Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081018\
Data File : VN050543.D
Acq On : 11 Aug 2018 2:31
Operator : MD\SY
Sample : J4272-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JC-03-080918-A

Quant Time: Aug 11 05:01:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	592009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	991752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	852076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	417467	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.56%			
35) Dibromofluoromethane	7.59	113	381618	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.92%			
50) Toluene-d8	10.09	98	1354247	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.52%			
62) 4-Bromofluorobenzene	12.40	95	379550	37.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.44%			
Target Compounds						Qvalue
3) Chloromethane	2.06	50	2936	Below Cal		98
5) Bromomethane	2.57	94	4081	1.16	ug/l	83
10) Methyl Iodide	3.95	142	1324	0.44	ug/l #	62
11) Tert butyl alcohol	4.80	59	304	0.48	ug/l #	72
13) Acrolein	3.62	56	98	15.14	ug/l #	15
16) Acetone	3.83	43	21382	8.72	ug/l	98
18) Methyl Acetate	4.33	43	17106	2.61	ug/l	98
20) Methylene Chloride	4.55	84	34062	3.27	ug/l	98
25) 2-Butanone	6.84	43	1636	0.42	ug/l	96
29) Tetrahydrofuran	7.22	42	1171	0.56	ug/l	96
30) Chloroform	7.38	83	8489	0.66	ug/l	100
31) Cyclohexane	7.67	56	11693	0.41	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40929	3.76	ug/l #	48
38) Carbon Tetrachloride	7.67	117	54138	4.76	ug/l #	17
43) Isopropyl Acetate	8.17	43	268909	19.85	ug/l	95
48) Methyl methacrylate	9.18	41	7894	1.16	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	2148	0.22	ug/l	94
56) Ethyl methacrylate	10.54	69	96	1.72	ug/l #	1
59) 2-Hexanone	10.77	43	16821	2.47	ug/l #	58
68) m/p-Xylenes	11.62	106	2717	0.21	ug/l	97
71) Bromoform	12.40	173	2733	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	185982	30.53	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5034	0.25	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	185982	107.27	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	8880	0.43	ug/l	99
90) Hexachloroethane	13.89	117	1716	0.47	ug/l #	4
95) Naphthalene	15.13	128	1648568	97.46	ug/l	100

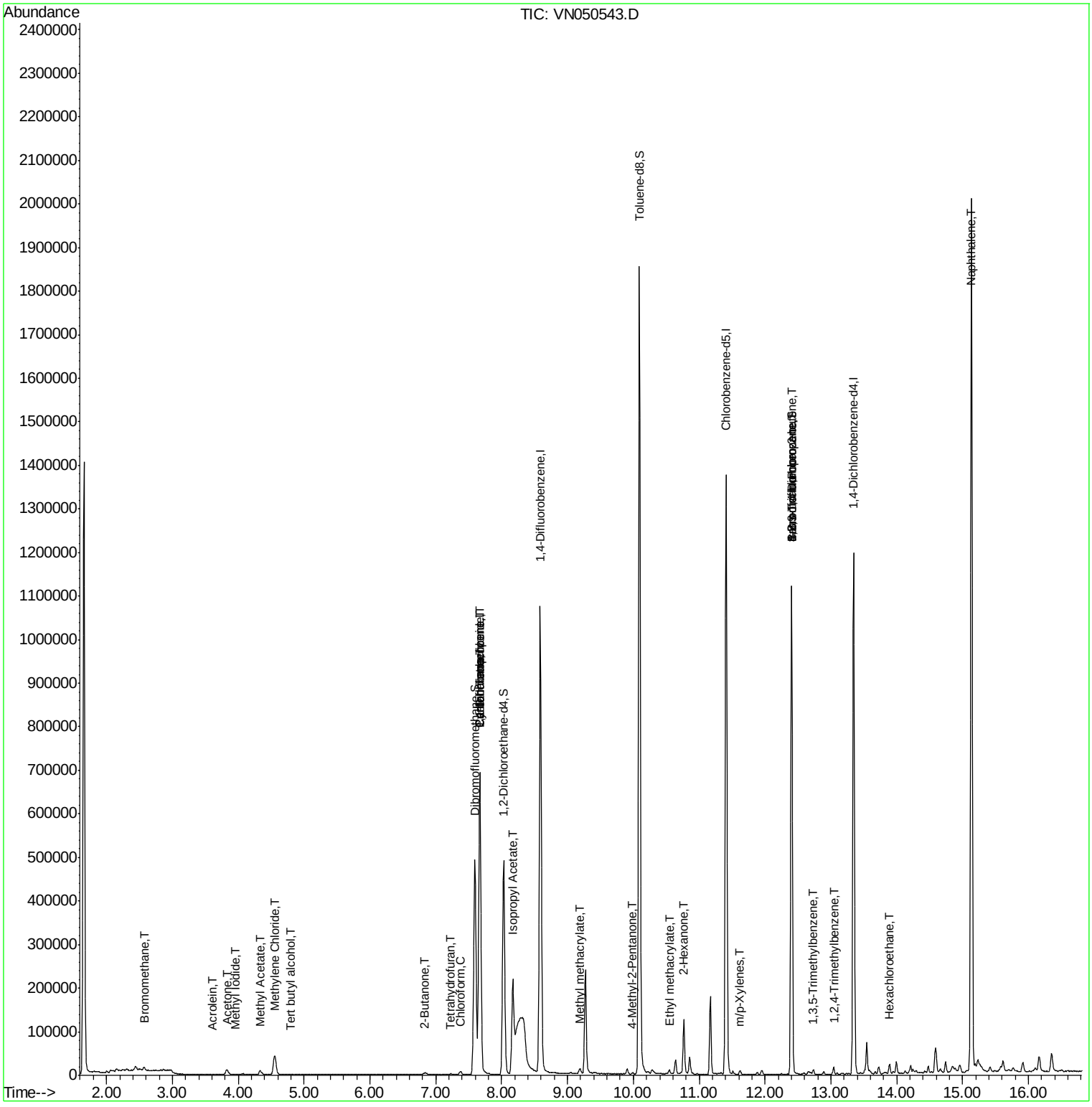
(#) = qualifier out of range (m) = manual integration (+) = signals summed

