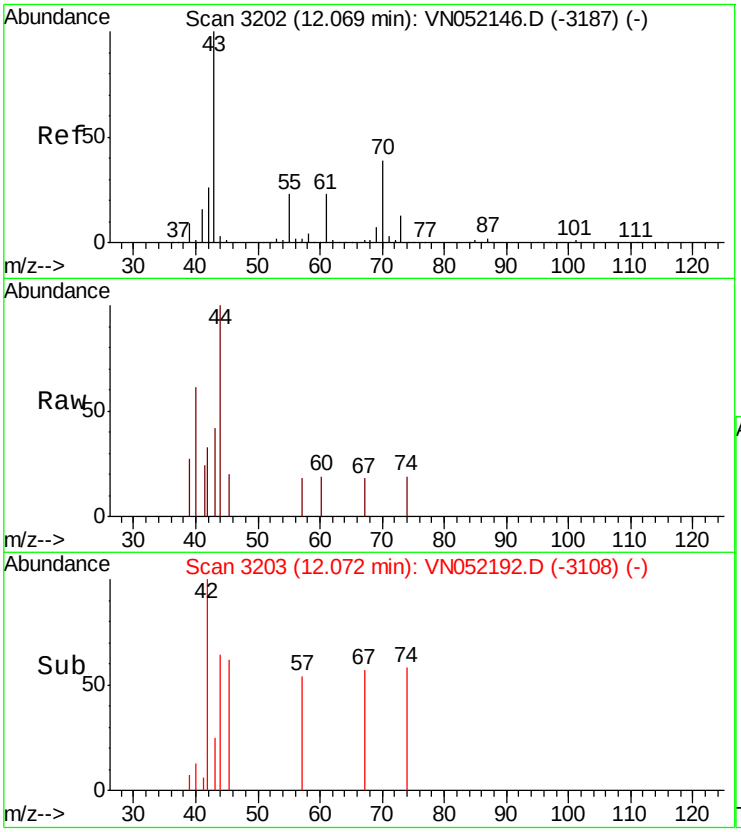


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion:152 Resp: 234451

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.6	95.0
150	160.1	0.0	345.0



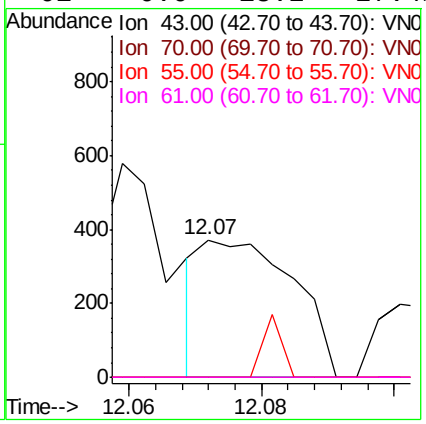


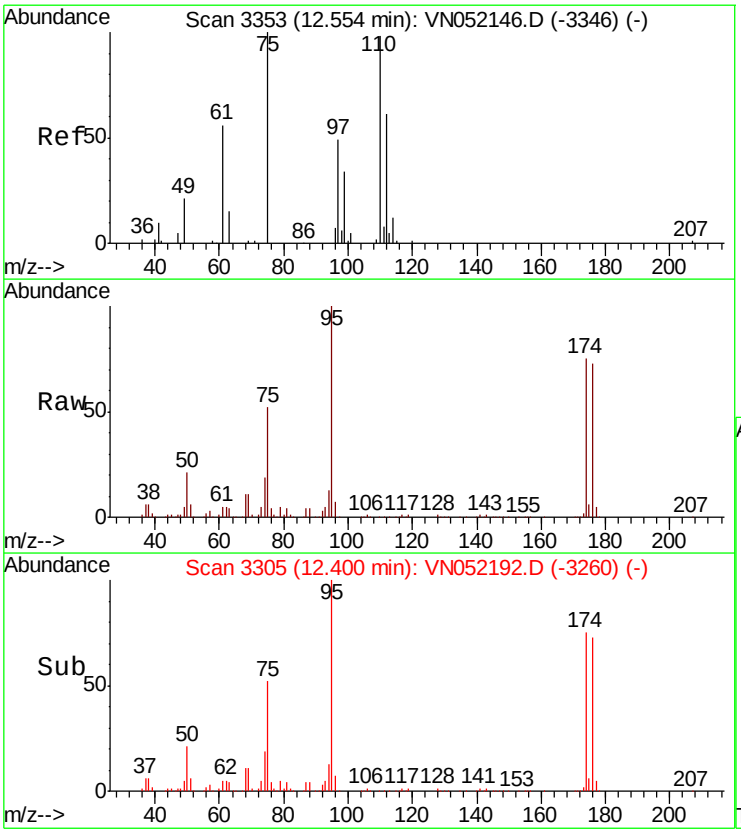
#74
N-amyl acetate
Concen: Below Cal
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument : MSVOA_N
ClientSampleId : SP-B

