Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080318\
Data File : VN050325.D
Acq On : 3 Aug 2018 20:22
Operator : MD\SY
Sample : PB111719ZHE#10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#10

Quant Time: Aug 03 23:30:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	667231	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1119506	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	961147	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397364	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	479491	51.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.02%				
35) Dibromofluoromethane	7.59	113	420210	45.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.94%				
50) Toluene-d8	10.09	98	1512392	45.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.02%				
62) 4-Bromofluorobenzene	12.40	95	440785	39.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.68%				
Target Compounds							Qvalue
3) Chloromethane	2.06	50	3635	0.35	ug/l		97
5) Bromomethane	2.57	94	4414	Below Cal			99
13) Acrolein	3.61	56	761	1.38	ug/l	#	30
16) Acetone	3.83	43	50323	18.94	ug/l		97
18) Methyl Acetate	4.33	43	22880	1.09	ug/l		100
20) Methylene Chloride	4.55	84	33806	2.91	ug/l		97
25) 2-Butanone	6.84	43	2554	0.72	ug/l	#	88
29) Tetrahydrofuran	7.21	42	1930	0.84	ug/l	#	61
31) Cyclohexane	7.67	56	11873	0.86	ug/l	#	1
36) 1,1-Dichloropropene	7.66	75	45991	3.65	ug/l	#	47
38) Carbon Tetrachloride	7.67	117	59584	4.45	ug/l	#	17
41) Methacrylonitrile	7.22	41	722	2.90	ug/l	#	36
43) Isopropyl Acetate	8.17	43	358915	21.00	ug/l	#	92
48) Methyl methacrylate	9.18	41	9277	1.22	ug/l	#	23
49) 1,4-Dioxane	9.20	88	157	1.52	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.99	43	2778	0.32	ug/l		100
56) Ethyl methacrylate	10.22	69	3499	2.31	ug/l	#	70
59) 2-Hexanone	10.77	43	22866	8.70	ug/l	#	56
70) Styrene	11.97	104	327	0.94	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.41	83	67	Below Cal		#	1
76) 1,2,3-Trichloropropane	12.40	75	215229	29.15	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	215229	92.44	ug/l	#	13
92) 1,2-Dibromo-3-Chloropropan	14.25	75	134	Below Cal		#	1
93) 1,2,4-Trichlorobenzene	14.91	180	61	3.09	ug/l	#	13
95) Naphthalene	15.13	128	636	4.45	ug/l	#	69

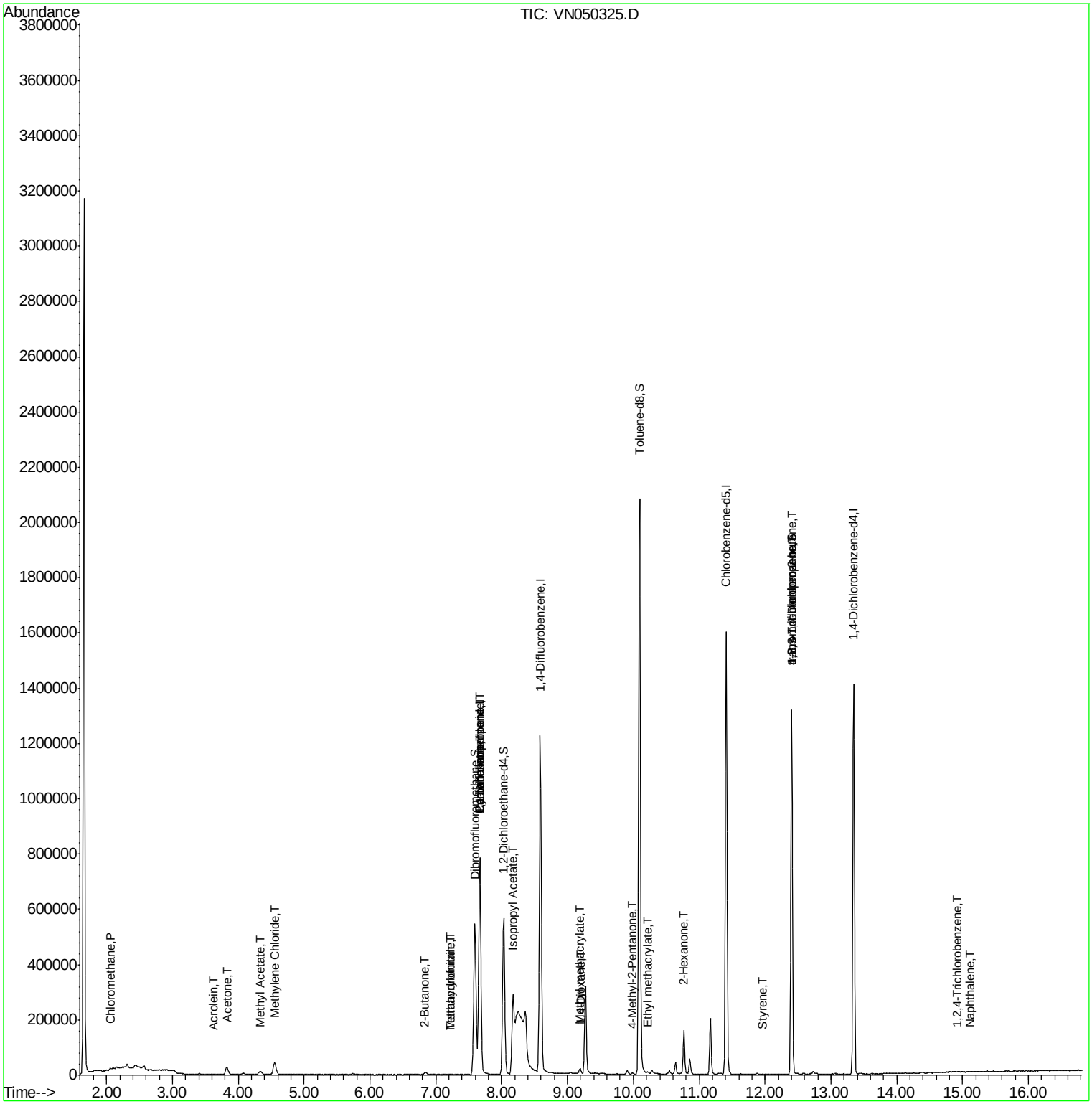
(#) = qualifier out of range (m) = manual integration (+) = signals summed

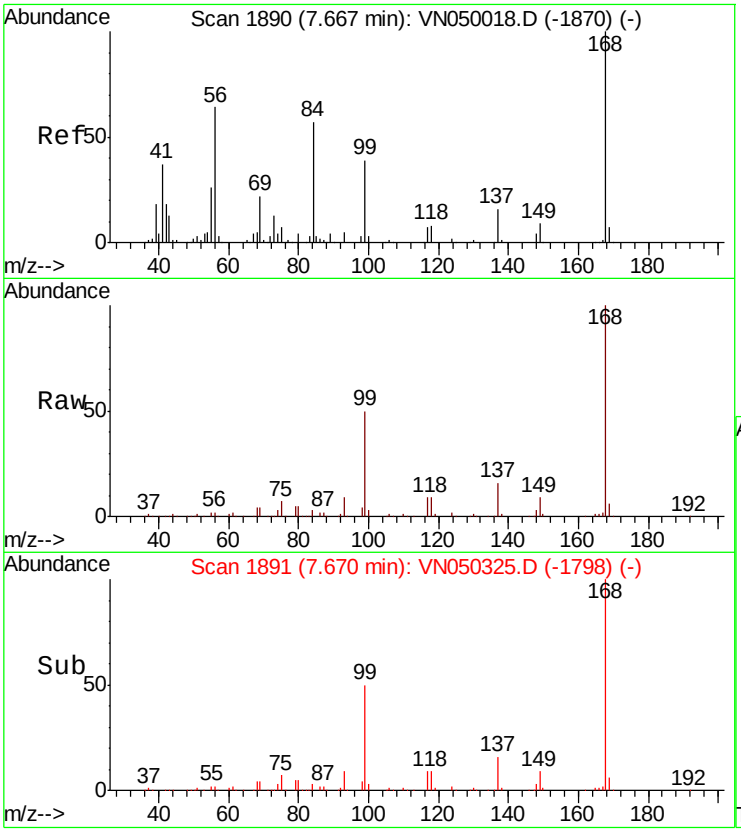
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080318\
Data File : VN050325.D
Acq On : 3 Aug 2018 20:22
Operator : MD\SY
Sample : PB111719ZHE#10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Quant Time: Aug 03 23:30:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration



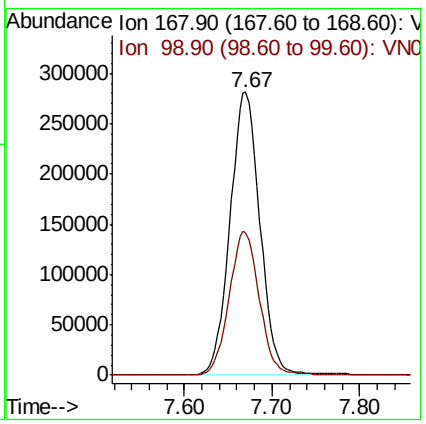


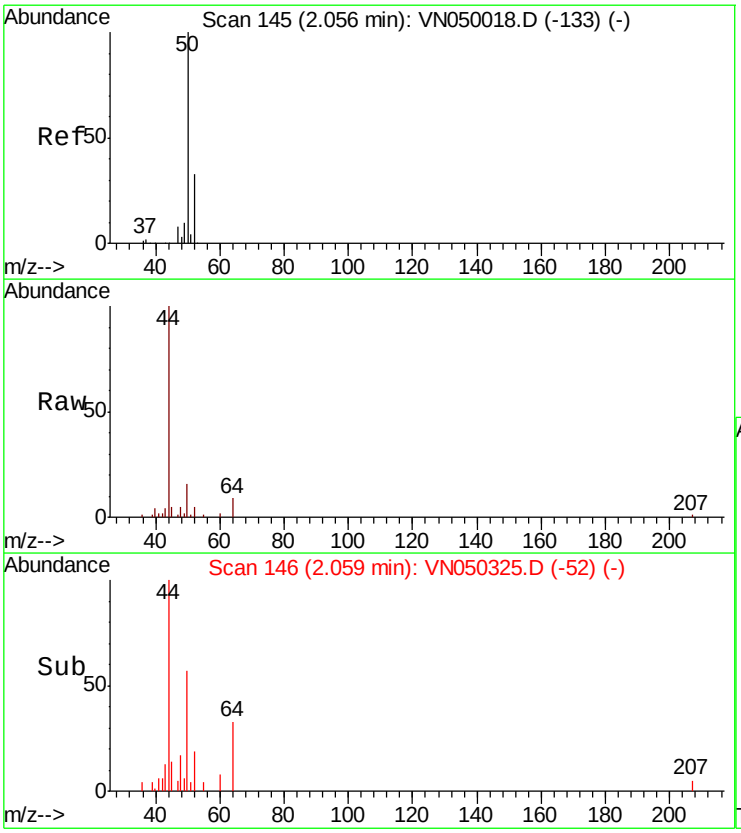
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion:168 Resp: 667231