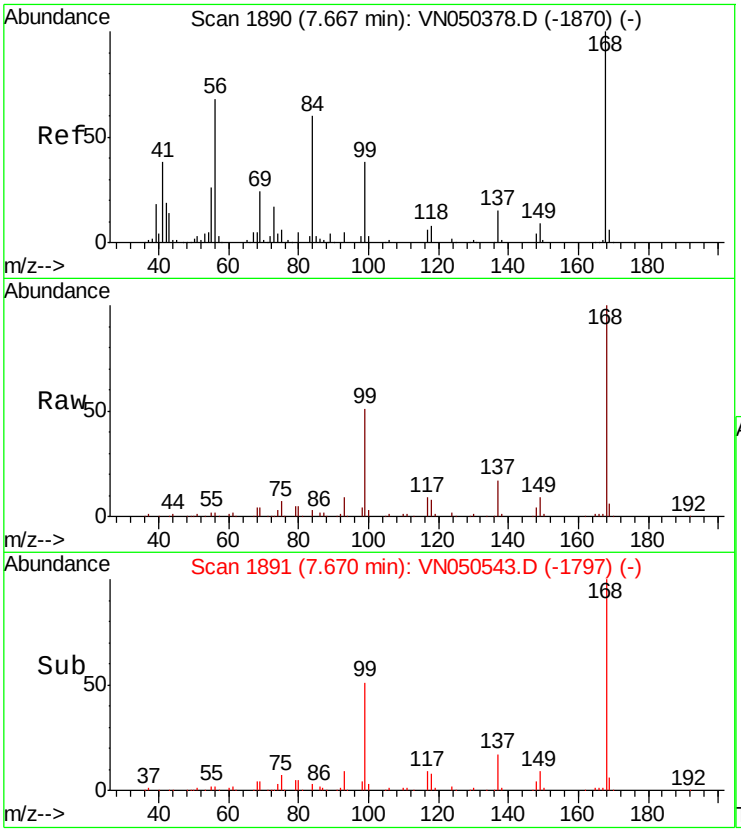
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081018\
Data File : VN050543.D
Acq On : 11 Aug 2018 2:31
Operator : MD\SY
Sample : J4272-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JC-03-080918-A

Quant Time: Aug 11 05:01:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration



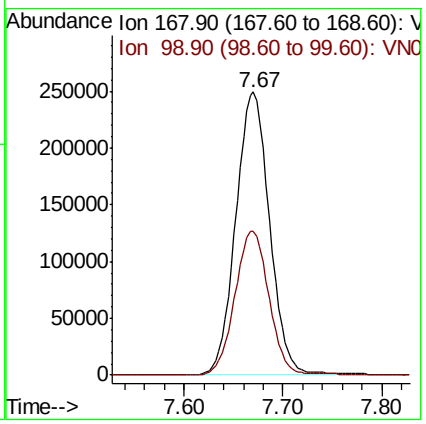


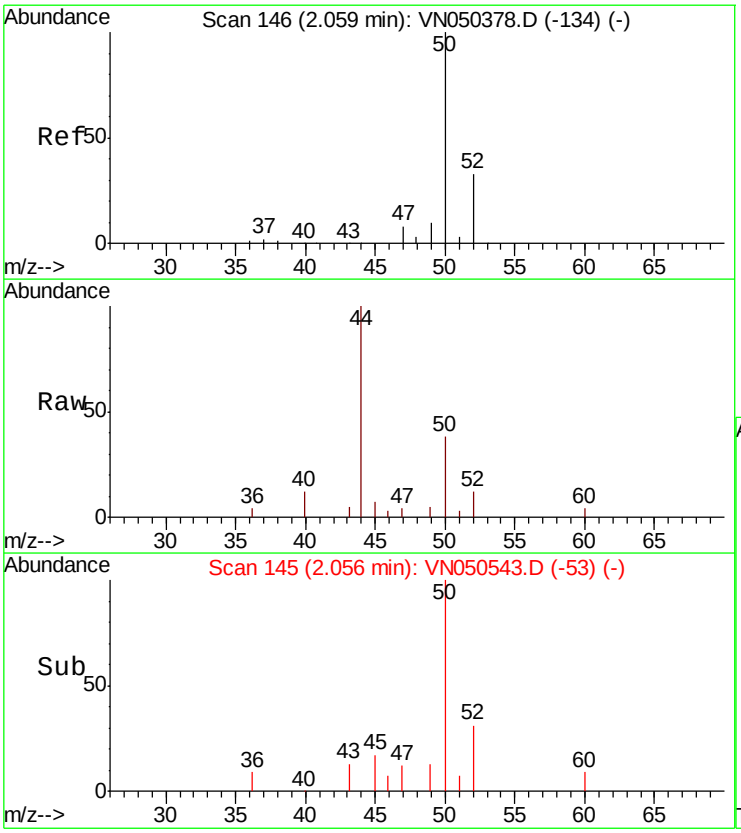
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion:168 Resp: 592009

Ion	Ratio	Lower	Upper
168	100		
99	51.0	40.0	60.0

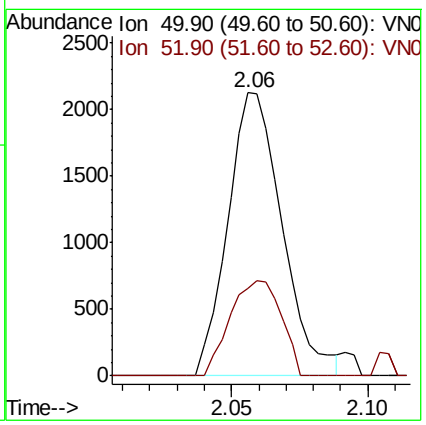


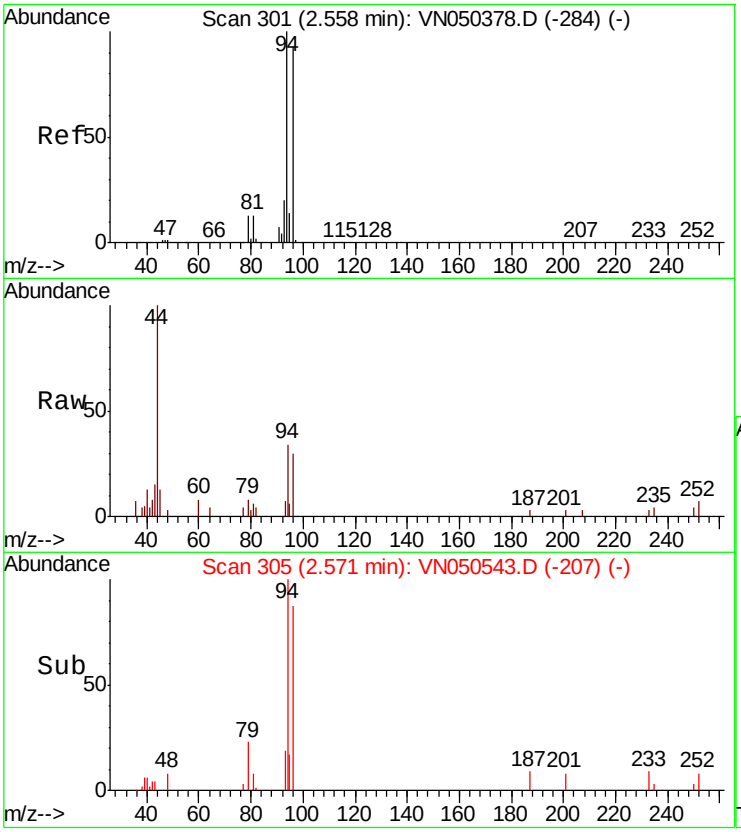


#3
Chloromethane
Concen: Below Cal
RT: 2.06 min Scan# 145
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 50 Resp: 2936

