Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082118\
Data File : VN050803.D
Acq On : 22 Aug 2018 00:39
Operator : MD\SY
Sample : PB112227ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB112227ZHE#09

Quant Time: Aug 22 06:46:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	623699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	886027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	274310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	422201	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.46%			
35) Dibromofluoromethane	7.59	113	393738	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.54%			
50) Toluene-d8	10.09	98	1431910	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.96%			
62) 4-Bromofluorobenzene	12.40	95	367053	35.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.94%			
Target Compounds						Qvalue
3) Chloromethane	2.06	50	2780	0.270	ug/l	97
5) Bromomethane	2.57	94	3042	Below Cal		99
10) Methyl Iodide	3.96	142	914	6.457	ug/l #	69
16) Acetone	3.82	43	21961	5.441	ug/l	96
18) Methyl Acetate	4.34	43	14668	2.069	ug/l	96
20) Methylene Chloride	4.56	84	32242	3.810	ug/l	98
25) 2-Butanone	6.84	43	1092	0.361	ug/l	100
31) Cyclohexane	7.66	56	10977	1.318	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44039	3.565	ug/l #	48
38) Carbon Tetrachloride	7.67	117	56037	4.487	ug/l #	17
43) Isopropyl Acetate	8.17	43	333984	27.372	ug/l #	89
48) Methyl methacrylate	9.18	41	8094	1.302	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	2454	0.337	ug/l	89
56) Ethyl methacrylate	10.27	69	66	2.356	ug/l #	1
59) 2-Hexanone	10.76	43	18394	3.795	ug/l #	59
70) Styrene	11.96	104	233	1.279	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.39	83	170	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	176103	36.653	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	176103	123.910	ug/l #	15
95) Naphthalene	15.13	128	188	5.415	ug/l #	69

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

Quantitation Report (Not Reviewed)

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Acq On : 22 Aug 2018 00:39
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Sample : PB112227ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_N
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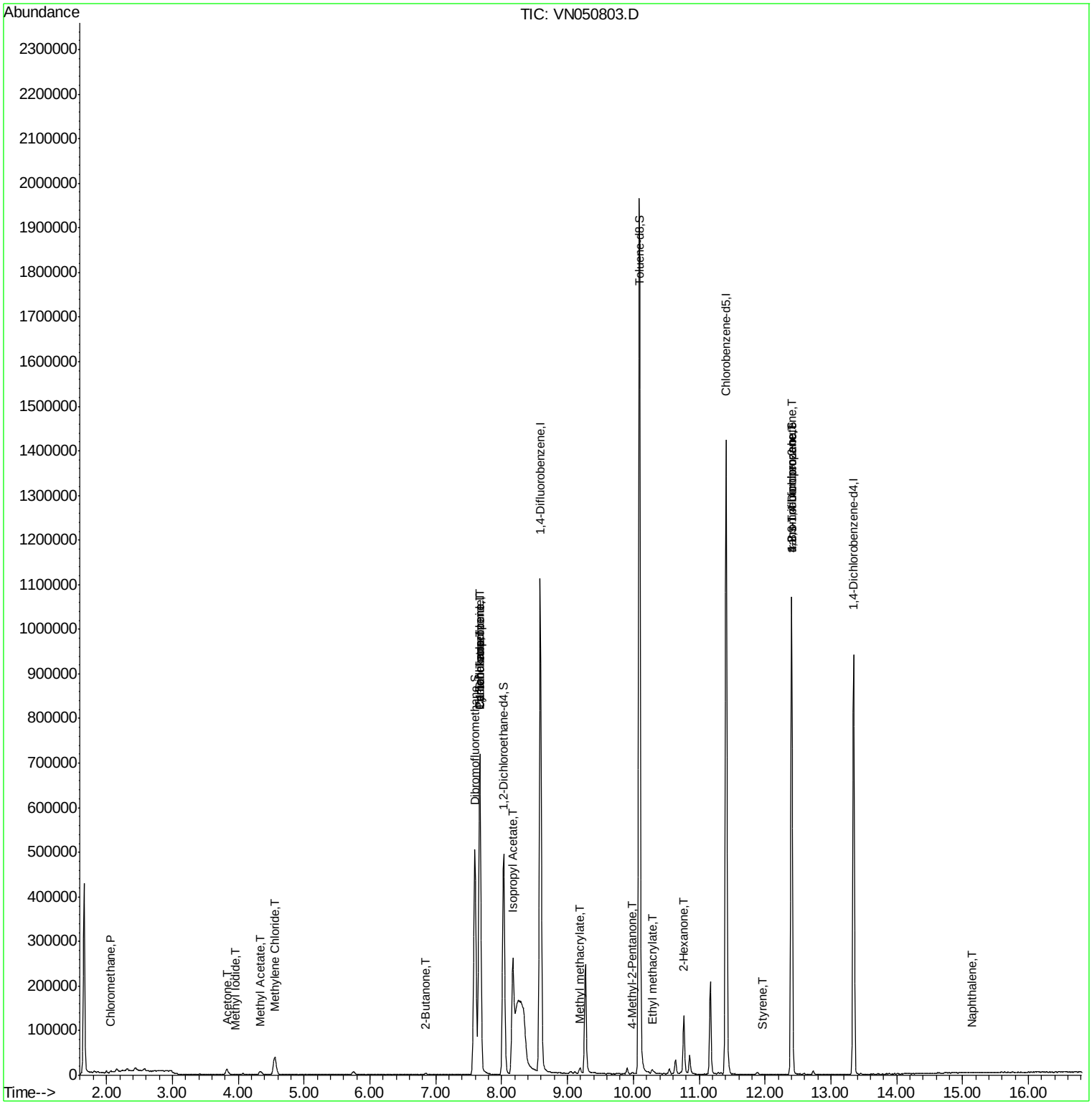
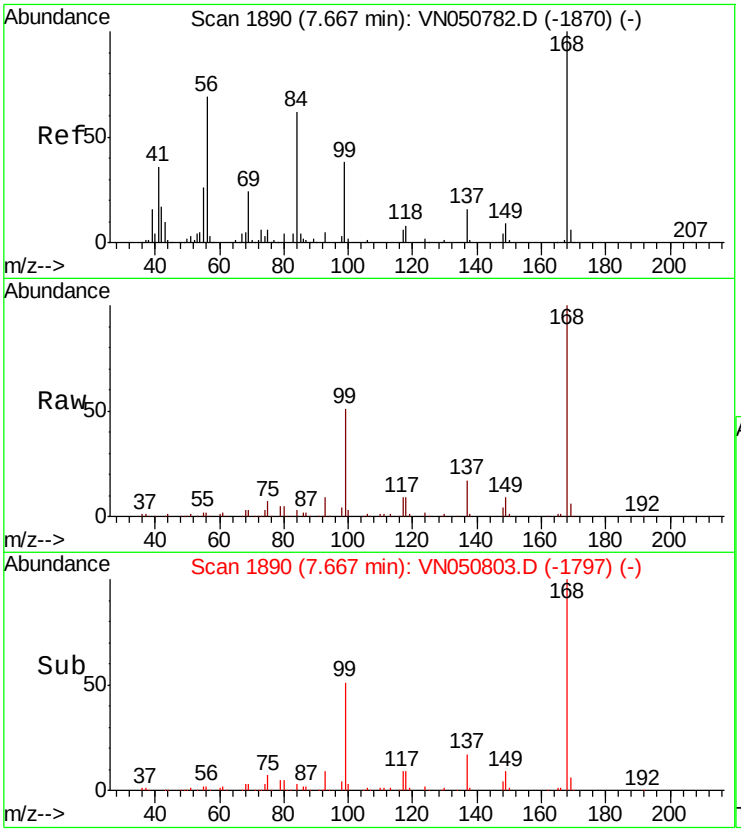


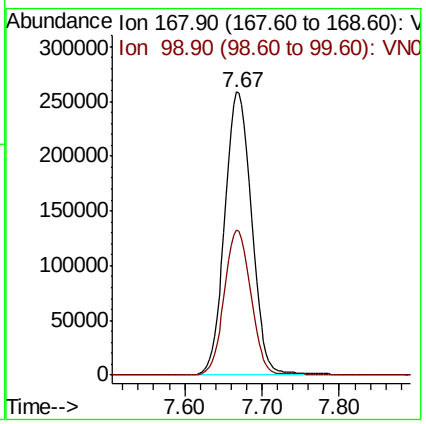


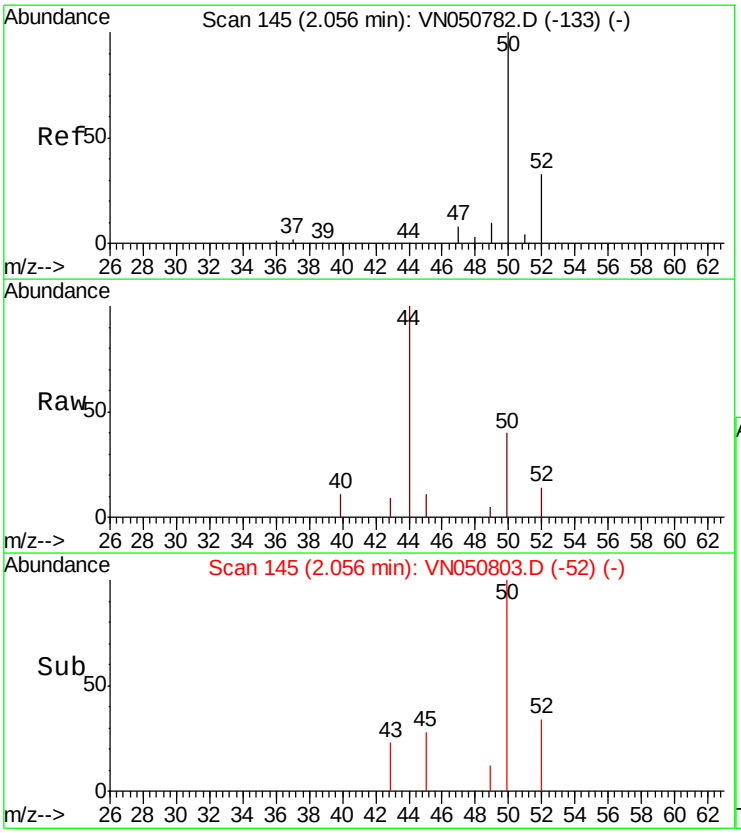
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#09