Ion	Ratio	Lower	Upper
168	100		
99	50.4	40.0	60.0

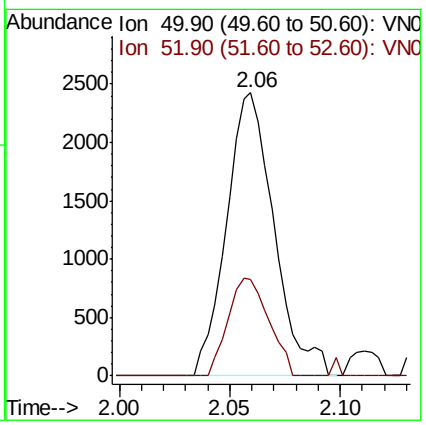


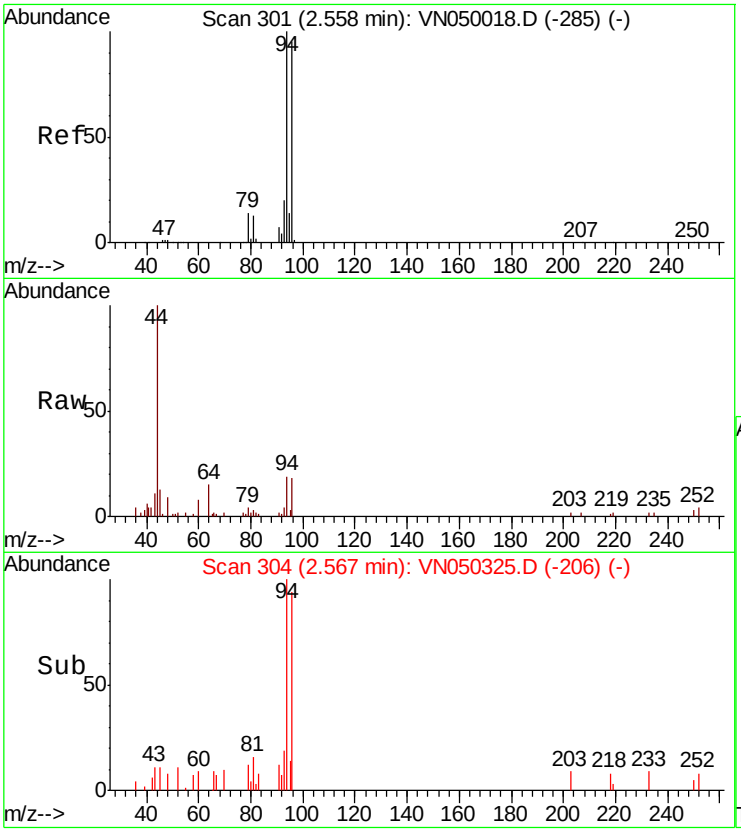


#3
Chloromethane
Concen: 0.35 ug/l
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 50 Resp: 3635

Ion	Ratio	Lower	Upper
50	100		
52	34.0	25.9	38.9



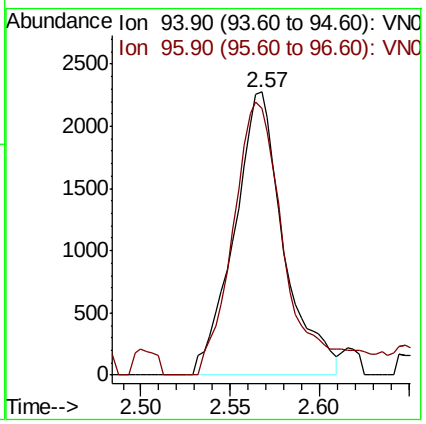


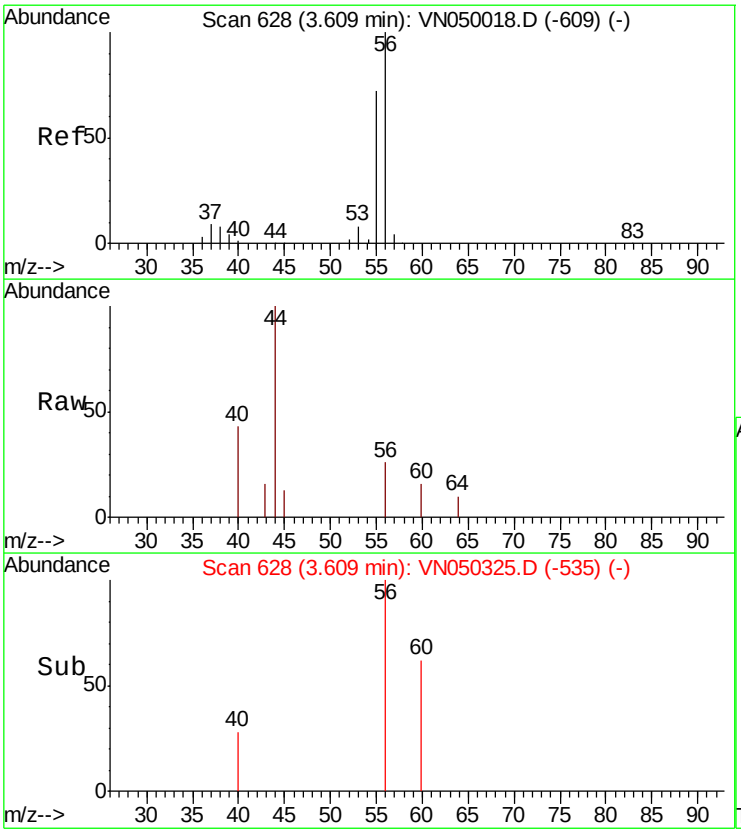
#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 304
Delta R.T. 0.02 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion: 94 Resp: 4414

Ion	Ratio	Lower	Upper
94	100		
96	94.1	74.6	112.0

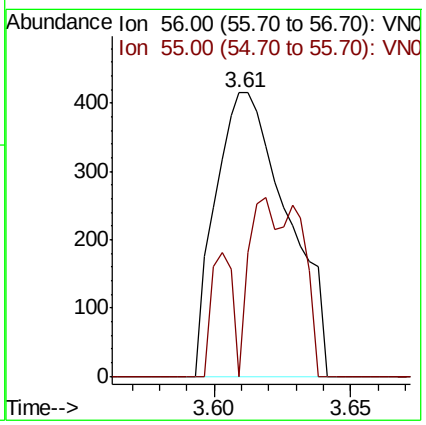


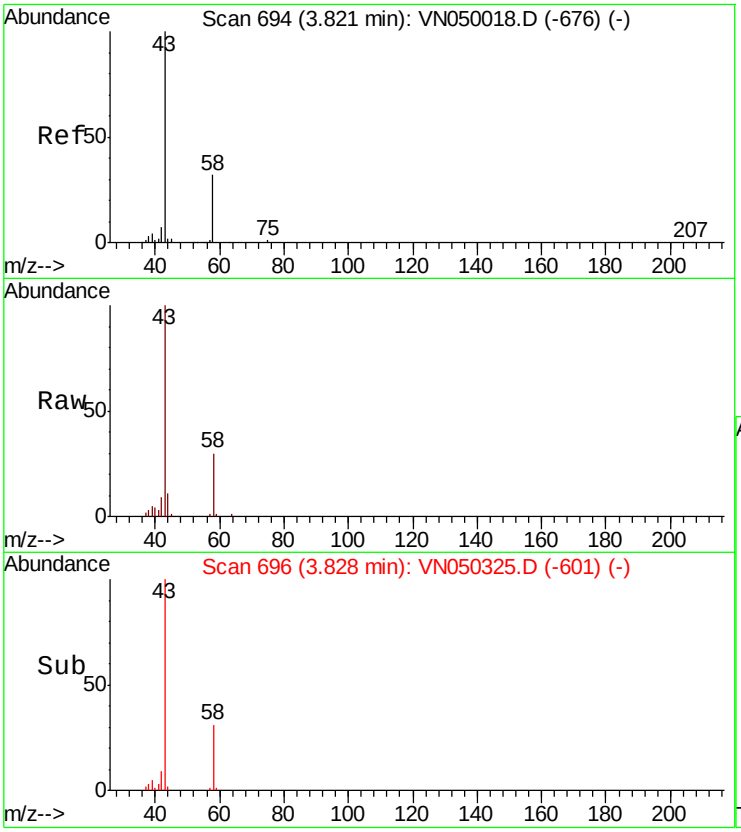


#13
Acrolein
Concen: 1.38 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 56 Resp: 761

Ion	Ratio	Lower	Upper
56	100		
55	12.6	55.8	83.6#



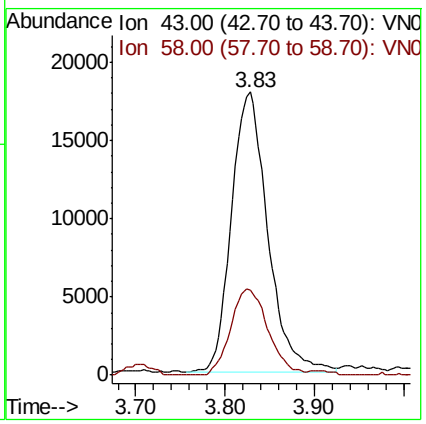


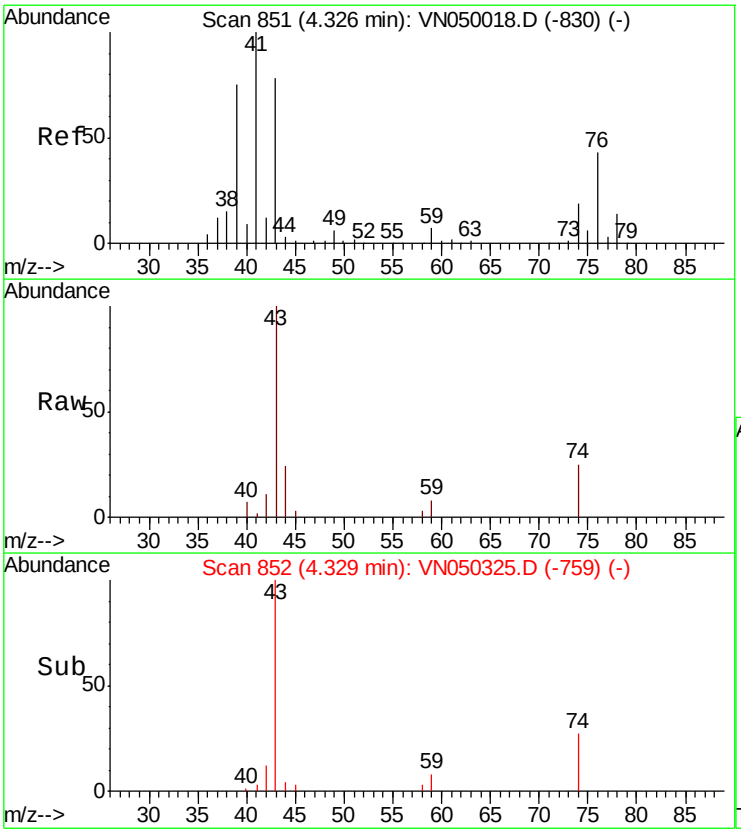
#16
Acetone
Concen: 18.94 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion: 43 Resp: 50323

Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.8	38.8

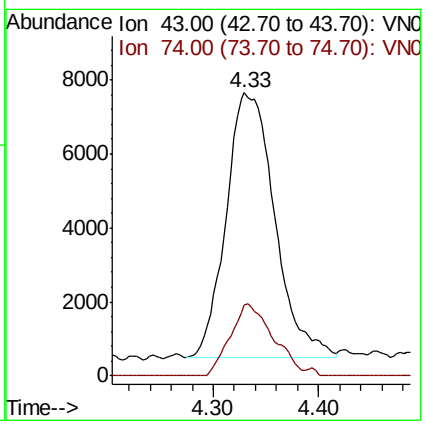


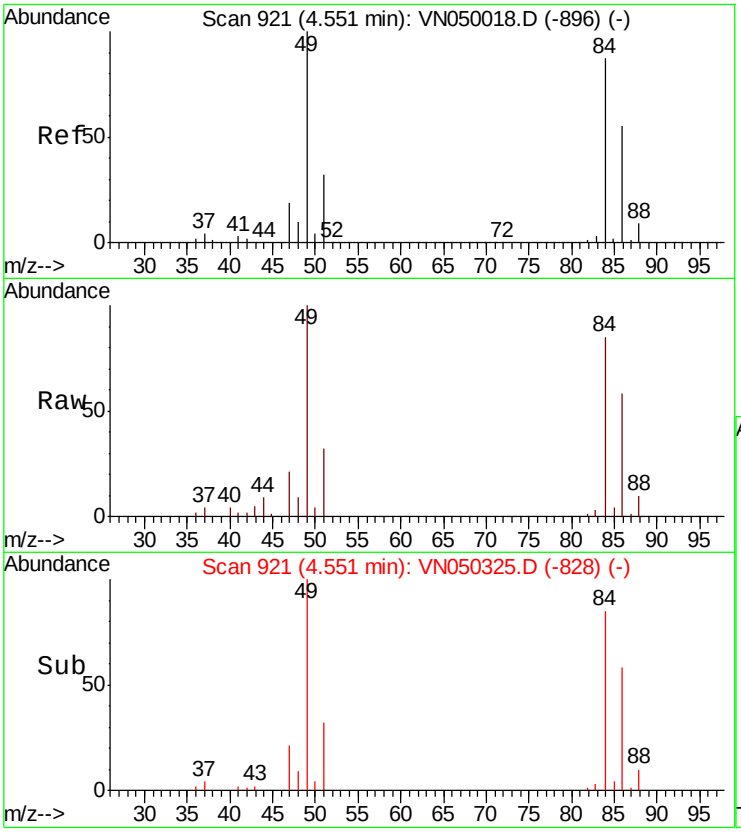


#18
Methyl Acetate
Concen: 1.09 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 43 Resp: 22880

Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.2	28.8



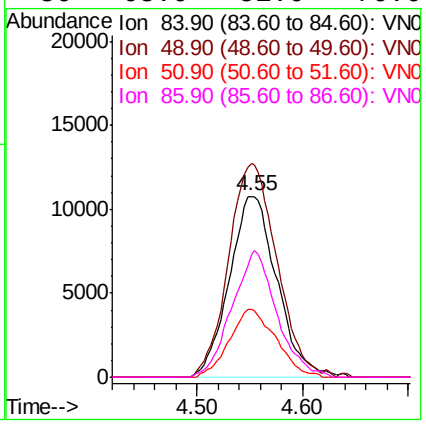


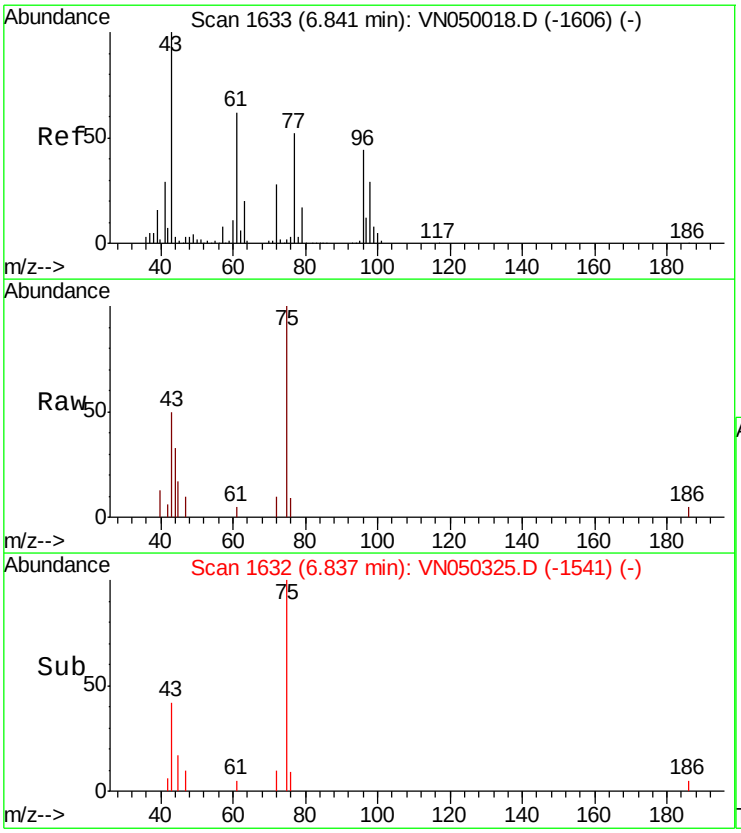
#20
Methylene Chloride
Concen: 2.91 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#10

Tgt Ion: 84 Resp: 33806

Ion	Ratio	Lower	Upper
84	100		
49	118.0	94.8	142.2
51	37.8	28.3	42.5
86	68.0	51.0	76.6

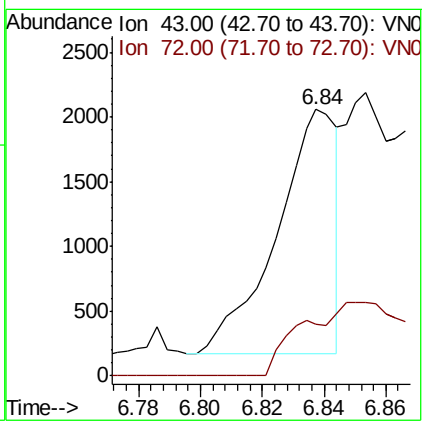


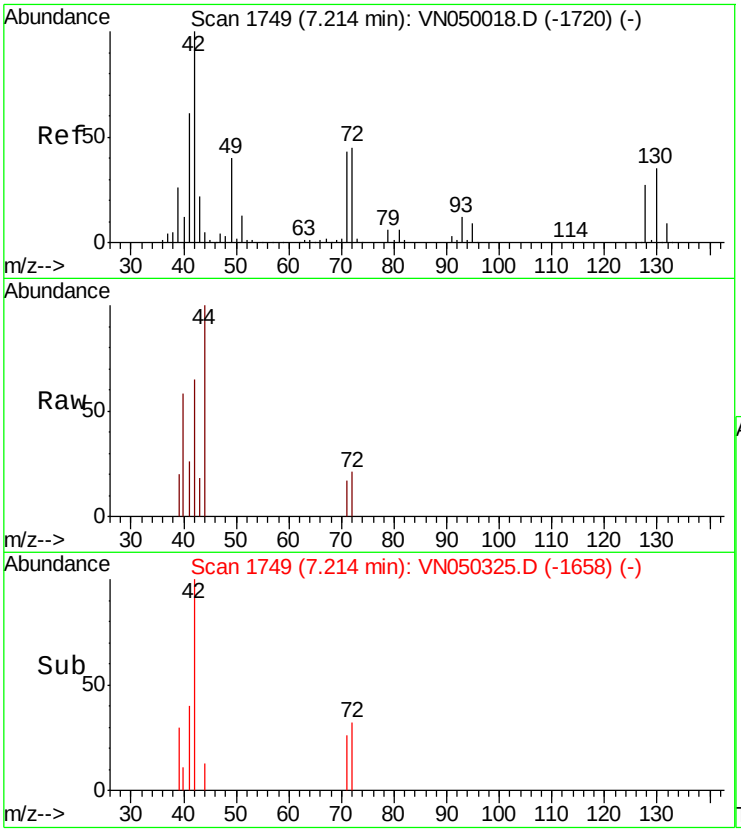


#25
2-Butanone
Concen: 0.72 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.01 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 43 Resp: 2554

Ion	Ratio	Lower	Upper
43	100		
72	20.9	21.5	32.3#



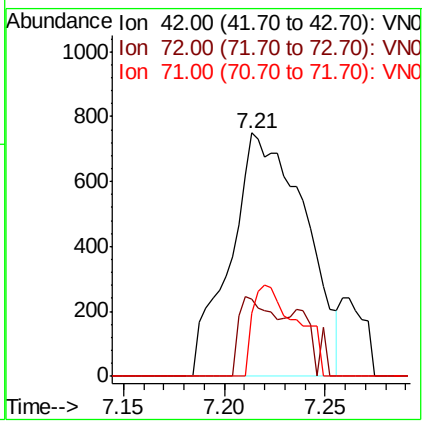


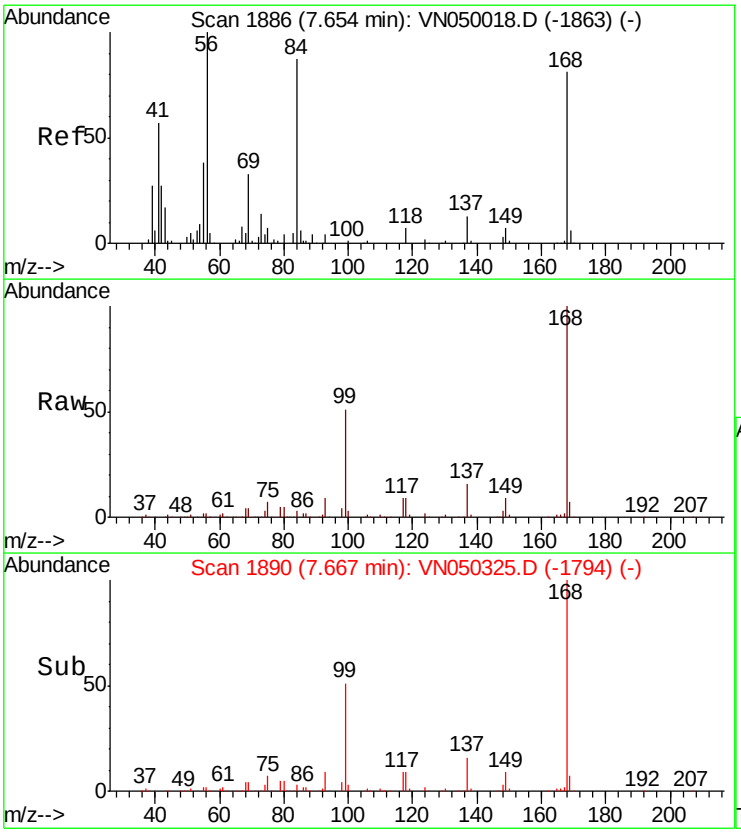
#29
Tetrahydrofuran
Concen: 0.84 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion: 42 Resp: 1930