Tgt Ion: 43 Resp: 361

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.9	47.9#
55	9.1	18.4	27.6#
61	0.0	18.2	27.4#

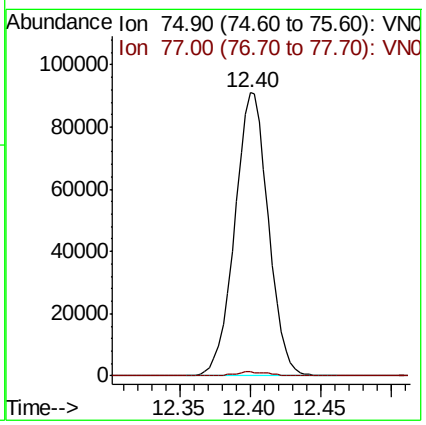


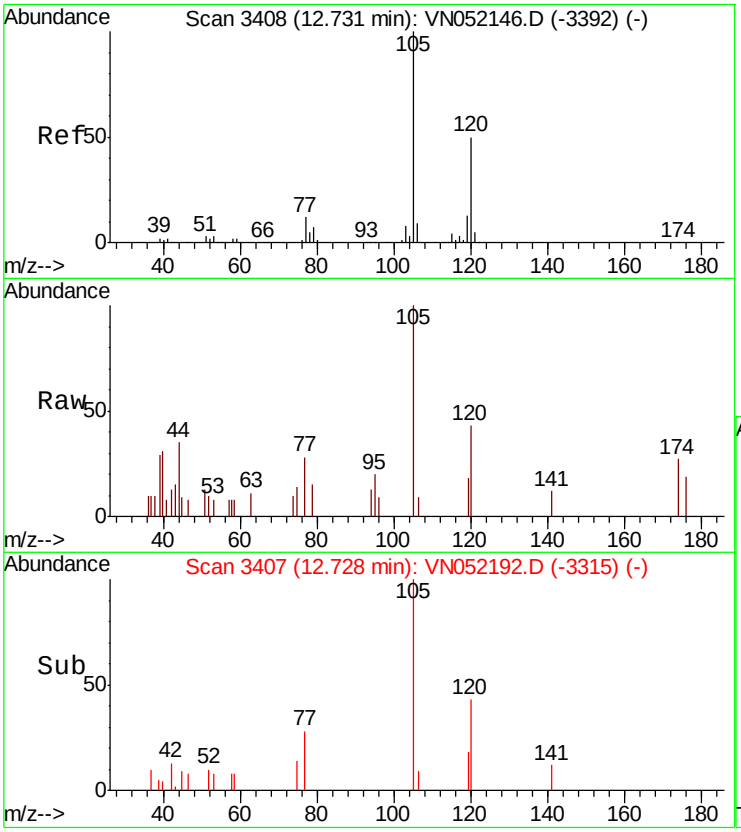


#76
1,2,3-Trichloropropane
Concen: 48.936 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 75 Resp: 151647

