Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072718\
Data File : VN050155.D
Acq On : 28 Jul 2018 1:46
Operator : MD\SY
Sample : J4189-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Quant Time: Jul 28 03:51:46 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	645780	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1084640	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	927382	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374713	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	460156	51.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.14%				
35) Dibromofluoromethane	7.59	113	408975	46.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.36%				
50) Toluene-d8	10.09	98	1468648	45.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.22%				
62) 4-Bromofluorobenzene	12.40	95	429321	40.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.10%				
Target Compounds							Qvalue
5) Bromomethane	2.55	94	109	Below Cal		#	23
14) Allyl chloride	4.55	41	11600	1.01	ug/l	#	24
16) Acetone	3.83	43	101753	44.37	ug/l		99
18) Methyl Acetate	4.34	43	38308	3.11	ug/l		99
20) Methylene Chloride	4.55	84	319889	39.79	ug/l		98
25) 2-Butanone	6.85	43	2921	0.85	ug/l		97
28) Bromochloromethane	7.37	49	2129	0.31	ug/l	#	10
29) Tetrahydrofuran	7.23	42	1130	0.51	ug/l	#	41
30) Chloroform	7.37	83	27100	1.77	ug/l		98
31) Cyclohexane	7.67	56	12122	0.91	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	45725	3.74	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	58249	4.49	ug/l	#	16
41) Methacrylonitrile	7.21	41	206	2.79	ug/l	#	10
43) Isopropyl Acetate	8.17	43	476244	29.19	ug/l	#	85
47) Bromodichloromethane	9.40	83	4982	0.39	ug/l	#	98
48) Methyl methacrylate	9.18	41	10091	1.38	ug/l	#	21
51) 4-Methyl-2-Pentanone	9.99	43	2562	0.31	ug/l		97
56) Ethyl methacrylate	10.23	69	3082	2.28	ug/l	#	66
59) 2-Hexanone	10.77	43	22116	8.69	ug/l	#	57
70) Styrene	11.97	104	404	0.94	ug/l	#	72
71) Bromoform	12.40	173	3610	0.55	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	142	Below Cal		#	1
76) 1,2,3-Trichloropropane	12.40	75	210047	30.16	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	210047	95.67	ug/l	#	13
84) 1,2,4-Trimethylbenzene	13.04	105	10839	0.47	ug/l		99
90) Hexachloroethane	13.89	117	1612	0.32	ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	96	Below Cal		#	1
93) 1,2,4-Trichlorobenzene	14.91	180	30	3.09	ug/l	#	1
95) Naphthalene	15.14	128	220144	16.14	ug/l		99

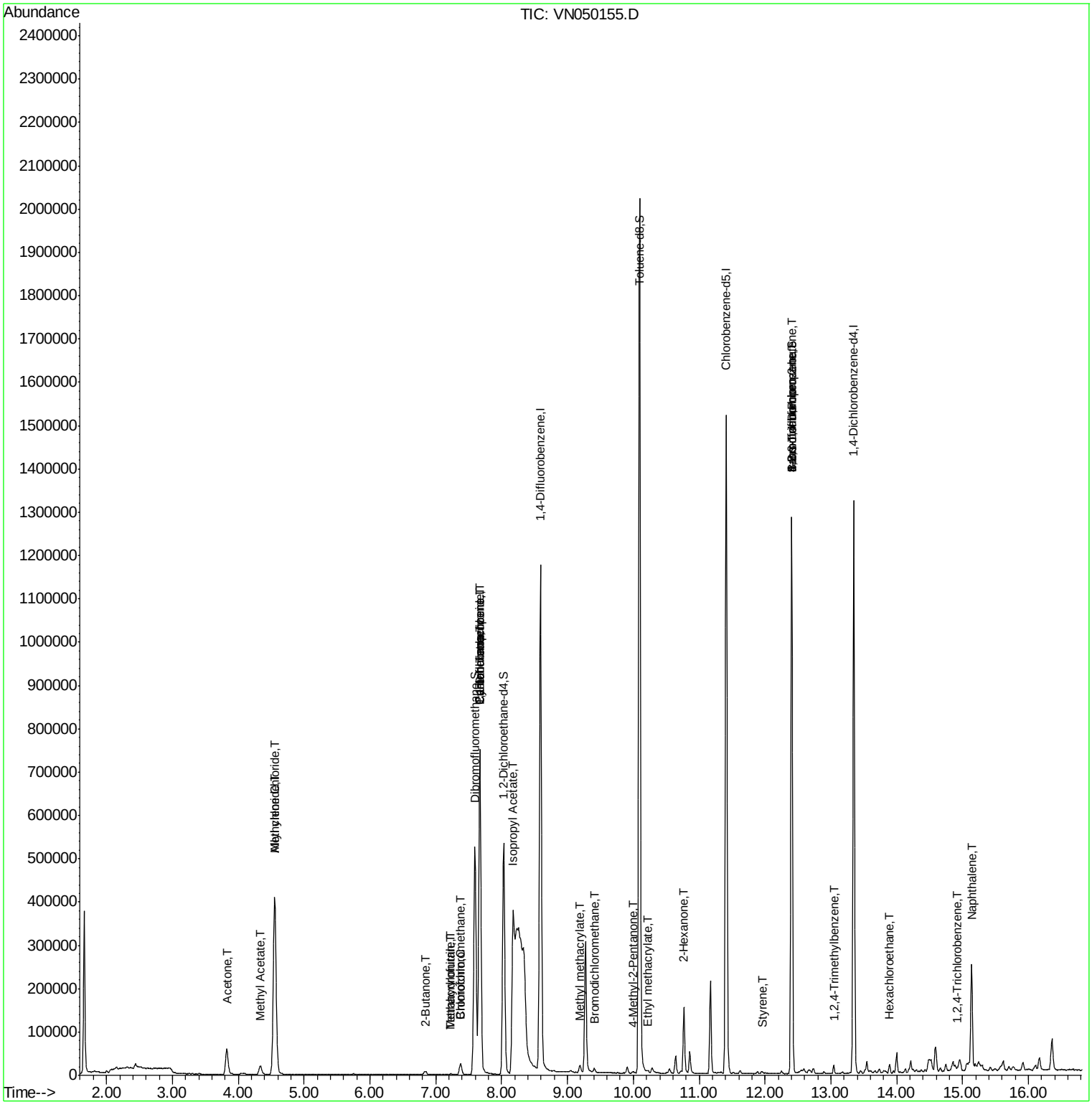
(#) = qualifier out of range (m) = manual integration (+) = signals summed

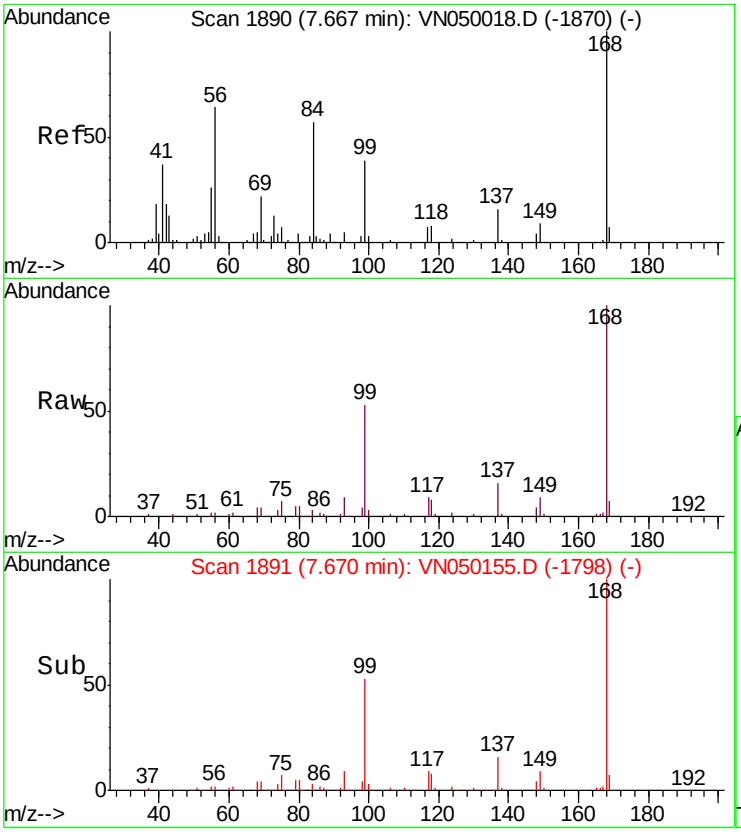
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072718\
Data File : VN050155.D
Acq On : 28 Jul 2018 1:46
Operator : MD\SY
Sample : J4189-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Quant Time: Jul 28 03:51:46 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



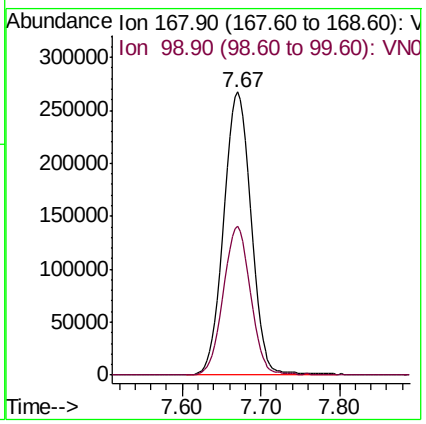


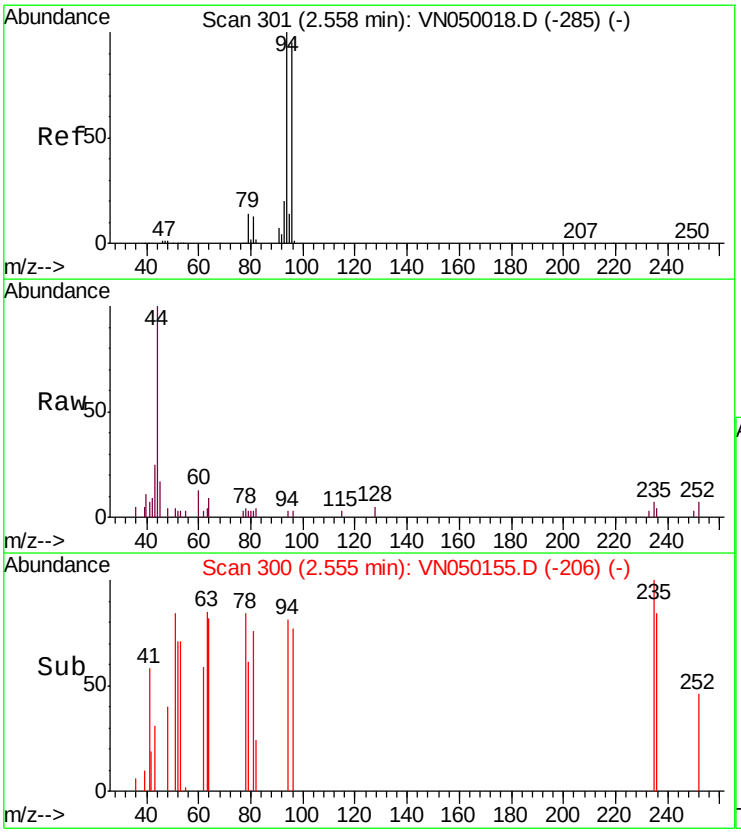
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tgt Ion:168 Resp: 645780

Ion	Ratio	Lower	Upper
168	100		
99	52.6	40.0	60.0

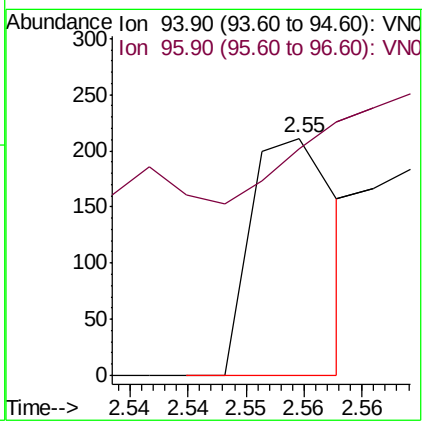


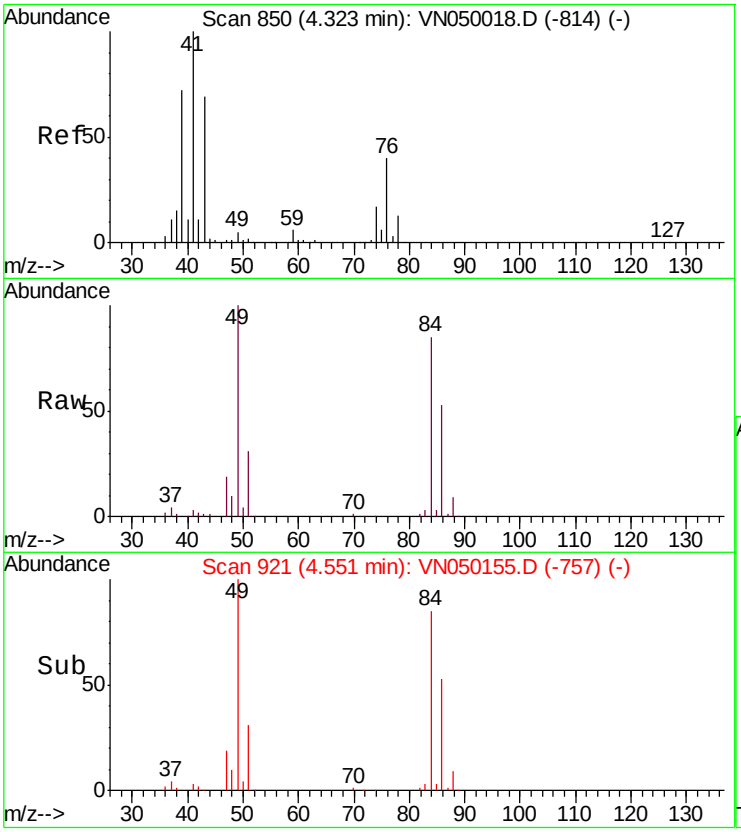


#5
Bromomethane
Concen: Below Cal
RT: 2.55 min Scan# 300
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 94 Resp: 109

