Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
Data File : VN050603.D
Acq On : 14 Aug 2018 15:36
Operator : MD\SY
Sample : PB112004TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Quant Time: Aug 15 07:08:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	597481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1007502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	870412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	415374	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.30%			
35) Dibromofluoromethane	7.59	113	387084	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.24%			
50) Toluene-d8	10.09	98	1367895	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.38%			
62) 4-Bromofluorobenzene	12.40	95	389517	38.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.90%			
Target Compounds						Qvalue
3) Chloromethane	2.06	50	2635	Below Cal		94
5) Bromomethane	2.56	94	3277	Below Cal		100
6) Chloroethane	2.71	64	233	Below Cal	#	43
10) Methyl Iodide	3.95	142	1286	7.168	ug/l #	81
16) Acetone	3.82	43	13128	5.564	ug/l	91
18) Methyl Acetate	4.33	43	11240	1.153	ug/l	99
20) Methylene Chloride	4.55	84	13666	0.654	ug/l	92
25) 2-Butanone	6.85	43	2334	0.756	ug/l #	48
29) Tetrahydrofuran	7.21	42	401	0.249	ug/l #	33
31) Cyclohexane	7.67	56	11033	0.625	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41546	3.704	ug/l #	49
37) Ethyl Acetate	6.85	43	2334	0.368	ug/l #	67
38) Carbon Tetrachloride	7.67	117	54667	4.699	ug/l #	17
43) Isopropyl Acetate	8.17	43	225572	19.525	ug/l	98
48) Methyl methacrylate	9.18	41	7082	1.218	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2355	0.301	ug/l #	71
56) Ethyl methacrylate	10.27	69	154	1.920	ug/l #	1
59) 2-Hexanone	10.77	43	16651	3.302	ug/l #	56
70) Styrene	11.96	104	432	0.959	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.41	83	32	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	186106	35.242	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	186106	127.676	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.92	180	347	2.730	ug/l #	76
95) Naphthalene	15.14	128	800	3.920	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	246	1.982	ug/l #	52

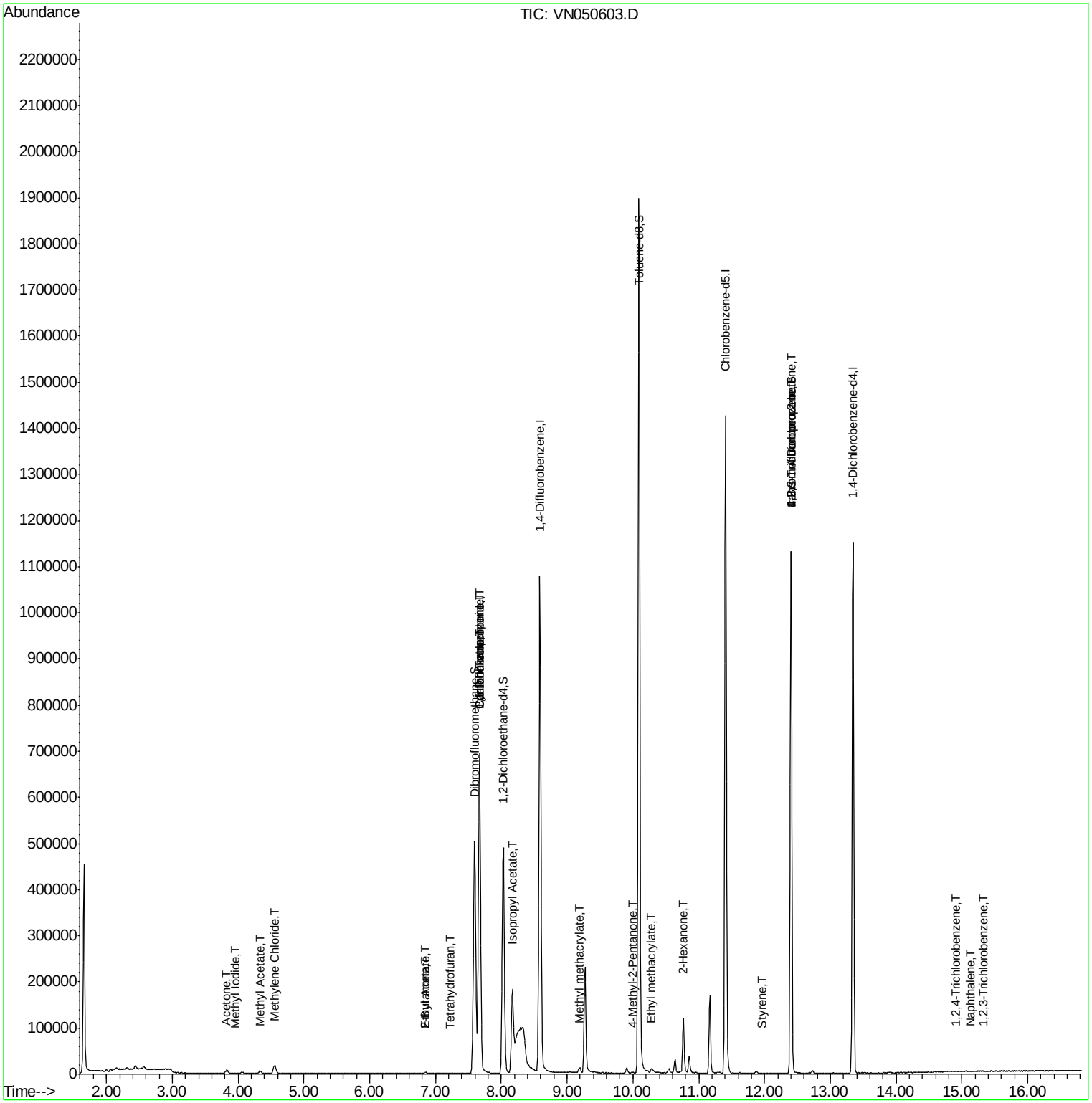
(#) = qualifier out of range (m) = manual integration (+) = signals summed

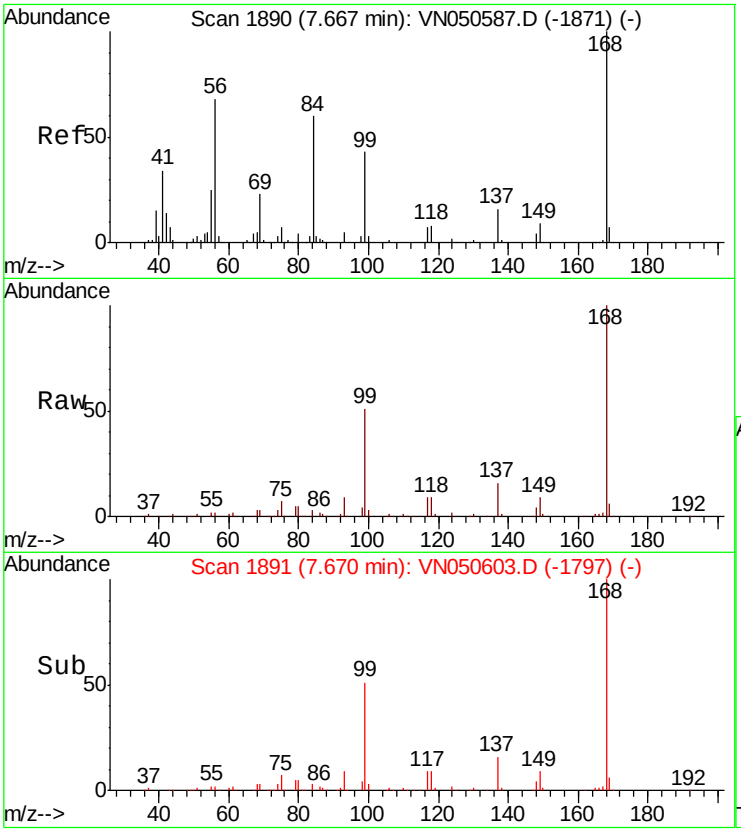
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
Data File : VN050603.D
Acq On : 14 Aug 2018 15:36
Operator : MD\SY
Sample : PB112004TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Quant Time: Aug 15 07:08:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration



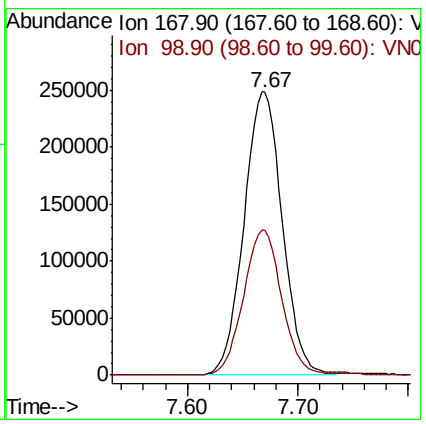


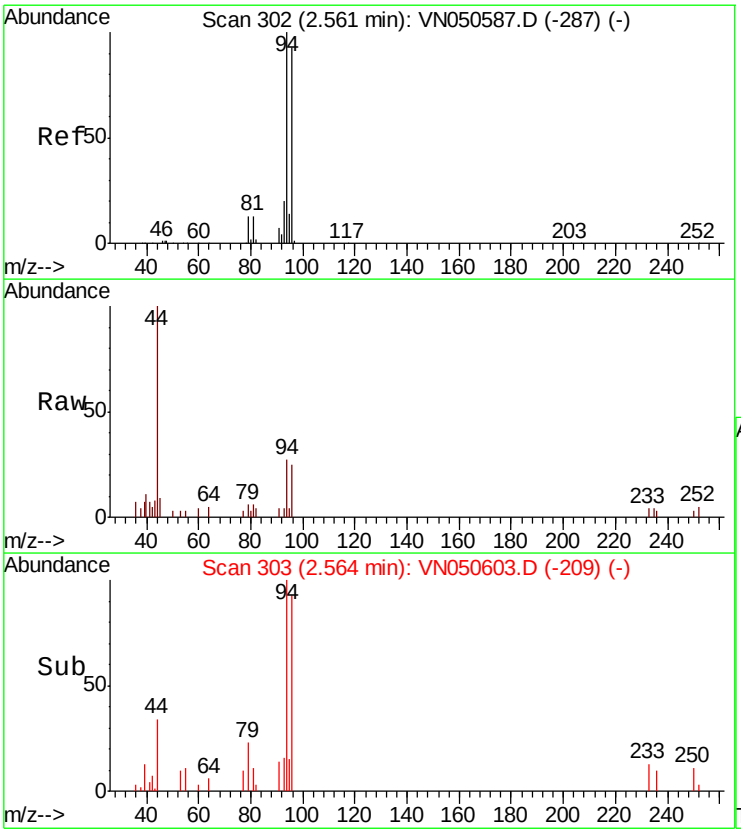
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB112004TB