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



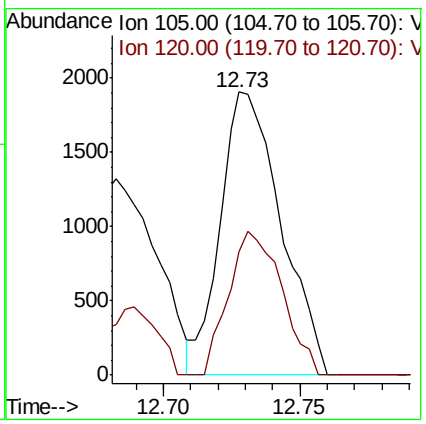


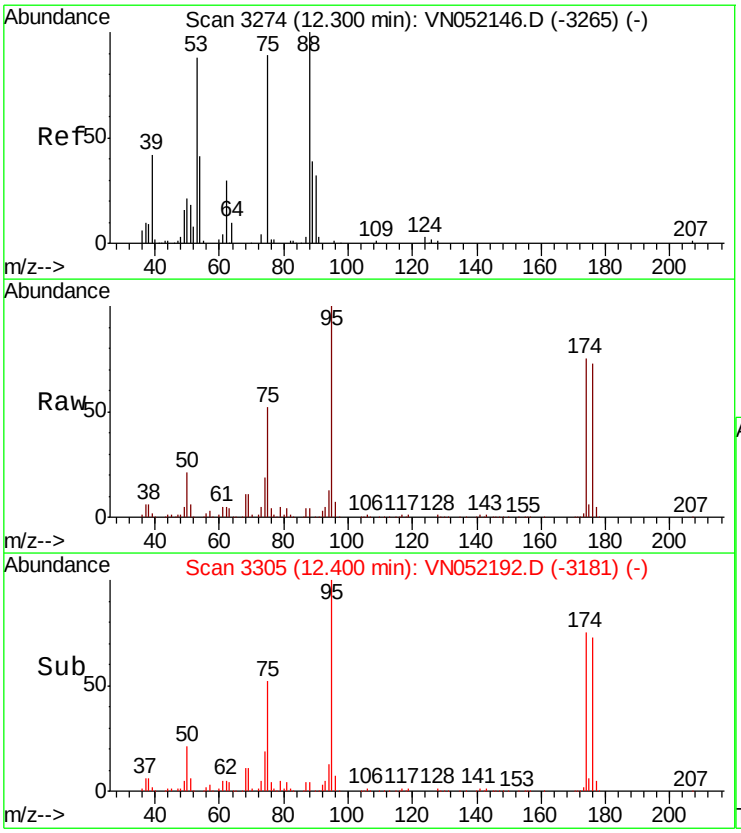
#80
1,3,5-Trimethylbenzene
Concen: 0.206 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion:105 Resp: 2951