Ion	Ratio	Lower	Upper
94	100		
96	19.4	74.6	112.0#



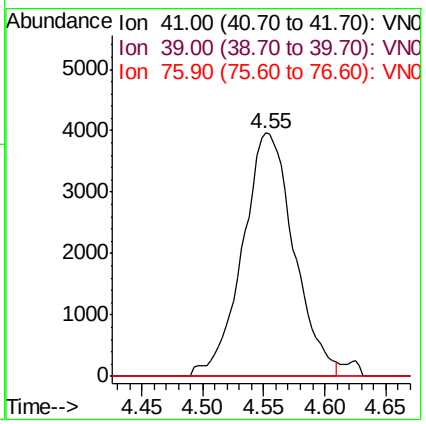


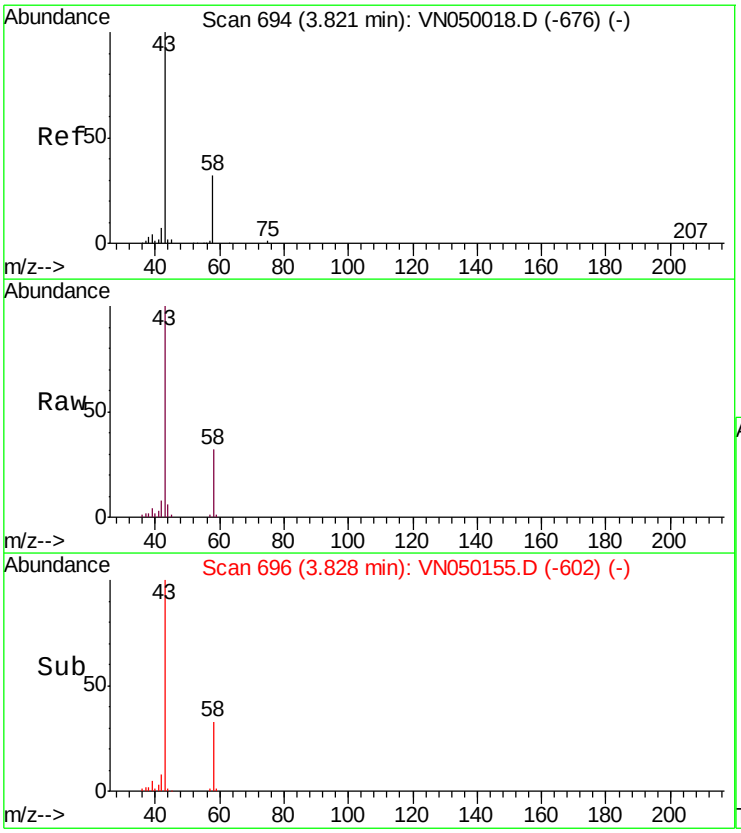
#14
Allyl chloride
Concen: 1.01 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion: 41 Resp: 11600

Ion	Ratio	Lower	Upper
41	100		
39	0.0	54.2	81.4#
76	0.0	29.0	43.6#

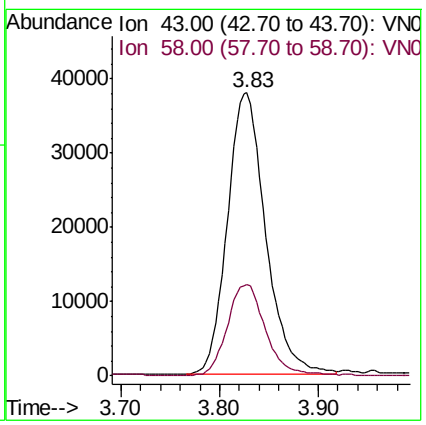


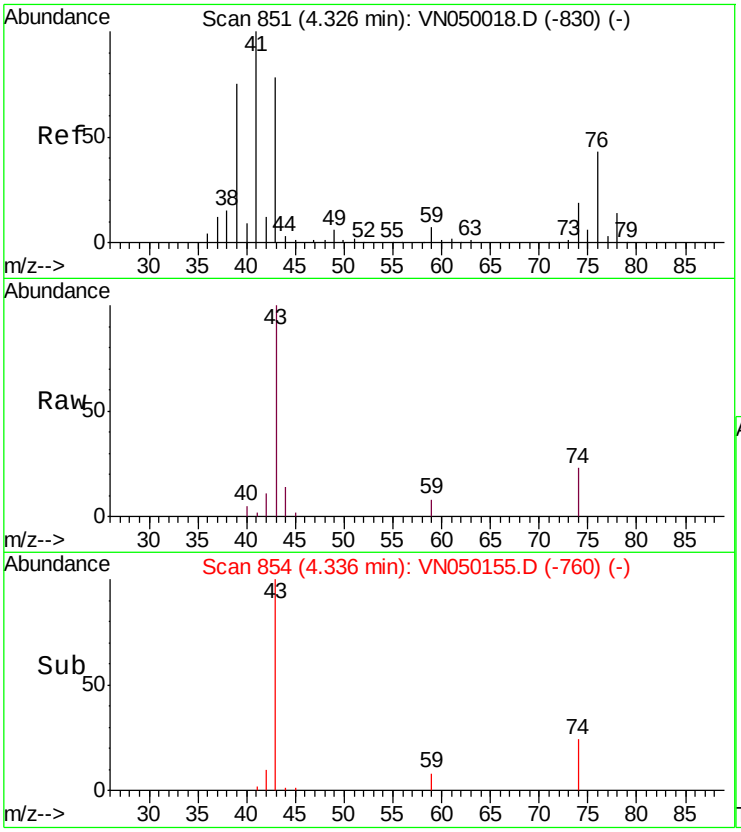


#16
Acetone
Concen: 44.37 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 43 Resp: 101753

Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.8	38.8



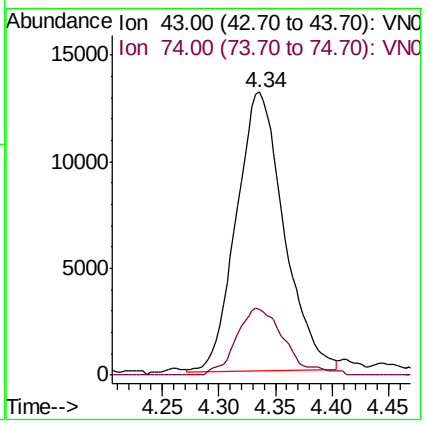


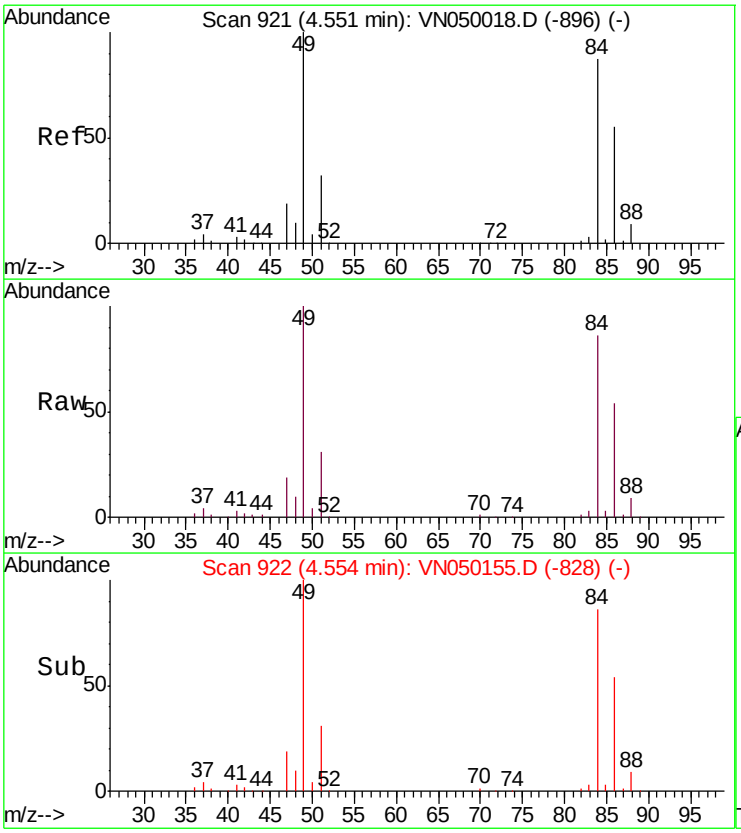
#18
Methyl Acetate
Concen: 3.11 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion: 43 Resp: 38308

Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.2	28.8

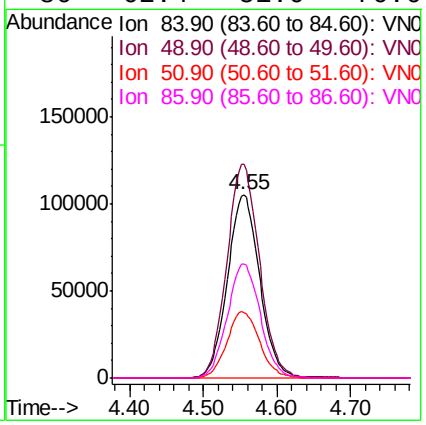


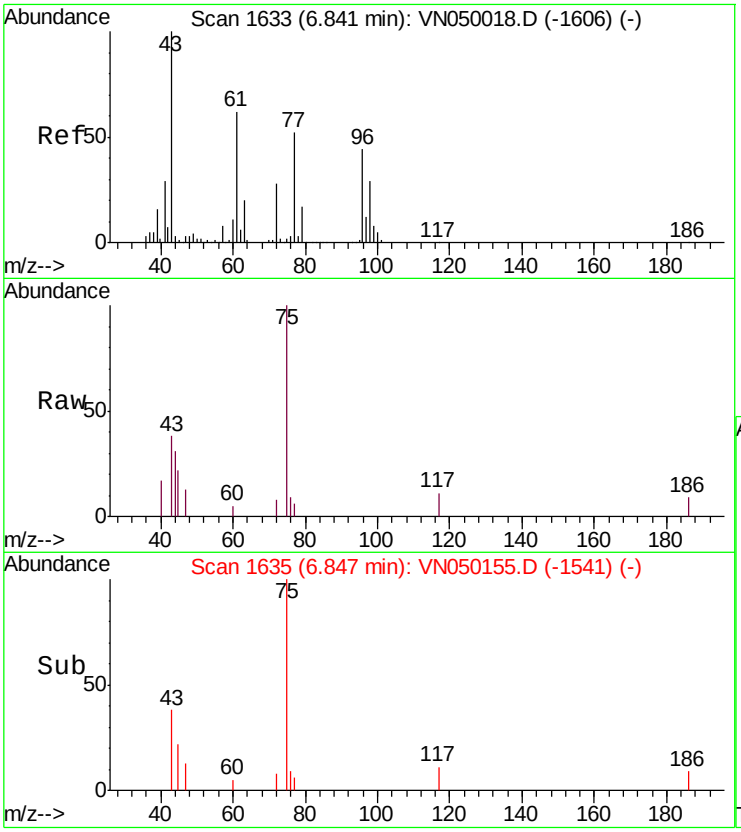


#20
Methylene Chloride
Concen: 39.79 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 84 Resp: 319889

Ion	Ratio	Lower	Upper
84	100		
49	116.5	94.8	142.2
51	35.7	28.3	42.5
86	62.4	51.0	76.6



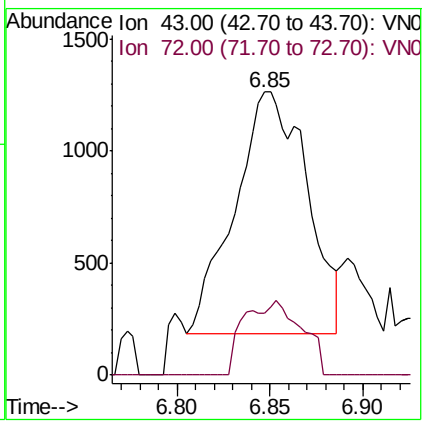


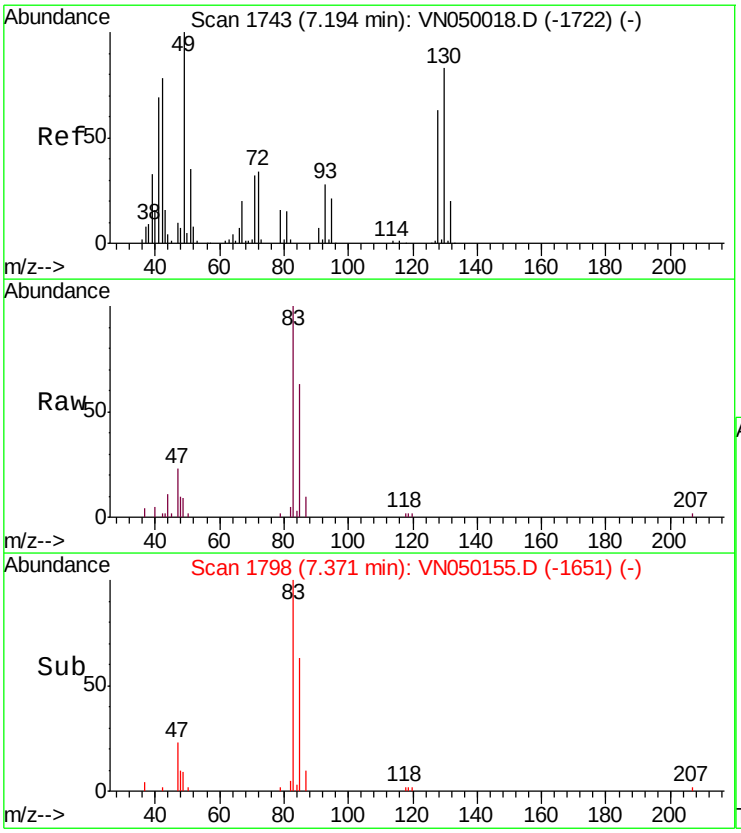
#25
2-Butanone
Concen: 0.85 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tgt Ion: 43 Resp: 2921

Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.5	32.3

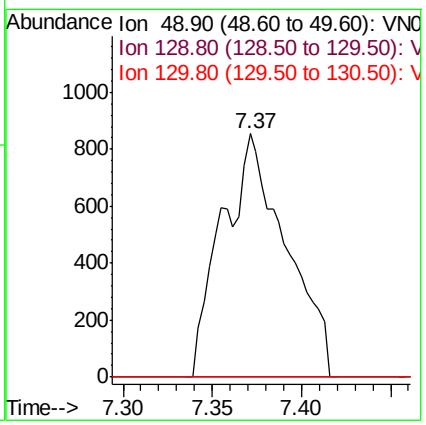


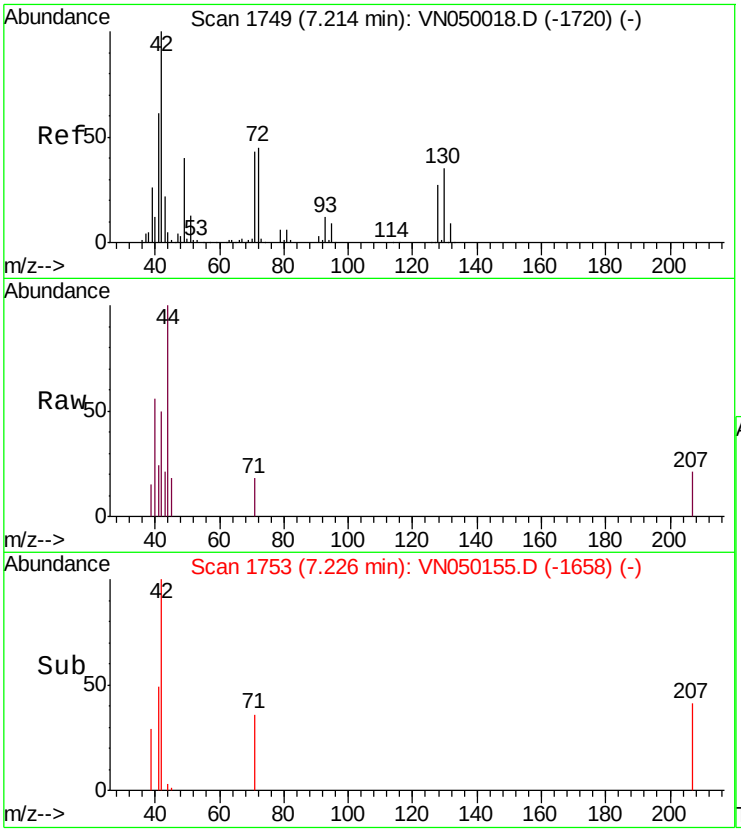


#28
Bromochloromethane
Concen: 0.31 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. 0.17 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 49 Resp: 2129

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	66.3	99.5#



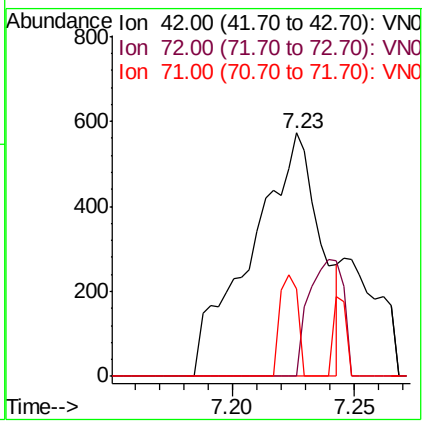


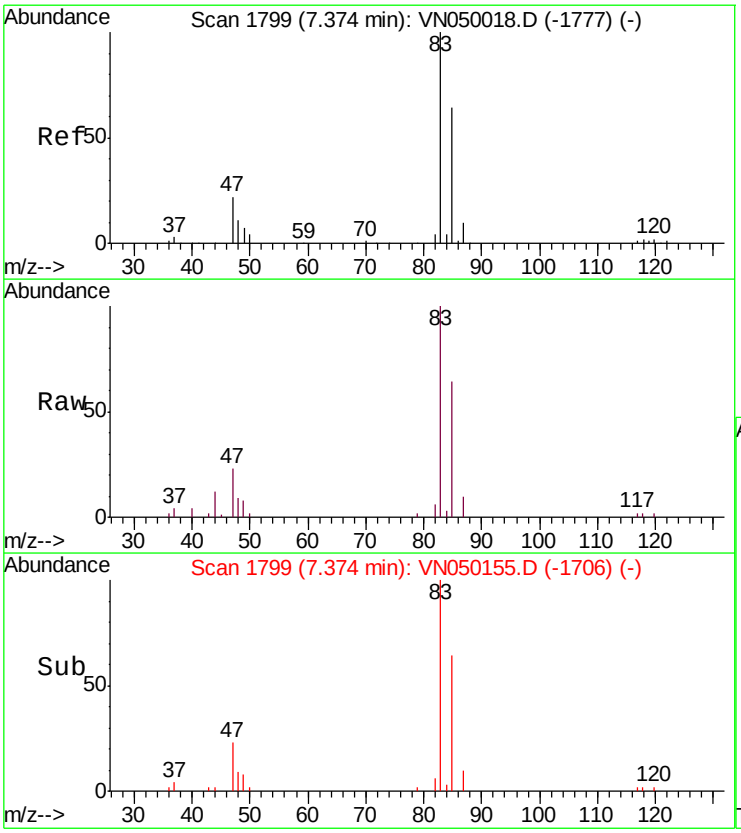
#29
Tetrahydrofuran
Concen: 0.51 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tgt Ion: 42 Resp: 1130

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	11.0	33.7	50.5#

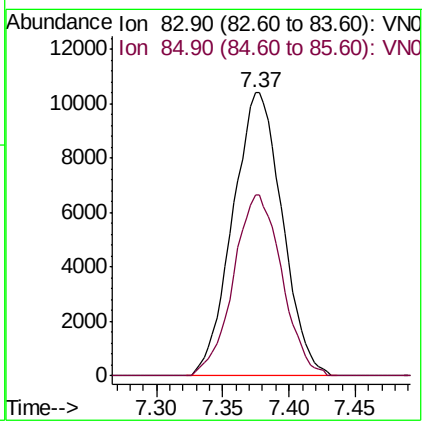


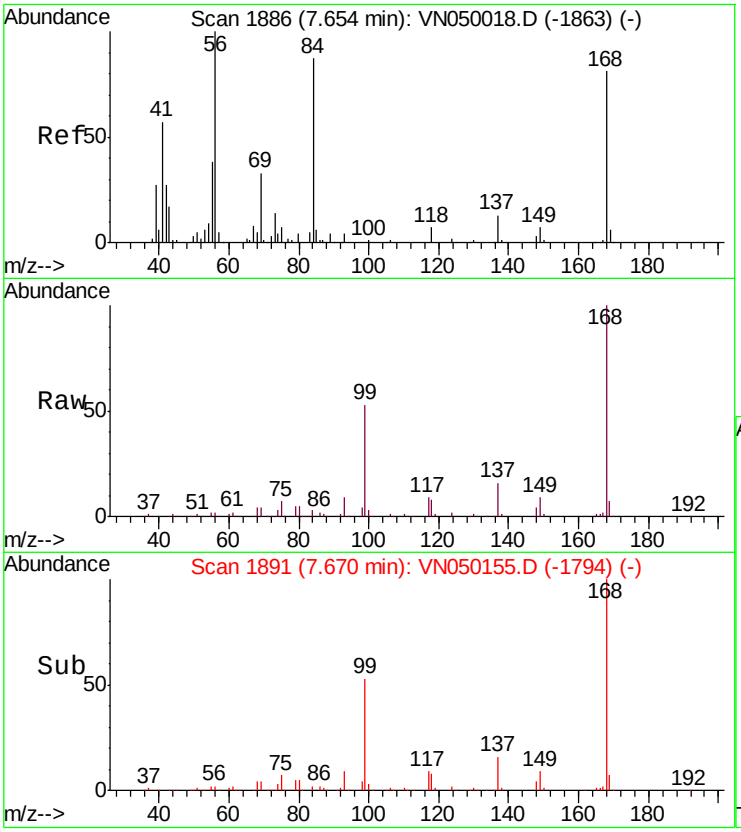


#30
Chloroform
Concen: 1.77 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 83 Resp: 27100

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7



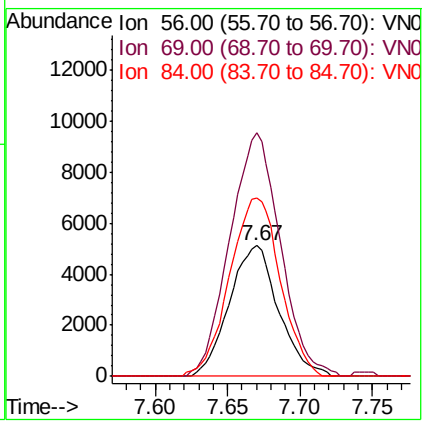


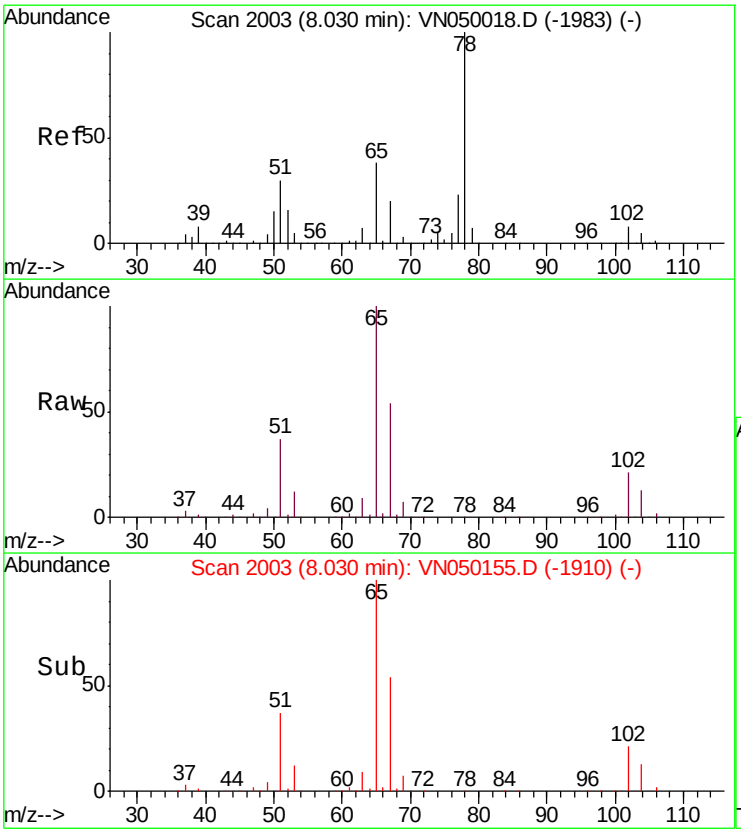
#31
Cyclohexane
Concen: 0.91 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion: 56 Resp: 12122

Ion	Ratio	Lower	Upper
56	100		
69	186.4	26.2	39.4#
84	136.8	67.4	101.0#

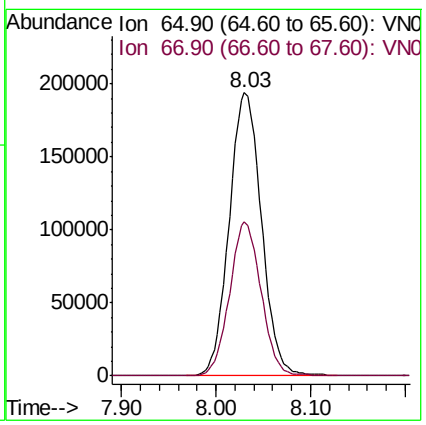


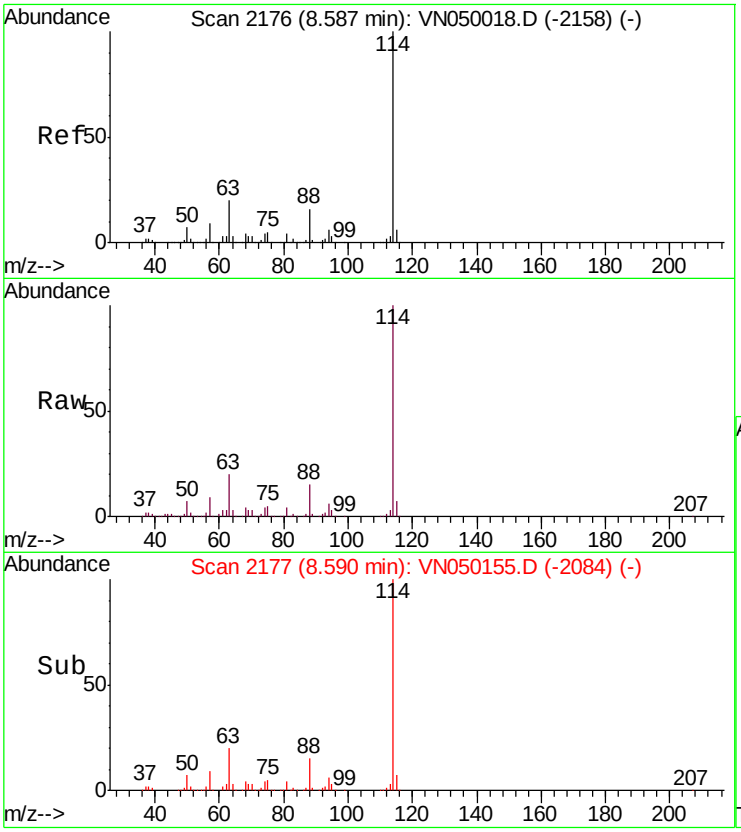


#33
1,2-Dichloroethane-d4
Concen: 51.07 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 65 Resp: 460156