Tgt Ion:168 Resp: 597481

Ion	Ratio	Lower	Upper
168	100		
99	51.2	40.8	61.2

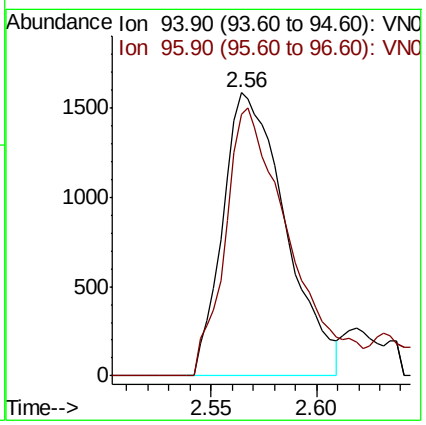


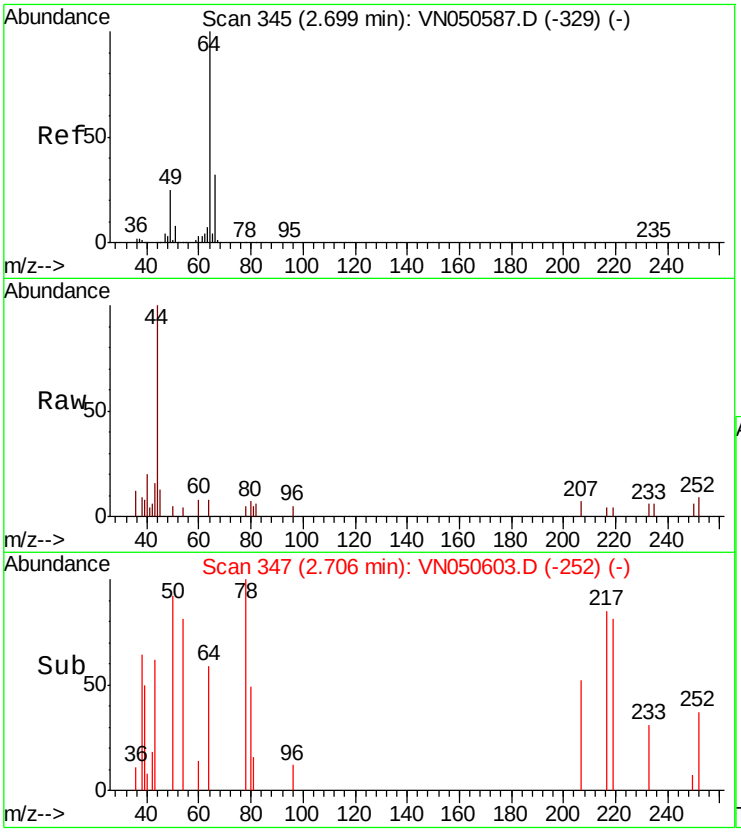


#5
Bromomethane
Concen: Below Cal
RT: 2.56 min Scan# 303
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion: 94 Resp: 3277

Ion	Ratio	Lower	Upper
94	100		
96	92.6	74.0	111.0



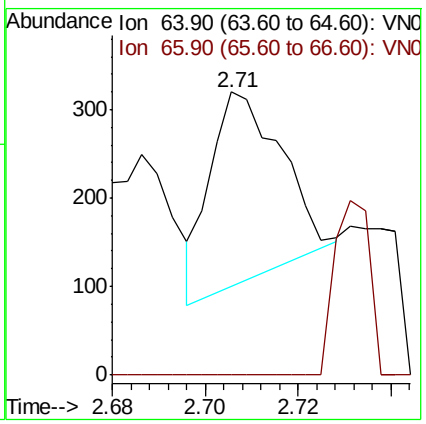


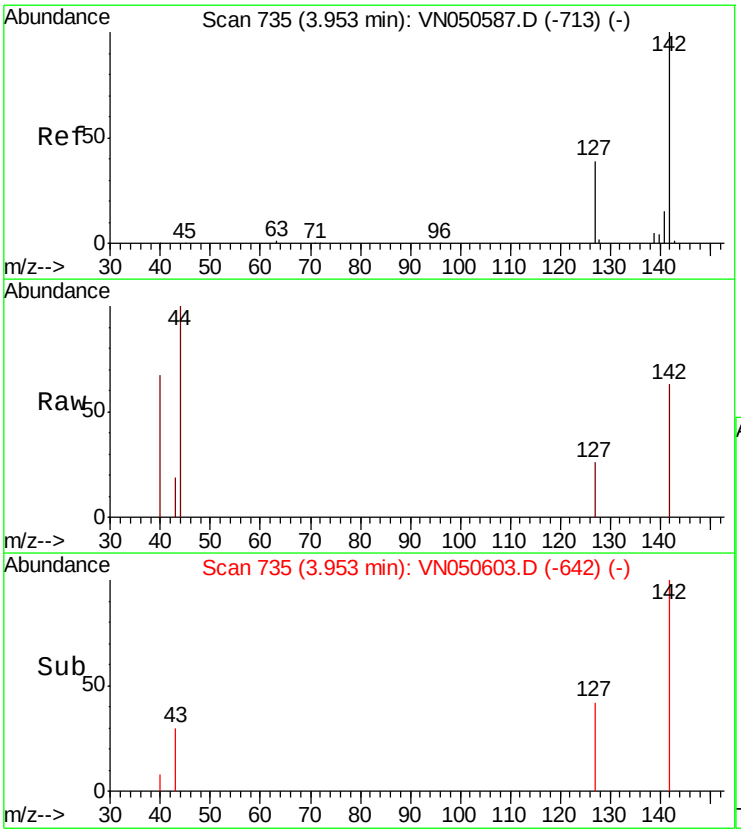
#6
Chloroethane
Concen: Below Cal
RT: 2.71 min Scan# 347
Delta R.T. 0.01 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB112004TB

Tgt Ion: 64 Resp: 233

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.7	38.5#

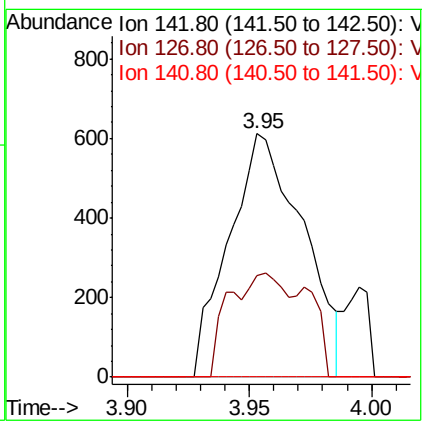


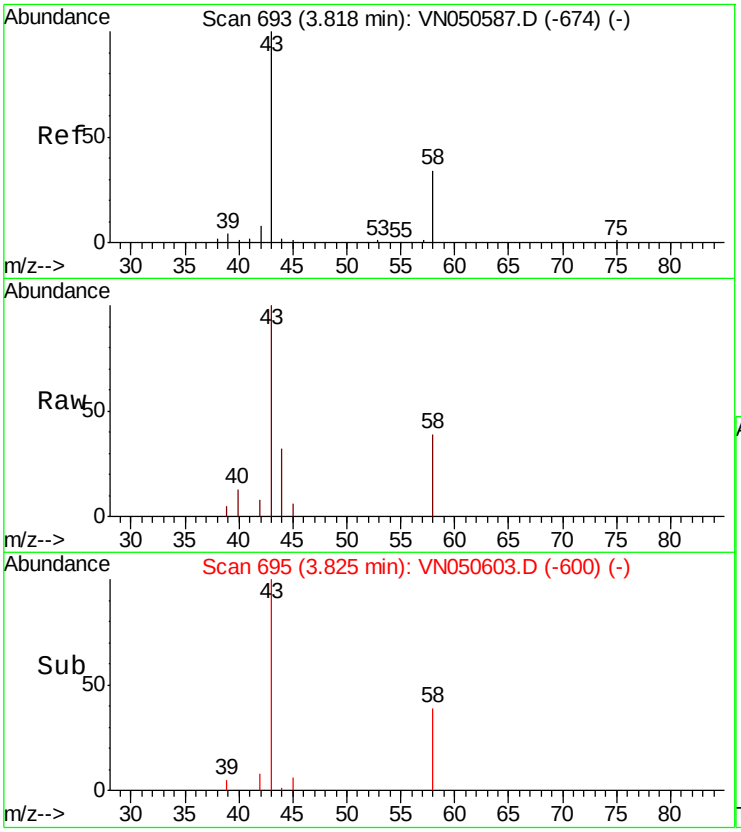


#10
Methyl Iodide
Concen: 7.168 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion:142 Resp: 1286

Ion	Ratio	Lower	Upper
142	100		
127	32.8	32.6	49.0
141	0.0	11.5	17.3#



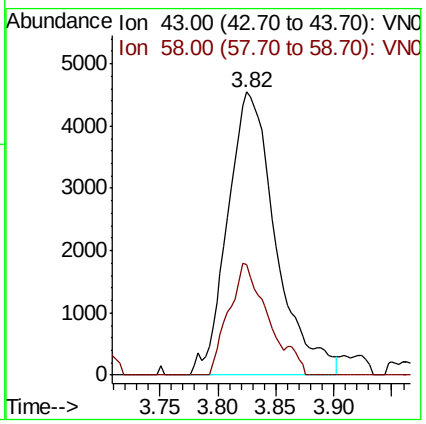


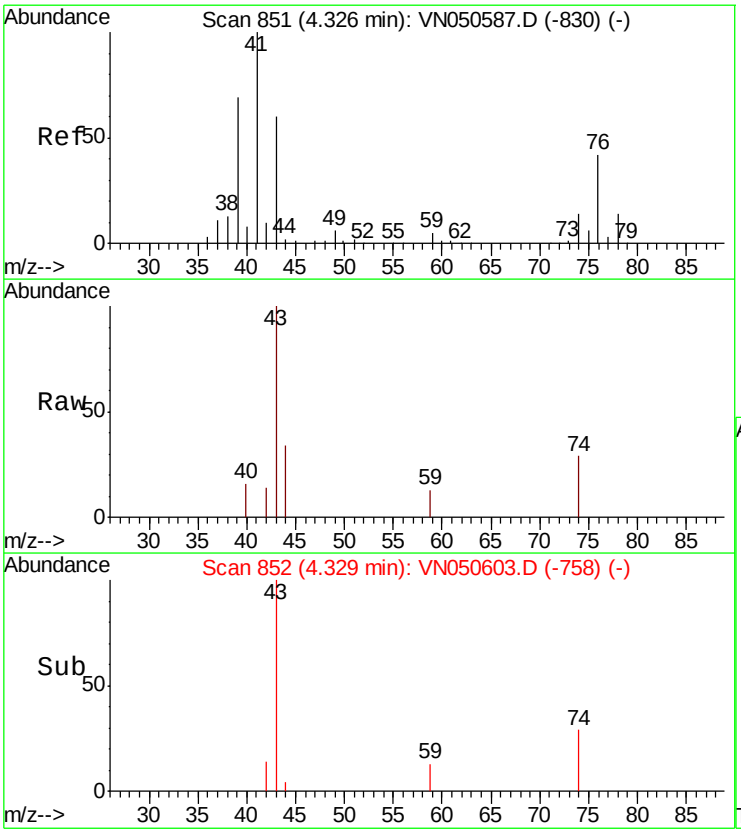
#16
Acetone
Concen: 5.564 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion: 43 Resp: 13128

Ion	Ratio	Lower	Upper
43	100		
58	39.2	27.1	40.7

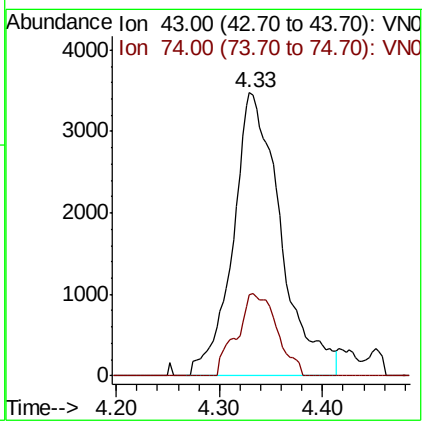


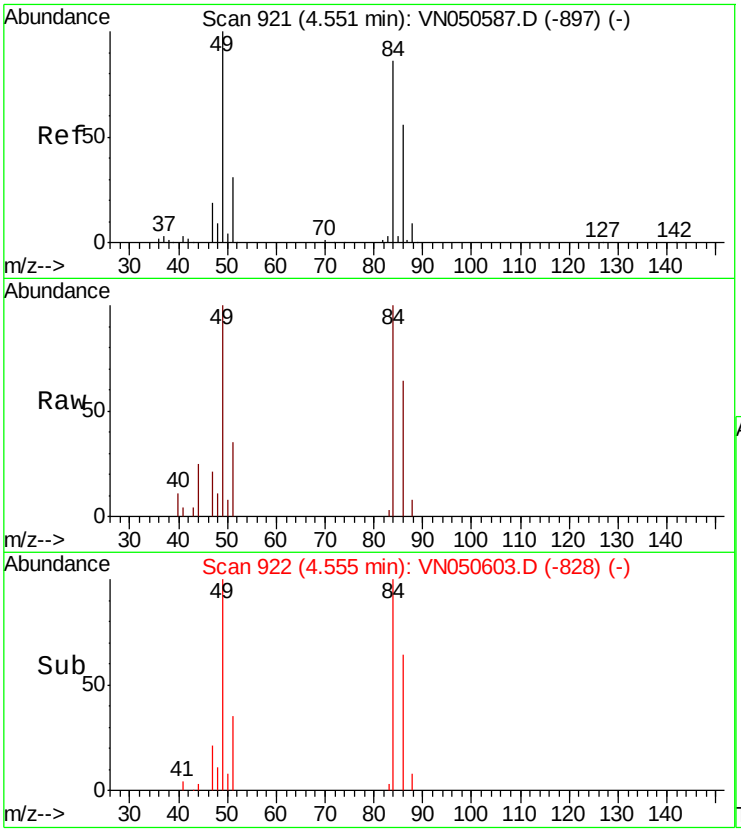


#18
Methyl Acetate
Concen: 1.153 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion: 43 Resp: 11240

Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.7	29.5



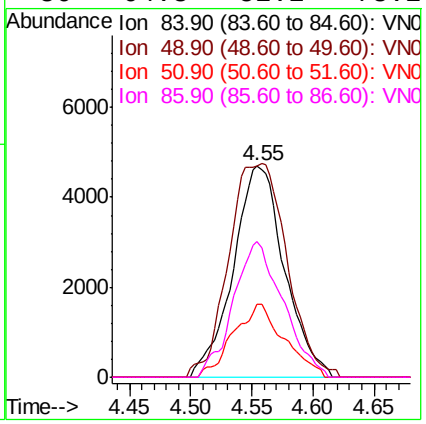


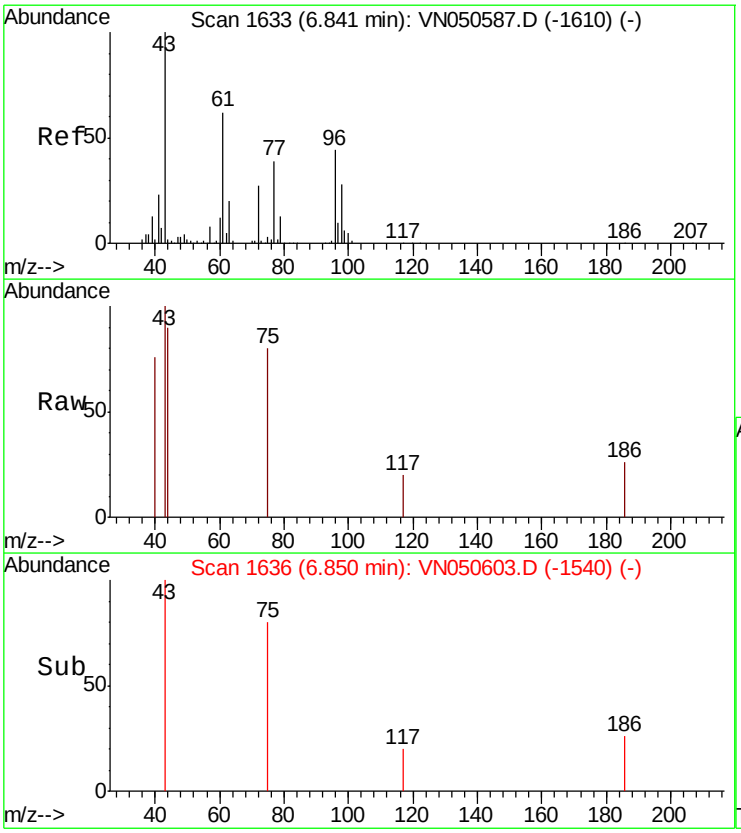
#20
Methylene Chloride
Concen: 0.654 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB112004TB

Tgt Ion: 84 Resp: 13666

Ion	Ratio	Lower	Upper
84	100		
49	100.2	92.6	138.8
51	34.8	28.6	43.0
86	64.3	52.2	78.2

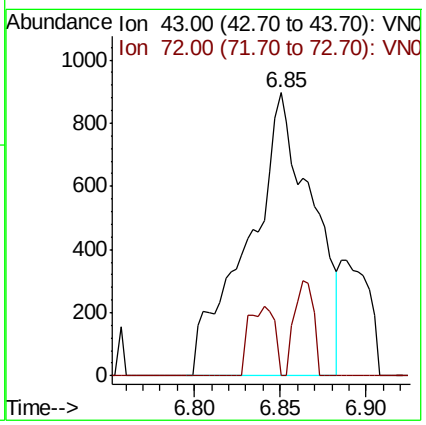


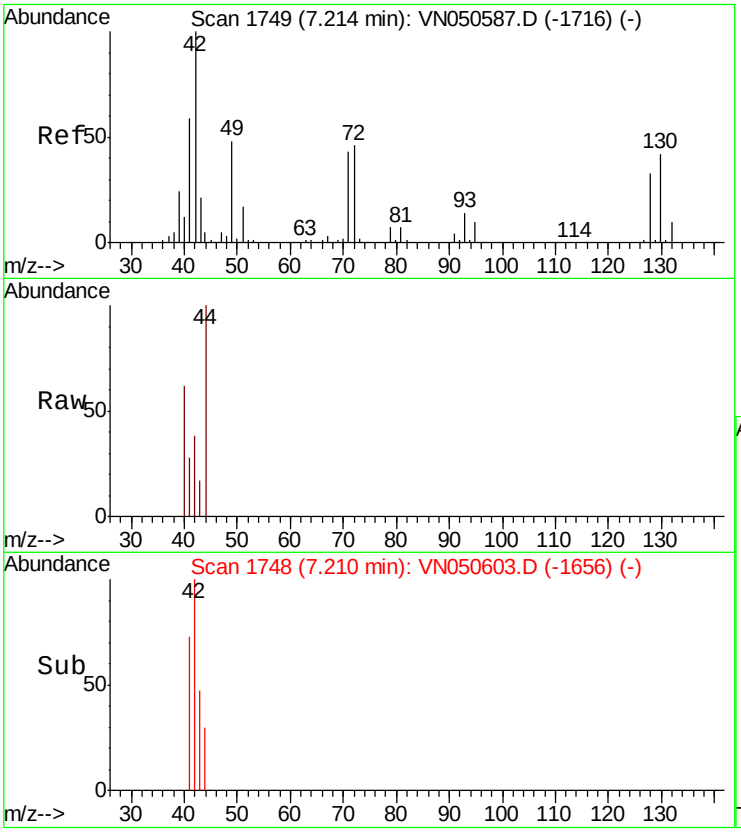


#25
2-Butanone
Concen: 0.756 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion: 43 Resp: 2334

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#



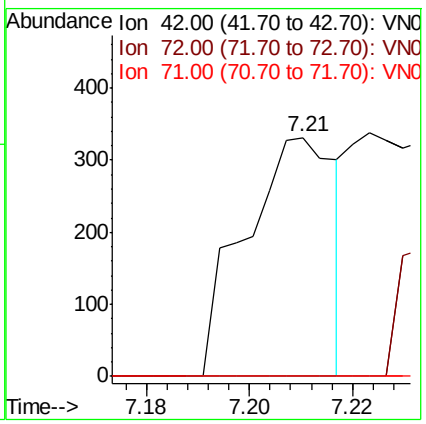


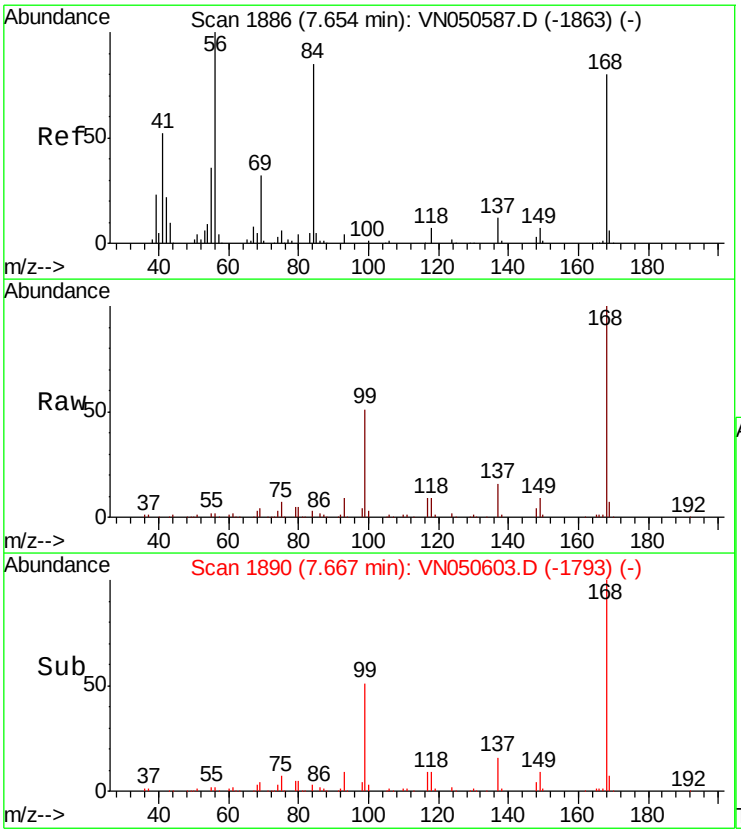
#29
Tetrahydrofuran
Concen: 0.249 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion: 42 Resp: 401

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.8	53.6#
71	0.0	33.4	50.0#

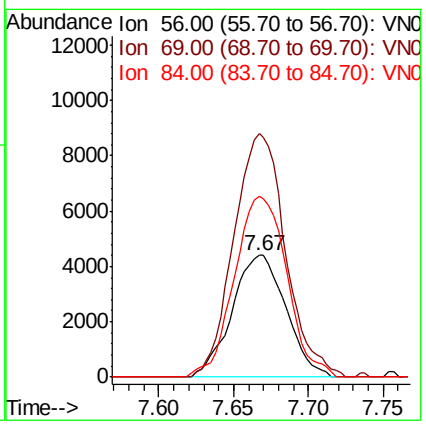


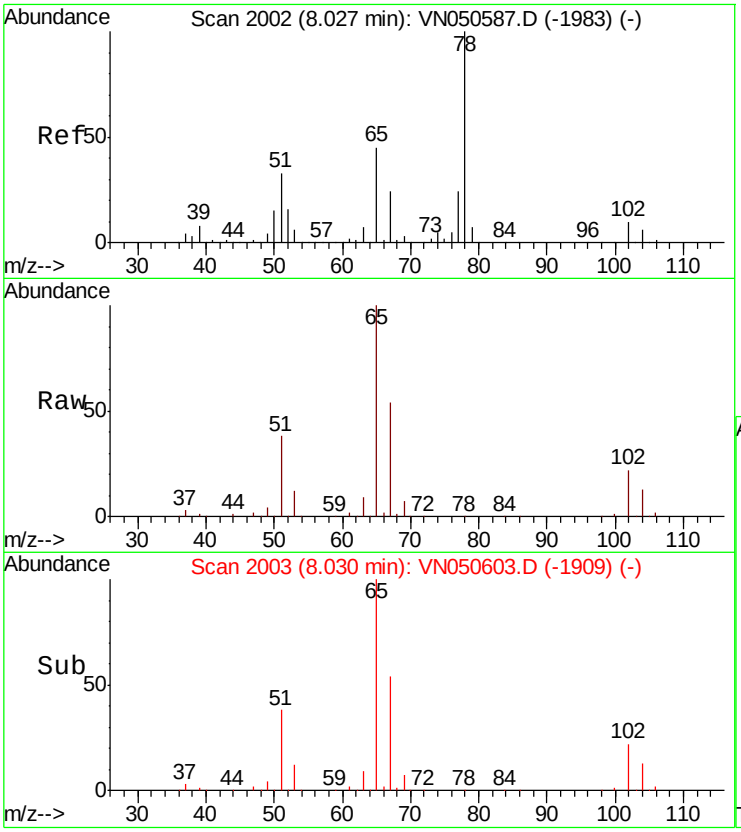


#31
Cyclohexane
Concen: 0.625 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion: 56 Resp: 11033