Ion	Ratio	Lower	Upper
42	100		
72	14.5	35.9	53.9#
71	22.4	33.7	50.5#

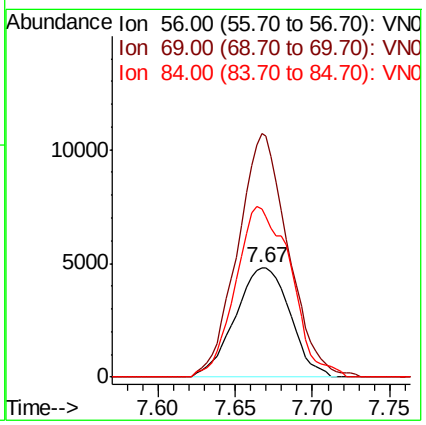


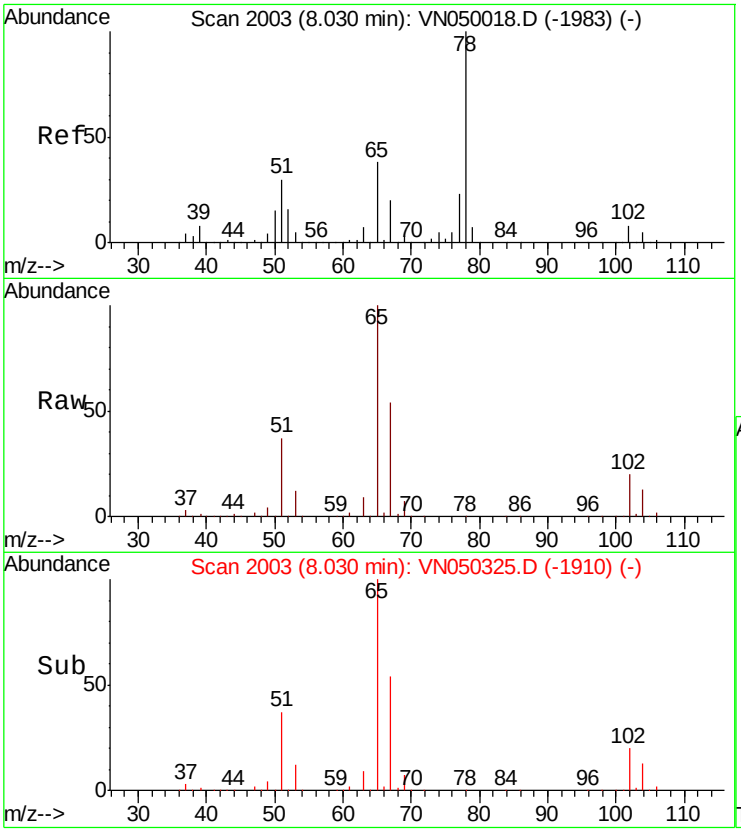


#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 56 Resp: 11873

Ion	Ratio	Lower	Upper
56	100		
69	221.7	26.2	39.4#
84	153.4	67.4	101.0#



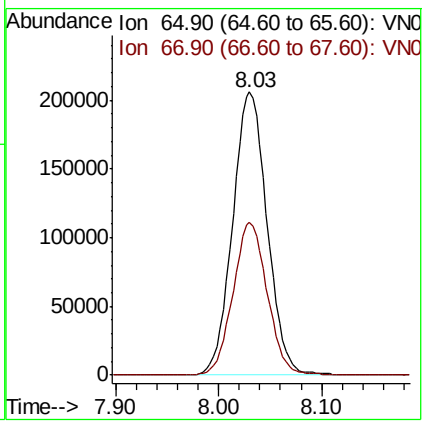


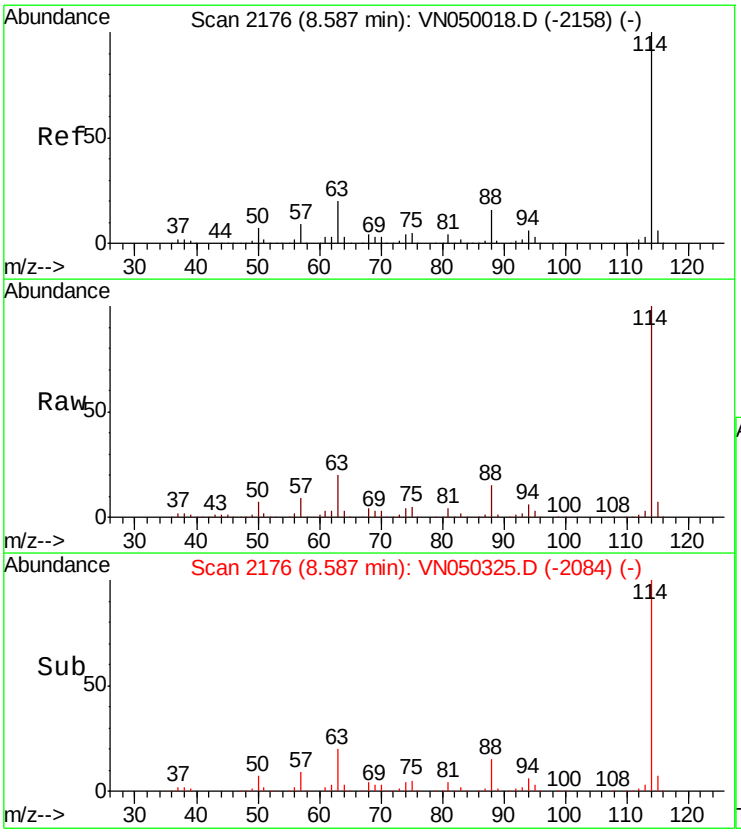
#33
1,2-Dichloroethane-d4
Concen: 51.51 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion: 65 Resp: 479491

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.4

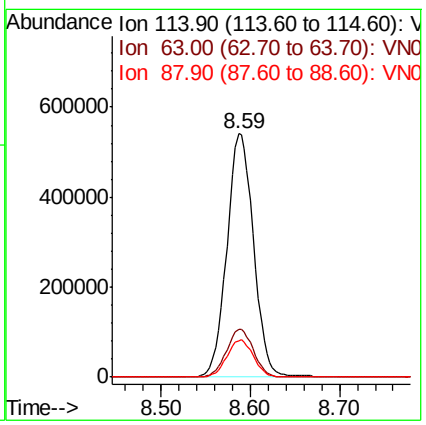


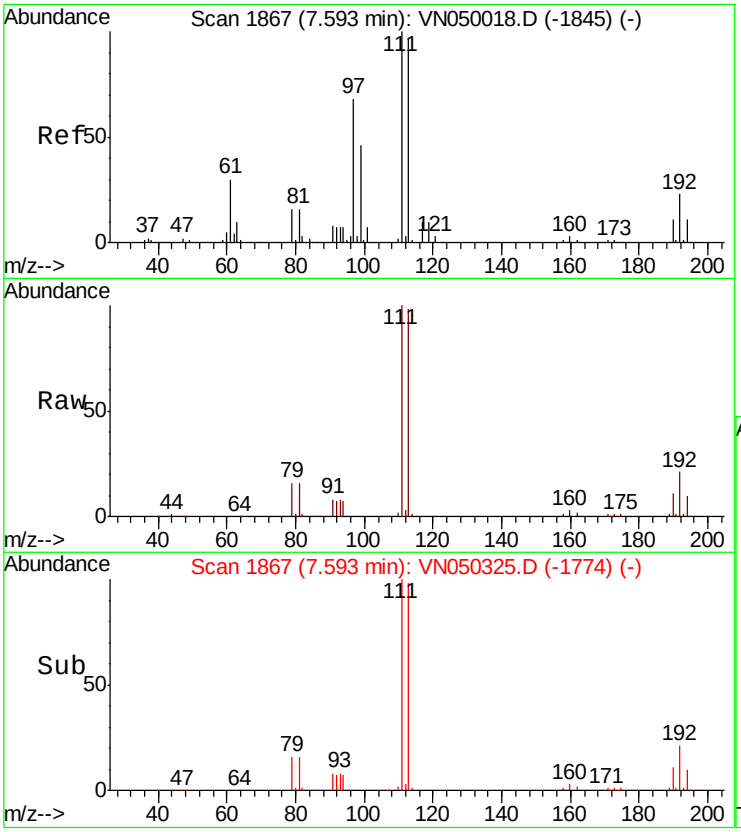


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion:114 Resp: 1119506

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.1	0.0	31.2



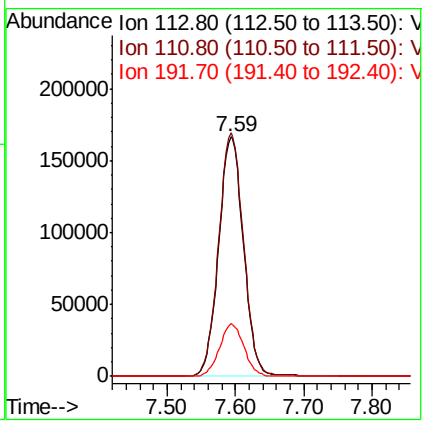


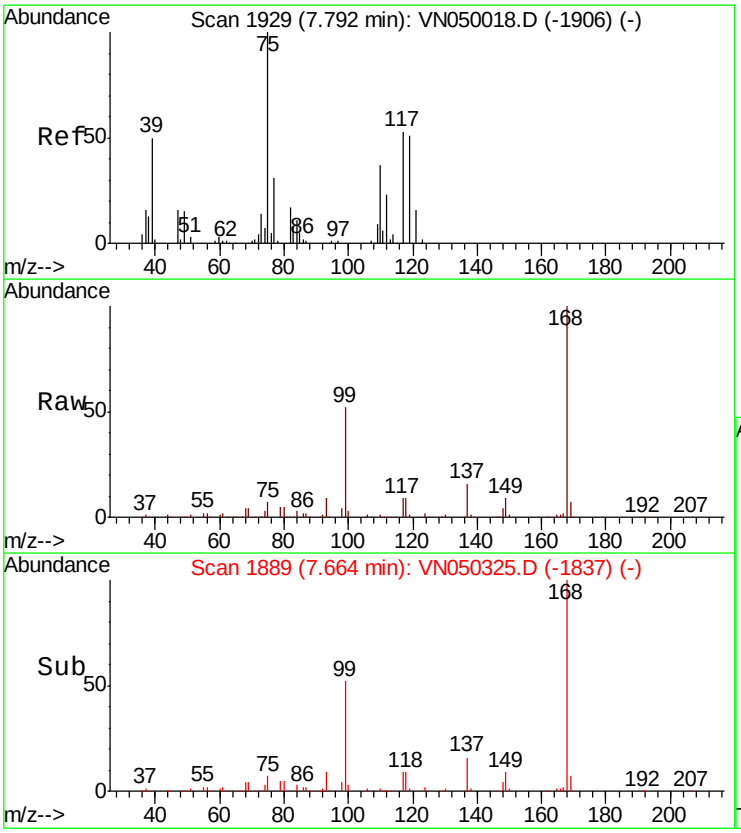
#35
Dibromofluoromethane
Concen: 45.97 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion:113 Resp: 420210

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	21.7	17.8	26.6

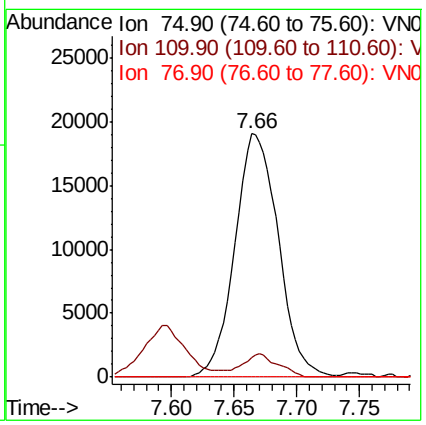


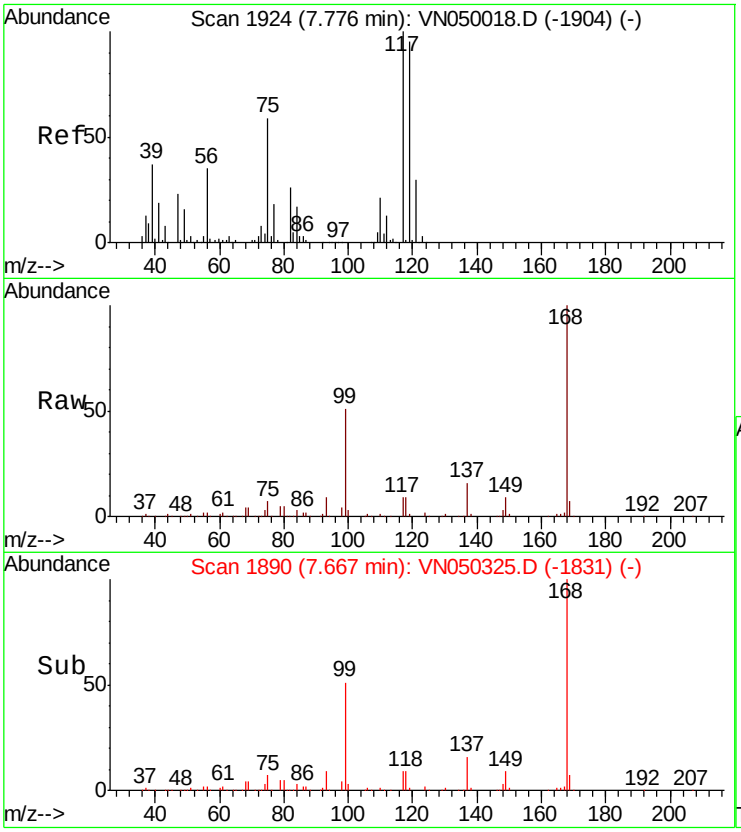


#36
1,1-Dichloropropene
Concen: 3.65 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.13 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 75 Resp: 45991

Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.4	55.2#
77	0.0	25.3	37.9#



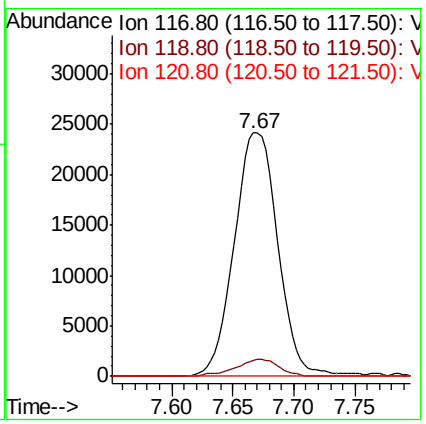


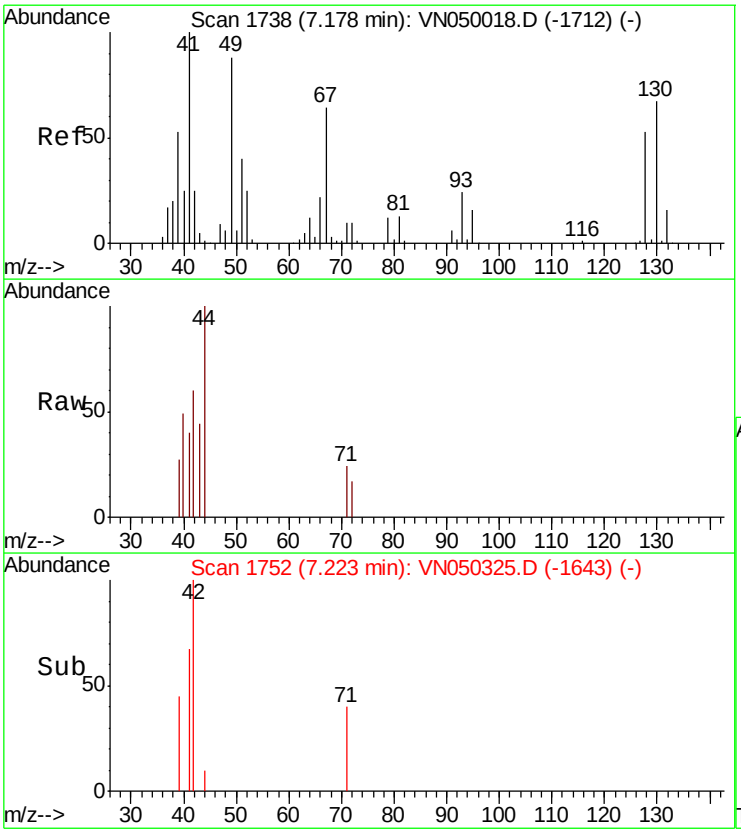
#38
Carbon Tetrachloride
Concen: 4.45 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion:117 Resp: 59584