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.4



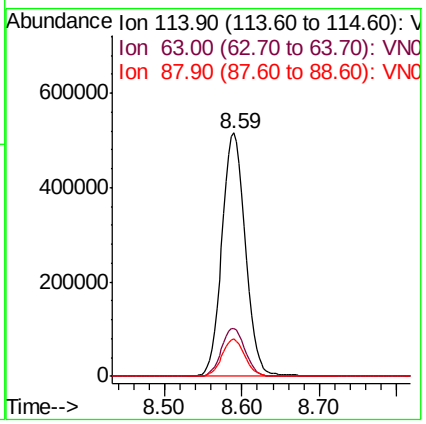


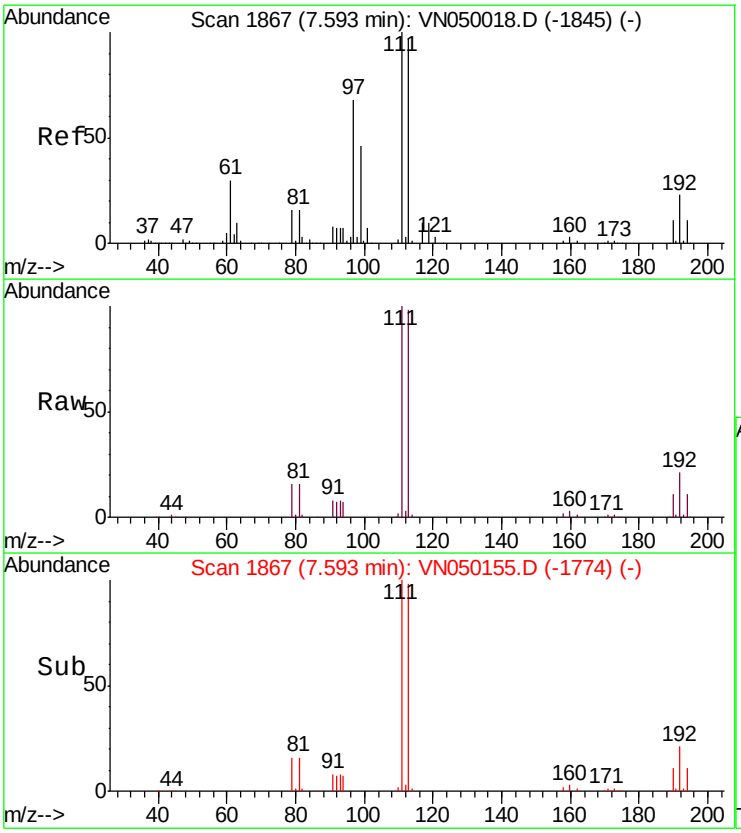
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion:114 Resp: 1084640

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.0
88	15.2	0.0	31.2

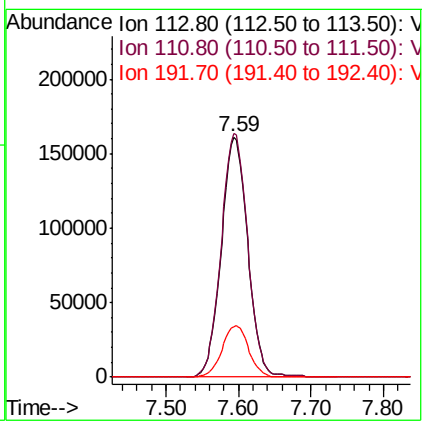


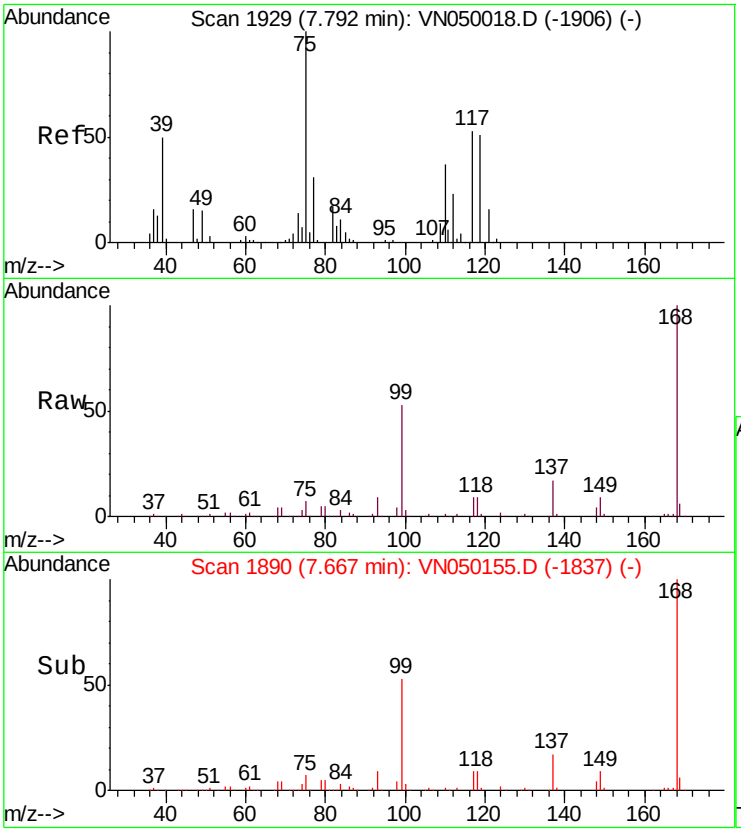


#35
Dibromofluoromethane
Concen: 46.18 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion:113 Resp: 408975

Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.7	121.1
192	21.5	17.8	26.6



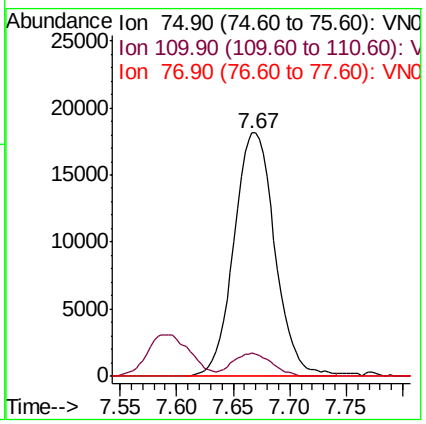


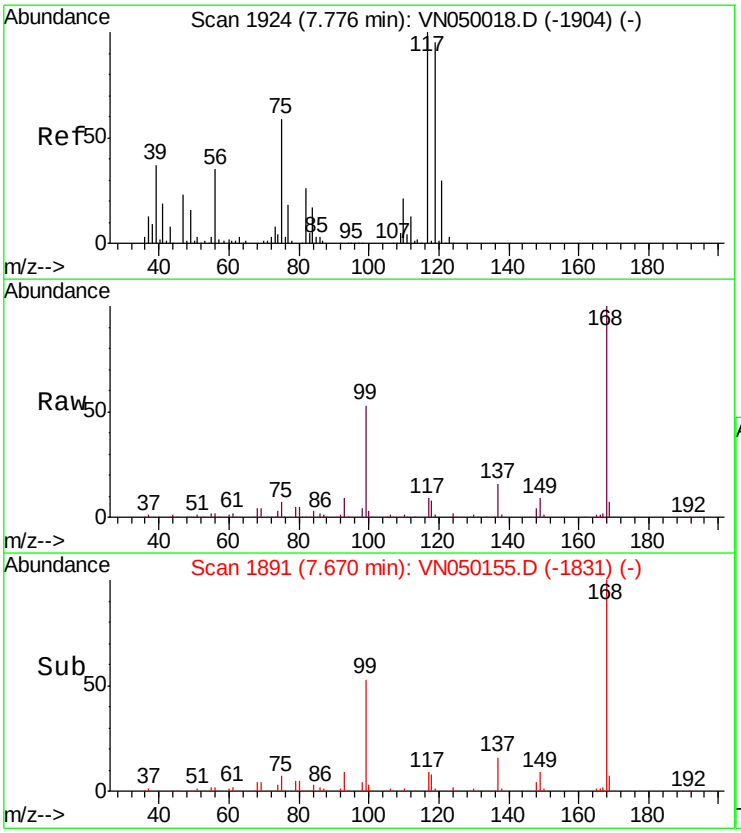
#36
1,1-Dichloropropene
Concen: 3.74 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tgt Ion: 75 Resp: 45725

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.4	55.2#
77	0.0	25.3	37.9#

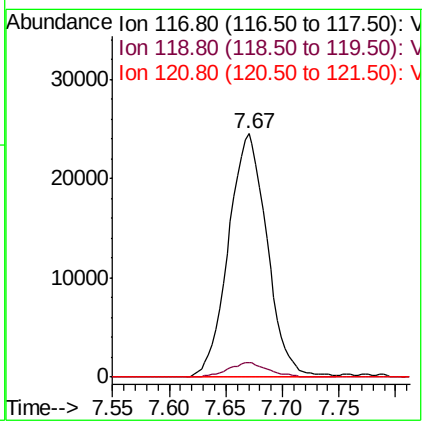


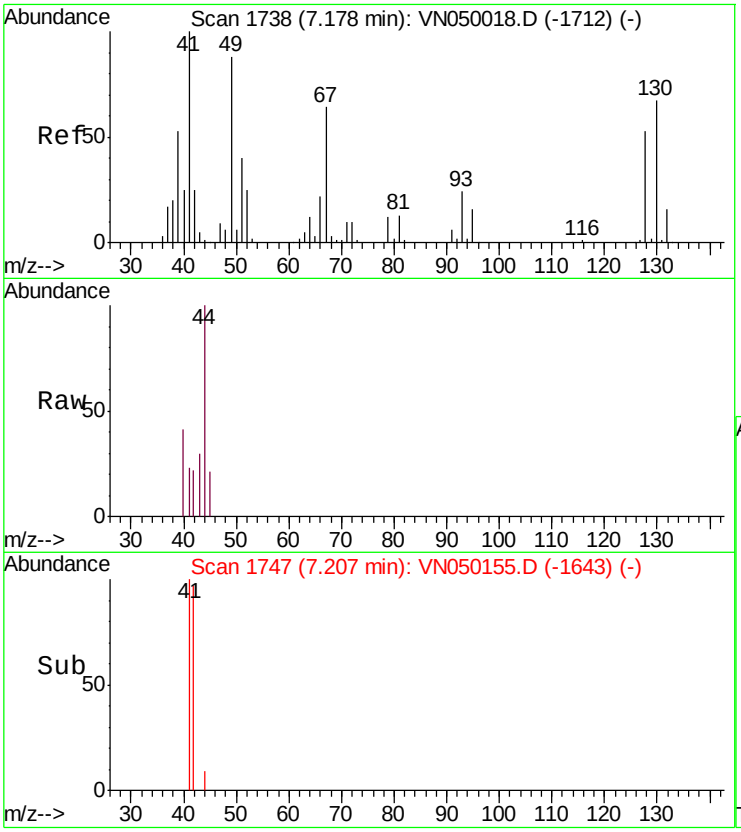


#38
Carbon Tetrachloride
Concen: 4.49 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion:117 Resp: 58249

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.4	116.0#
121	0.0	23.9	35.9#



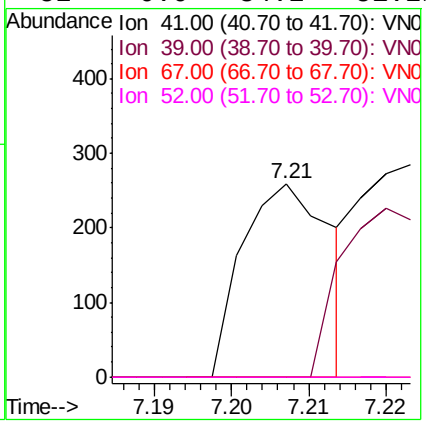


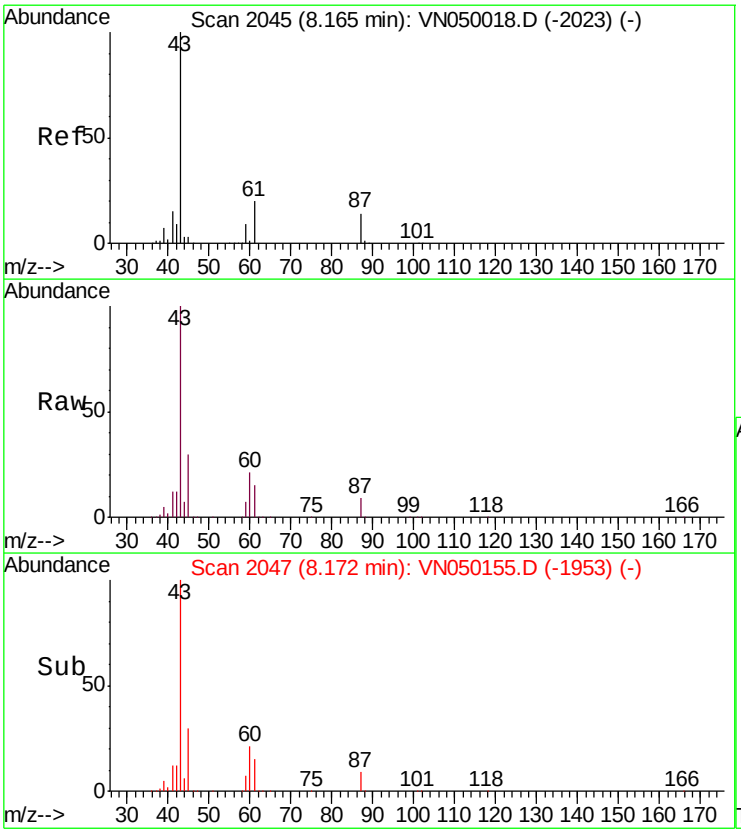
#41
Methacrylonitrile
Concen: 2.79 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. 0.03 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion: 41 Resp: 206