Ion	Ratio	Lower	Upper
56	100		
69	199.8	25.8	38.6#
84	148.5	67.8	101.6#



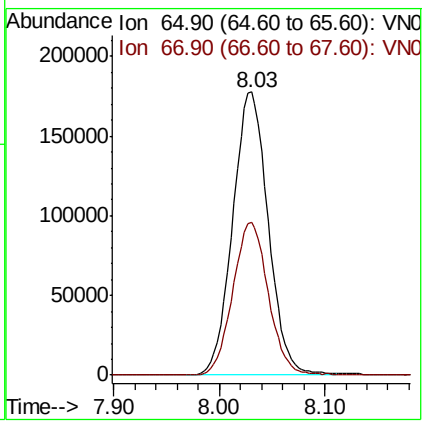


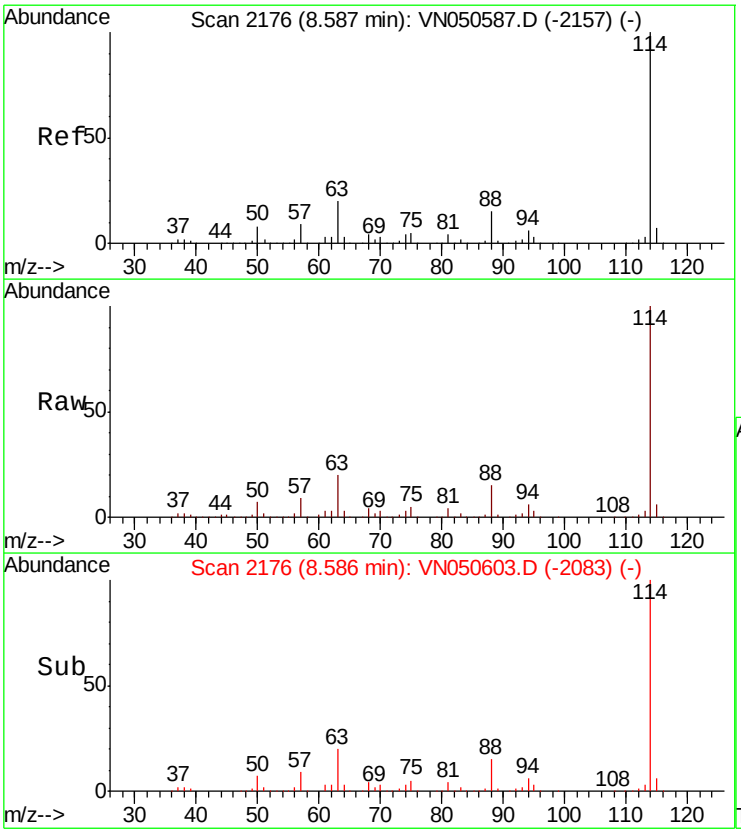
#33
1,2-Dichloroethane-d4
Concen: 55.153 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB112004TB

Tgt Ion: 65 Resp: 415374

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.8

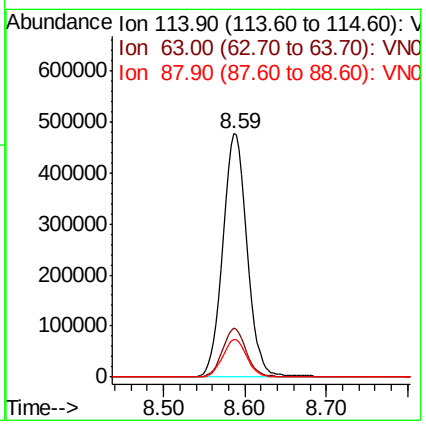


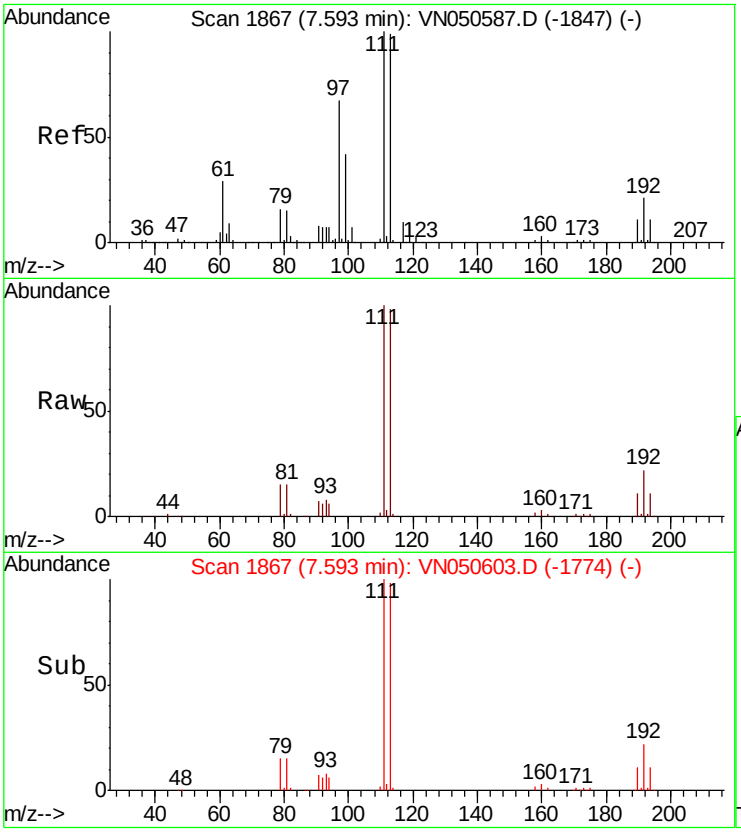


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion:114 Resp: 1007502

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.0
88	15.5	0.0	30.8



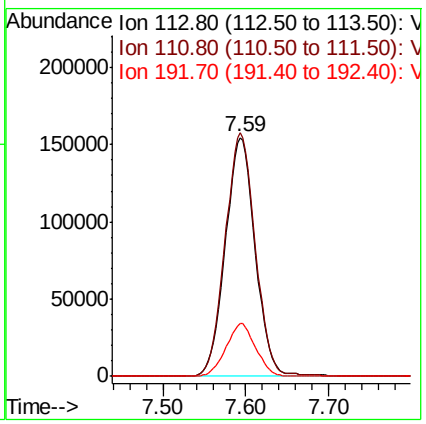


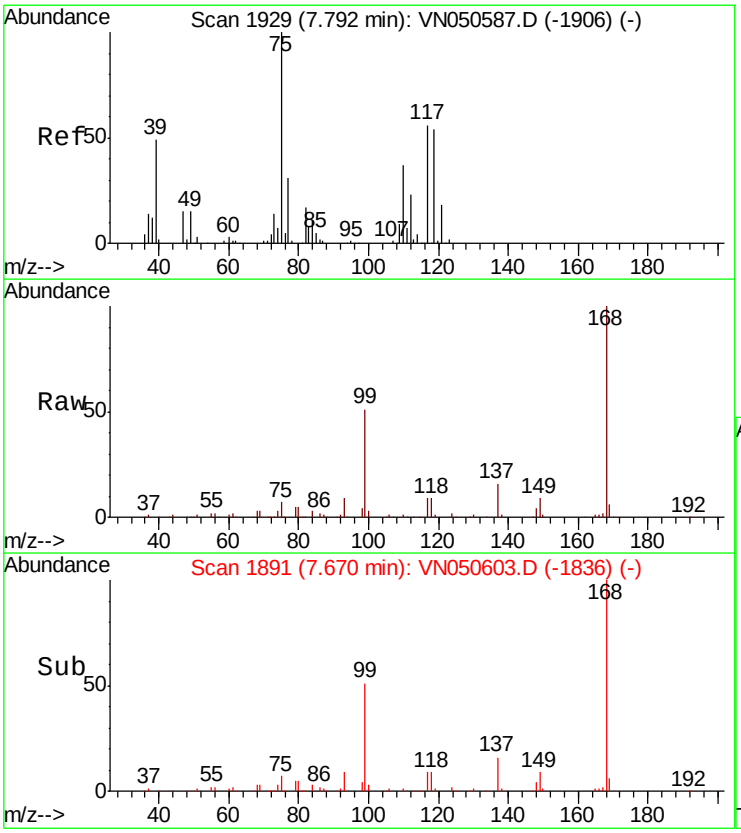
#35
Dibromofluoromethane
Concen: 48.124 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB112004TB

Tgt Ion:113 Resp: 387084

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.6
192	22.0	17.6	26.4

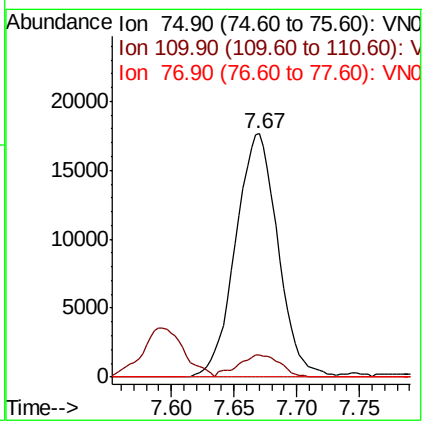


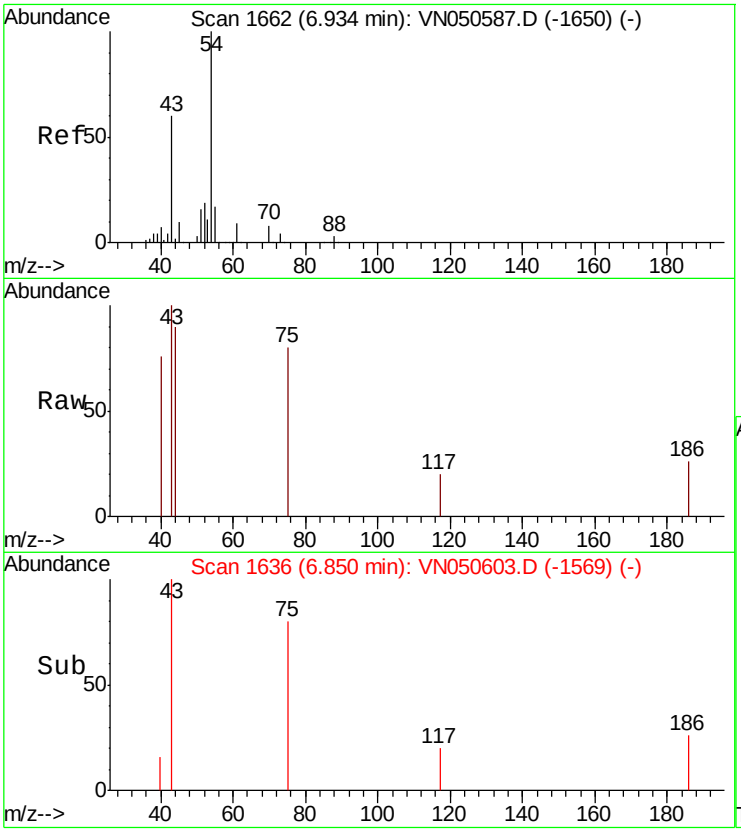


#36
1,1-Dichloropropene
Concen: 3.704 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.12 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion: 75 Resp: 41546