Ion	Ratio	Lower	Upper
50	100		
52	31.1	25.9	38.9



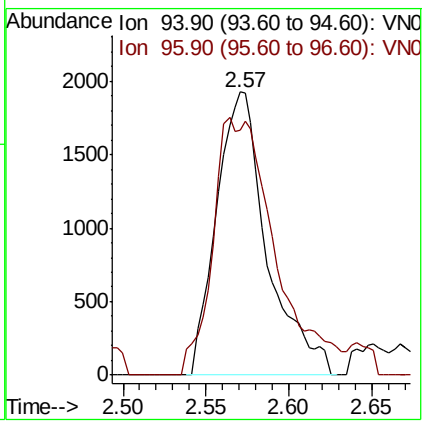


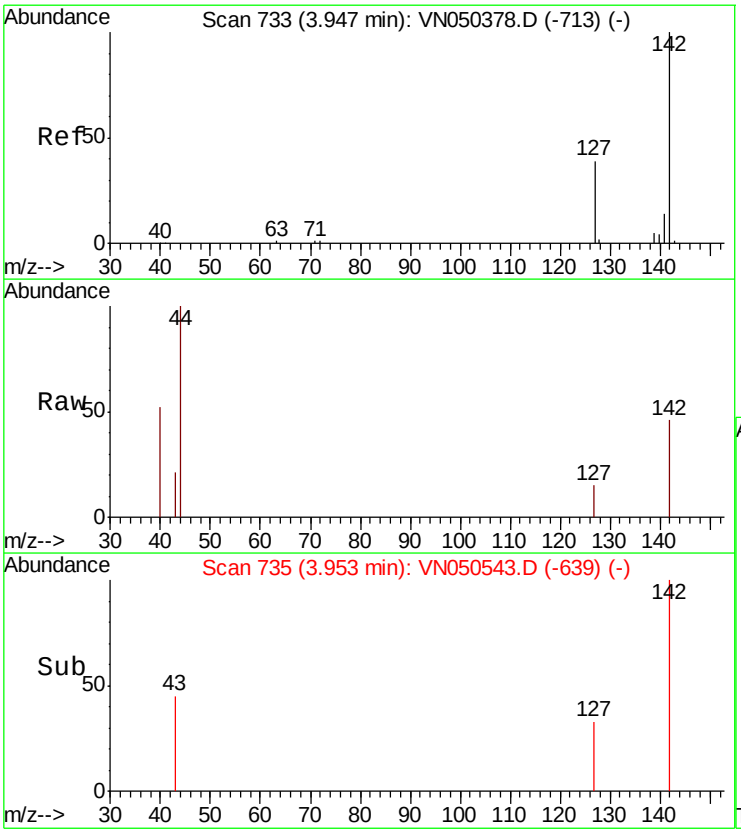
#5
Bromomethane
Concen: 1.16 ug/l
RT: 2.57 min Scan# 305
Delta R.T. 0.01 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion: 94 Resp: 4081

Ion	Ratio	Lower	Upper
94	100		
96	77.3	74.6	112.0

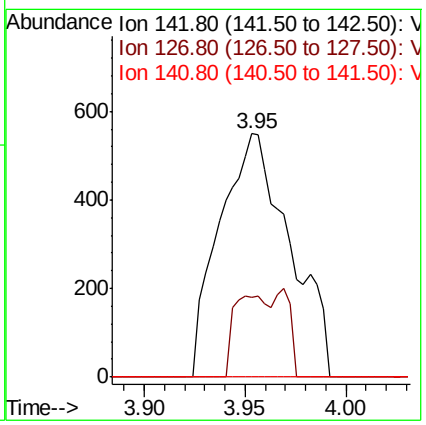


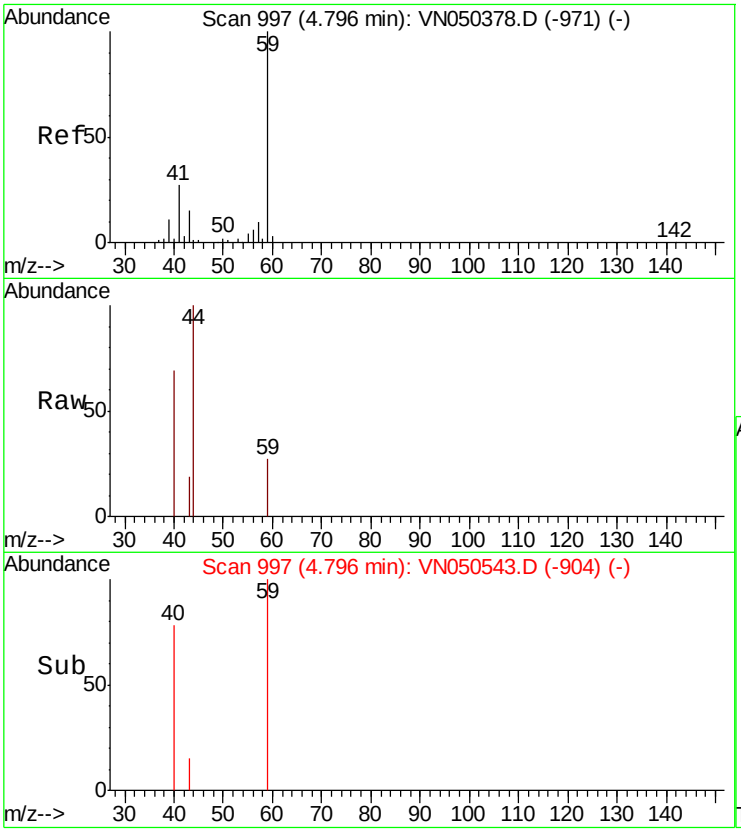


#10
Methyl Iodide
Concen: 0.44 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.01 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion:142 Resp: 1324