Tgt Ion:168 Resp: 623699

Ion	Ratio	Lower	Upper
168	100		
99	51.1	39.6	59.4

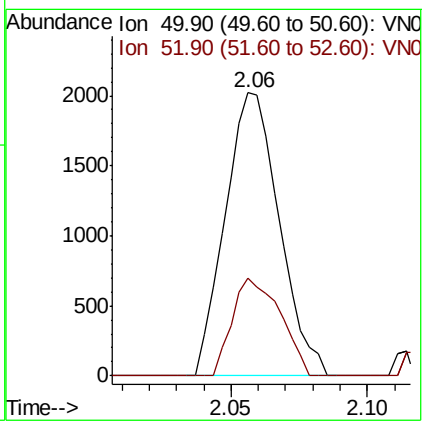


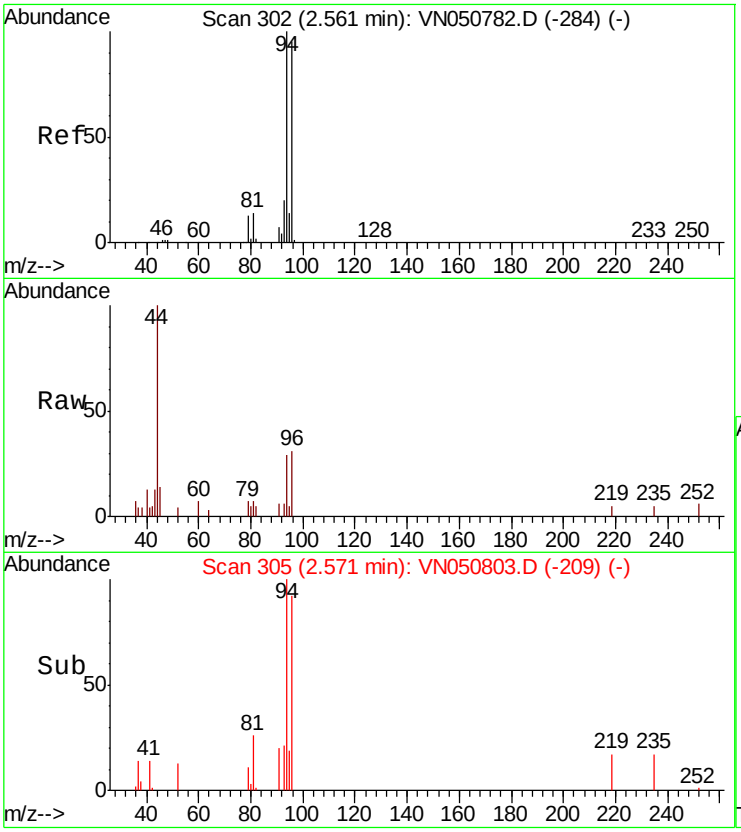


#3
Chloromethane
Concen: 0.270 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion: 50 Resp: 2780

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.3	39.5



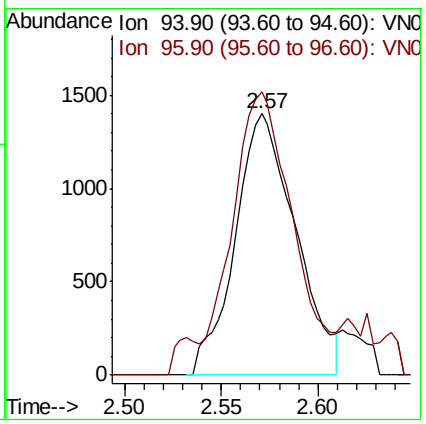


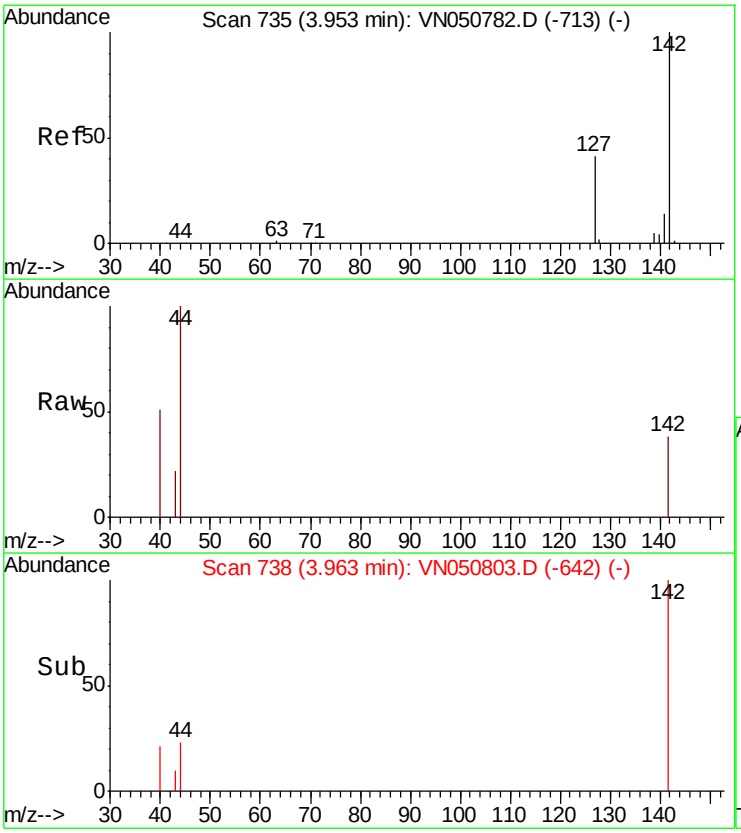
#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 305
Delta R.T. 0.01 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#09

Tgt Ion: 94 Resp: 3042

Ion	Ratio	Lower	Upper
94	100		
96	94.0	76.2	114.2

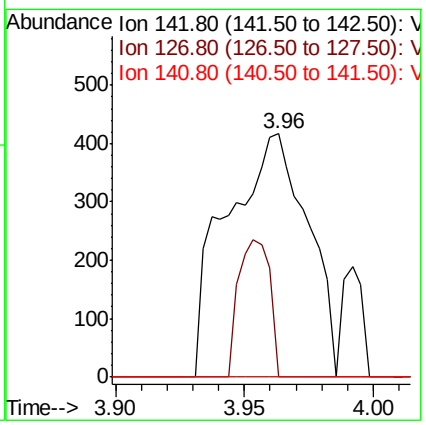


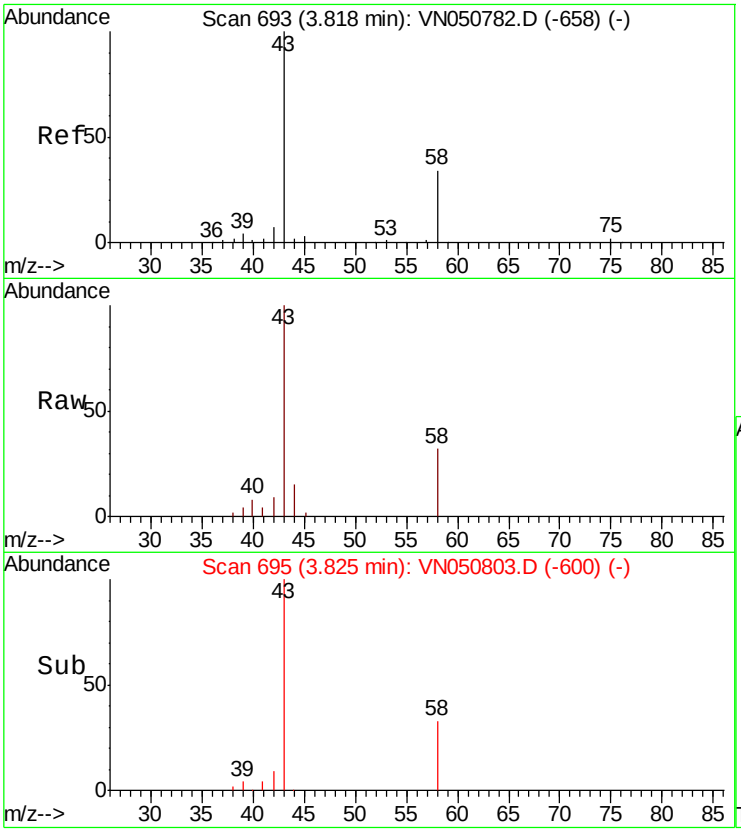


#10
Methyl Iodide
Concen: 6.457 ug/l
RT: 3.96 min Scan# 738
Delta R.T. 0.01 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion:142 Resp: 914

Ion	Ratio	Lower	Upper
142	100		
127	21.4	31.7	47.5#
141	0.0	11.4	17.0#



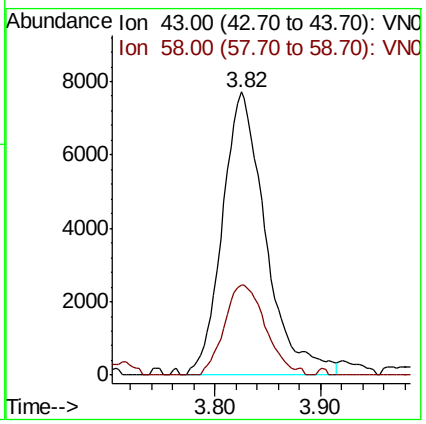


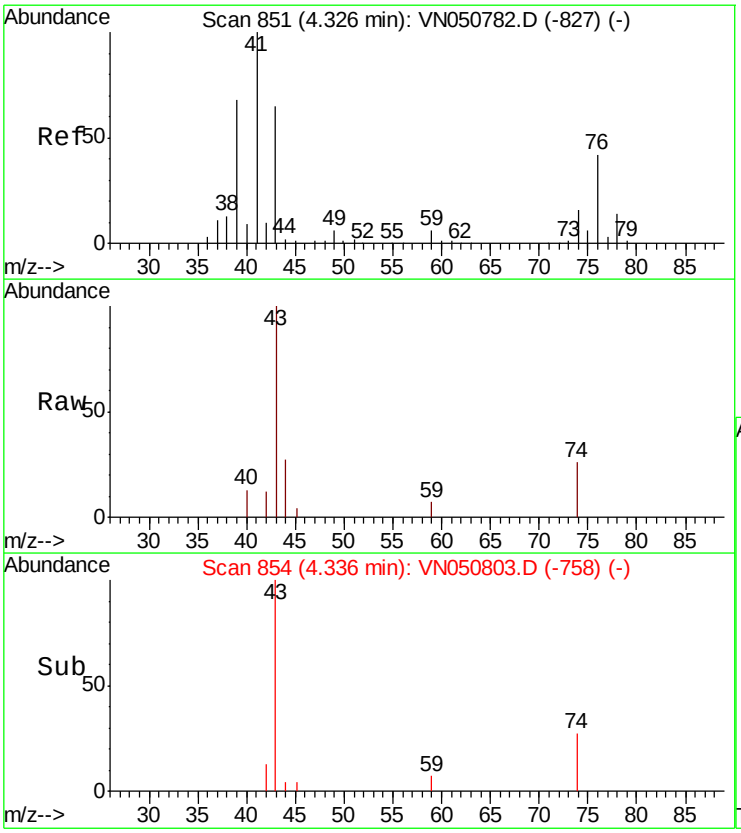
#16
Acetone
Concen: 5.441 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#09