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

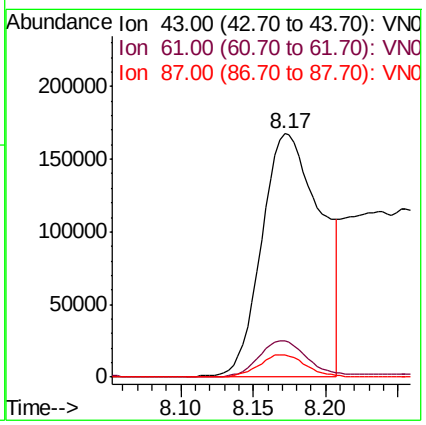


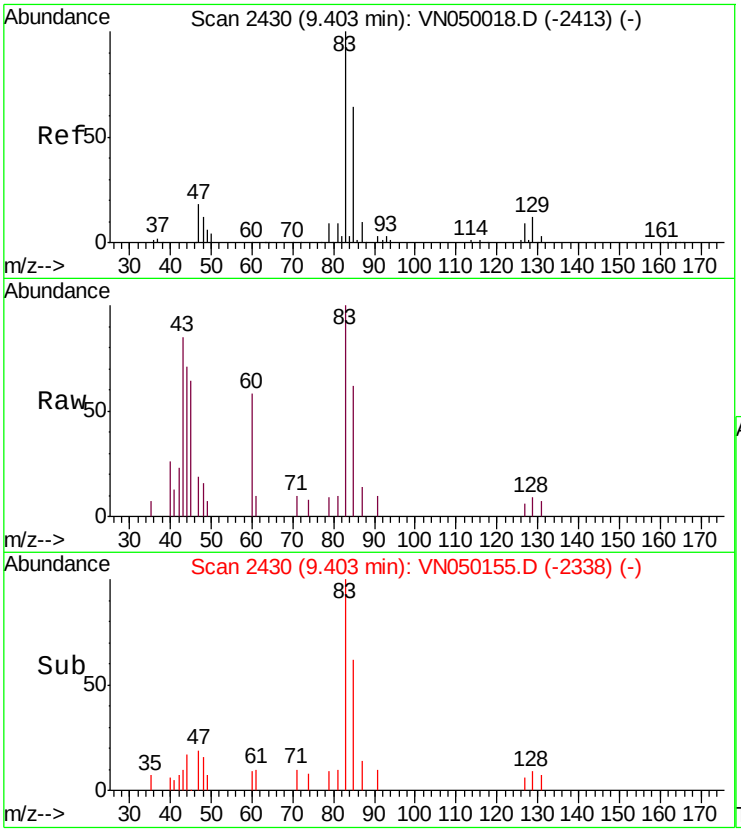


#43
Isopropyl Acetate
Concen: 29.19 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 43 Resp: 476244

Ion	Ratio	Lower	Upper
43	100		
61	12.8	15.8	23.6#
87	7.3	10.3	15.5#



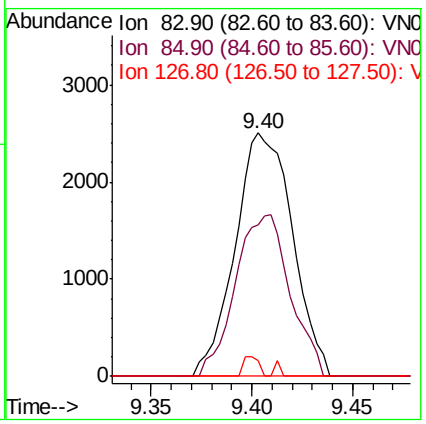


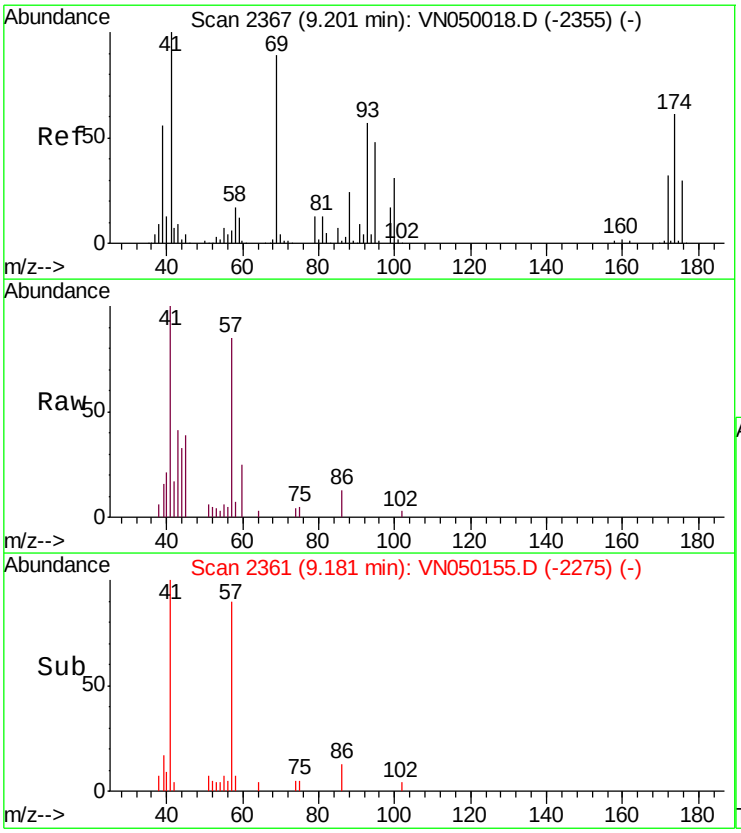
#47
Bromodichloromethane
Concen: 0.39 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion: 83 Resp: 4982

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.1	76.7
127	6.2	7.0	10.4#

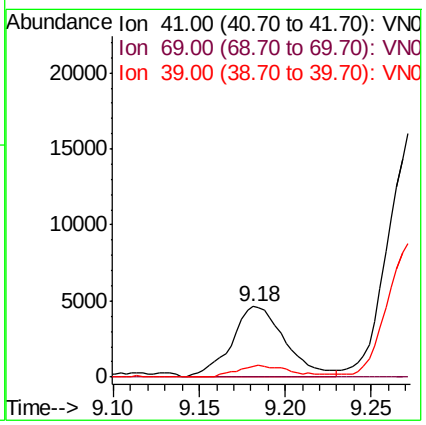


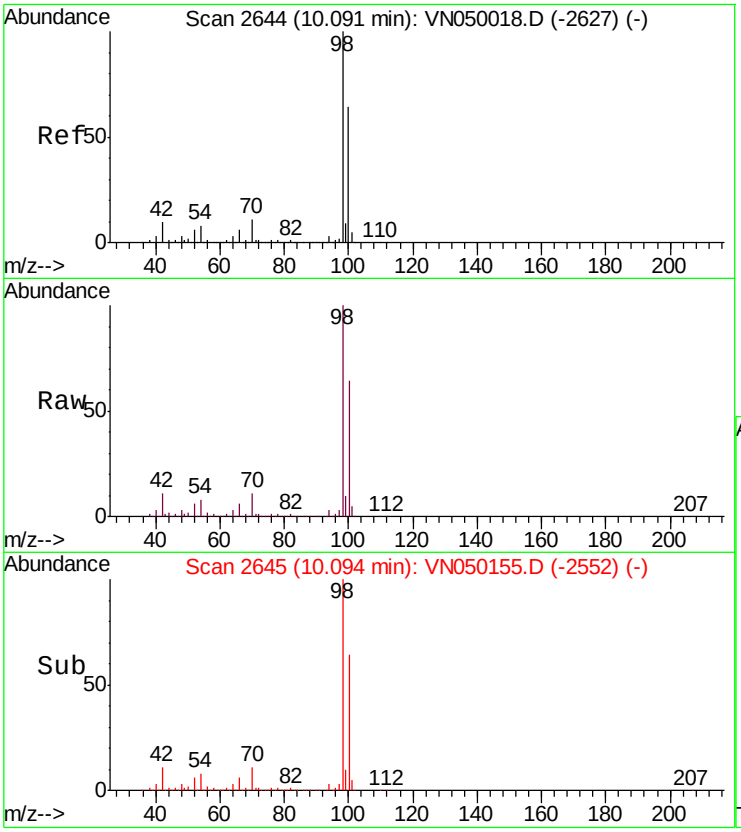


#48
Methyl methacrylate
Concen: 1.38 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 41 Resp: 10091

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	16.6	43.9	65.9#



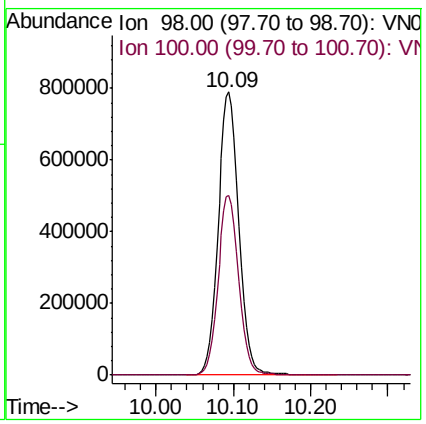


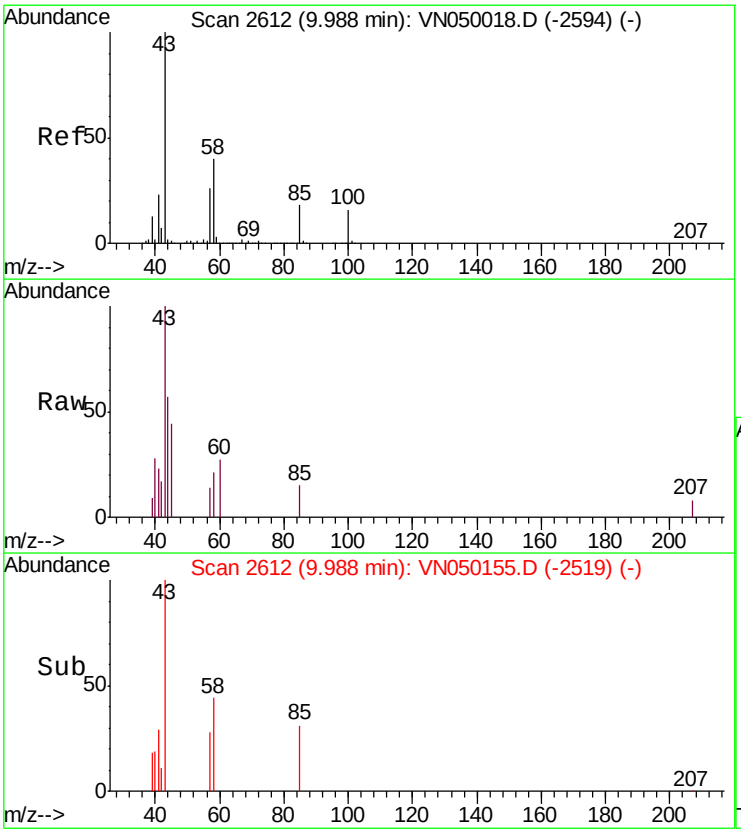
#50
Toluene-d8
Concen: 45.11 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tgt Ion: 98 Resp: 1468648