Ion	Ratio	Lower	Upper
142	100		
127	17.4	33.4	50.2#
141	0.0	11.6	17.4#



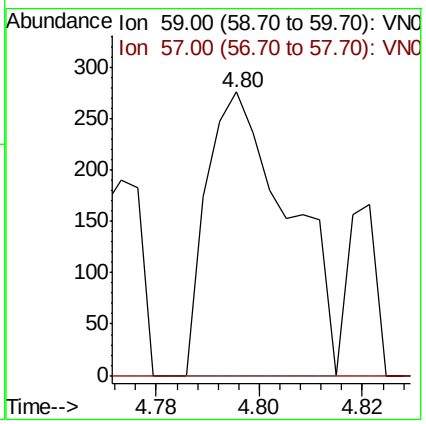


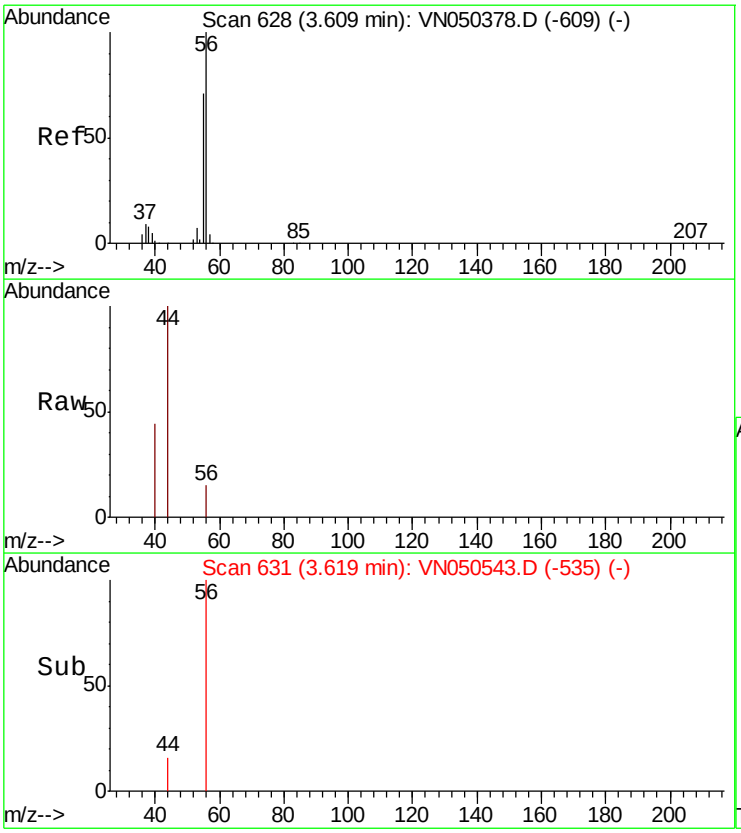
#11
Tert butyl alcohol
Concen: 0.48 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion: 59 Resp: 304

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

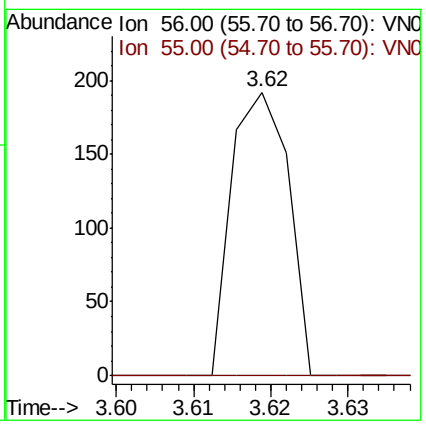


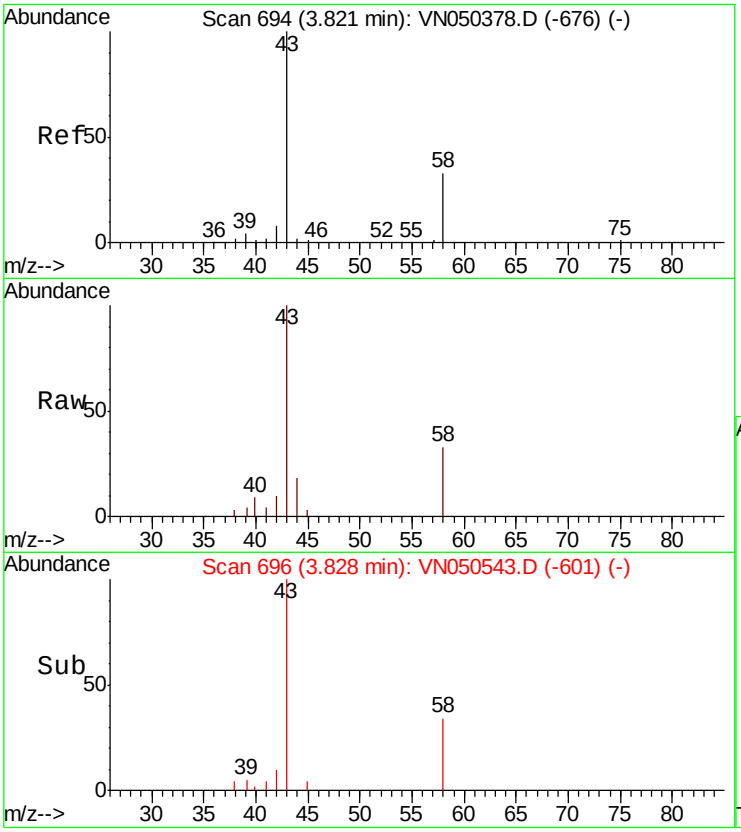


#13
Acrolein
Concen: 15.14 ug/l
RT: 3.62 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 56 Resp: 98

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.6#



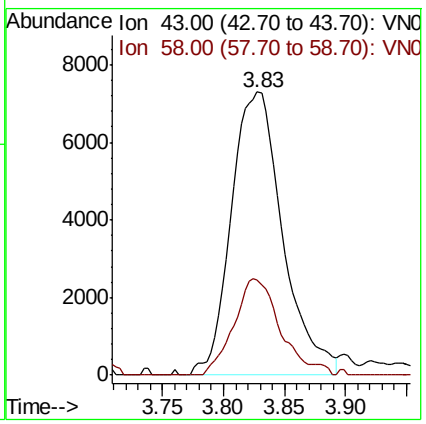


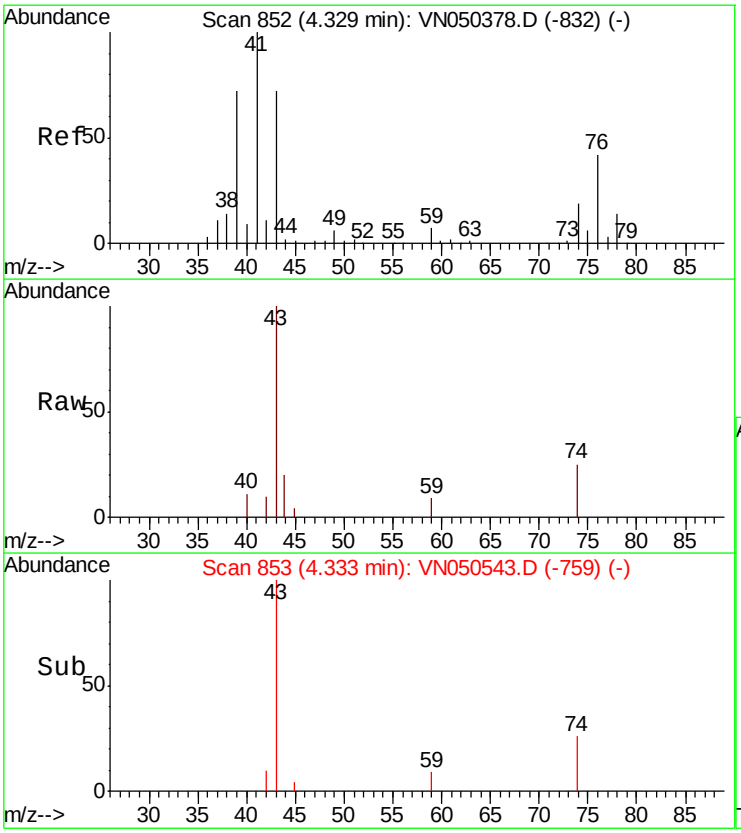
#16
Acetone
Concen: 8.72 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion: 43 Resp: 21382