Ion	Ratio	Lower	Upper
105	100		
120	44.5	23.4	70.0

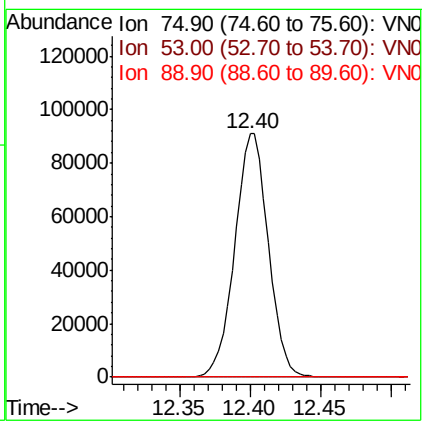


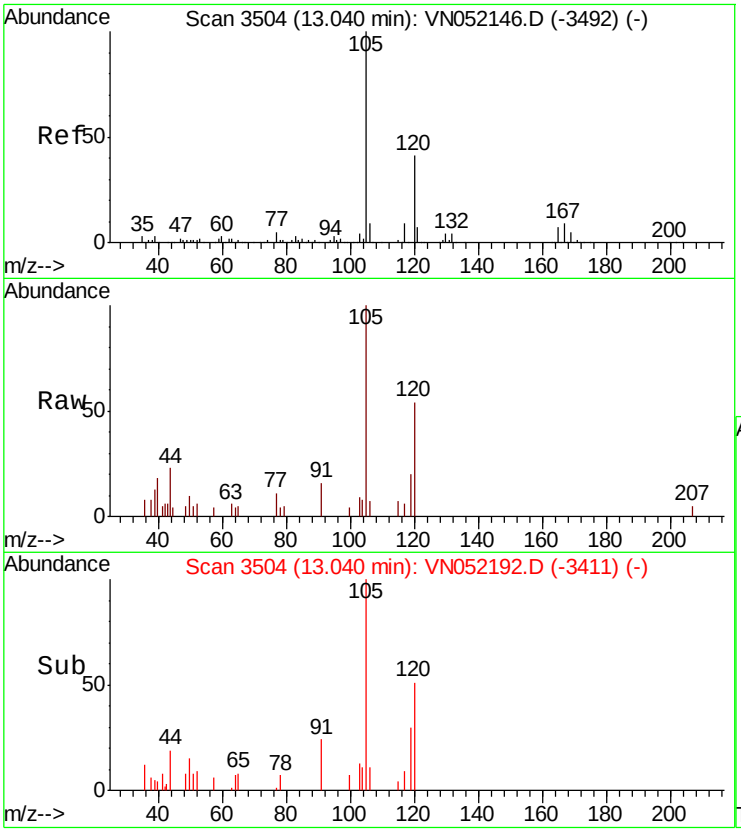


#81
trans-1,4-Dichloro-2-butene
Concen: 147.168 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion: 75 Resp: 151647

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.8	122.6#
89	0.0	36.6	54.8#



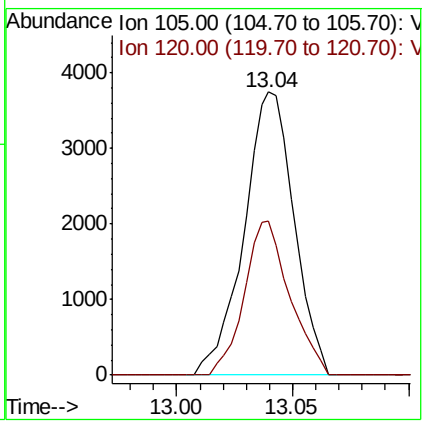


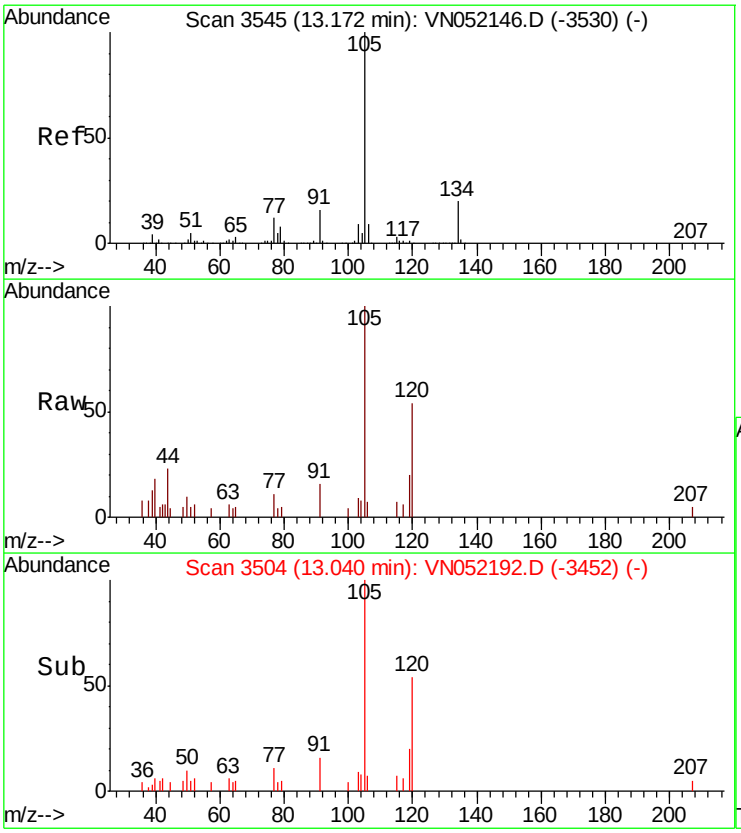
#84
1,2,4-Trimethylbenzene
Concen: 0.393 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion:105 Resp: 5618