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1

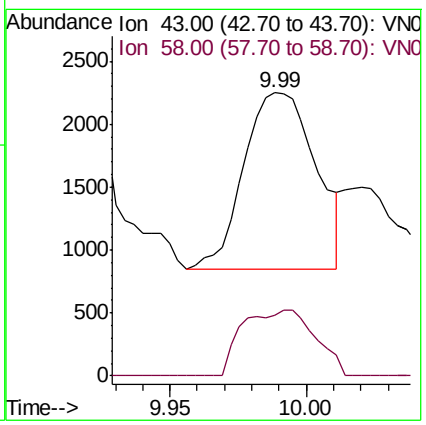


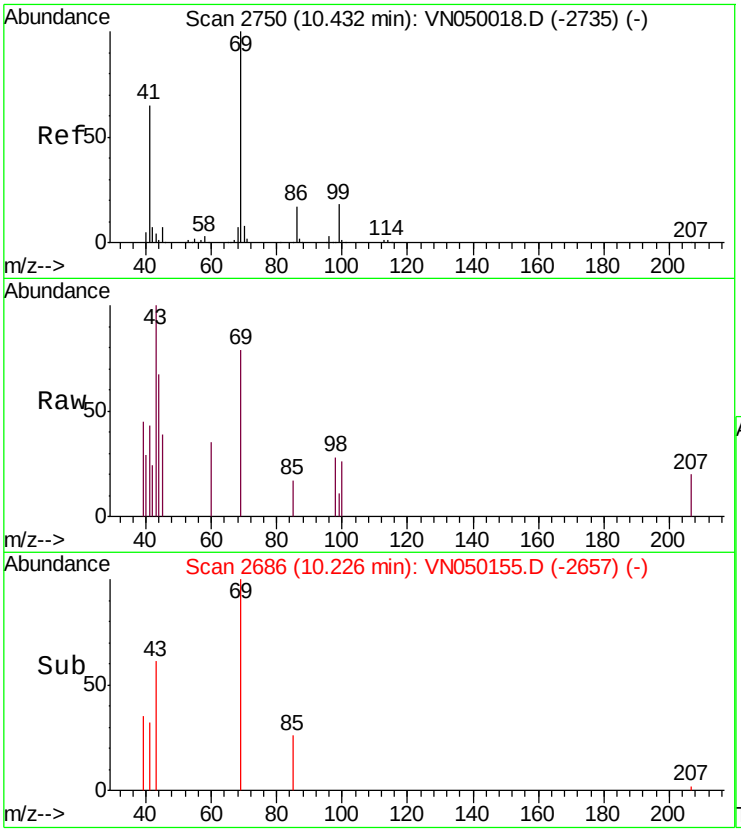


#51
4-Methyl-2-Pentanone
Concen: 0.31 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 43 Resp: 2562

Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.9	47.9



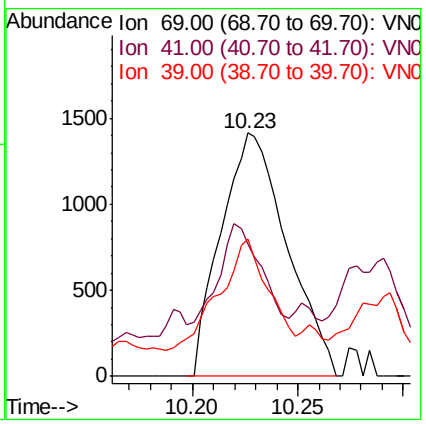


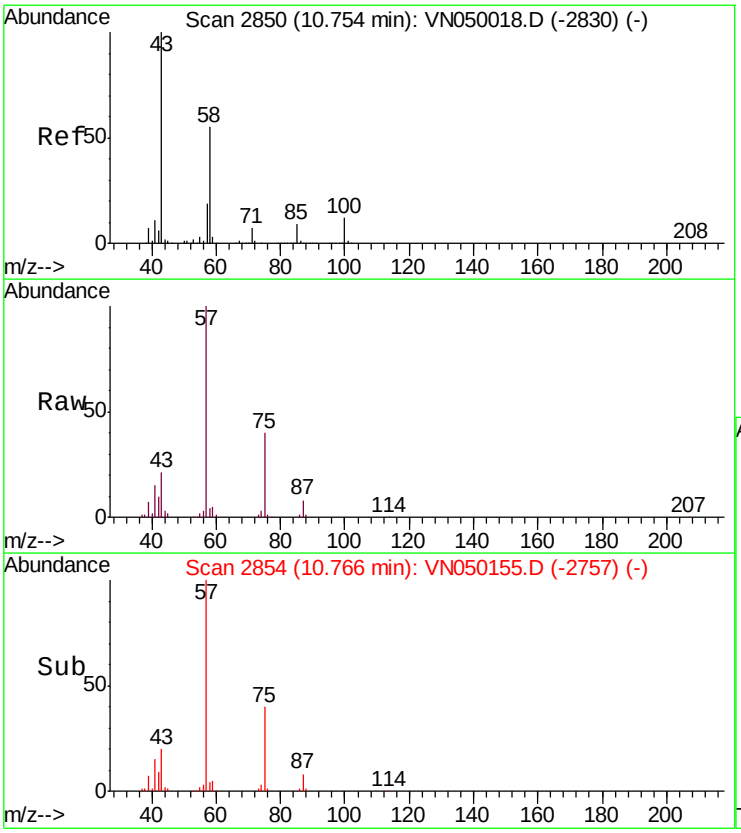
#56
Ethyl methacrylate
Concen: 2.28 ug/l
RT: 10.23 min Scan# 2686
Delta R.T. -0.21 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion: 69 Resp: 3082

Ion	Ratio	Lower	Upper
69	100		
41	23.7	51.0	76.4#
39	33.7	26.6	40.0

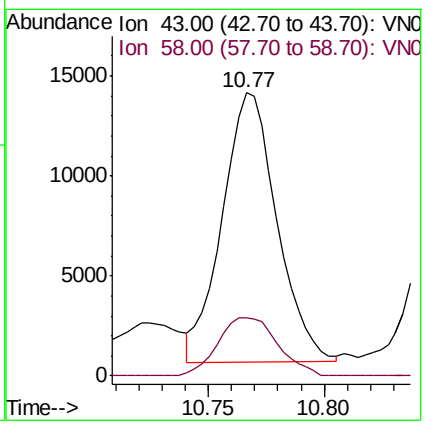


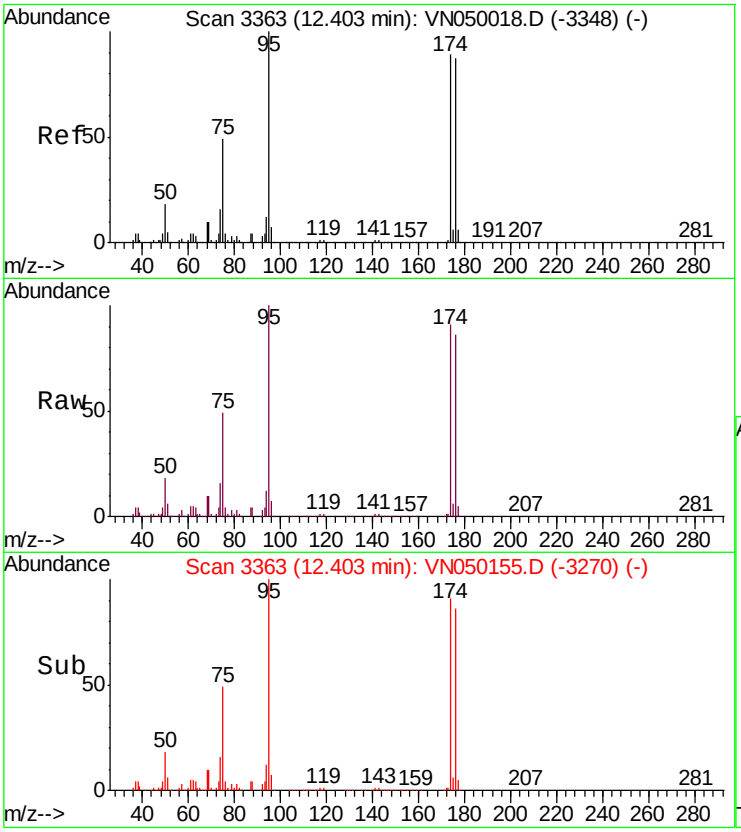


#59
2-Hexanone
Concen: 8.69 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 43 Resp: 22116

Ion	Ratio	Lower	Upper
43	100		
58	23.7	27.6	82.7#



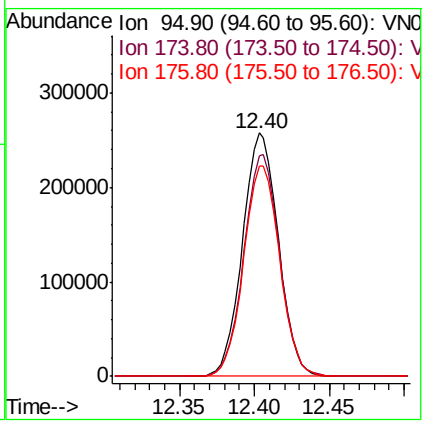


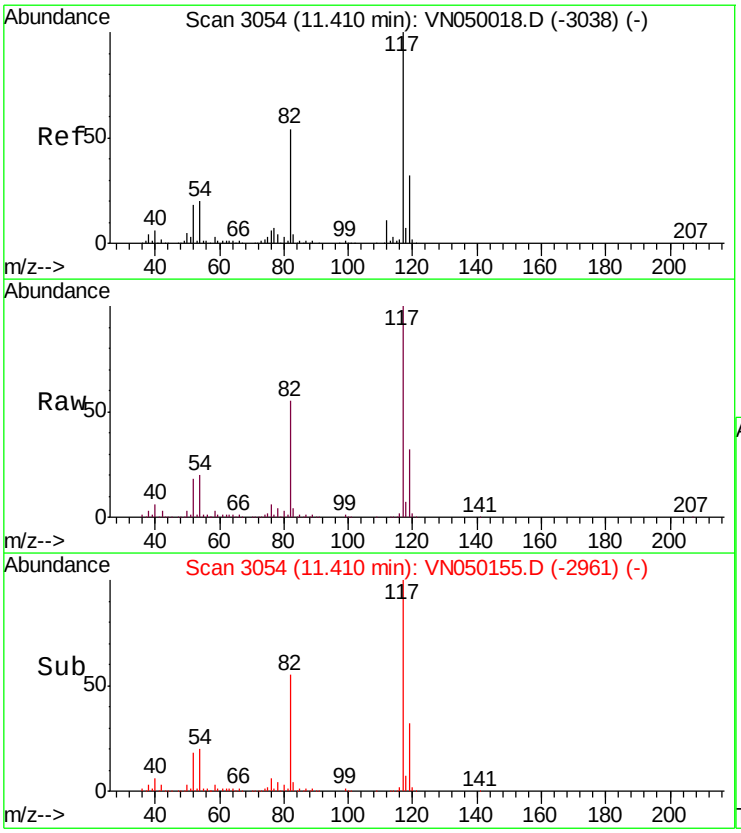
#62
4-Bromofluorobenzene
Concen: 40.05 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tgt Ion: 95 Resp: 429321

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	178.2
176	87.2	0.0	173.4

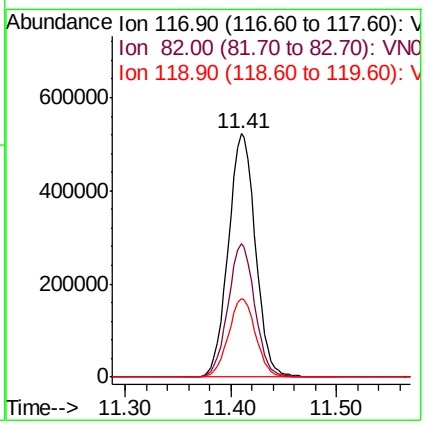


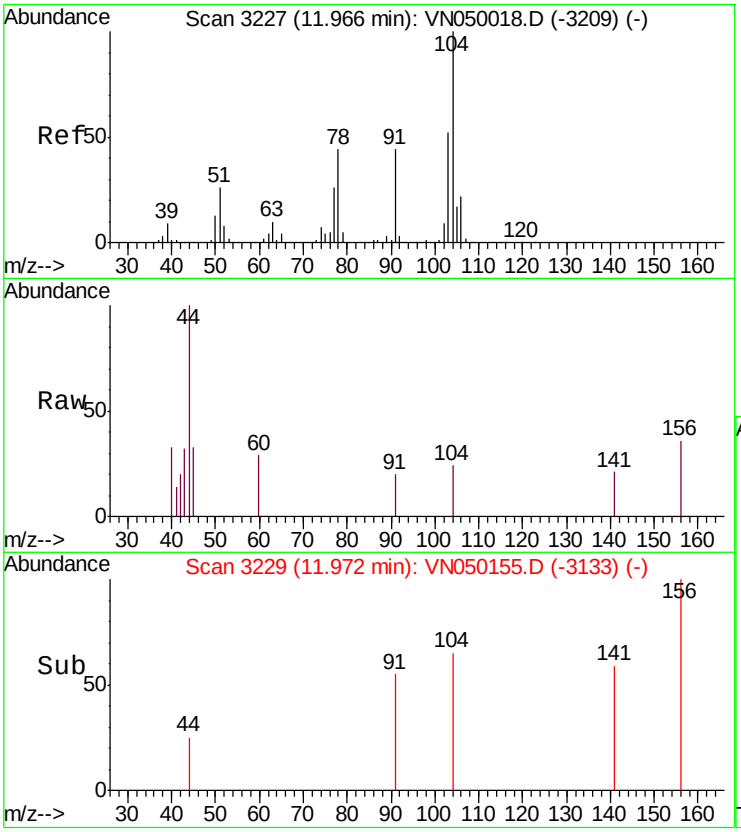


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion:117 Resp: 927382

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.7	65.5
119	32.3	26.1	39.1



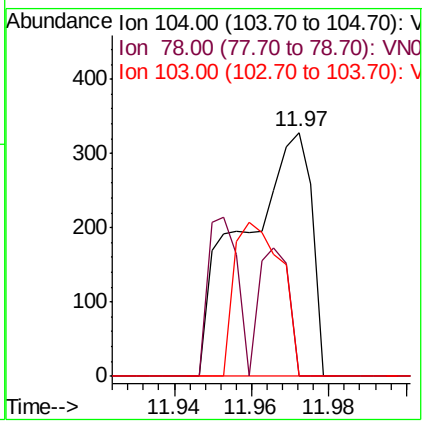


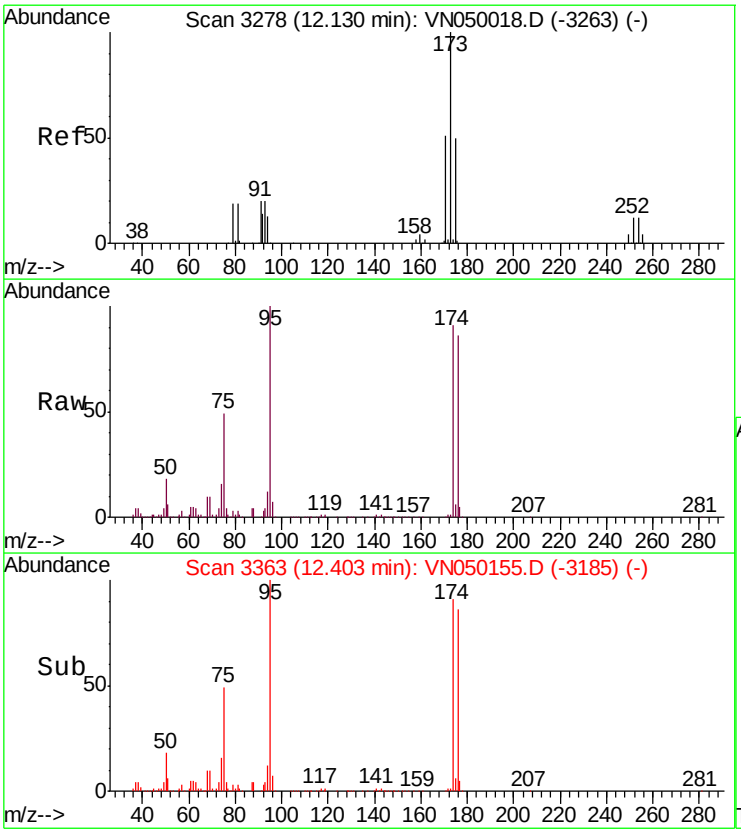
#70
Stvrene
Concen: 0.94 ug/l
RT: 11.97 min Scan# 3229
Delta R.T. 0.01 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion:104 Resp: 404