Tgt Ion: 43 Resp: 21961

Ion	Ratio	Lower	Upper
43	100		
58	31.8	27.2	40.8

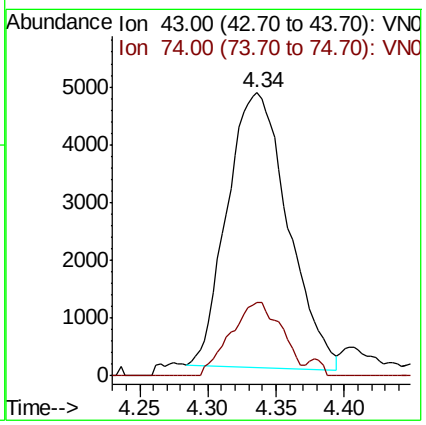


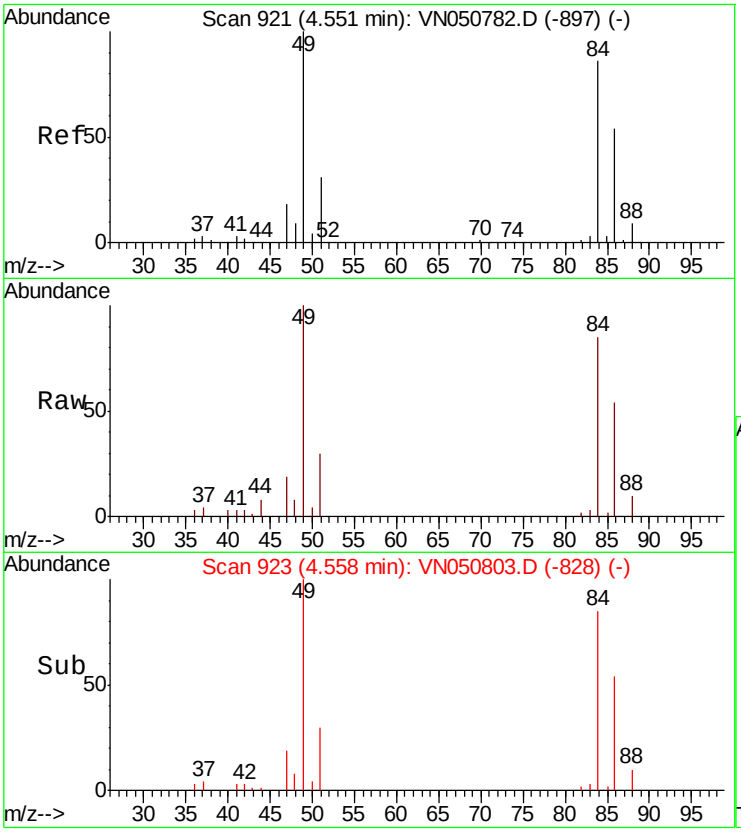


#18
Methyl Acetate
Concen: 2.069 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion: 43 Resp: 14668

Ion	Ratio	Lower	Upper
43	100		
74	22.7	19.8	29.8



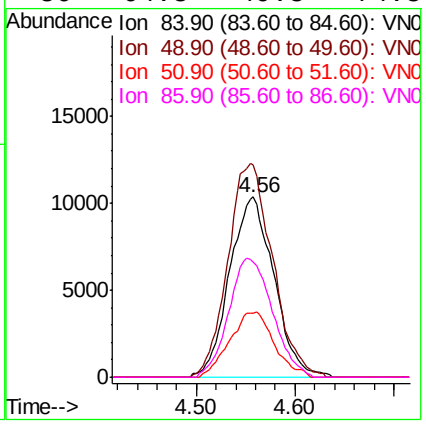


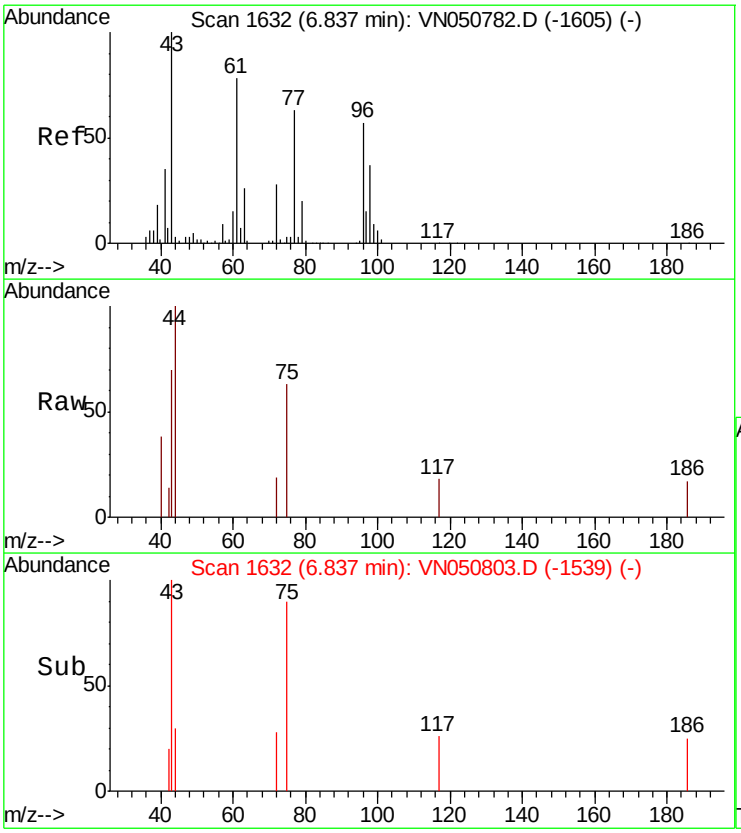
#20
Methylene Chloride
Concen: 3.810 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument : MSVOA_N
ClientSampleId : PB112227ZHE#09

Tgt Ion: 84 Resp: 32242

Ion	Ratio	Lower	Upper
84	100		
49	118.2	93.2	139.8
51	35.2	29.0	43.6
86	64.3	49.8	74.8

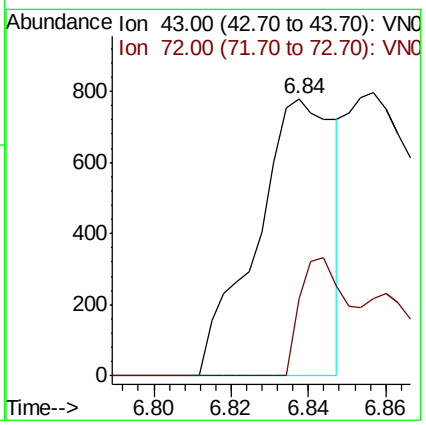


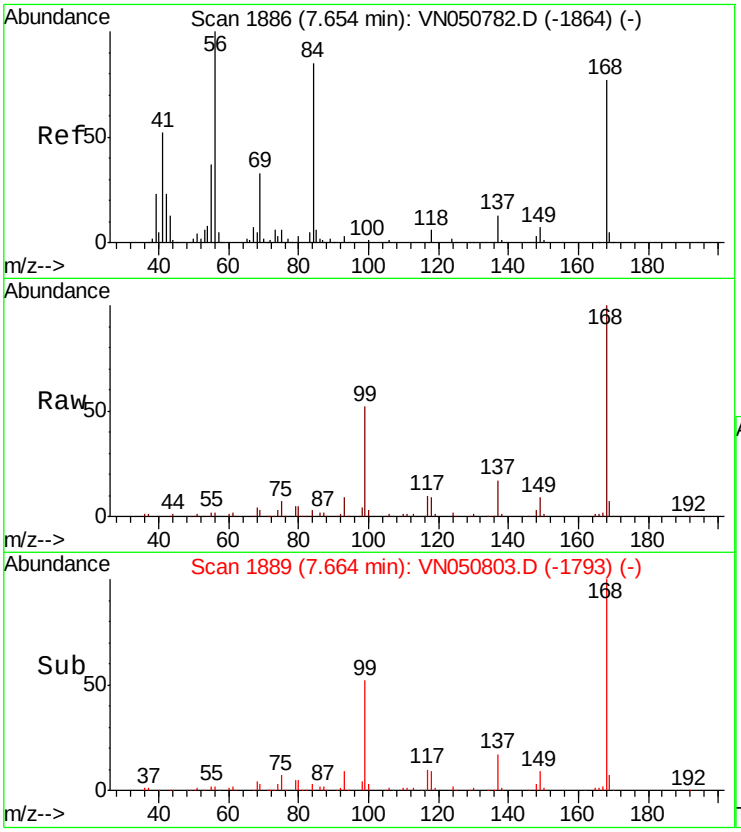


#25
2-Butanone
Concen: 0.361 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion: 43 Resp: 1092