Ion	Ratio	Lower	Upper
105	100		
120	49.4	21.9	65.5

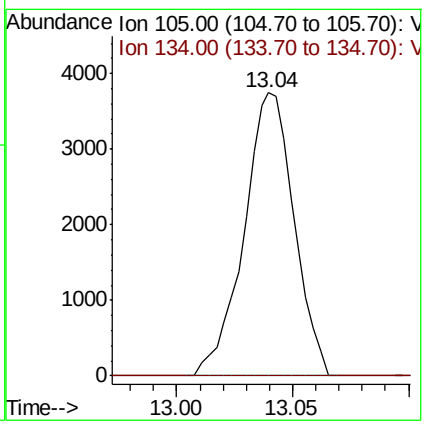


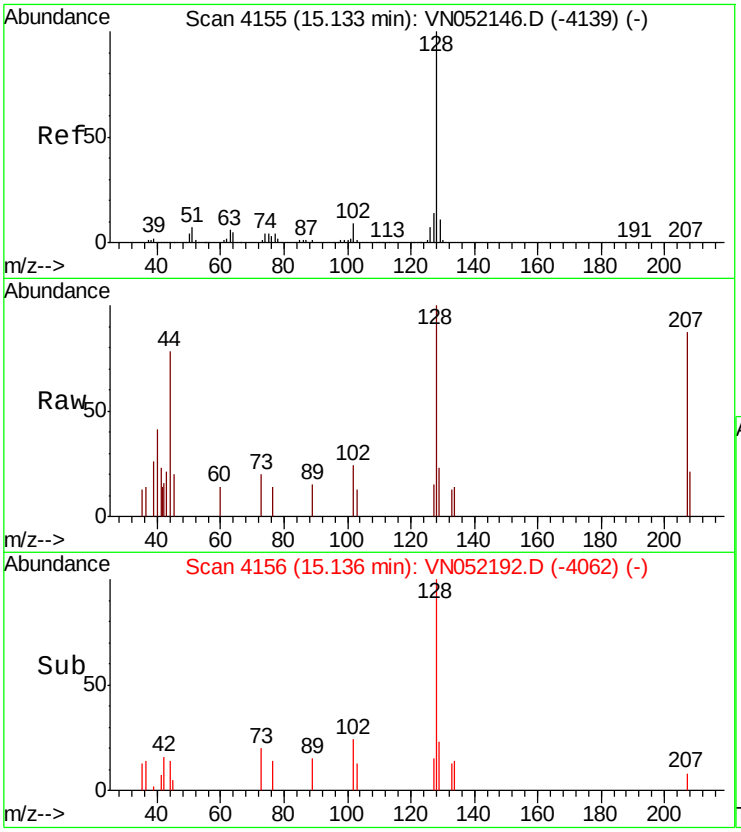


#85
sec-Butylbenzene
Concen: 0.328 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.13 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion:105 Resp: 5618

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.1	27.3#





#95
Naphthalene
Concen: 0.272 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

Tgt Ion:128 Resp: 1952

Ion	Ratio	Lower	Upper
128	100		
127	3.2	10.5	15.7#
129	6.5	8.6	12.8#