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.3	54.9#
77	0.0	25.0	37.4#



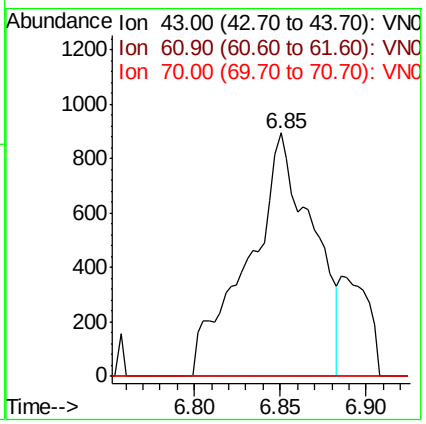


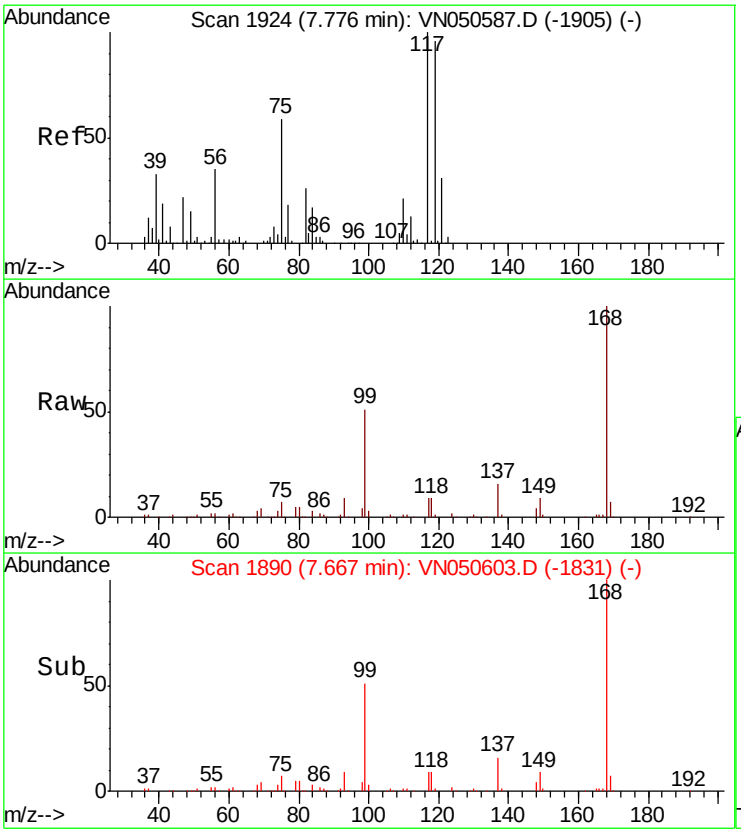
#37
Ethyl Acetate
Concen: 0.368 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. -0.08 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion: 43 Resp: 2334

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.0	18.0#
70	0.0	8.5	12.7#

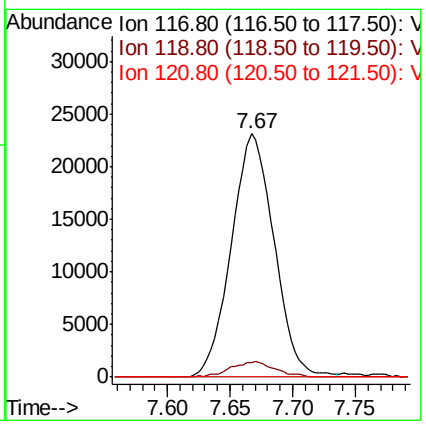


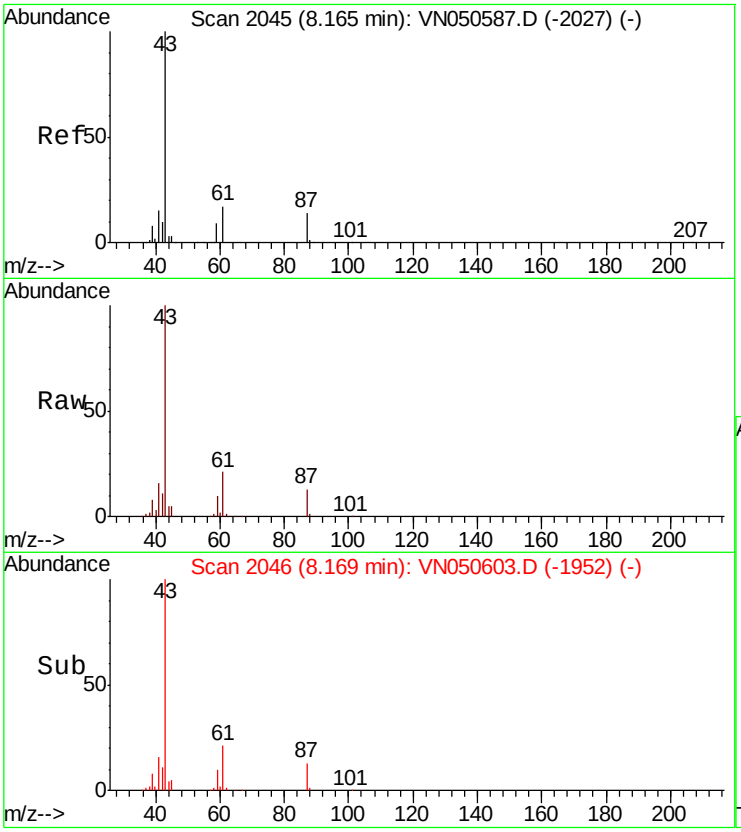


#38
Carbon Tetrachloride
Concen: 4.699 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion:117 Resp: 54667

Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.6	115.0#
121	0.0	25.0	37.6#



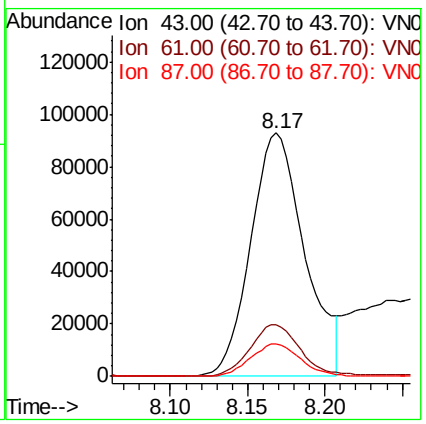


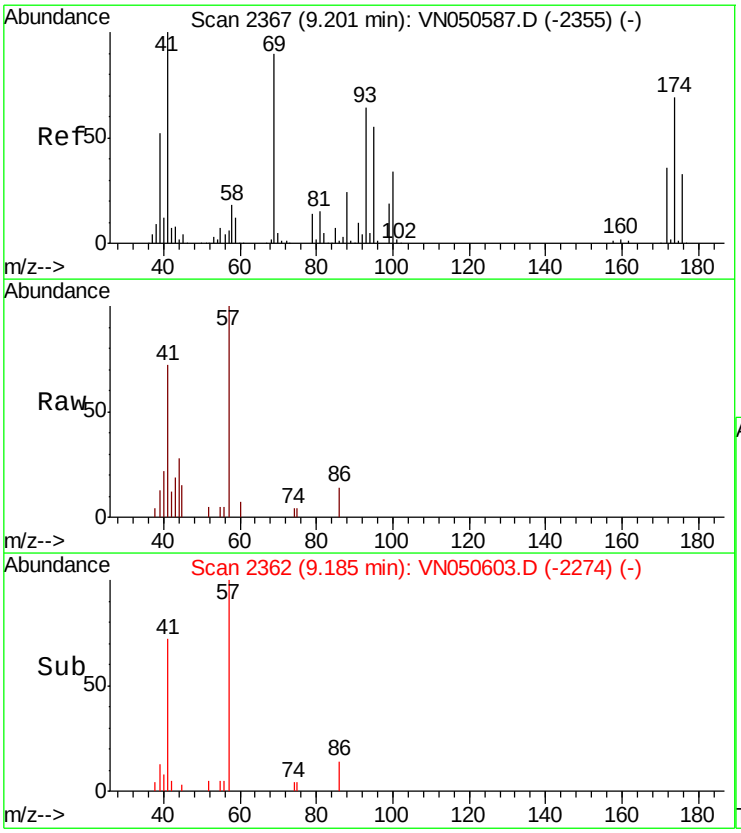
#43
Isopropyl Acetate
Concen: 19.525 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion: 43 Resp: 225572

Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.2	24.2
87	12.3	10.9	16.3

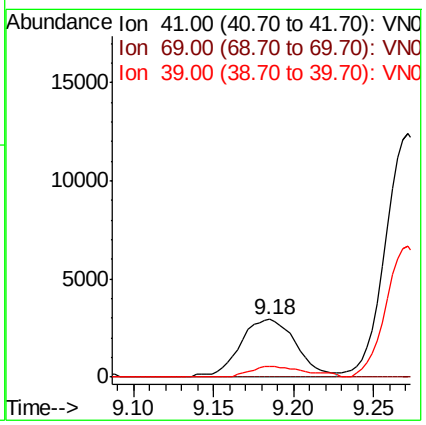


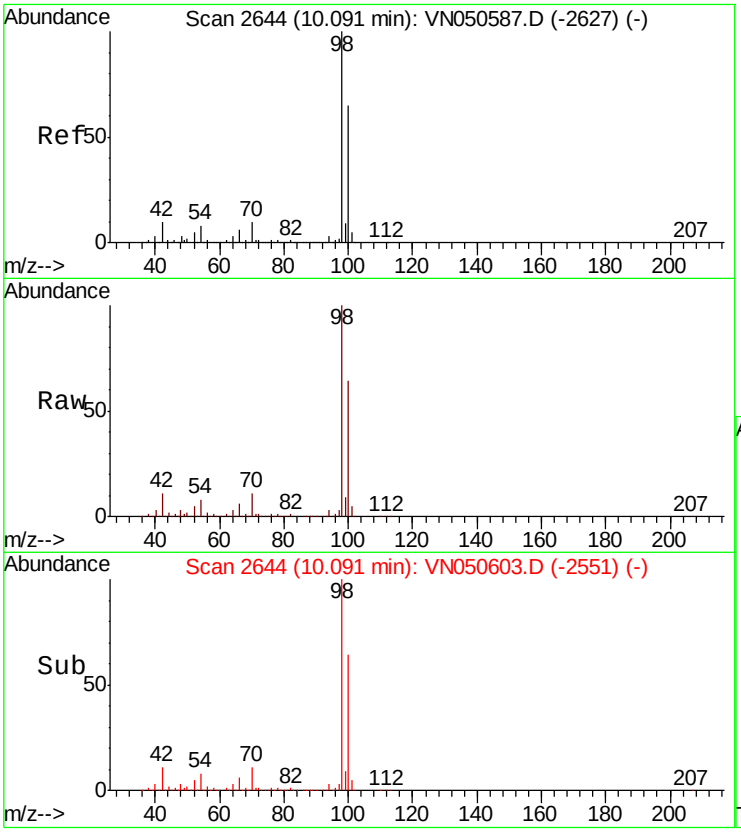


#48
Methyl methacrylate
Concen: 1.218 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion: 41 Resp: 7082

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.4	110.0#
39	15.8	43.0	64.6#