Ion	Ratio	Lower	Upper
117	100		
119	6.7	77.4	116.0#
121	0.0	23.9	35.9#

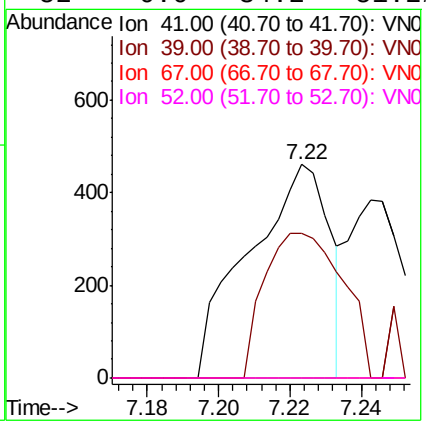


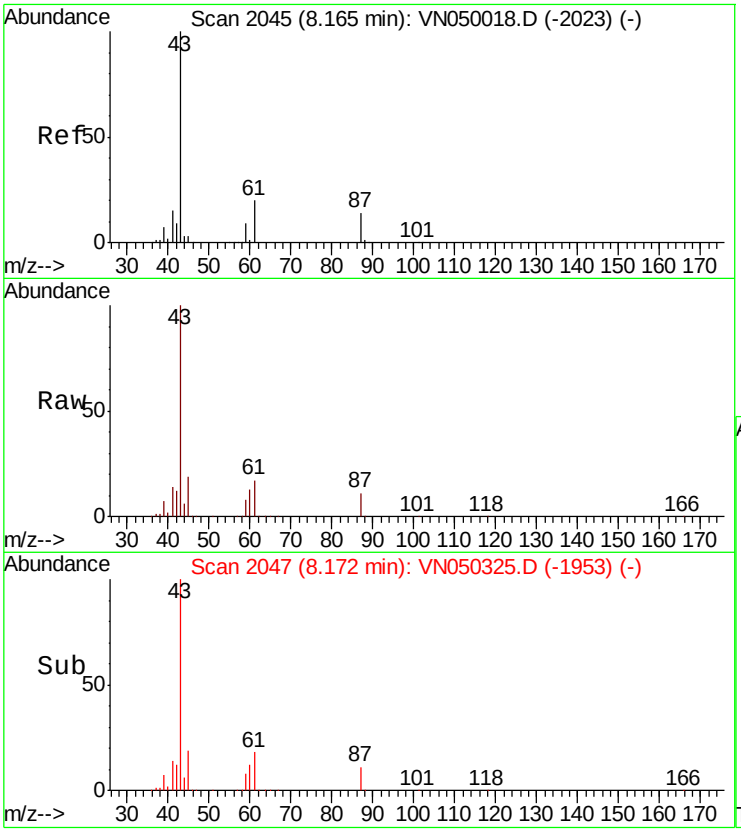


#41
Methacrylonitrile
Concen: 2.90 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.05 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 41 Resp: 722

Ion	Ratio	Lower	Upper
41	100		
39	65.9	55.8	83.6
67	0.0	84.3	126.5#
52	0.0	34.2	51.2#



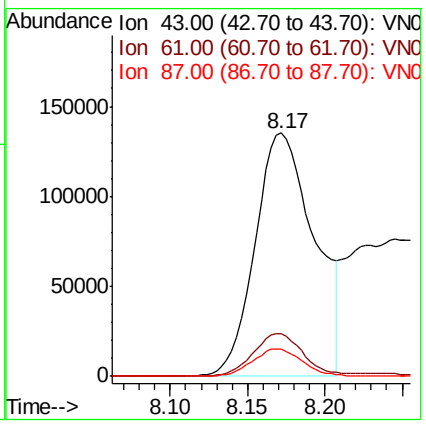


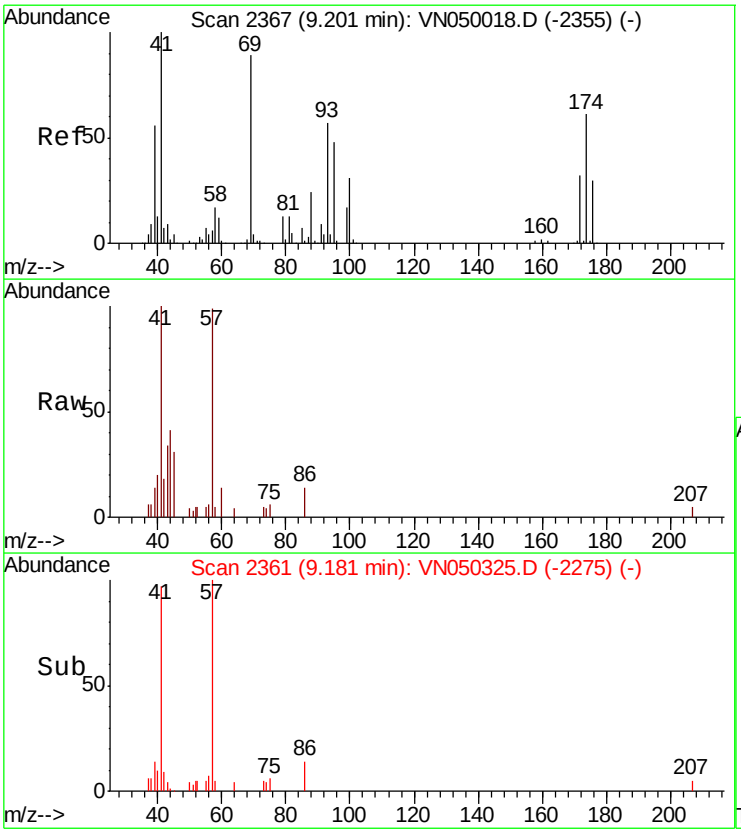
#43
Isopropyl Acetate
Concen: 21.00 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#10

Tgt Ion: 43 Resp: 358915

Ion	Ratio	Lower	Upper
43	100		
61	15.9	15.8	23.6
87	9.5	10.3	15.5#

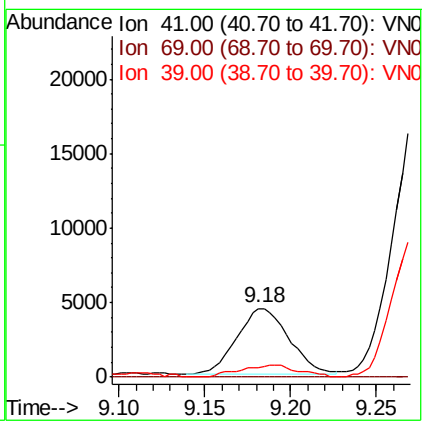


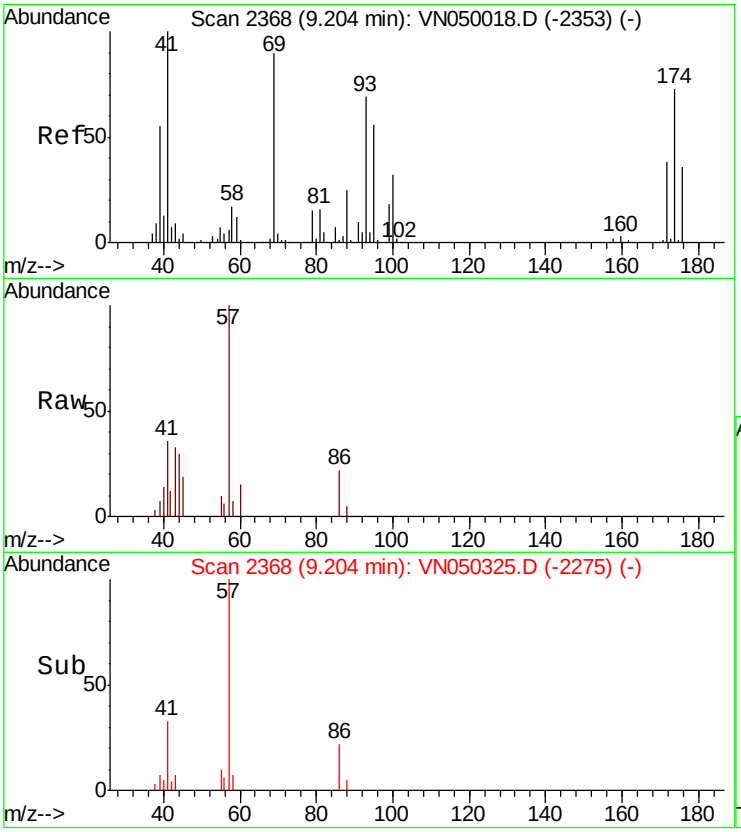


#48
Methyl methacrylate
Concen: 1.22 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 41 Resp: 9277

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	20.4	43.9	65.9#



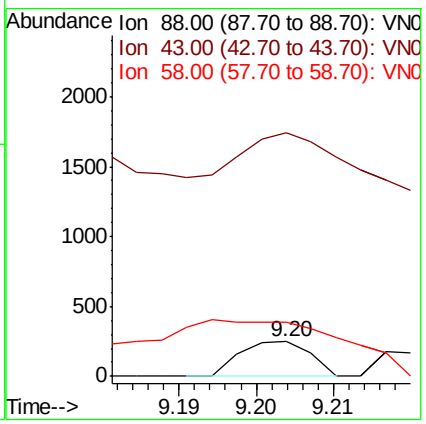


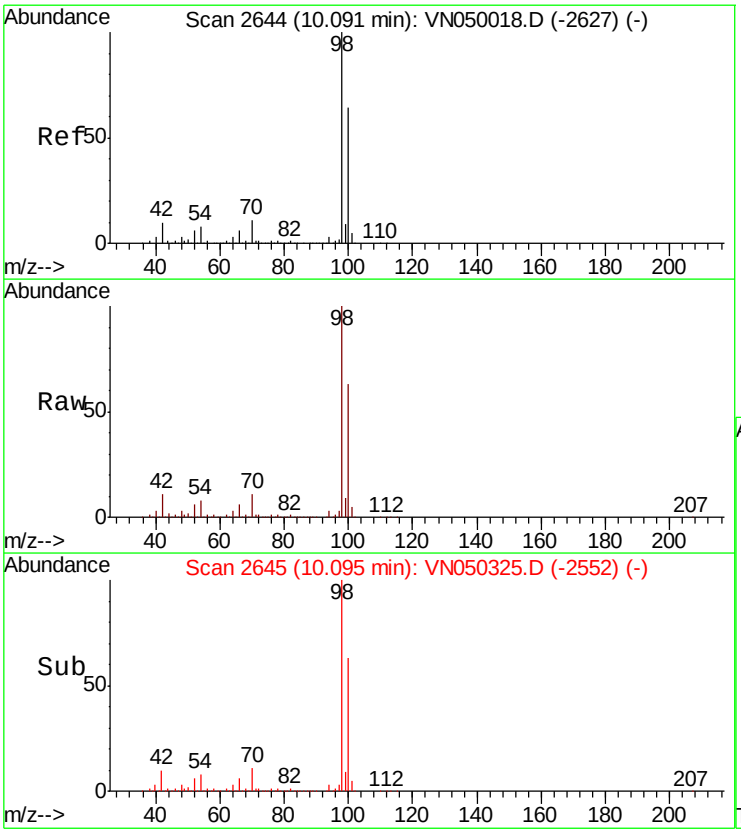
#49
1,4-Dioxane
Concen: 1.52 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion: 88 Resp: 157