Ion	Ratio	Lower	Upper
43	100		
72	27.9	22.3	33.5



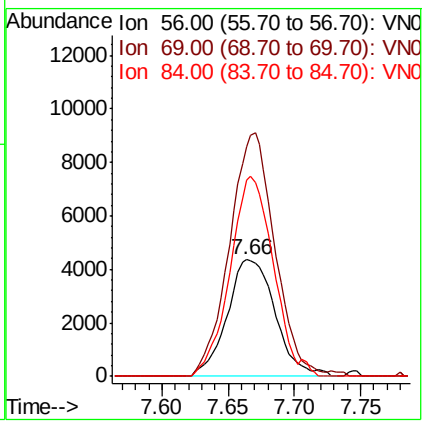


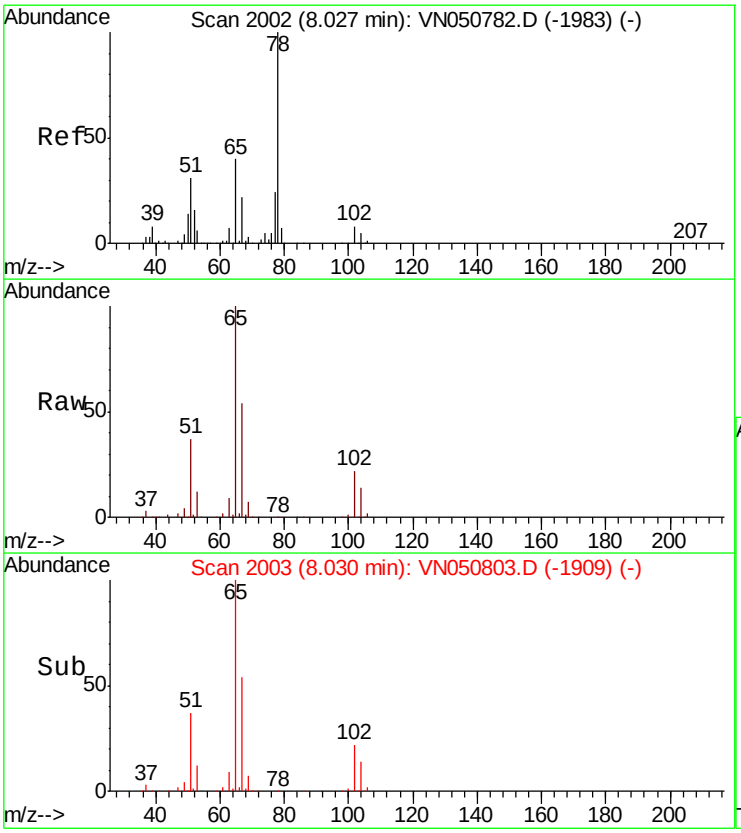
#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument : MSVOA_N
ClientSampleId : PB112227ZHE#09

Tgt Ion: 56 Resp: 10977

Ion	Ratio	Lower	Upper
56	100		
69	196.5	26.2	39.4#
84	167.8	68.3	102.5#

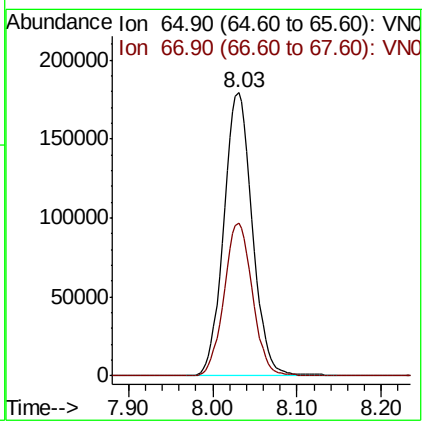


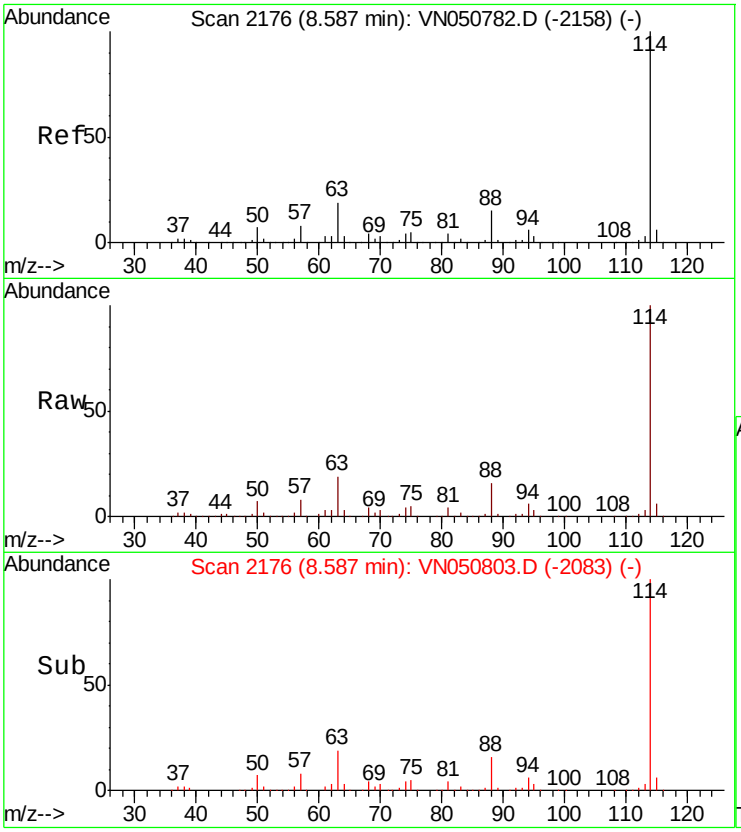


#33
1,2-Dichloroethane-d4
Concen: 56.230 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion: 65 Resp: 422201

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	110.4



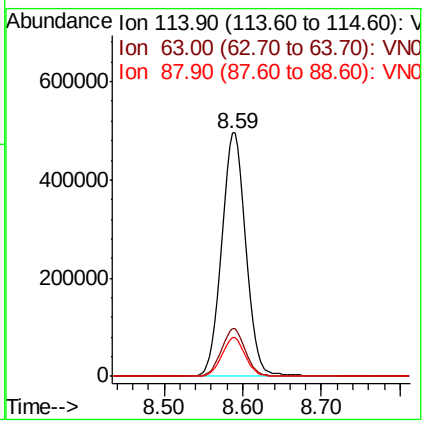


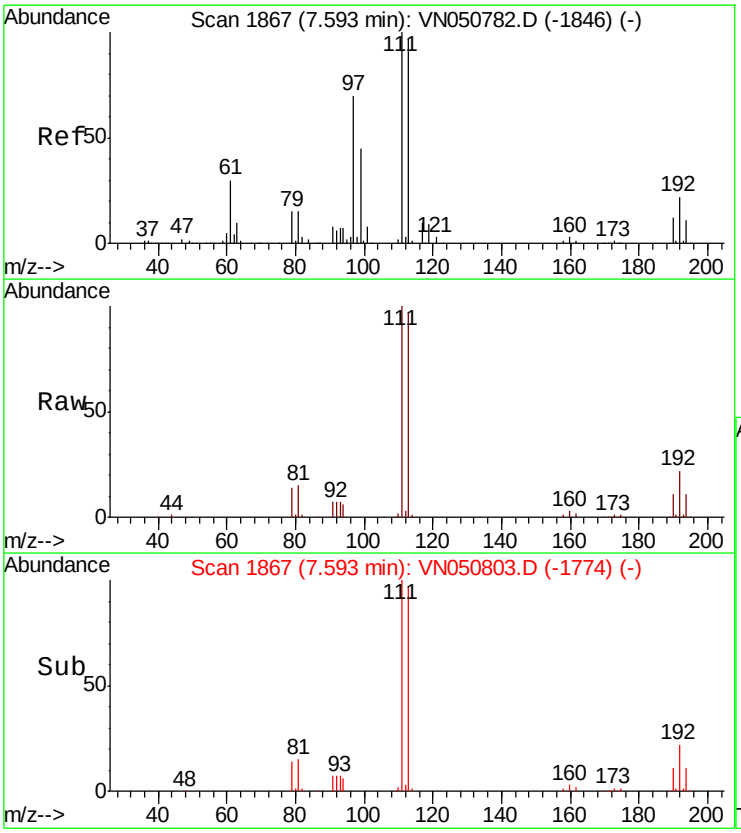
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#09

Tgt Ion:114 Resp: 1046901

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.8	0.0	30.6

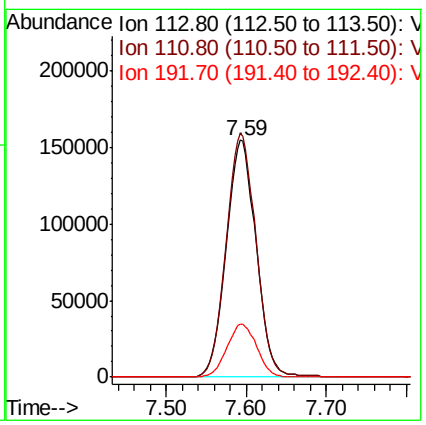


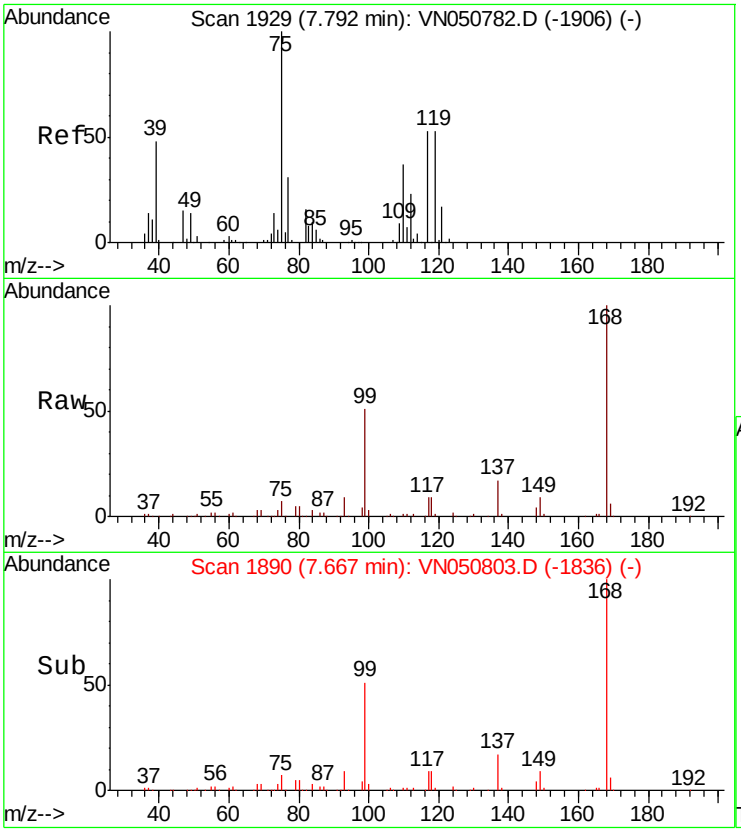


#35
Dibromofluoromethane
Concen: 47.275 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion:113 Resp: 393738