Ion	Ratio	Lower	Upper
43	100		
58	33.5	25.8	38.8

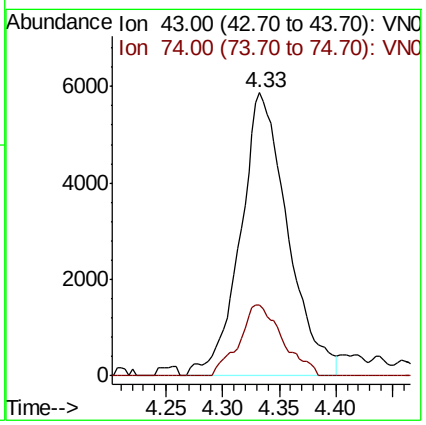


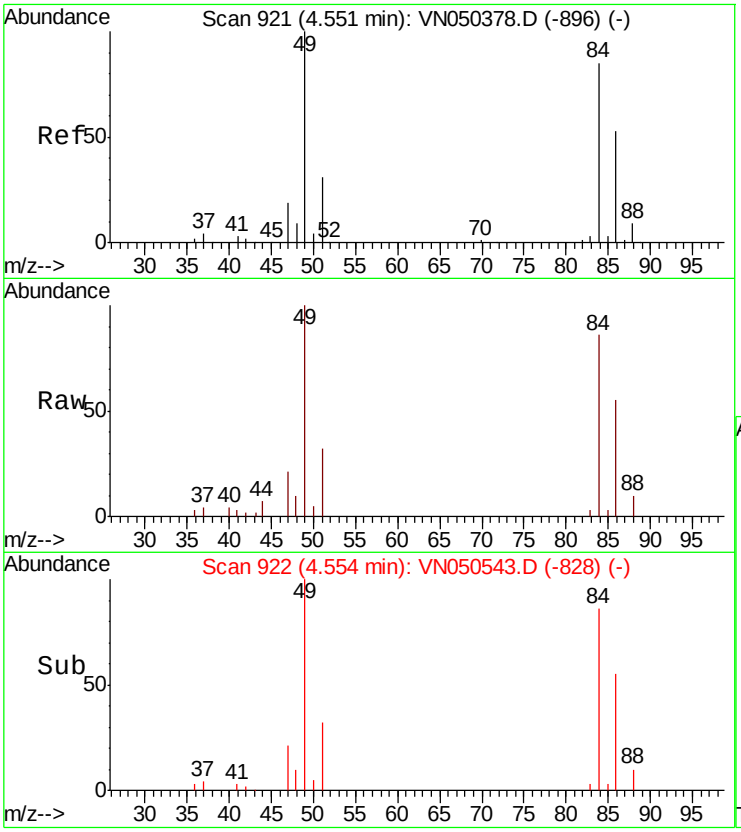


#18
Methyl Acetate
Concen: 2.61 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 43 Resp: 17106

Ion	Ratio	Lower	Upper
43	100		
74	22.9	19.2	28.8



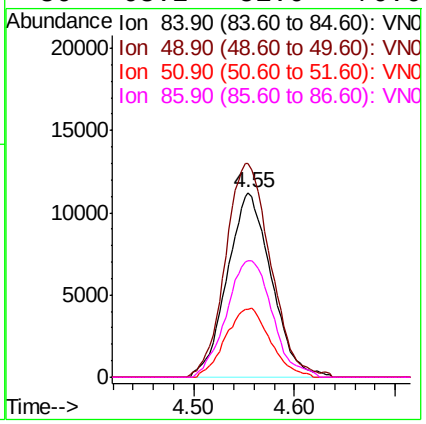


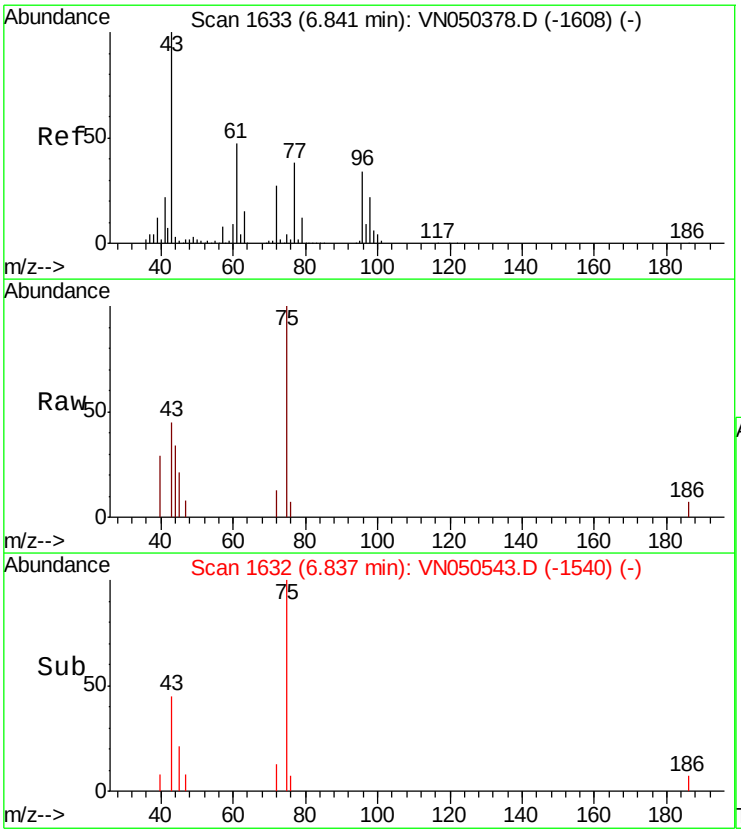
#20
Methylene Chloride
Concen: 3.27 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument : MSVOA_N
ClientSampleId : JC-03-080918-A

Tgt Ion: 84 Resp: 34062

Ion	Ratio	Lower	Upper
84	100		
49	115.8	94.8	142.2
51	37.1	28.3	42.5
86	63.2	51.0	76.6

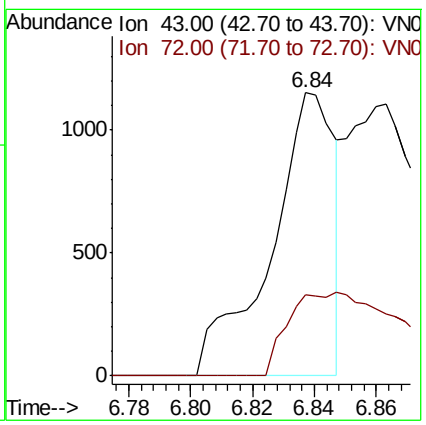


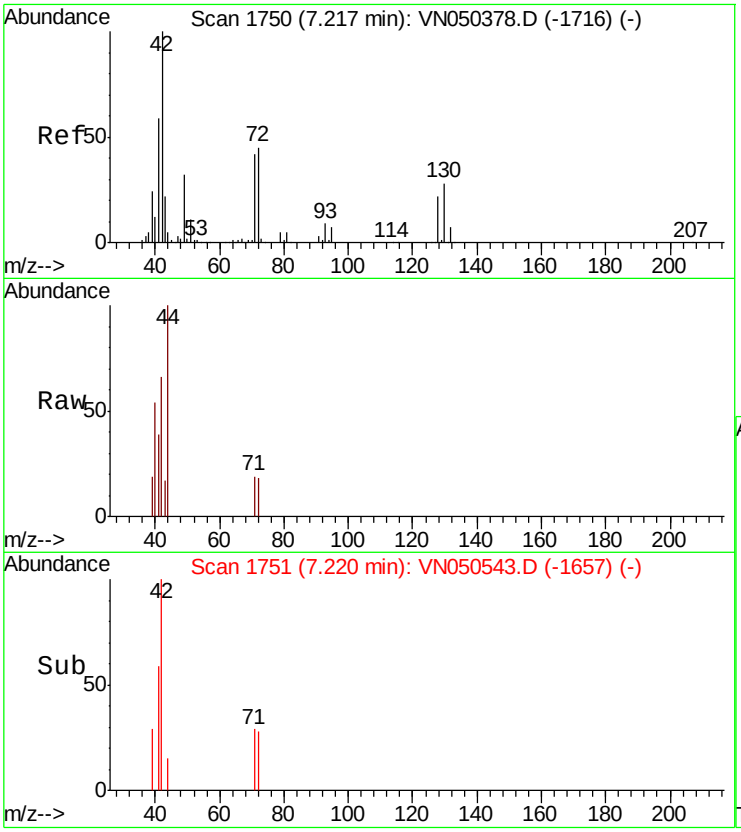


#25
2-Butanone
Concen: 0.42 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 43 Resp: 1636