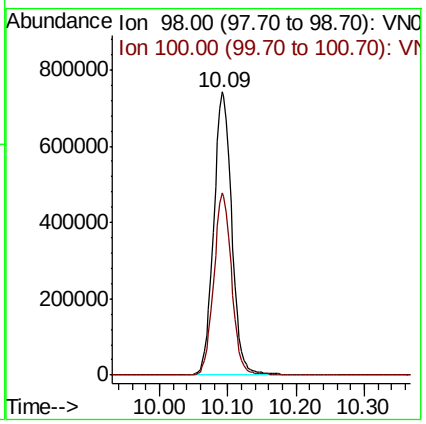


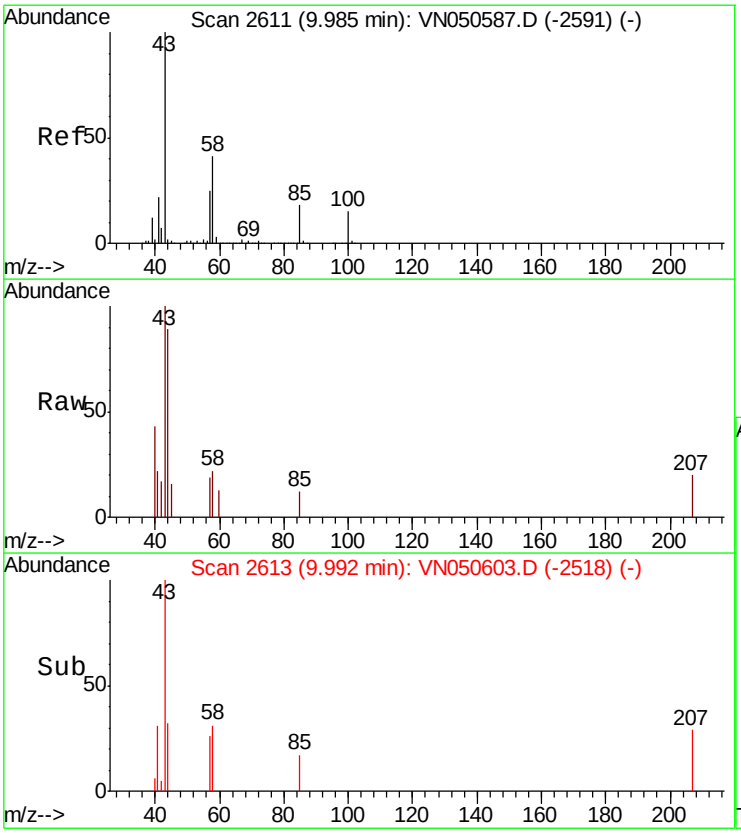
#50
Toluene-d8
Concen: 45.187 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion: 98 Resp: 1367895

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.8	77.8

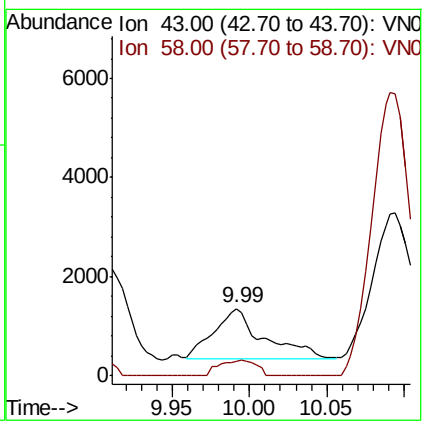


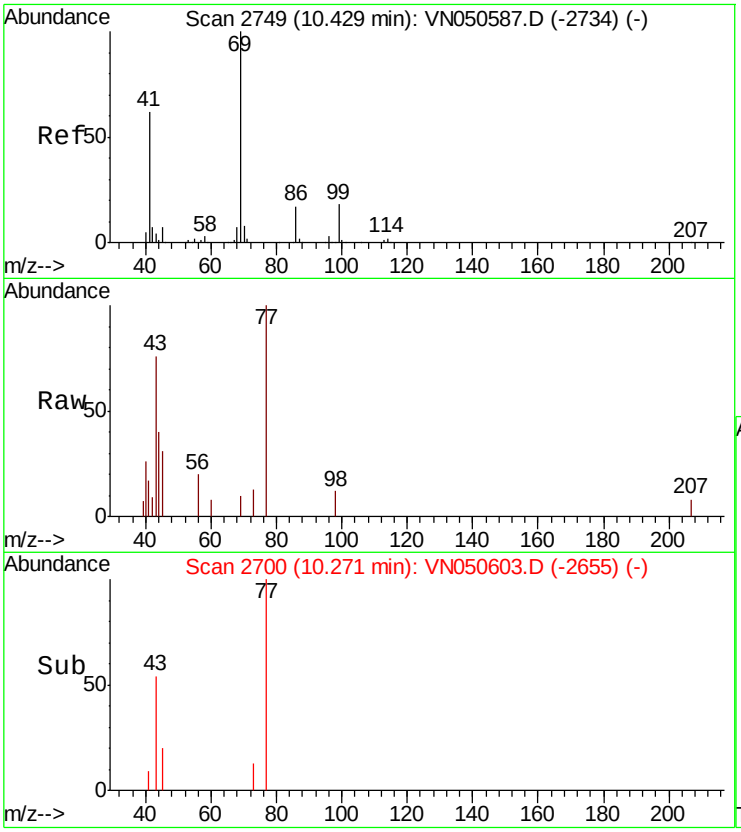


#51
4-Methyl-2-Pentanone
Concen: 0.301 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion: 43 Resp: 2355

Ion	Ratio	Lower	Upper
43	100		
58	22.3	32.5	48.7#



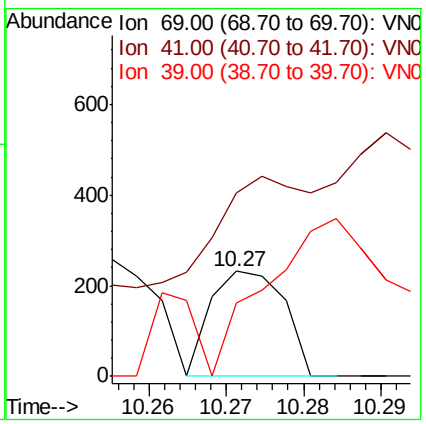


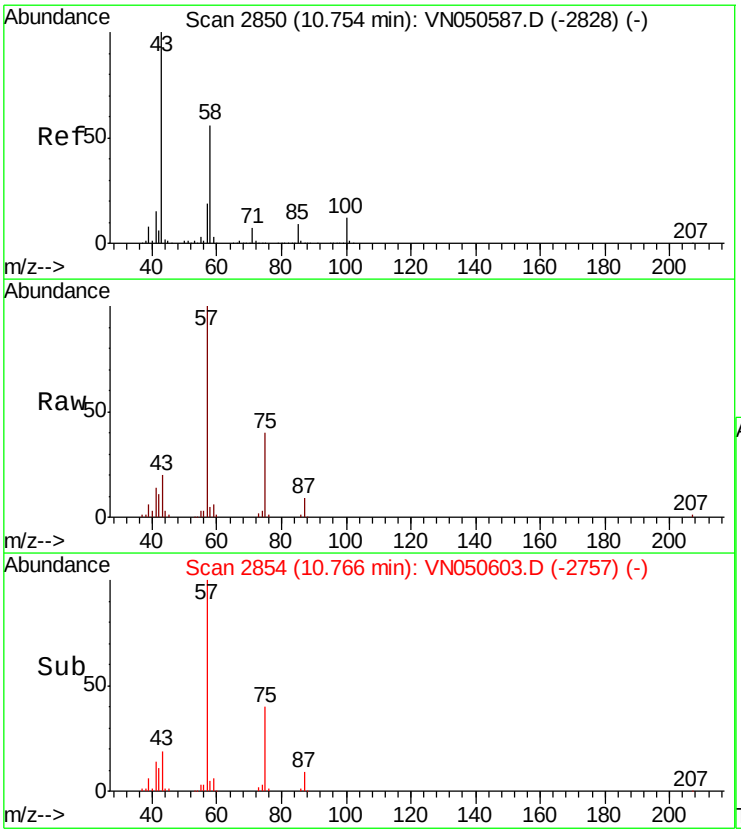
#56
Ethyl methacrylate
Concen: 1.920 ug/l
RT: 10.27 min Scan# 2700
Delta R.T. -0.16 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion: 69 Resp: 154

Ion	Ratio	Lower	Upper
69	100		
41	202.6	49.7	74.5#
39	44.2	24.2	36.2#

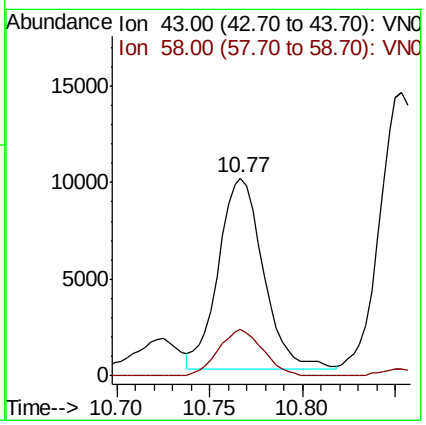


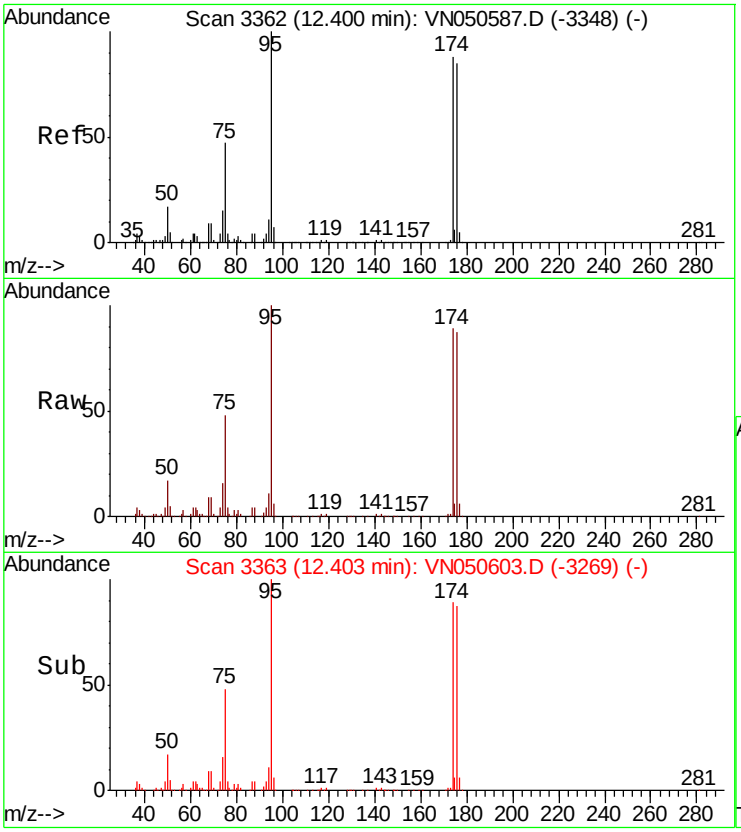


#59
2-Hexanone
Concen: 3.302 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion: 43 Resp: 16651

Ion	Ratio	Lower	Upper
43	100		
58	23.8	28.0	84.0#



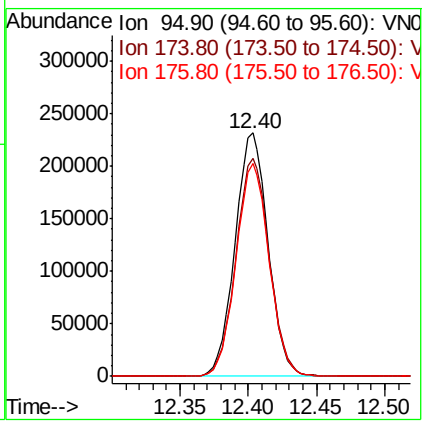


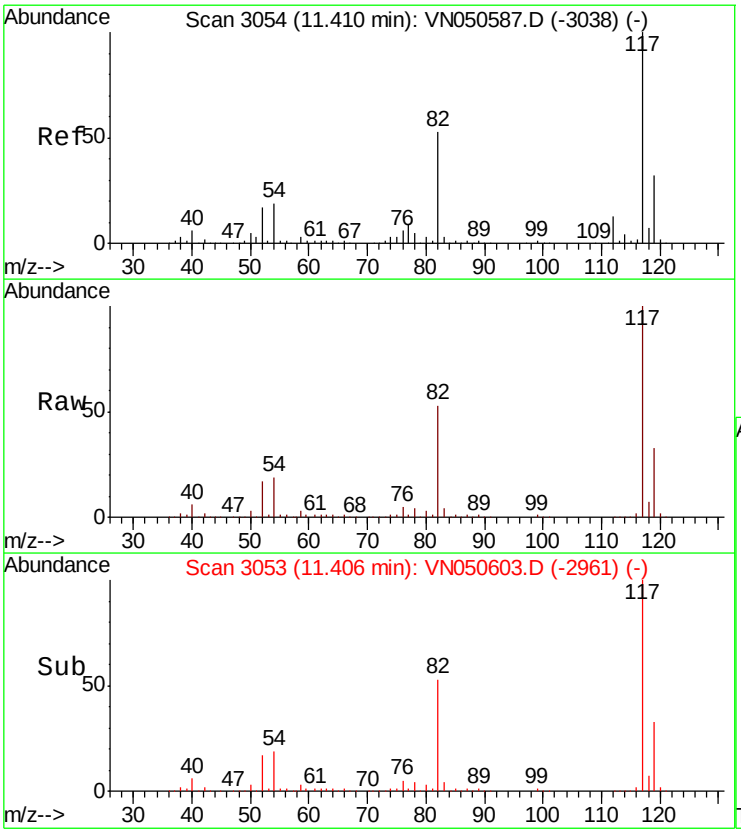
#62
4-Bromofluorobenzene
Concen: 38.949 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion: 95 Resp: 389517