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.9	40.3#
58	538.2	57.3	85.9#

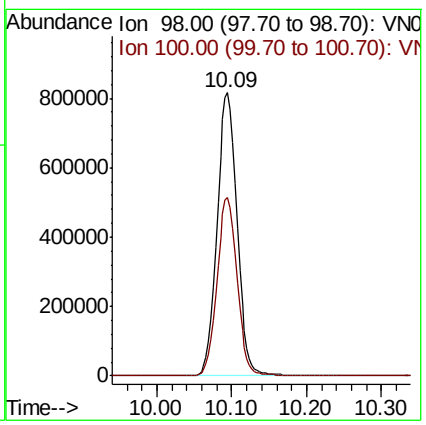


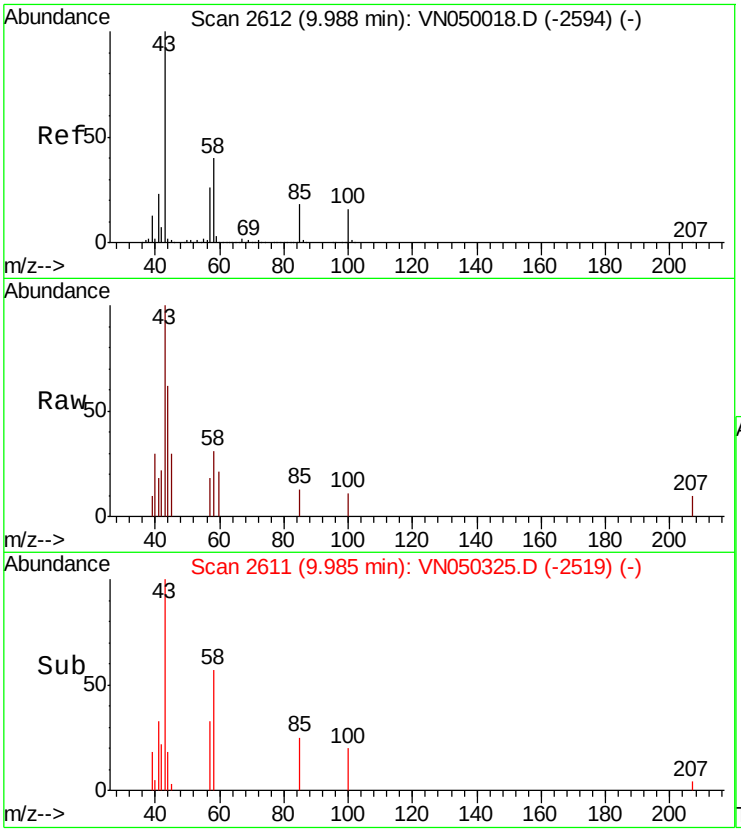


#50
Toluene-d8
Concen: 45.01 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 98 Resp: 1512392

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1



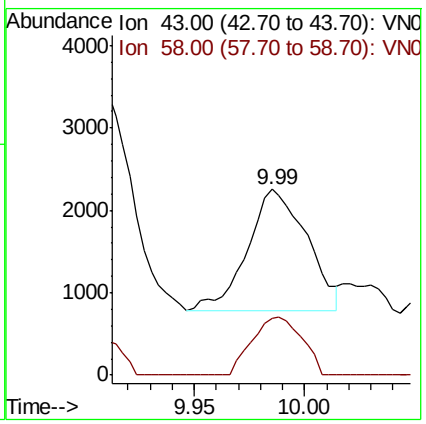


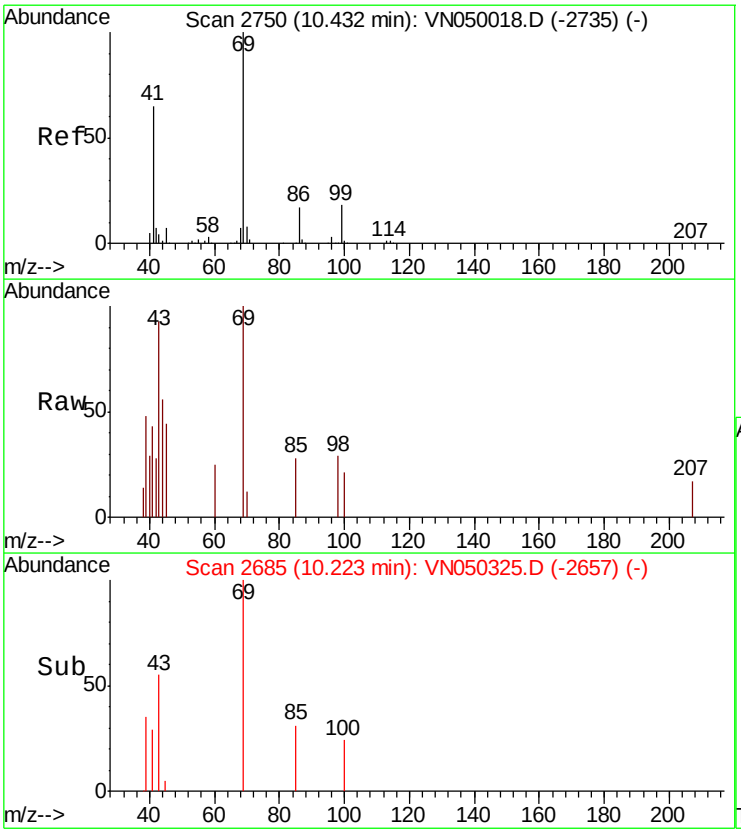
#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion: 43 Resp: 2778

Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.9	47.9

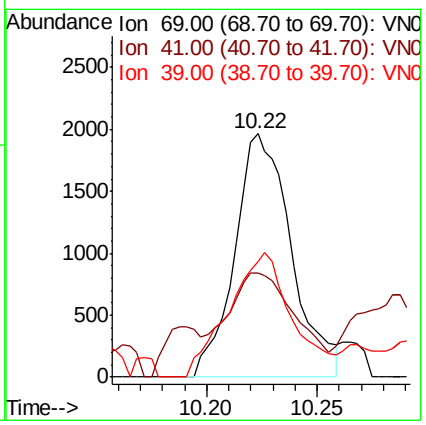


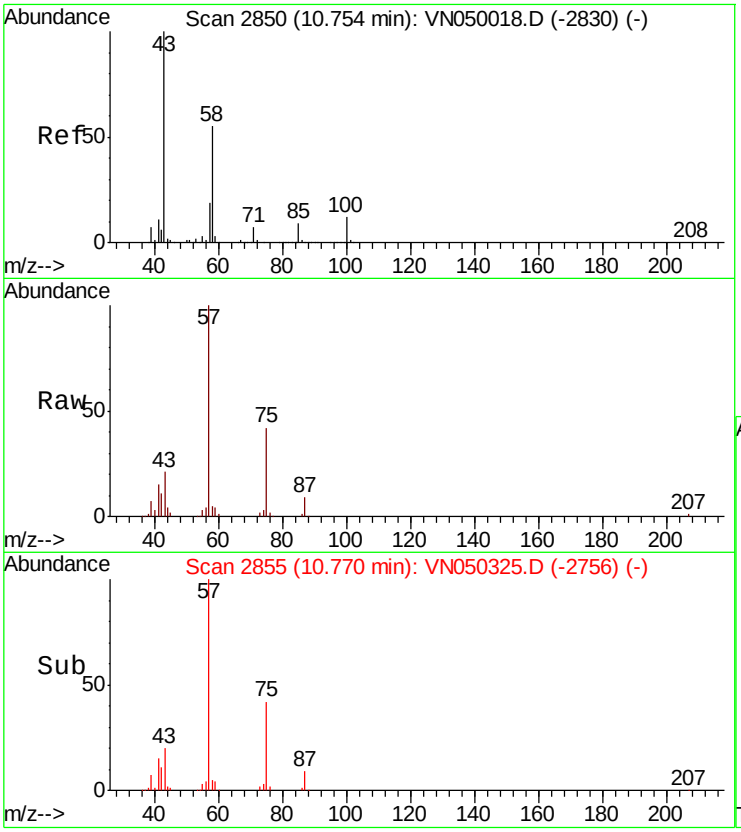


#56
Ethyl methacrylate
Concen: 2.31 ug/l
RT: 10.22 min Scan# 2685
Delta R.T. -0.21 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 69 Resp: 3499

Ion	Ratio	Lower	Upper
69	100		
41	45.4	51.0	76.4#
39	57.5	26.6	40.0#



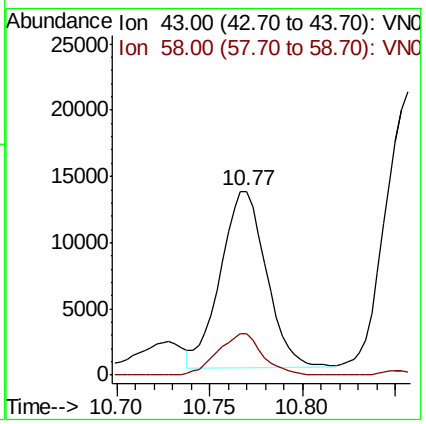


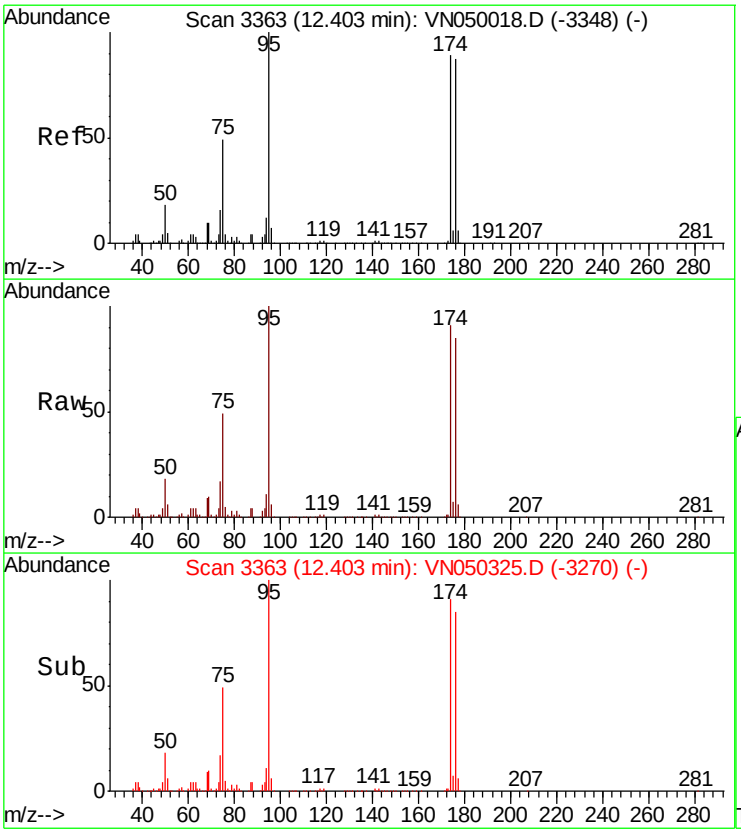
#59
2-Hexanone
Concen: 8.70 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#10