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	22.4	18.0	27.0



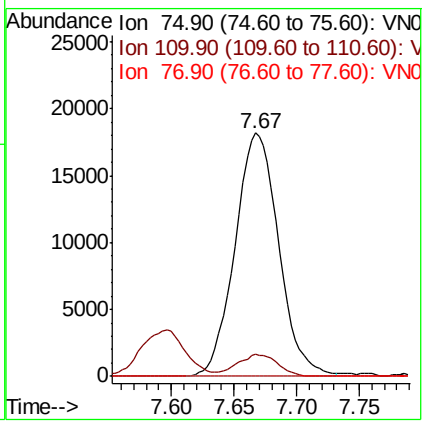


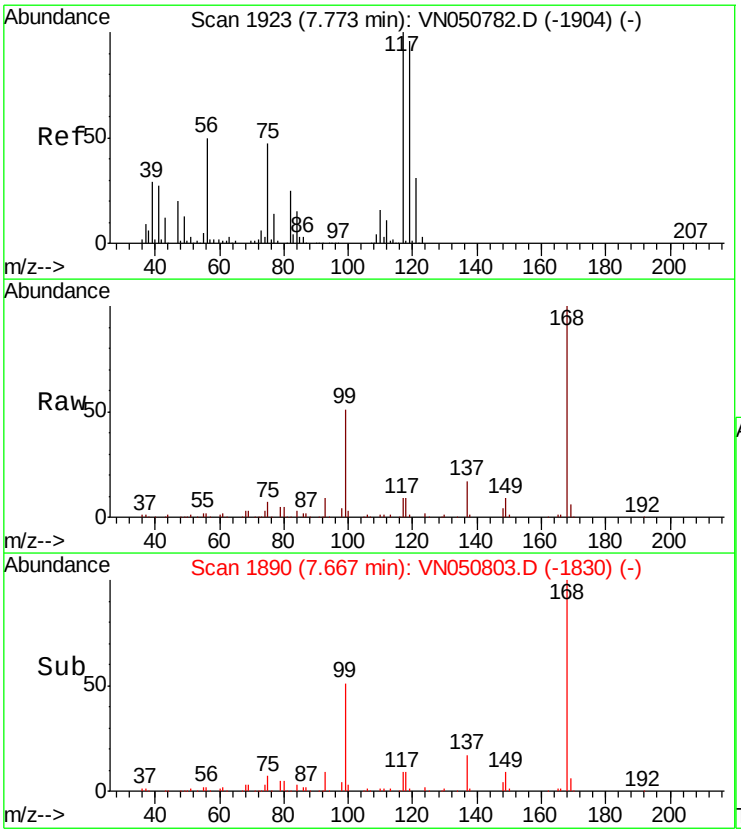
#36
1,1-Dichloropropene
Concen: 3.565 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#09

Tgt Ion: 75 Resp: 44039

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.0	24.8	37.2#

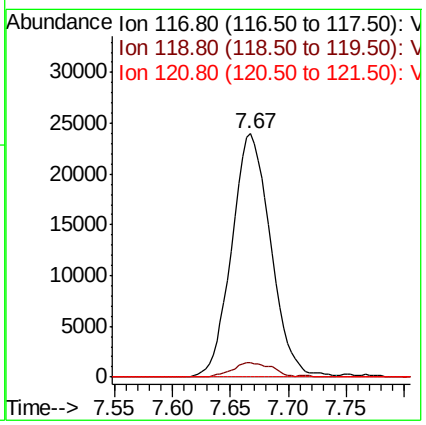


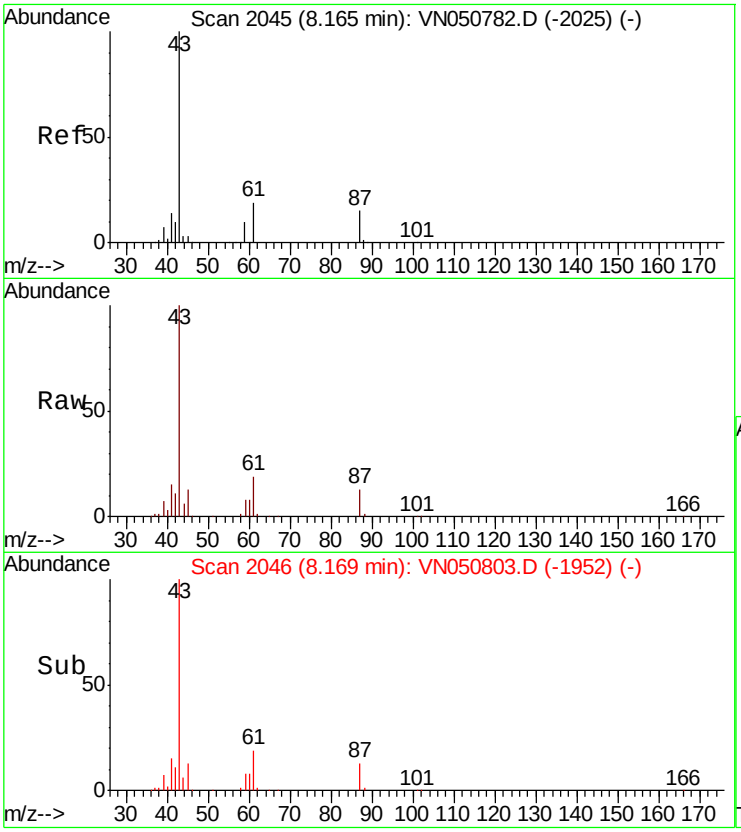


#38
Carbon Tetrachloride
Concen: 4.487 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion:117 Resp: 56037

Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.3	114.5#
121	0.0	24.6	36.8#



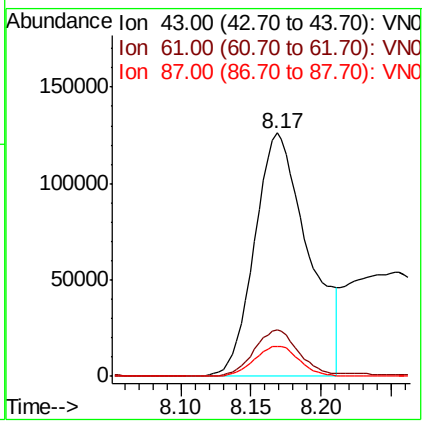


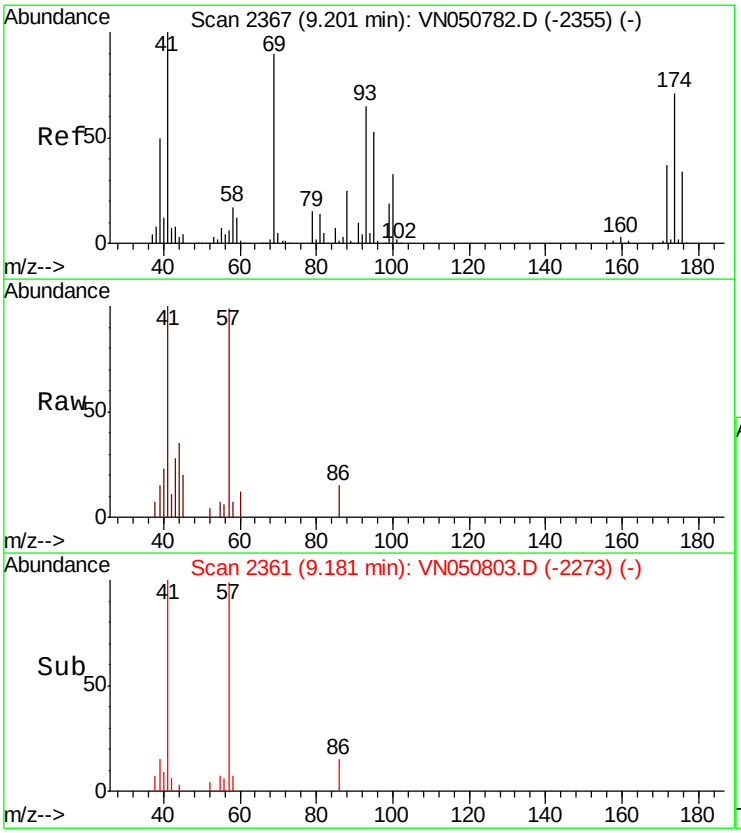
#43
Isopropyl Acetate
Concen: 27.372 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument : MSVOA_N
ClientSampleId : PB112227ZHE#09

Tgt Ion: 43 Resp: 333984

Ion	Ratio	Lower	Upper
43	100		
61	16.1	17.5	26.3#
87	10.5	11.3	16.9#

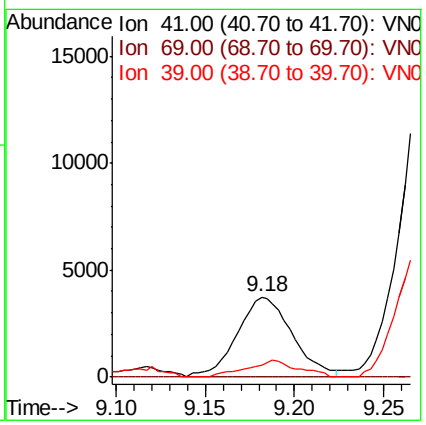


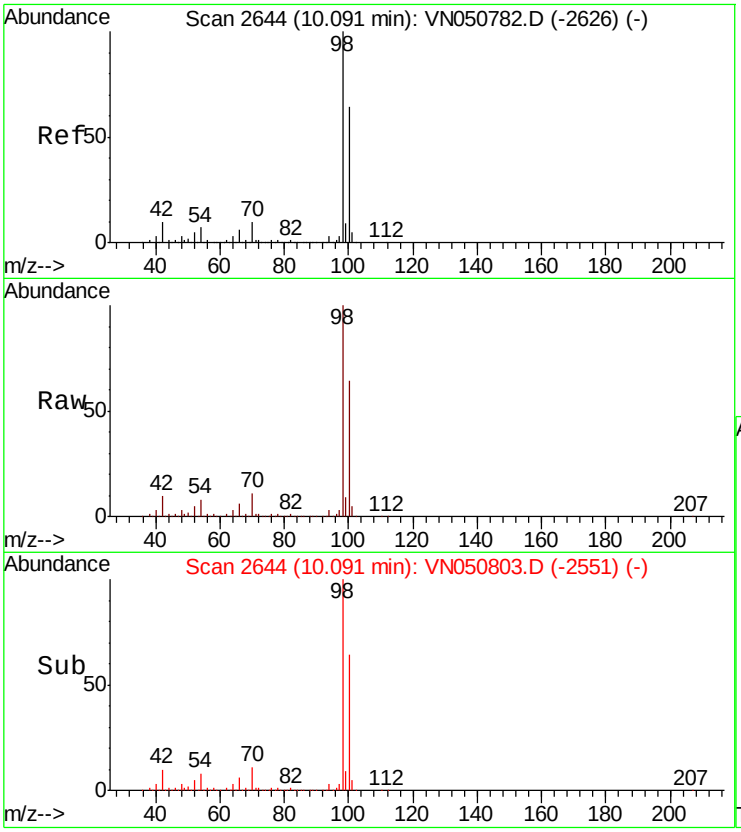


#48
Methyl methacrylate
Concen: 1.302 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion: 41 Resp: 8094