Ion	Ratio	Lower	Upper
43	100		
72	28.8	21.5	32.3



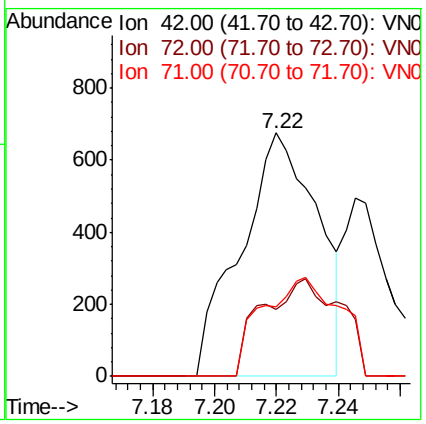


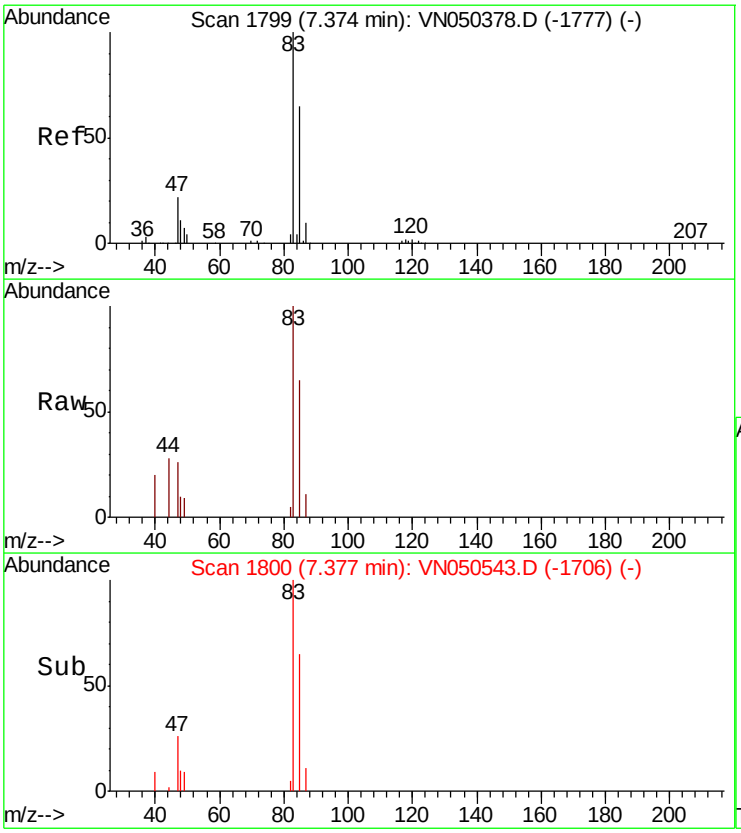
#29
Tetrahydrofuran
Concen: 0.56 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion: 42 Resp: 1171

Ion	Ratio	Lower	Upper
42	100		
72	40.5	35.9	53.9
71	41.1	33.7	50.5

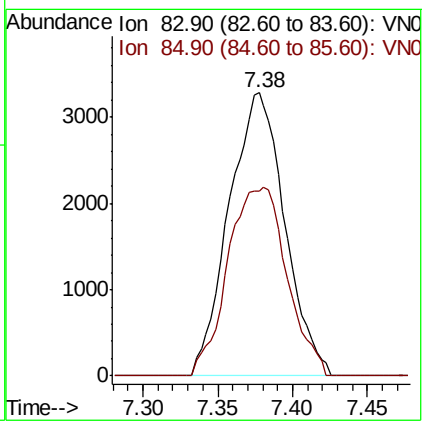


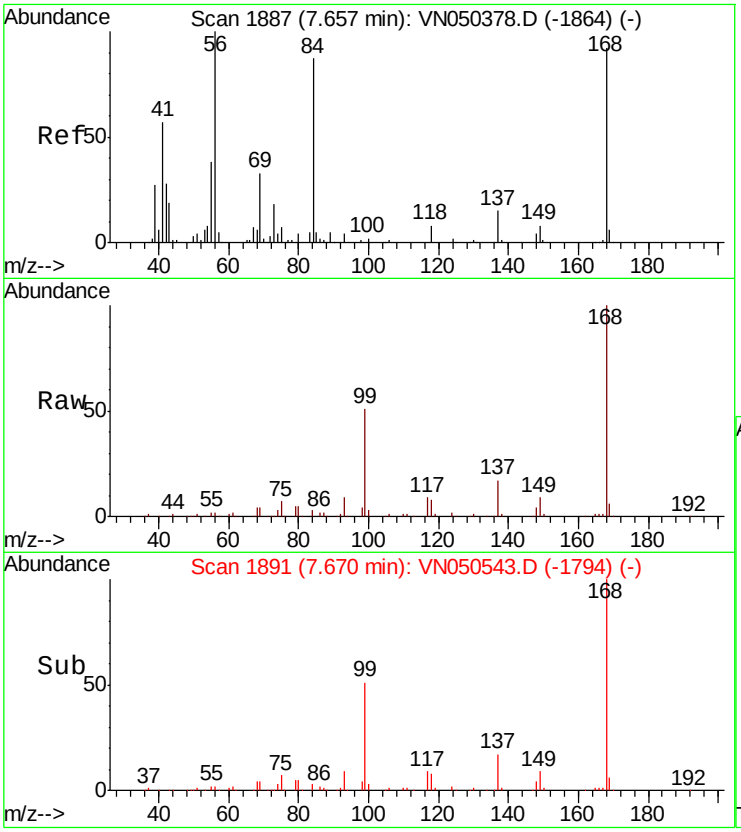


#30
Chloroform
Concen: 0.66 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 83 Resp: 8489