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	177.8
176	87.6	0.0	175.0

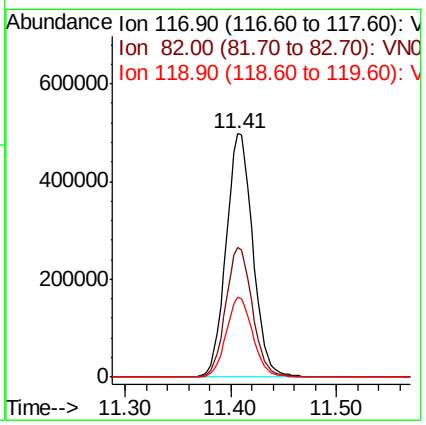


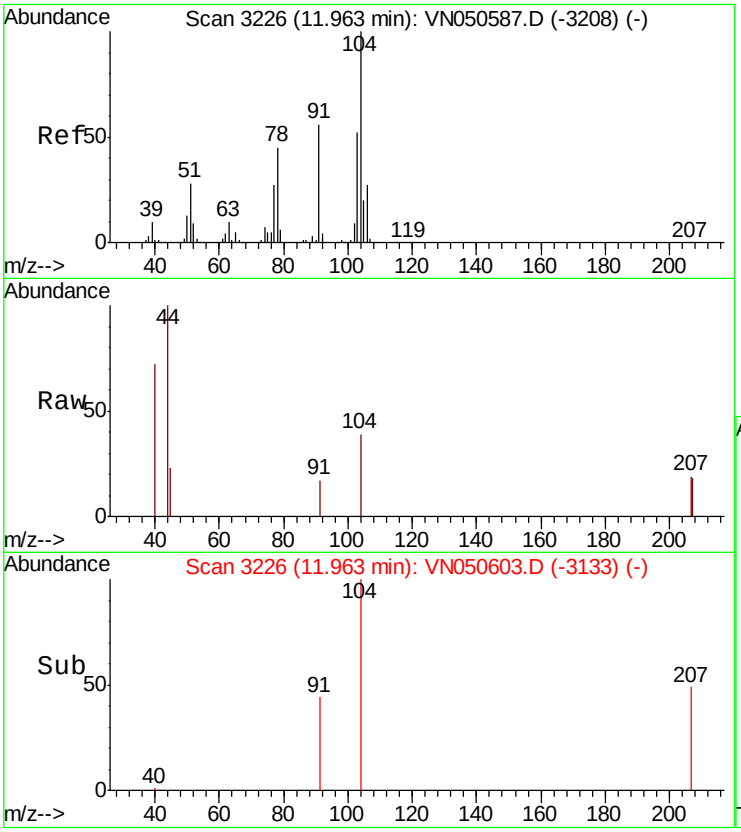


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion:117 Resp: 870412

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	32.7	25.8	38.8



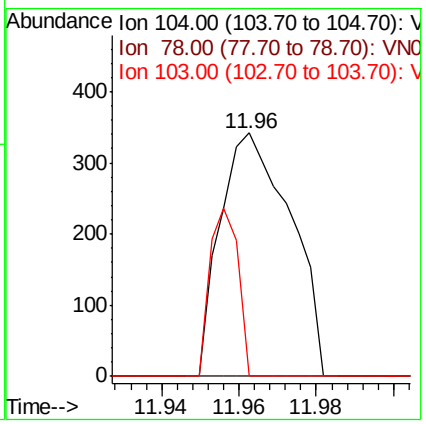


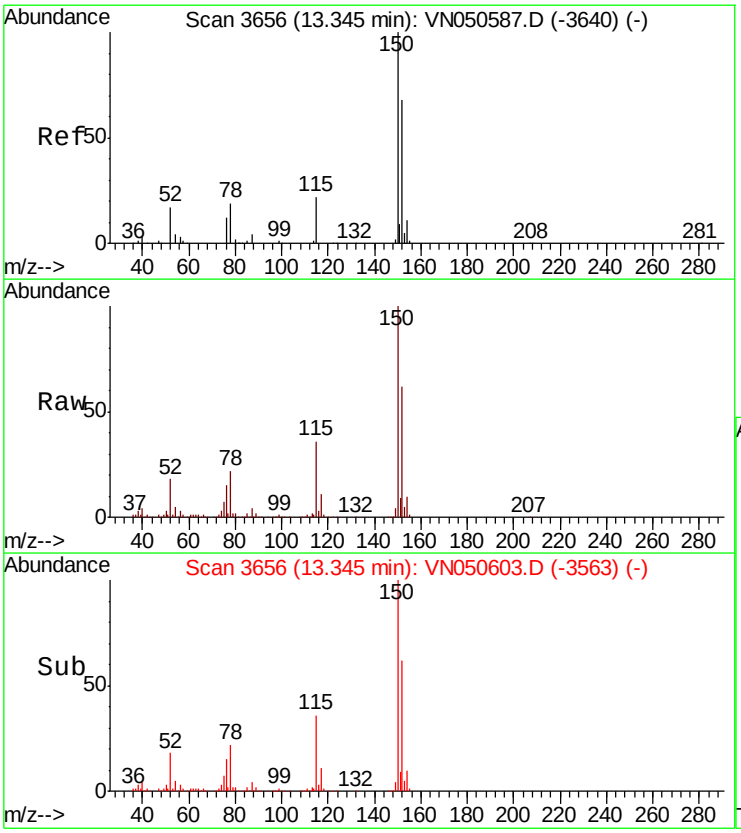
#70
Styrene
Concen: 0.959 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion:104 Resp: 432

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.1	58.7#
103	27.8	44.9	67.3#

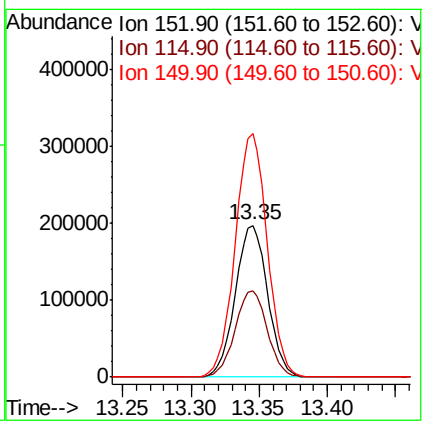


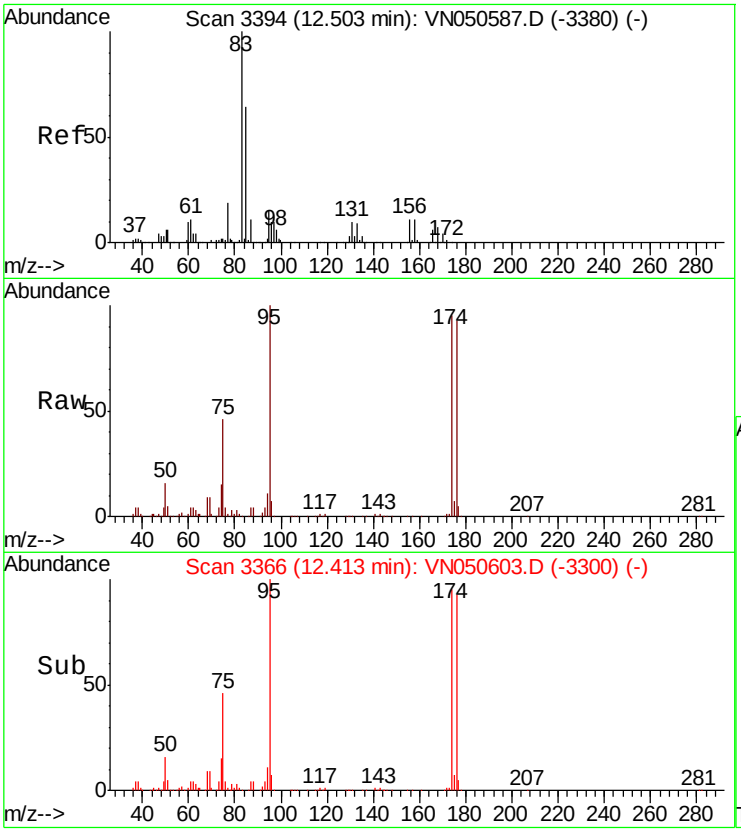


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion:152 Resp: 324065

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.1	84.2
150	159.7	0.0	347.8



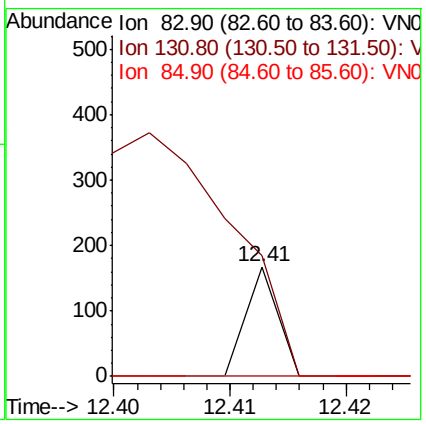


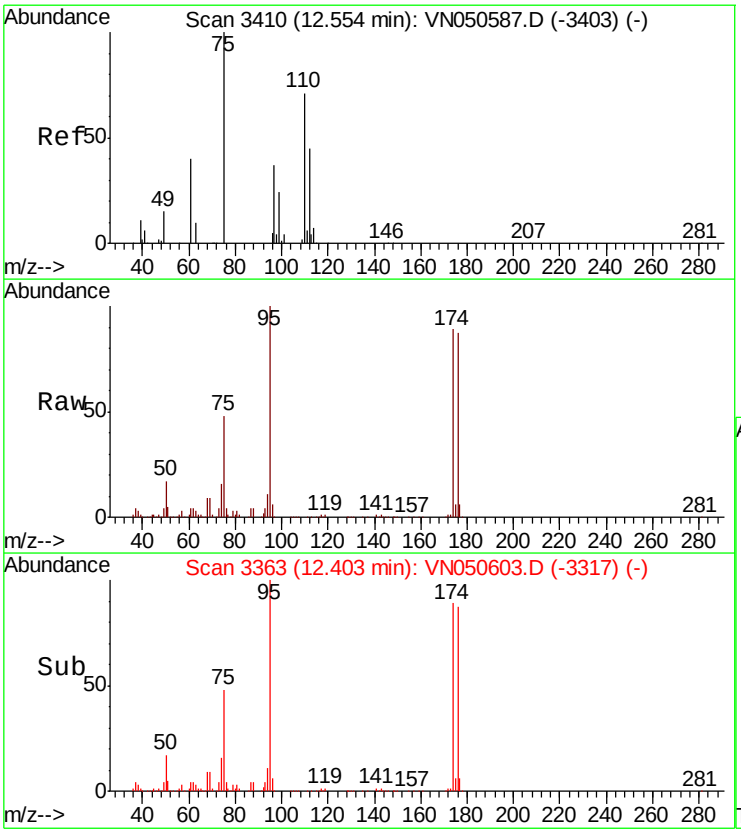
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.41 min Scan# 3366
Delta R.T. -0.09 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion: 83 Resp: 32