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.7	112.1#
39	19.5	42.2	63.2#



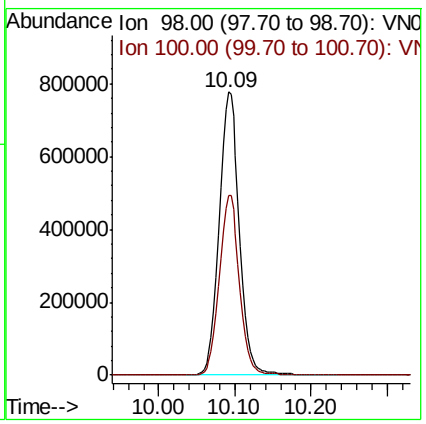


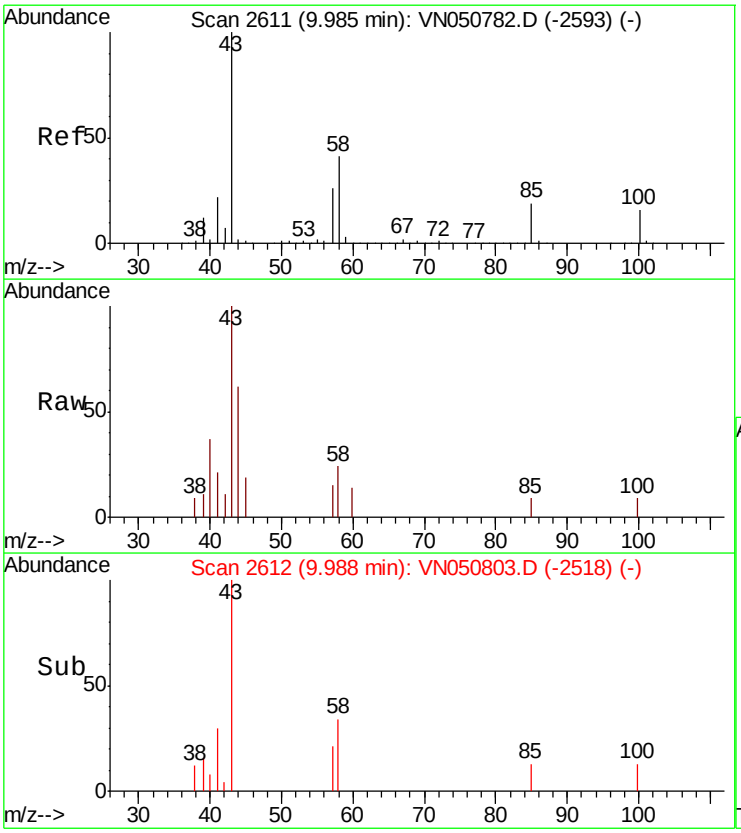
#50
Toluene-d8
Concen: 45.985 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument : MSVOA_N
ClientSampleId : PB112227ZHE#09

Tgt Ion: 98 Resp: 1431910

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3

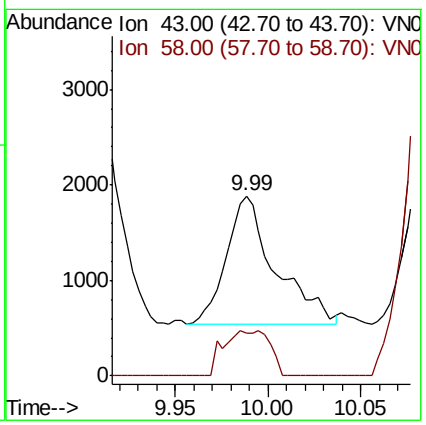


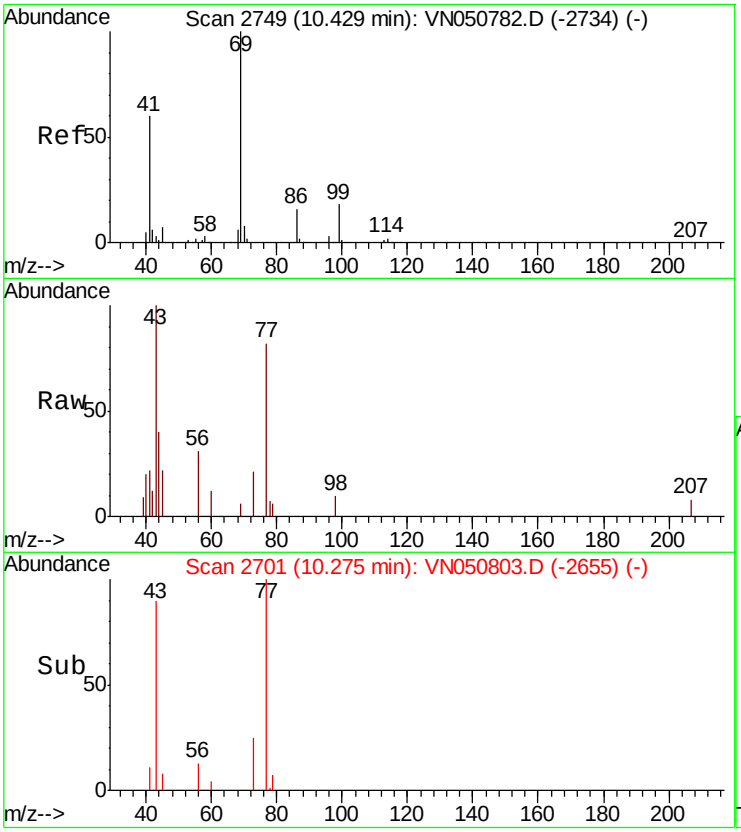


#51
4-Methyl-2-Pentanone
Concen: 0.337 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion: 43 Resp: 2454

Ion	Ratio	Lower	Upper
43	100		
58	33.5	32.4	48.6



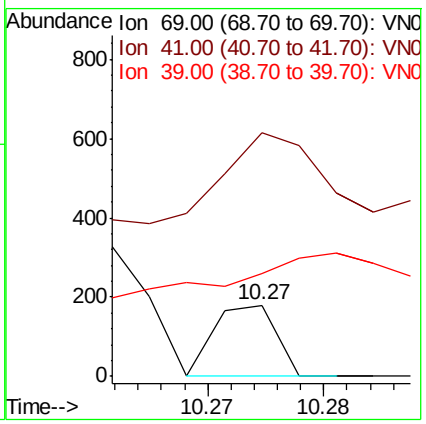


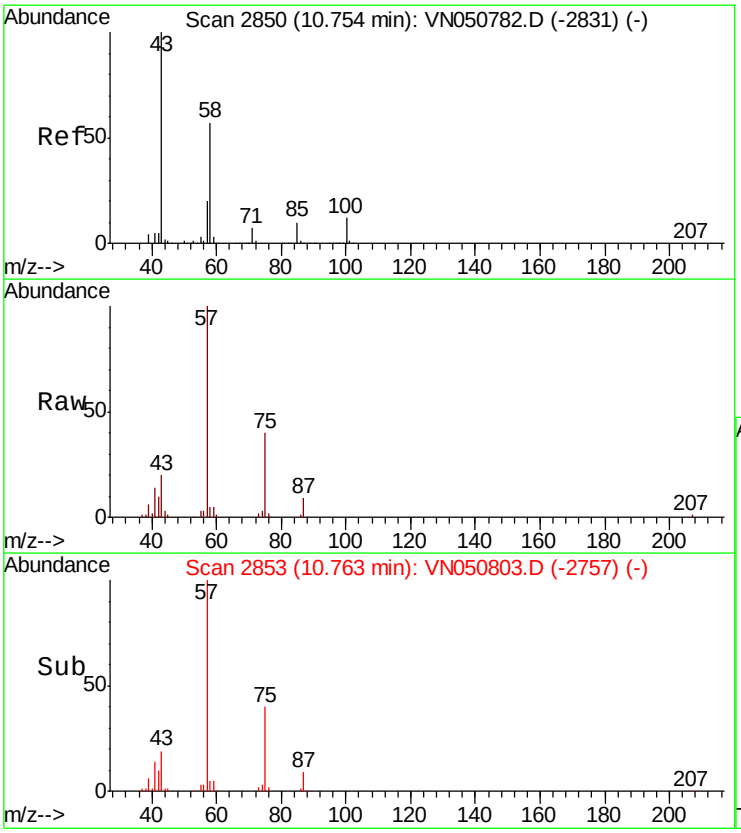
#56
Ethyl methacrylate
Concen: 2.356 ug/l
RT: 10.27 min Scan# 2701
Delta R.T. -0.15 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument : MSVOA_N
ClientSampleId : PB112227ZHE#09

Tgt Ion: 69 Resp: 66

Ion	Ratio	Lower	Upper
69	100		
41	486.4	48.3	72.5#
39	519.7	24.0	36.0#

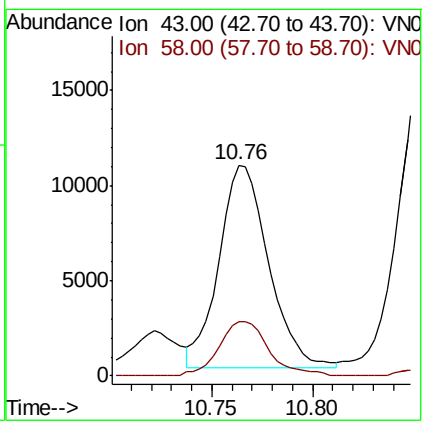


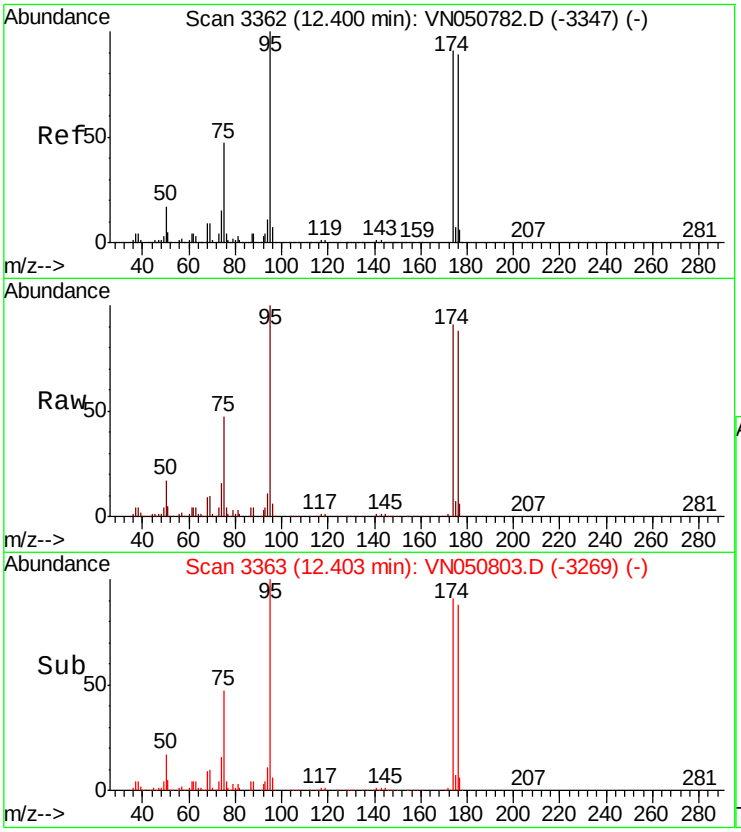


#59
2-Hexanone
Concen: 3.795 ug/l
RT: 10.76 min Scan# 2853
Delta R.T. 0.01 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion: 43 Resp: 18394