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7



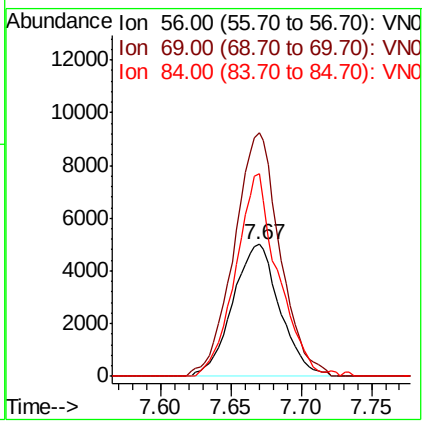


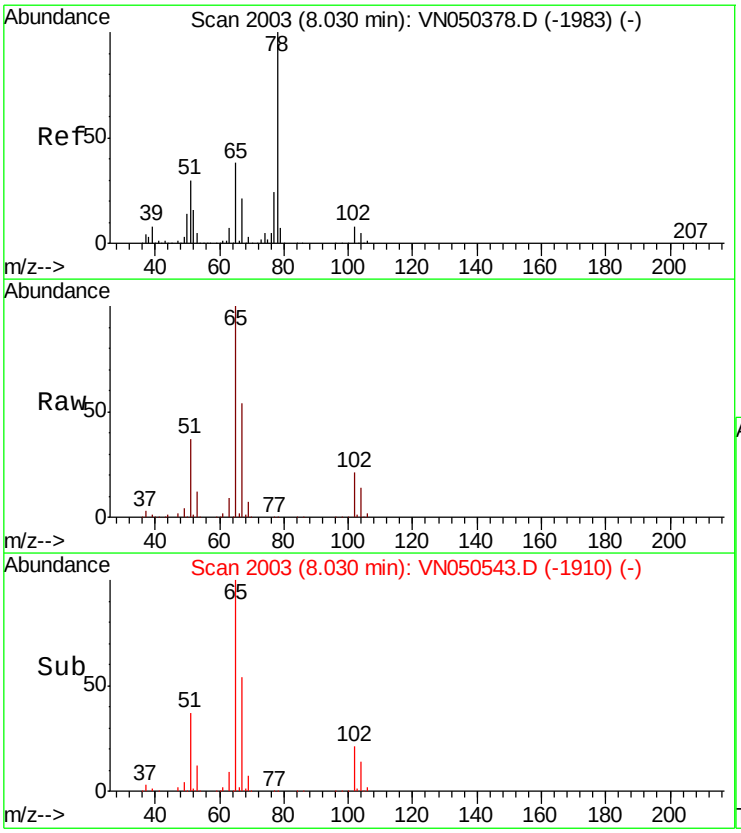
#31
Cyclohexane
Concen: 0.41 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument : MSVOA_N
ClientSampleId : JC-03-080918-A

Tgt Ion: 56 Resp: 11693

Ion	Ratio	Lower	Upper
56	100		
69	184.6	26.2	39.4#
84	154.0	67.4	101.0#

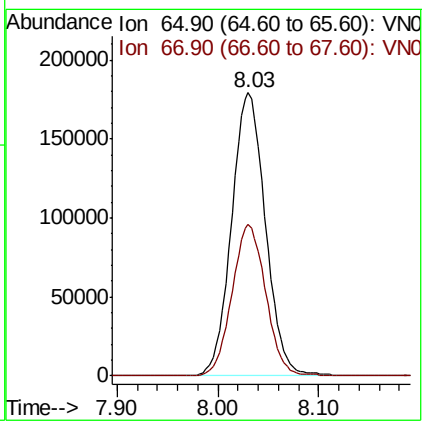


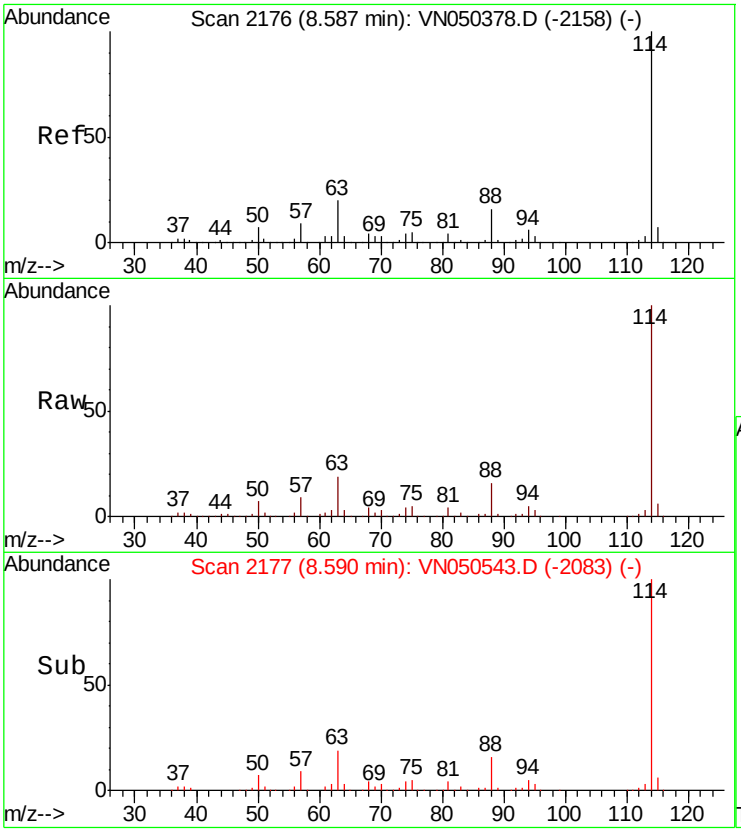


#33
1,2-Dichloroethane-d4
Concen: 52.78 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 65 Resp: 417467

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.4



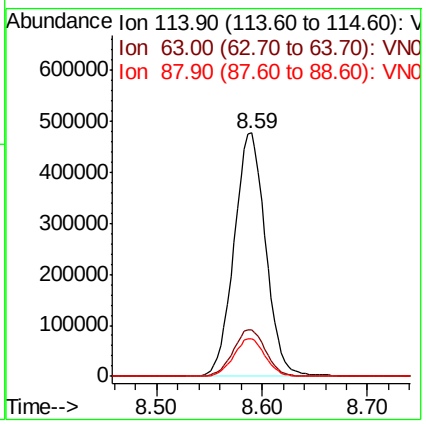


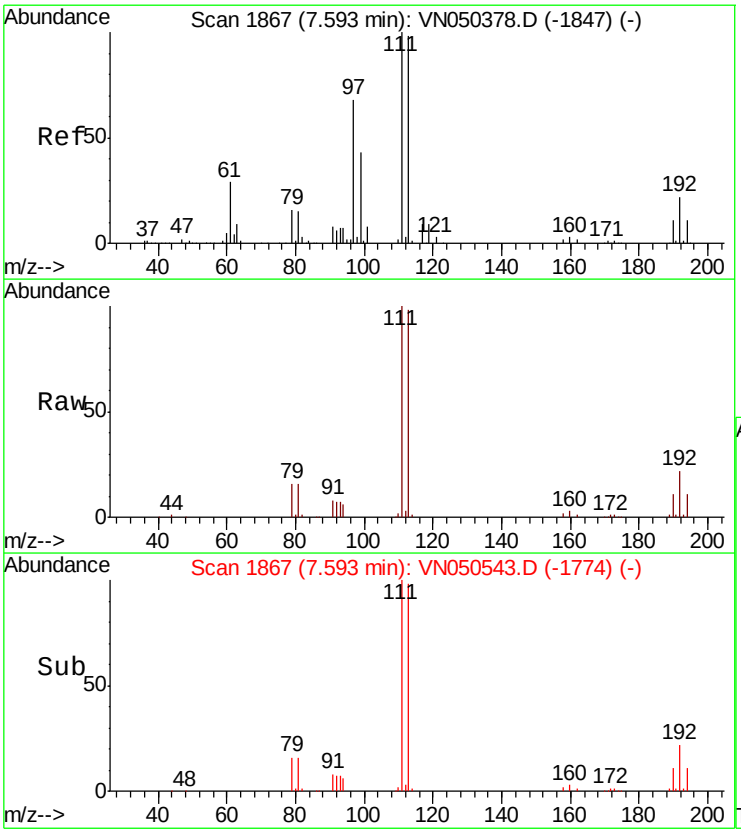
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion:114 Resp: 991752