Ion	Ratio	Lower	Upper
104	100		
78	23.0	39.3	58.9#
103	42.8	45.0	67.6#

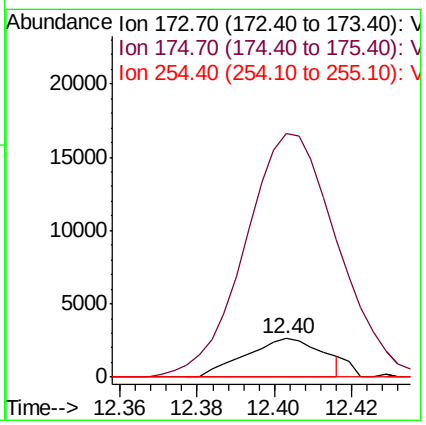


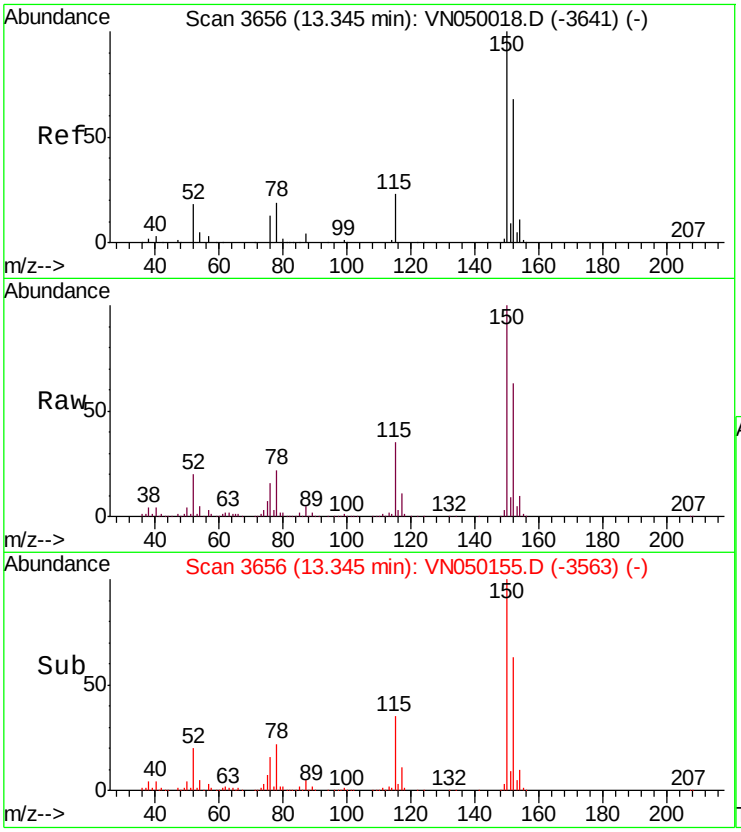


#71
Bromoform
Concen: 0.55 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion:173 Resp: 3610

Ion	Ratio	Lower	Upper
173	100		
175	669.1	24.1	72.2#
254	0.0	0.2	0.2#



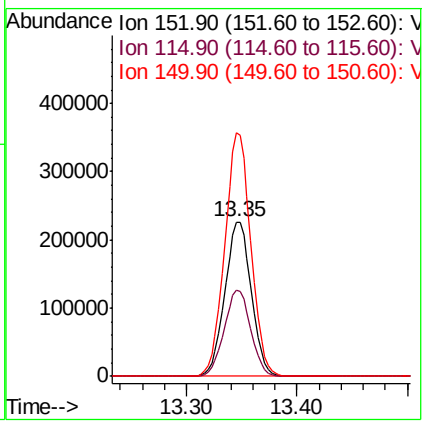


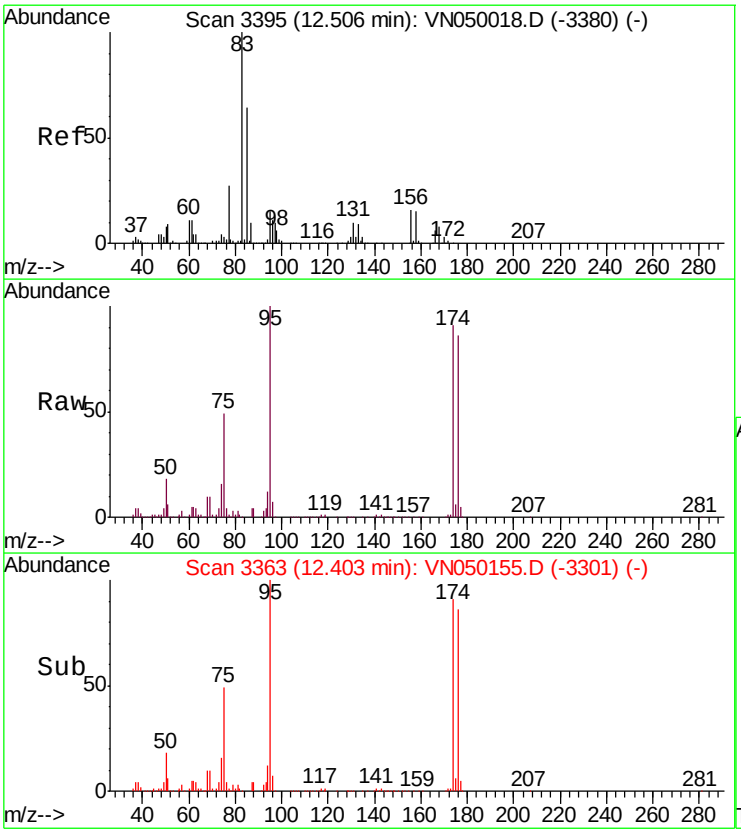
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion:152 Resp: 374713

Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.8	83.3
150	155.2	0.0	348.6

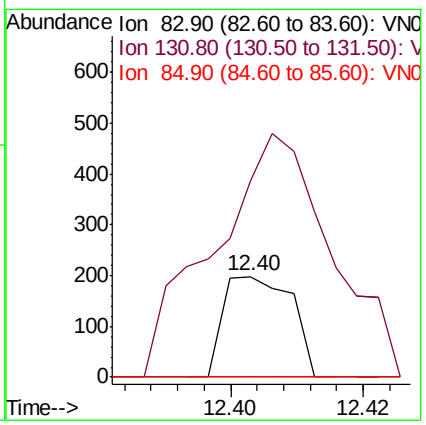


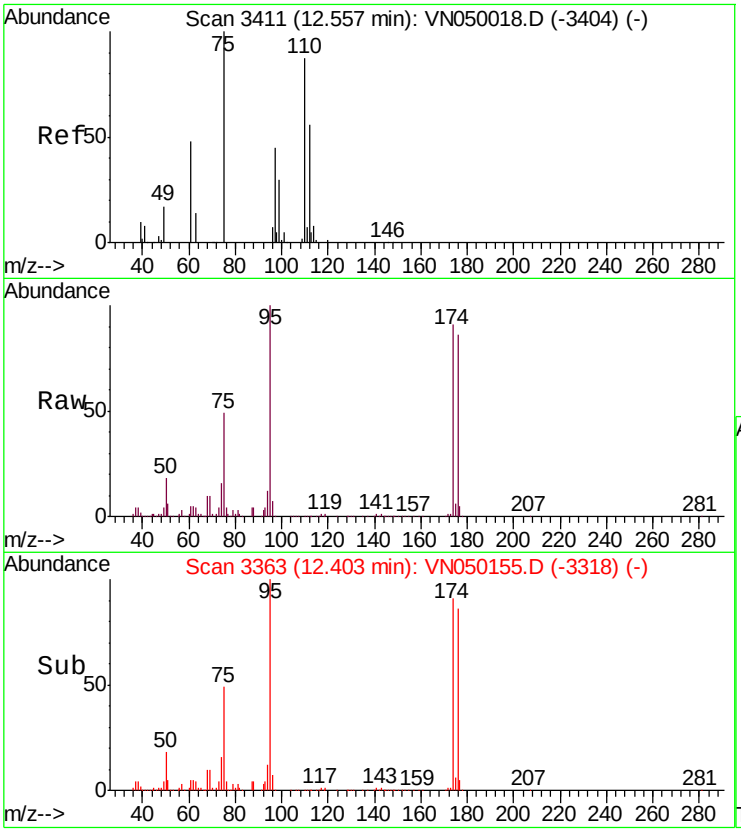


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3363
Delta R.T. -0.10 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 83 Resp: 142

Ion	Ratio	Lower	Upper
83	100		
131	417.6	5.1	15.3#
85	0.0	32.3	96.8#



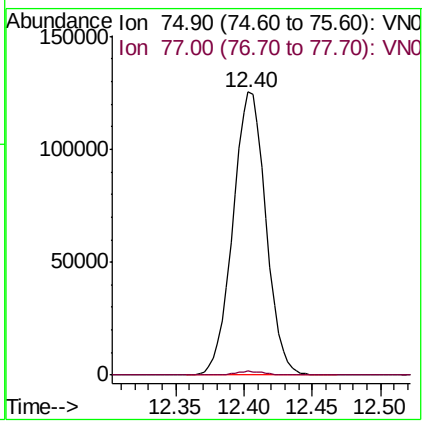


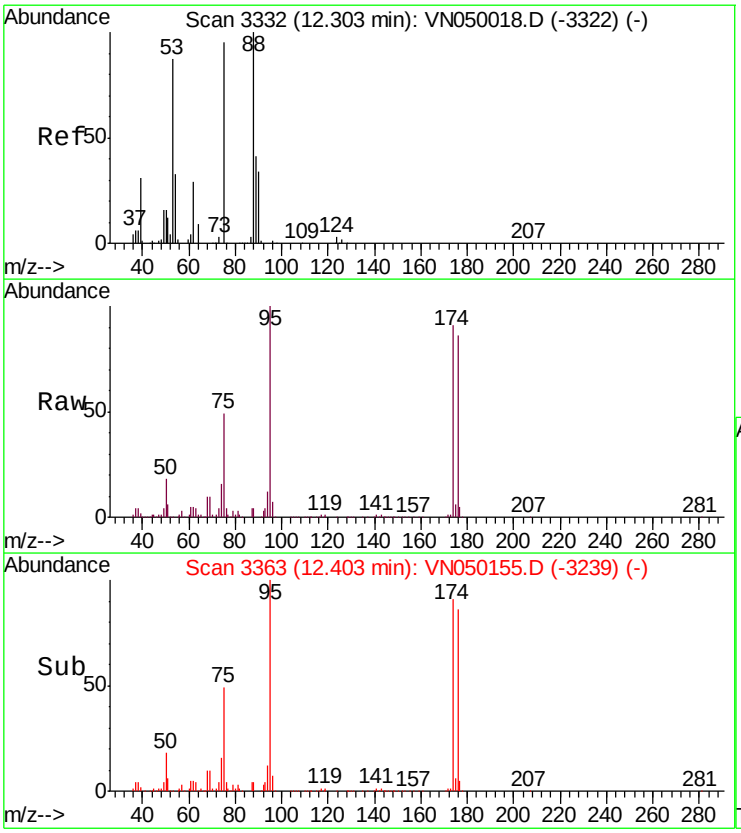
#76
1,2,3-Trichloropropane
Concen: 30.16 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tgt Ion: 75 Resp: 210047