Tgt Ion: 43 Resp: 22866

Ion	Ratio	Lower	Upper
43	100		
58	23.0	27.6	82.7#

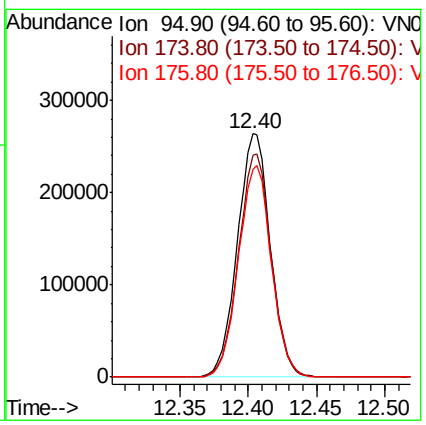


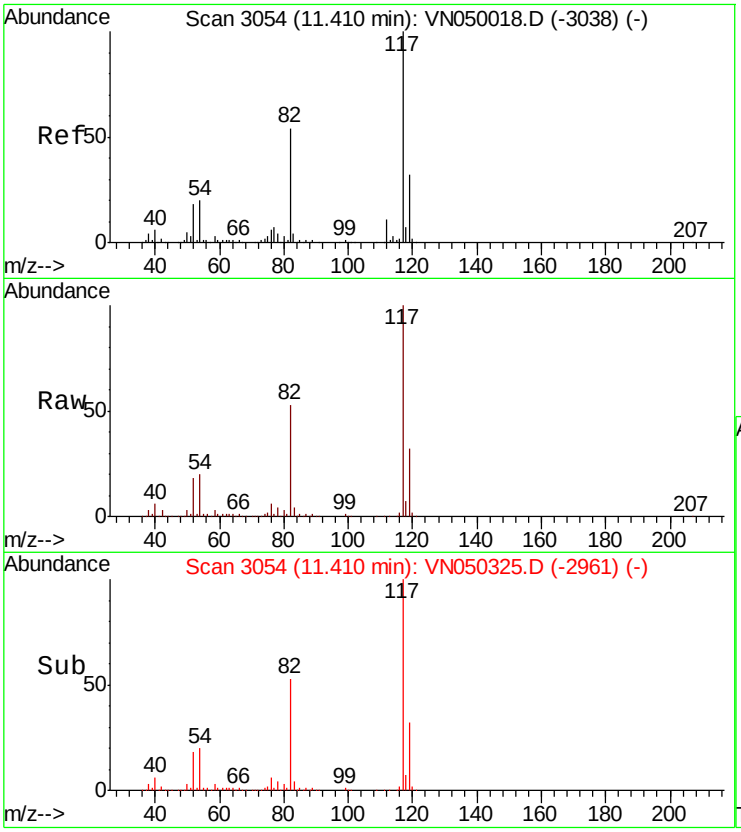


#62
4-Bromofluorobenzene
Concen: 39.84 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 95 Resp: 440785

Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	178.2
176	87.0	0.0	173.4



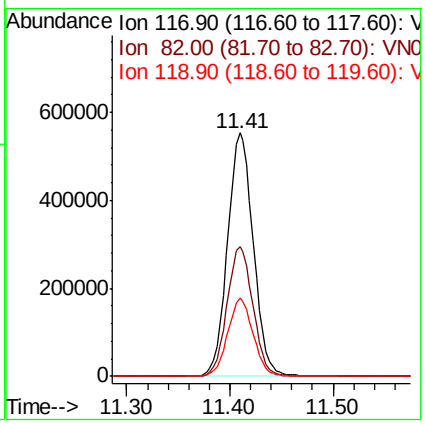


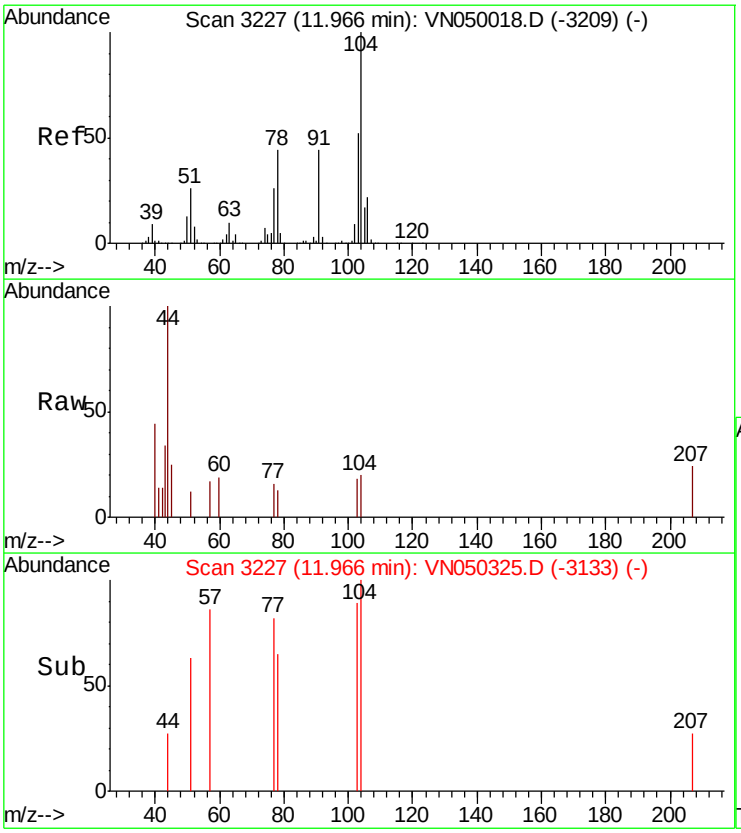
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#10

Tgt Ion:117 Resp: 961147

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.7	65.5
119	32.0	26.1	39.1

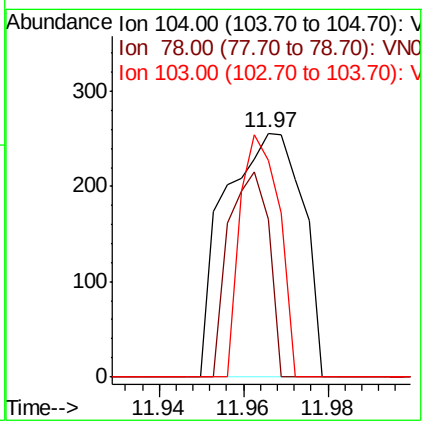


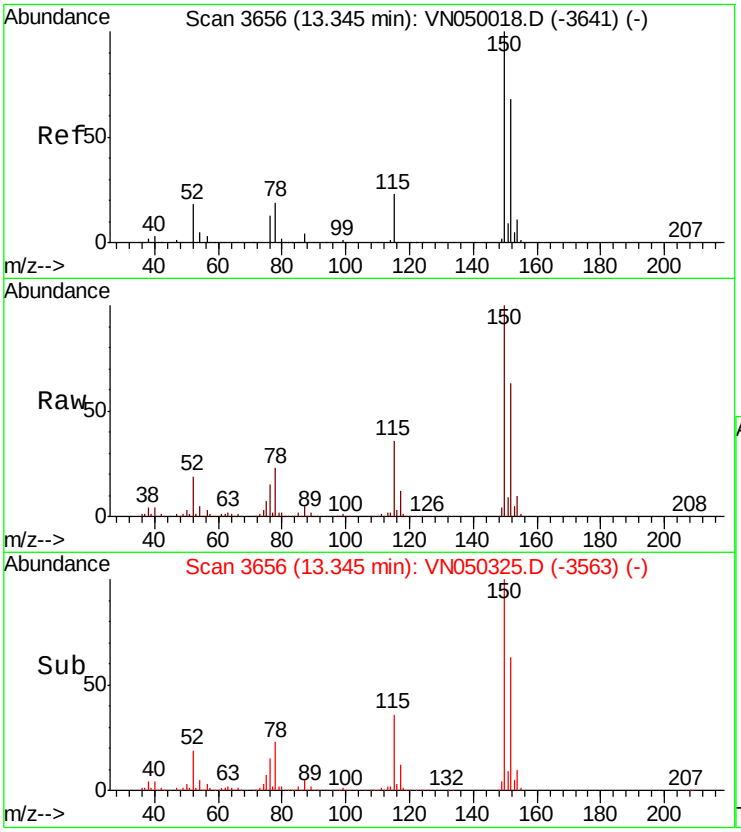


#70
Styrene
Concen: 0.94 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion:104 Resp: 327

Ion	Ratio	Lower	Upper
104	100		
78	43.4	39.3	58.9
103	50.2	45.0	67.6



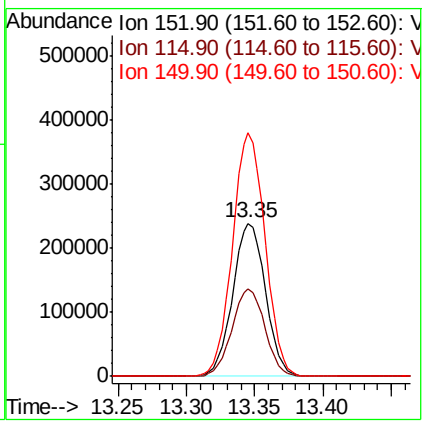


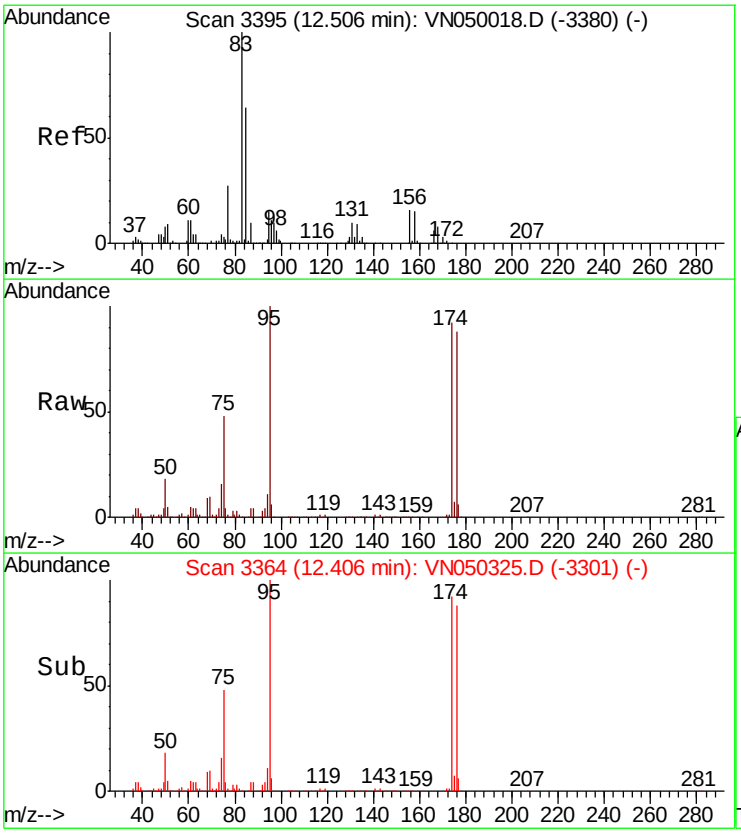
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion:152 Resp: 397364

Ion	Ratio	Lower	Upper
152	100		
115	56.9	27.8	83.3
150	158.5	0.0	348.6

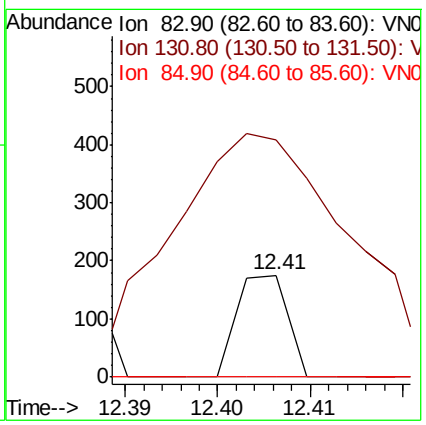


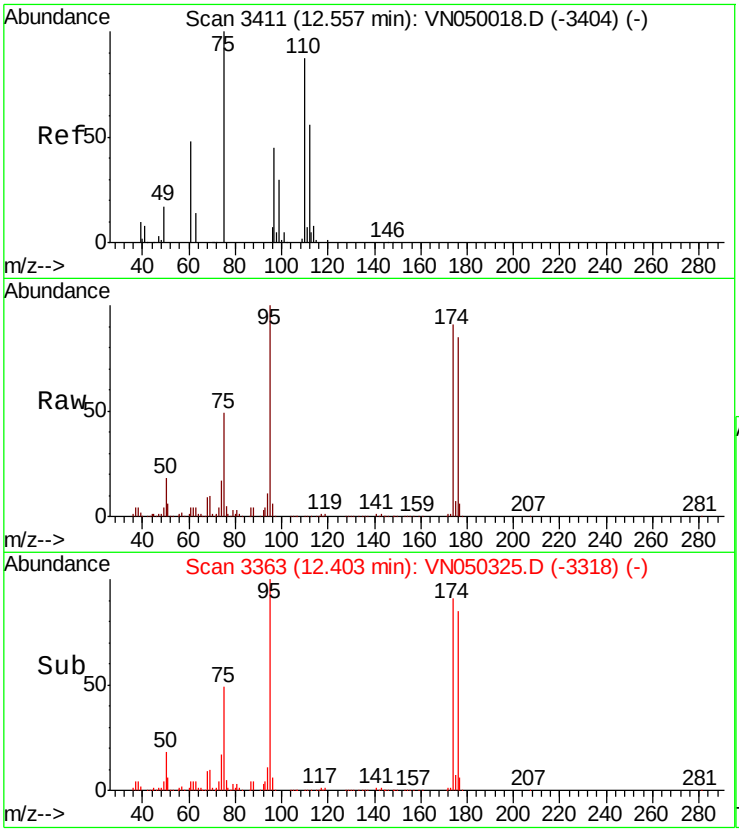


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.41 min Scan# 3364
Delta R.T. -0.10 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 83 Resp: 67