Ion	Ratio	Lower	Upper
43	100		
58	26.9	28.3	85.0#



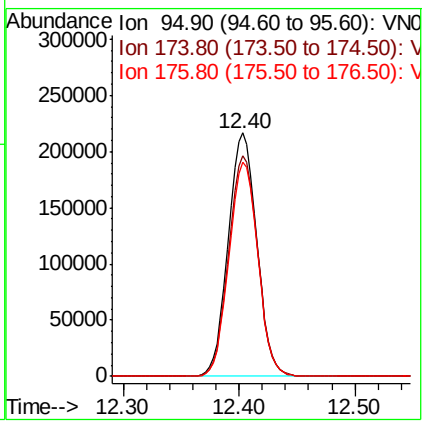


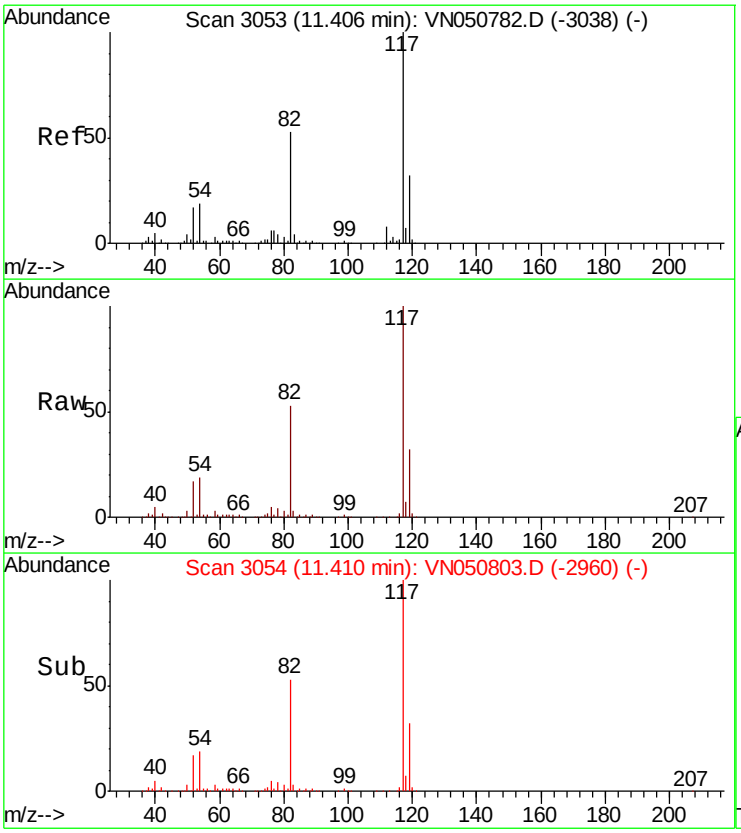
#62
4-Bromofluorobenzene
Concen: 35.473 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#09

Tgt Ion: 95 Resp: 367053

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	183.0
176	88.9	0.0	178.8

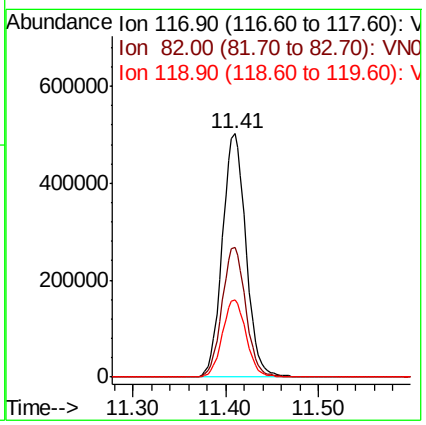


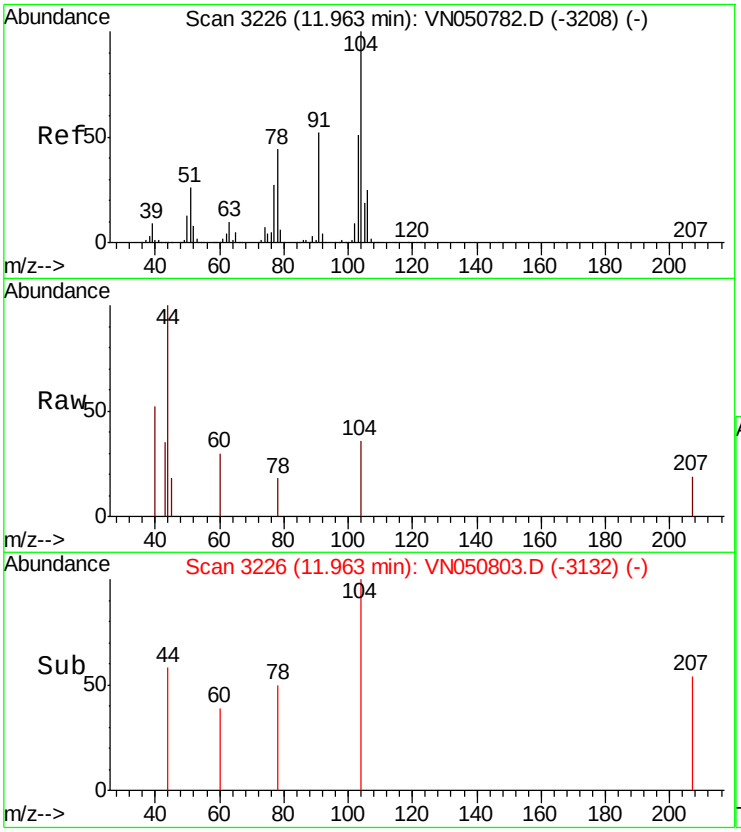


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion:117 Resp: 886027

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	64.0
119	31.9	25.8	38.6



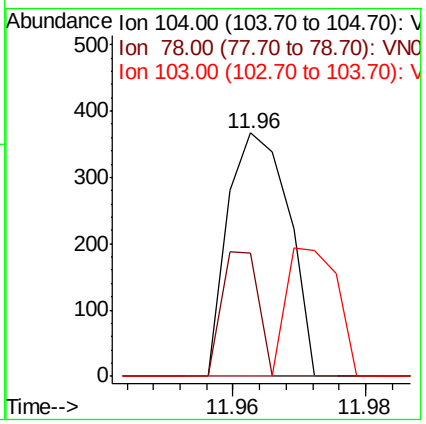


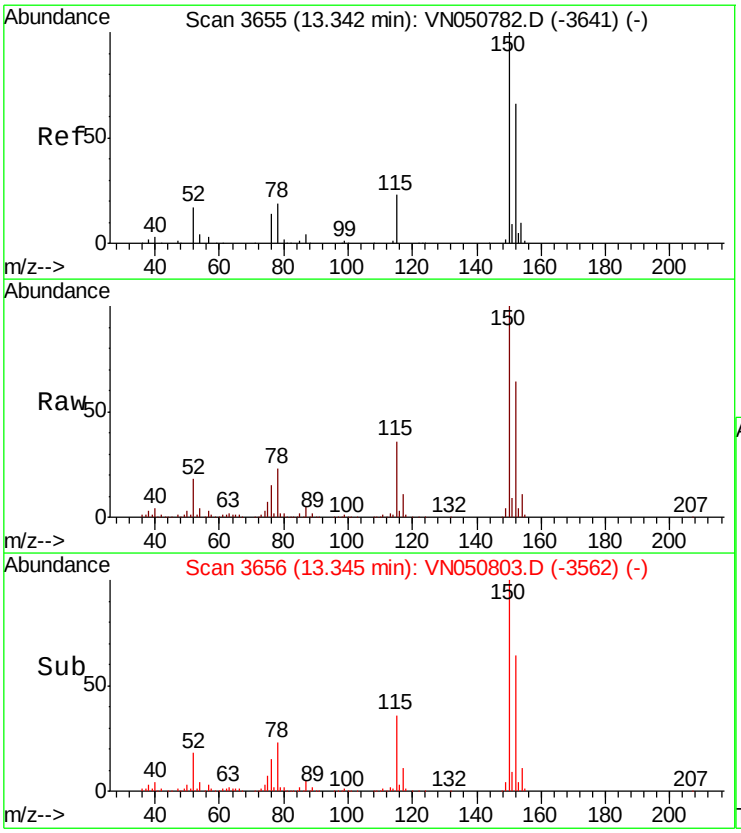
#70
Stvrene
Concen: 1.279 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument : MSVOA_N
ClientSampleId : PB112227ZHE#09