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

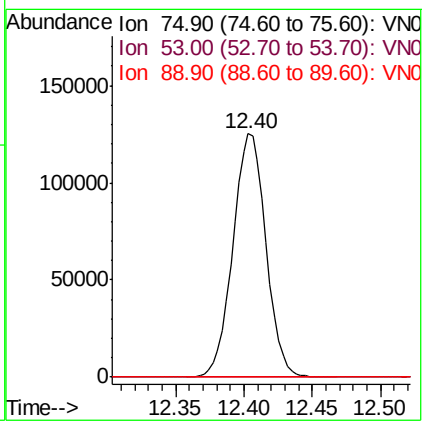


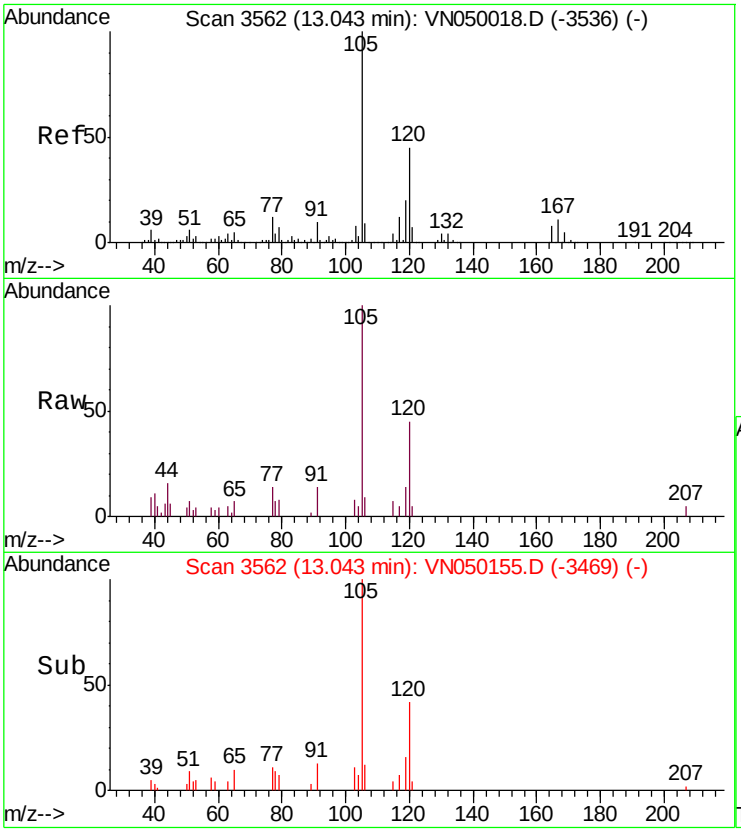


#81
trans-1,4-Dichloro-2-butene
Concen: 95.67 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 75 Resp: 210047

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.5	110.3#
89	0.0	36.0	54.0#



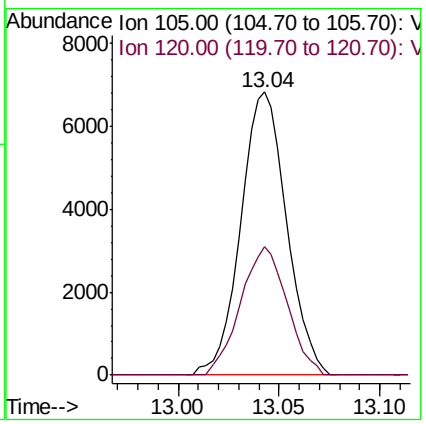


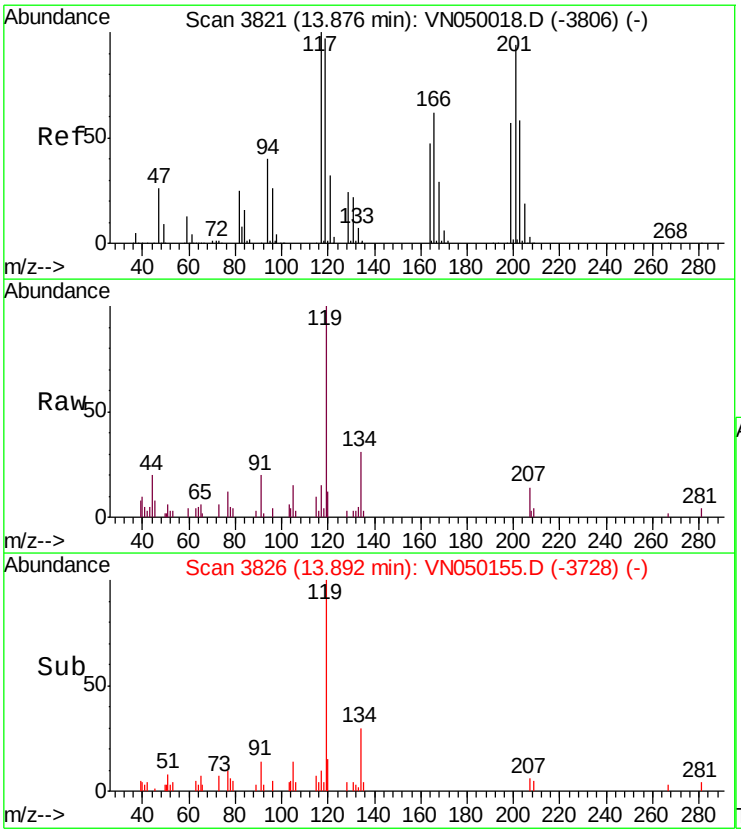
#84
1,2,4-Trimethylbenzene
Concen: 0.47 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tgt Ion:105 Resp: 10839

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.7

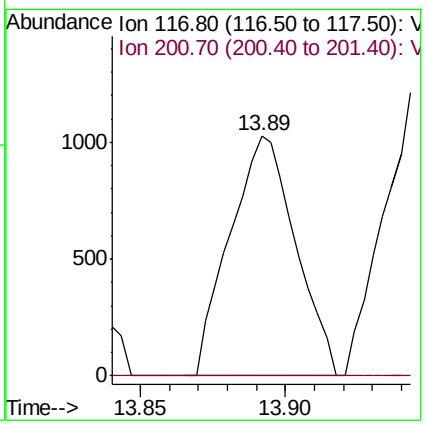


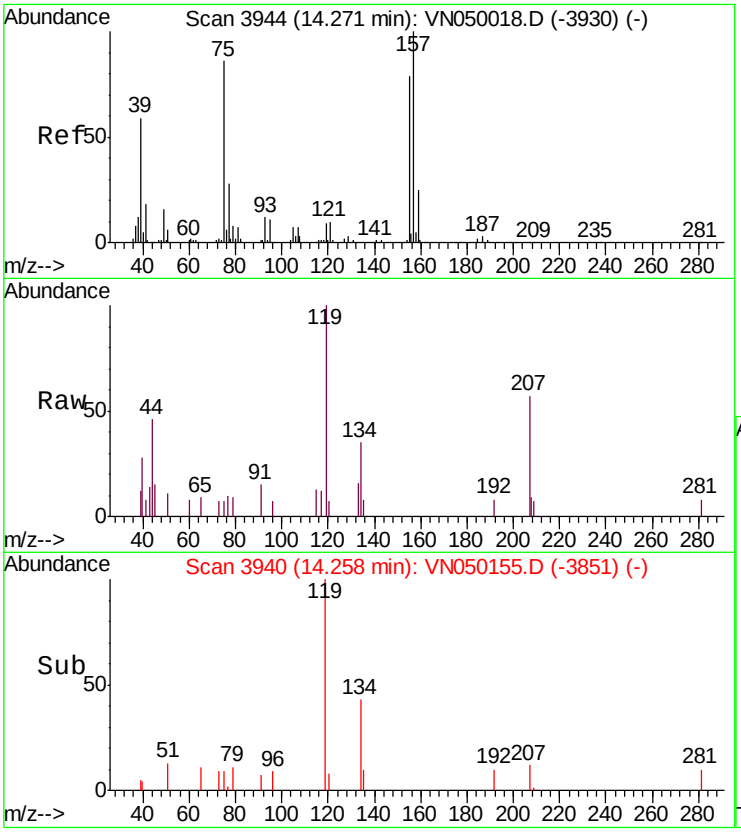


#90
Hexachloroethane
Concen: 0.32 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion:117 Resp: 1612

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.6	136.8#



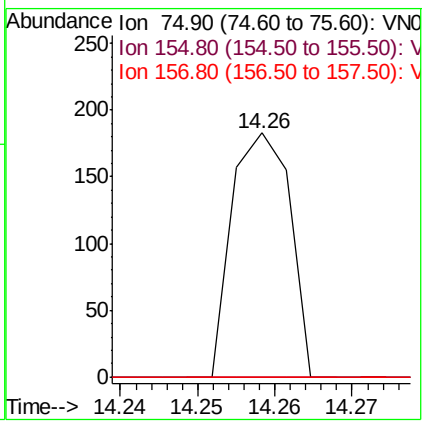


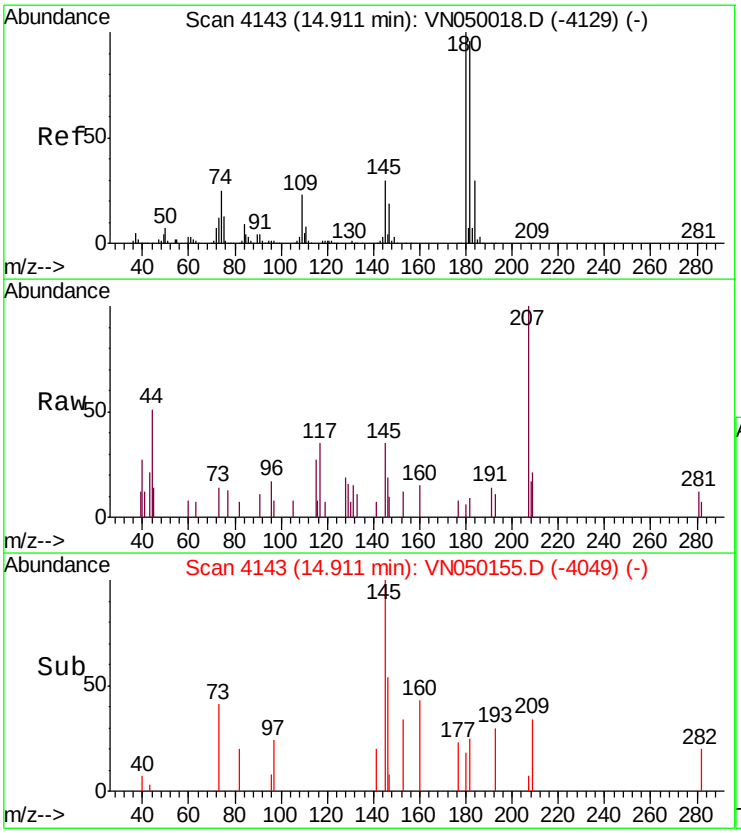
#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.26 min Scan# 3940
Delta R.T. -0.01 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument : MSVOA_N
ClientSampleId : TP-12-S

Tgt Ion: 75 Resp: 96

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

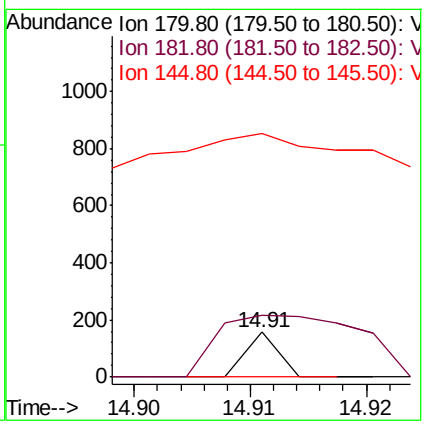


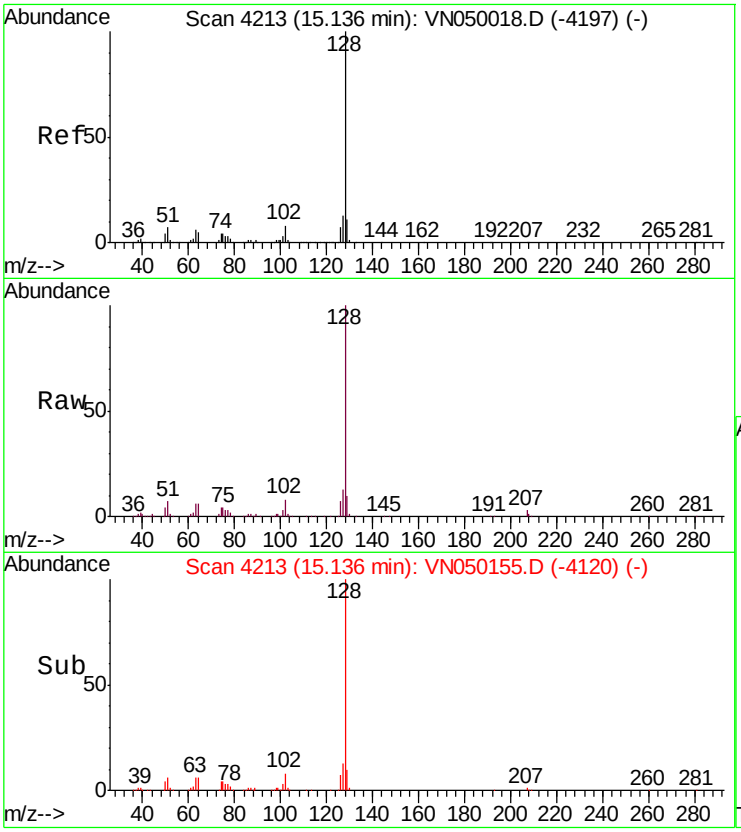


#93
1,2,4-Trichlorobenzene
Concen: 3.09 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion:180 Resp: 30

Ion	Ratio	Lower	Upper
180	100		
182	616.7	46.7	140.1#
145	0.0	13.8	41.4#





#95
Naphthalene
Concen: 16.14 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tgt Ion:128 Resp: 220144

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.5	8.8	13.2