Ion	Ratio	Lower	Upper
83	100		
131	822.4	5.1	15.3#
85	0.0	32.3	96.8#



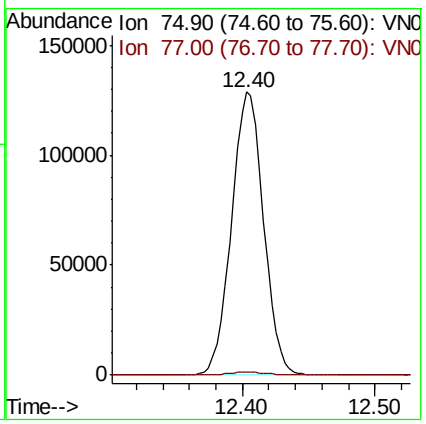


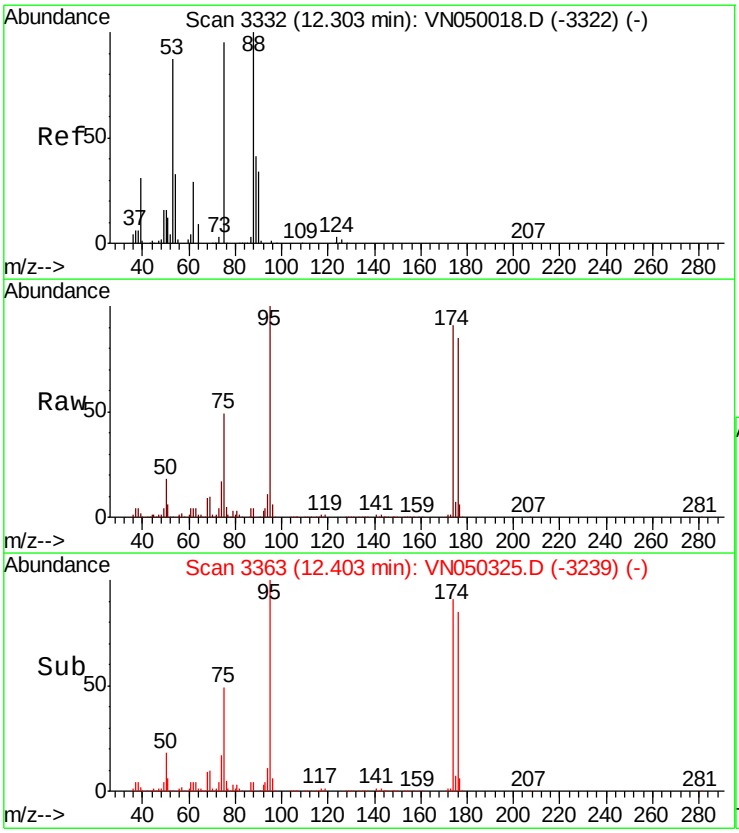
#76
1,2,3-Trichloropropane
Concen: 29.15 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion: 75 Resp: 215229

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

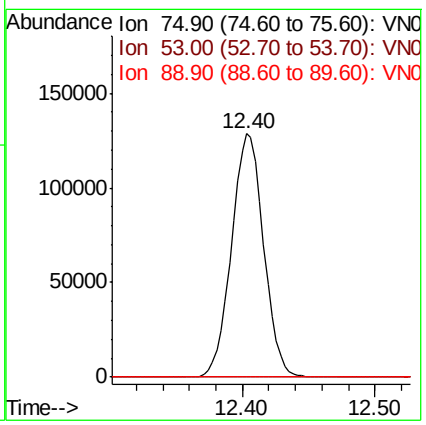


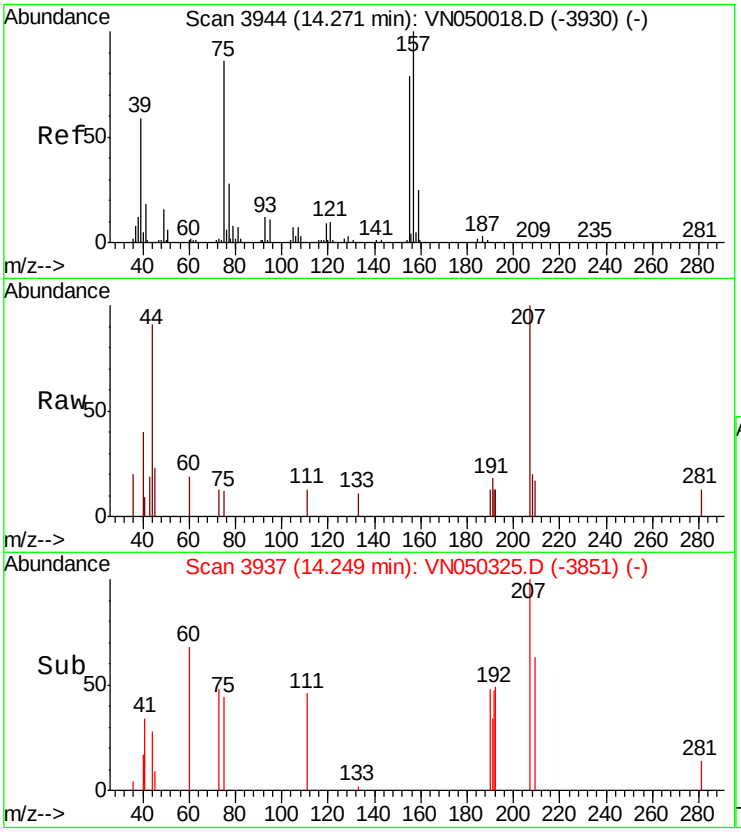


#81
trans-1,4-Dichloro-2-butene
Concen: 92.44 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion: 75 Resp: 215229

Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.5	110.3#
89	0.0	36.0	54.0#



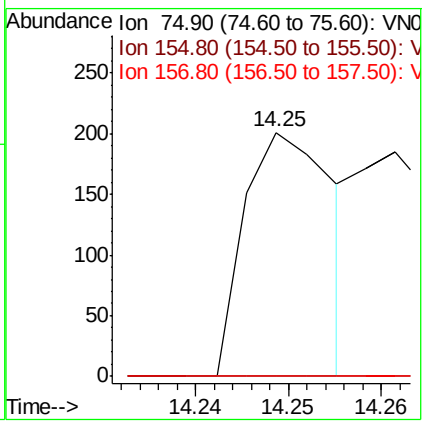


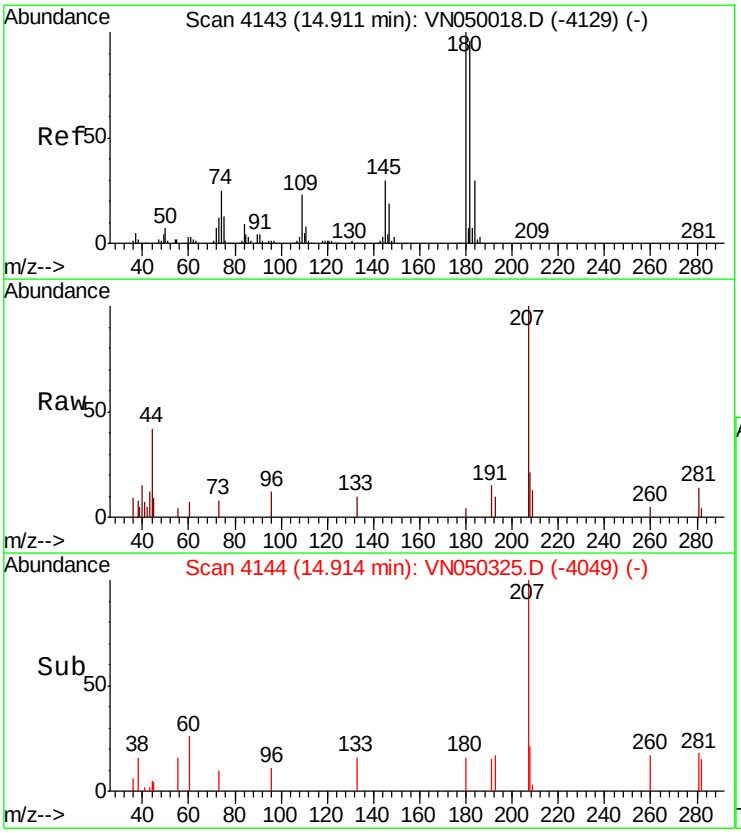
#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.25 min Scan# 3937
Delta R.T. -0.02 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion: 75 Resp: 134

Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	0.0	57.2	171.6#

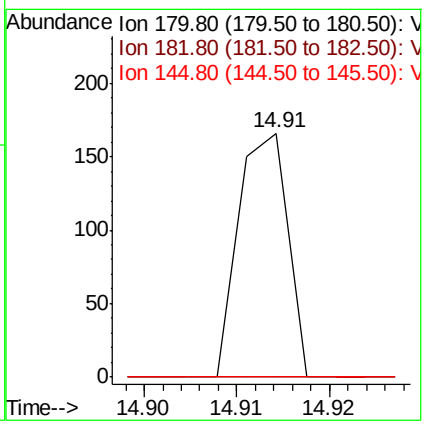


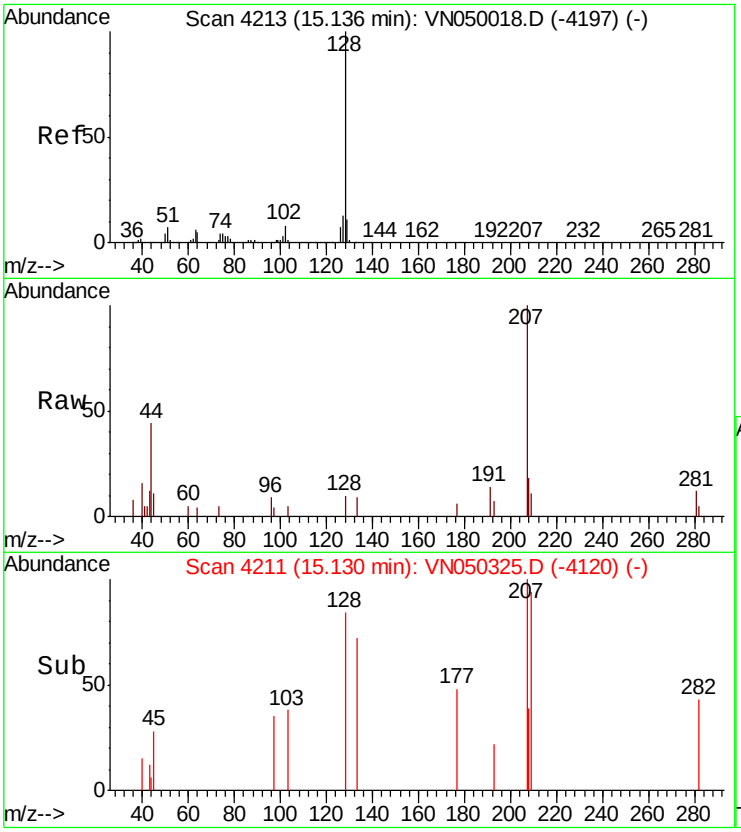


#93
1,2,4-Trichlorobenzene
Concen: 3.09 ug/l
RT: 14.91 min Scan# 4144
Delta R.T. 0.00 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Tgt Ion:180 Resp: 61

Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.7	140.1#
145	0.0	13.8	41.4#





#95
Naphthalene
Concen: 4.45 ug/l
RT: 15.13 min Scan# 4211
Delta R.T. -0.01 min
Lab File: VN050325.D
Acq: 3 Aug 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#10

Tgt Ion:128 Resp: 636

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#