Tgt Ion:104 Resp: 233

Ion	Ratio	Lower	Upper
104	100		
78	30.9	38.2	57.4#
103	44.6	44.4	66.6

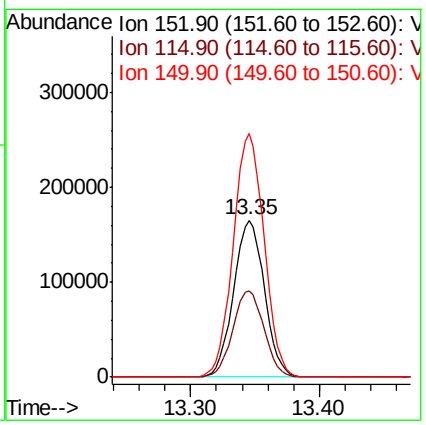


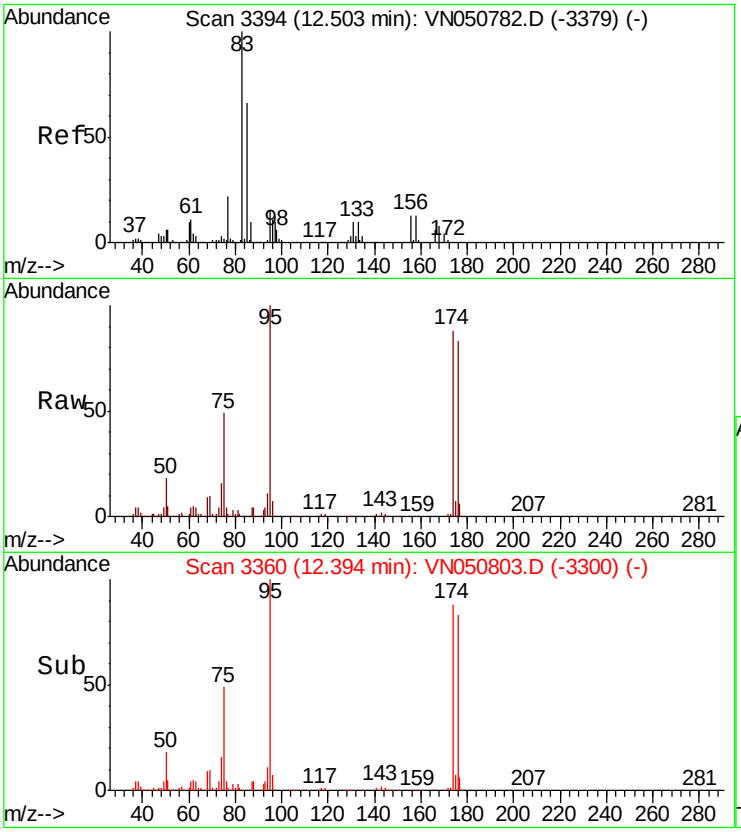


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion:152 Resp: 274310

Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.8	83.4
150	155.9	0.0	351.4



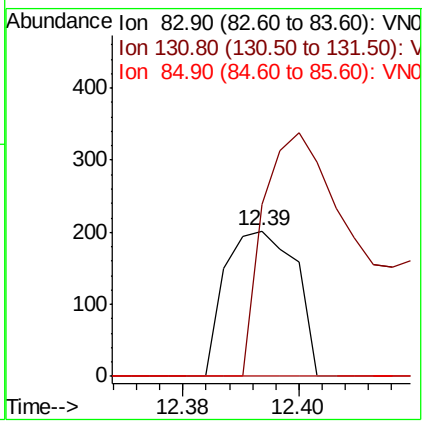


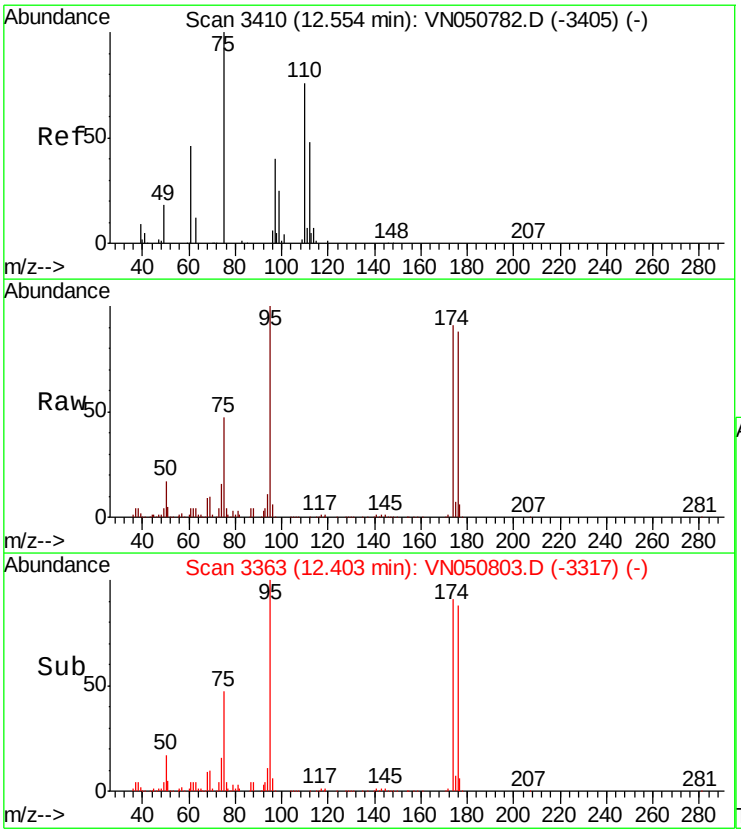
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.39 min Scan# 3360
Delta R.T. -0.11 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument : MSVOA_N
ClientSampleId : PB112227ZHE#09

Tgt Ion: 83 Resp: 170

Ion	Ratio	Lower	Upper
83	100		
131	235.9	5.3	15.9#
85	0.0	31.9	95.7#

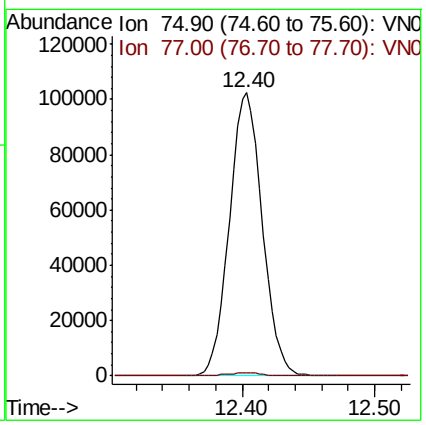


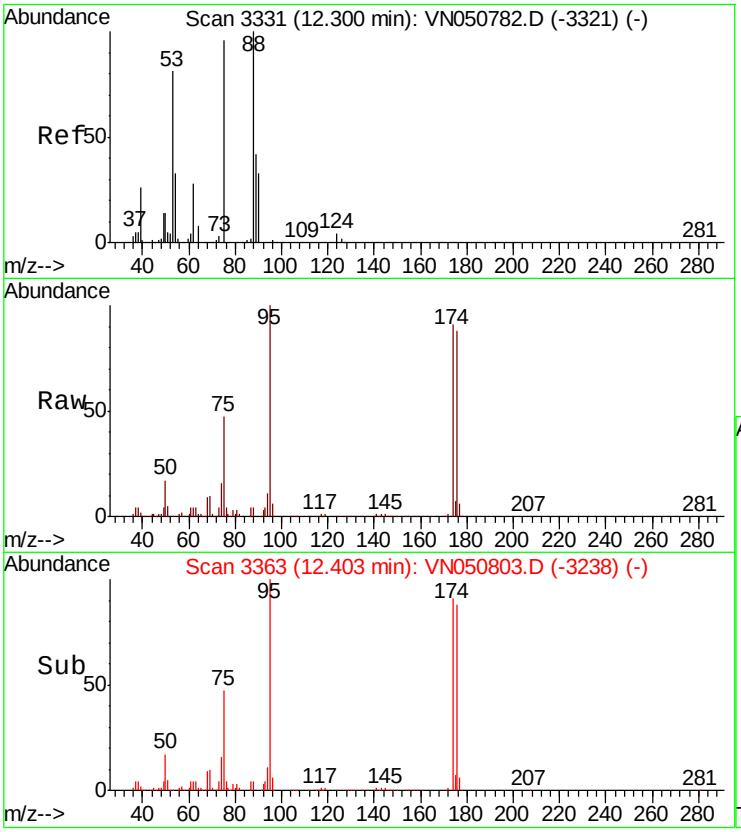


#76
1,2,3-Trichloropropane
Concen: 36.653 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion: 75 Resp: 176103

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



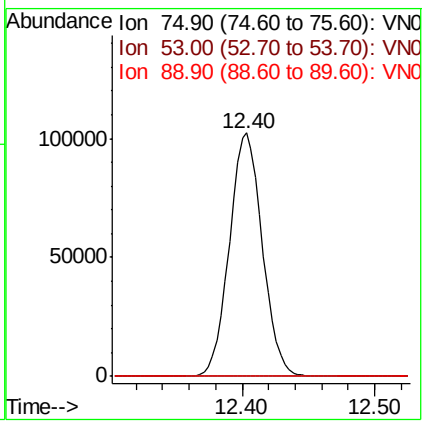


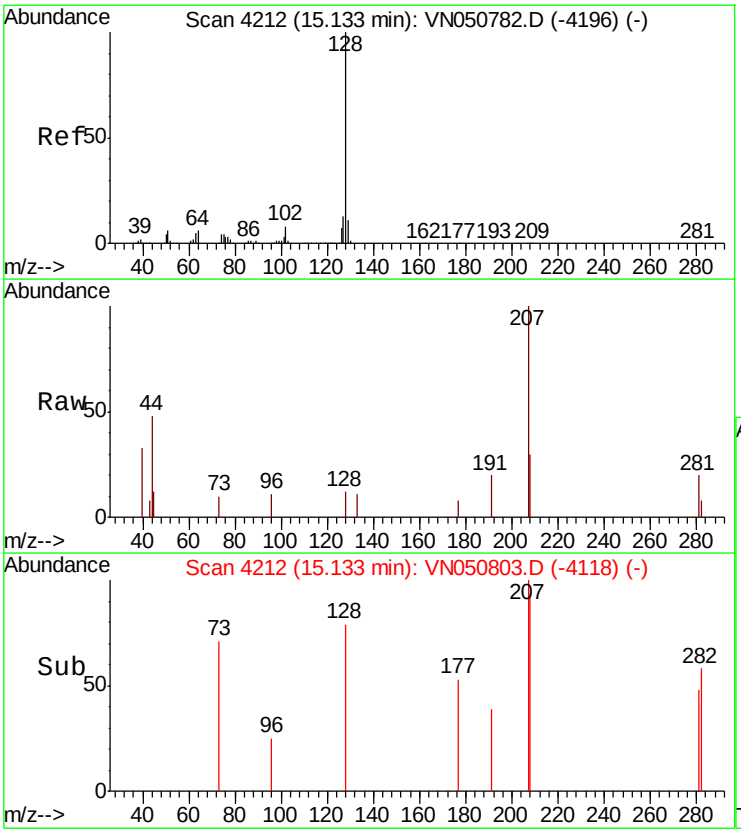
#81
trans-1,4-Dichloro-2-butene
Concen: 123.910 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#09

Tgt Ion: 75 Resp: 176103

Ion	Ratio	Lower	Upper
75	100		
53	0.2	68.9	103.3#
89	0.0	36.1	54.1#





#95
Naphthalene
Concen: 5.415 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050803.D
Acq: 22 Aug 2018 00:39

Tgt Ion:128 Resp: 188

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#