Ion	Ratio	Lower	Upper
83	100		
131	1306.3	5.3	15.9#
85	0.0	32.1	96.5#

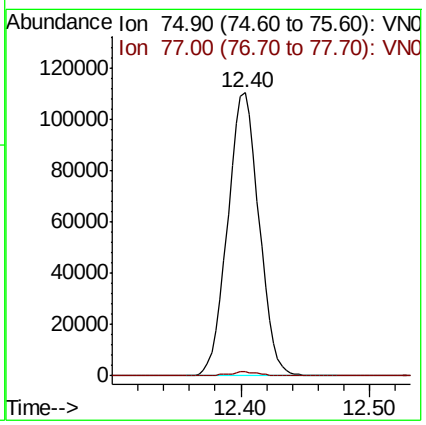


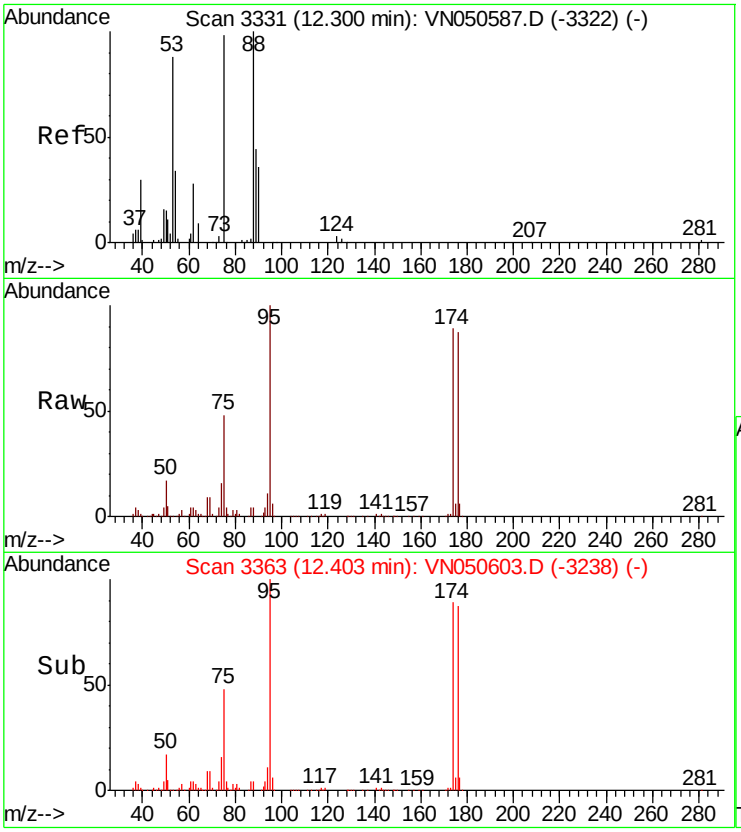


#76
1,2,3-Trichloropropane
Concen: 35.242 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion: 75 Resp: 186106

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



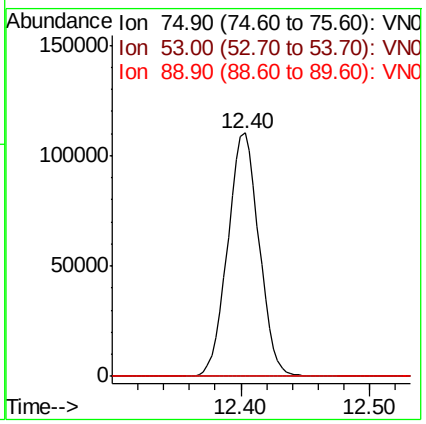


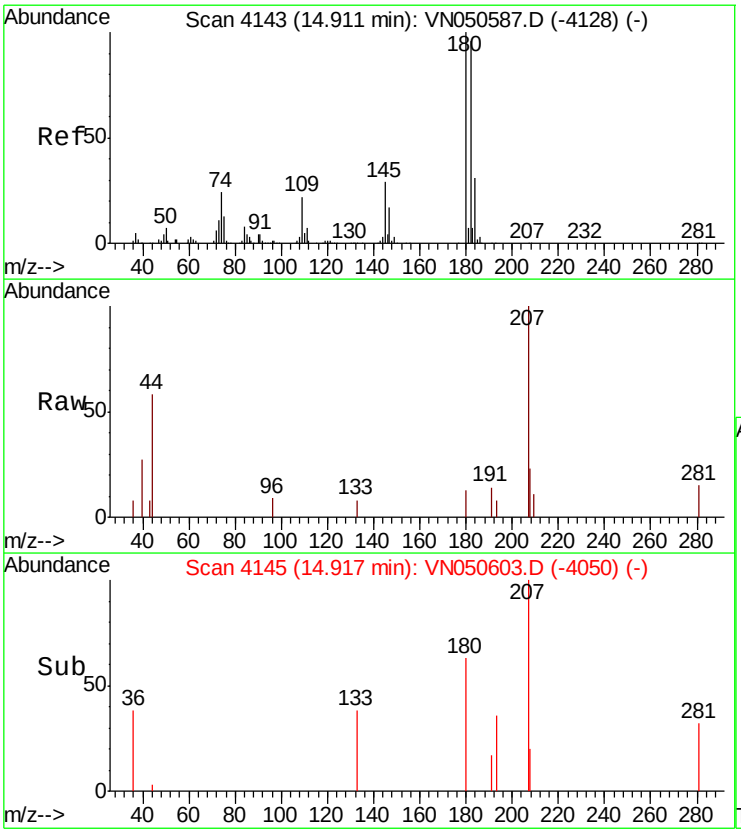
#81
trans-1,4-Dichloro-2-butene
Concen: 127.676 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion: 75 Resp: 186106

Ion	Ratio	Lower	Upper
75	100		
53	0.1	72.2	108.2#
89	0.0	36.3	54.5#

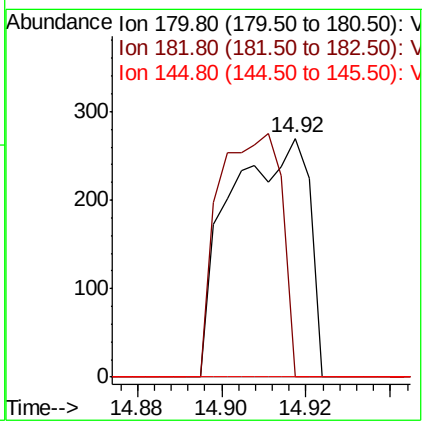


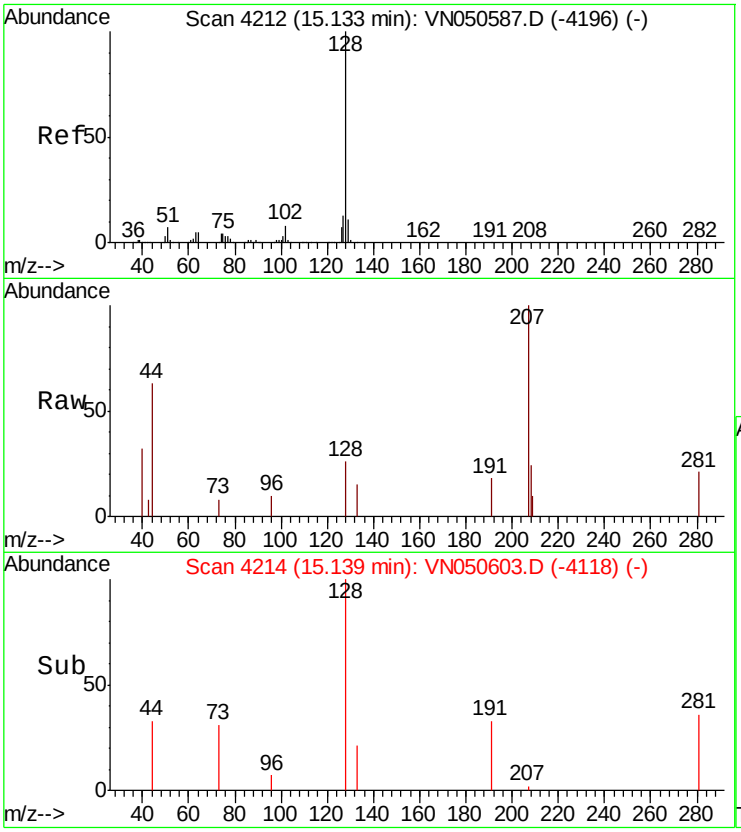


#93
1,2,4-Trichlorobenzene
Concen: 2.730 ug/l
RT: 14.92 min Scan# 4145
Delta R.T. 0.01 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion:180 Resp: 347

Ion	Ratio	Lower	Upper
180	100		
182	81.6	47.9	143.7
145	0.0	14.4	43.4#



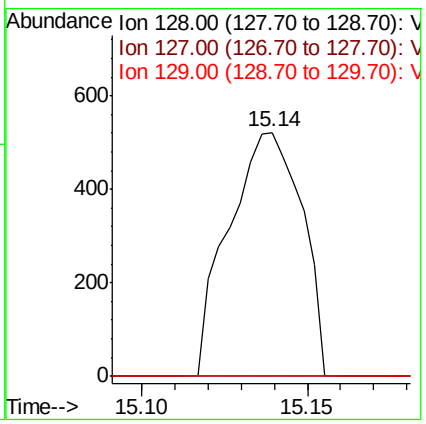


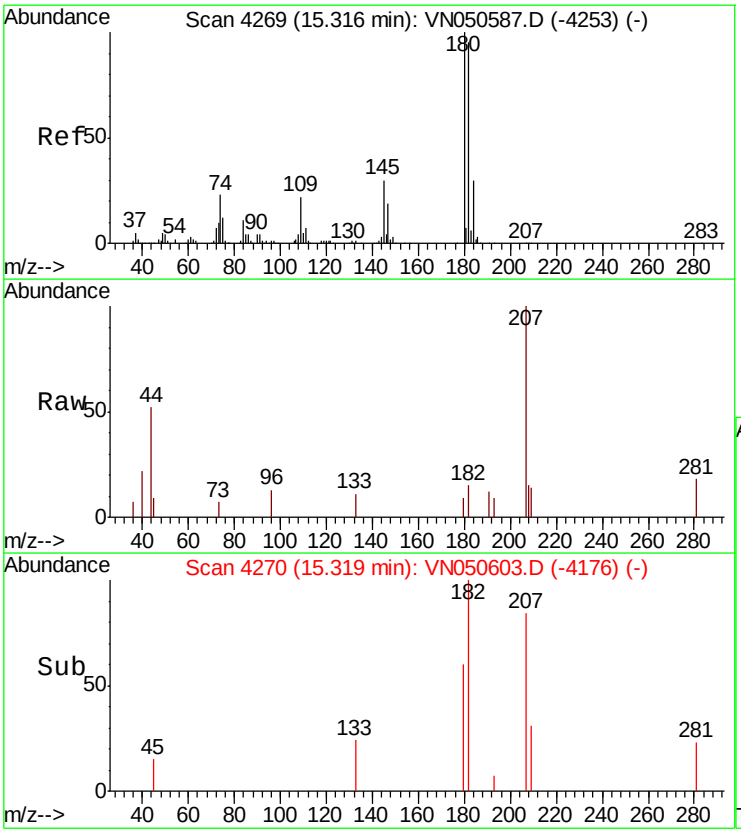
#95
Naphthalene
Concen: 3.920 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Instrument : MSVOA_N
ClientSampleId : PB112004TB

Tgt Ion:128 Resp: 800

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.5	12.7#





#96
1,2,3-Trichlorobenzene
Concen: 1.982 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion:180 Resp: 246

Ion	Ratio	Lower	Upper
180	100		
182	138.6	47.3	141.8
145	0.0	14.6	44.0#