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.0
88	15.5	0.0	31.2

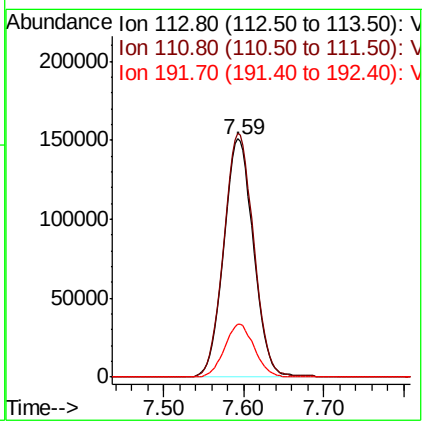


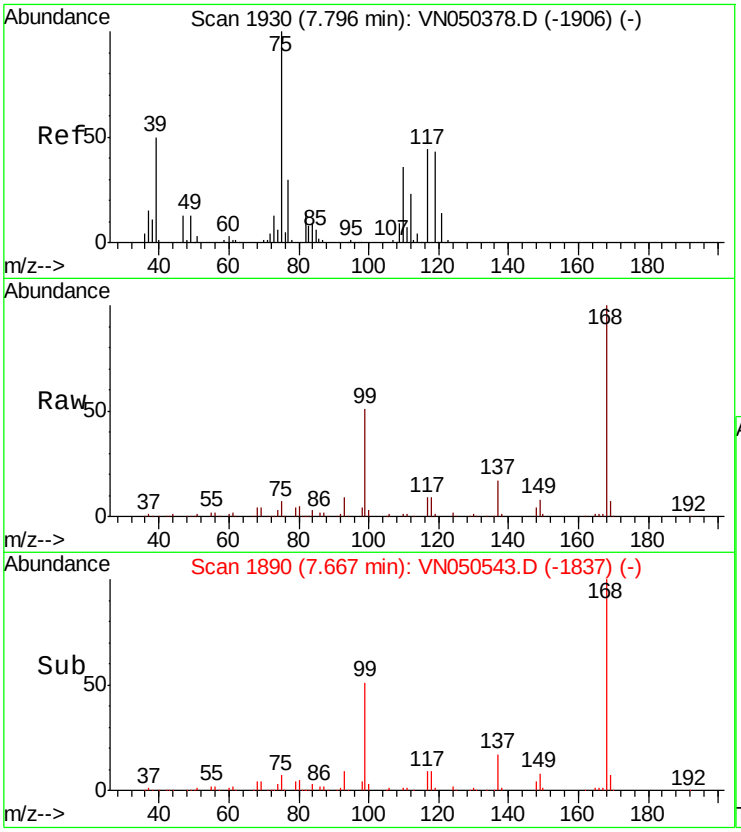


#35
Dibromofluoromethane
Concen: 47.96 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion:113 Resp: 381618

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.7	121.1
192	22.2	17.8	26.6



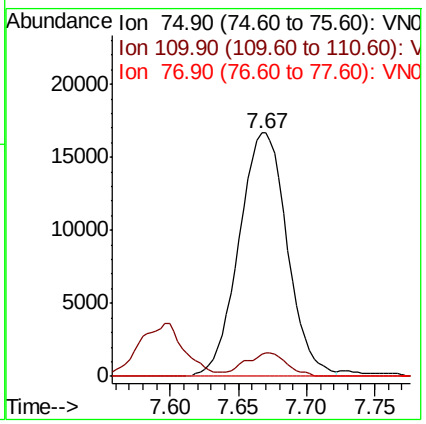


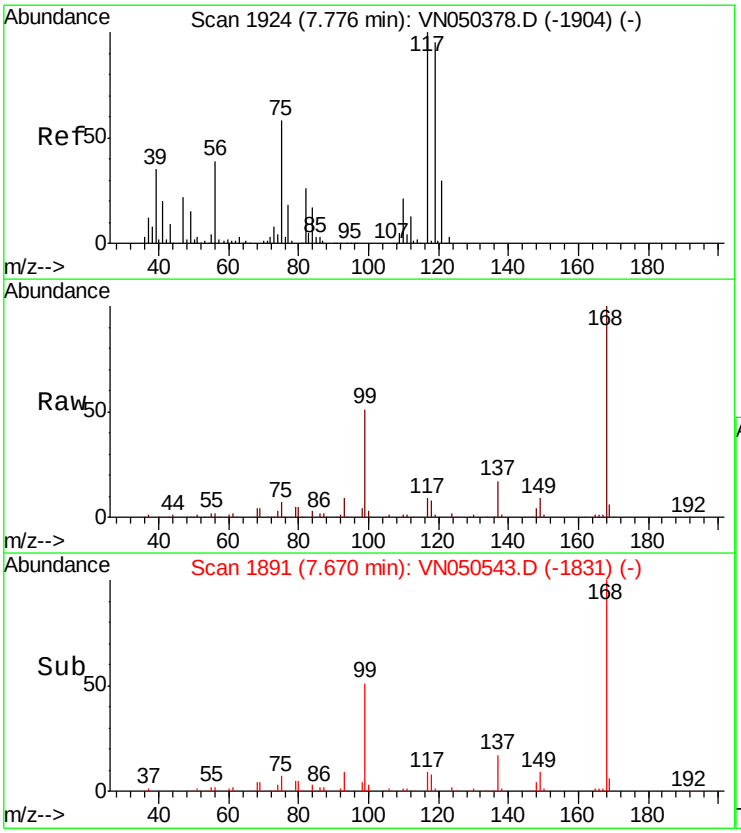
#36
1,1-Dichloropropene
Concen: 3.76 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion: 75 Resp: 40929

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.4	55.2#
77	0.0	25.3	37.9#

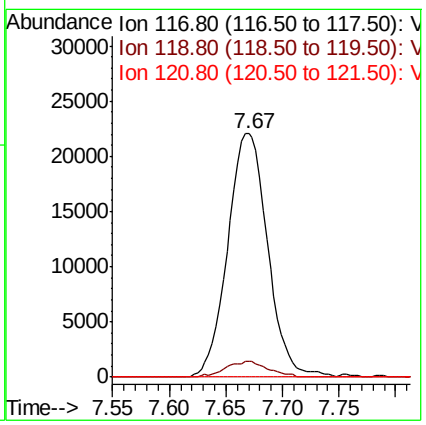


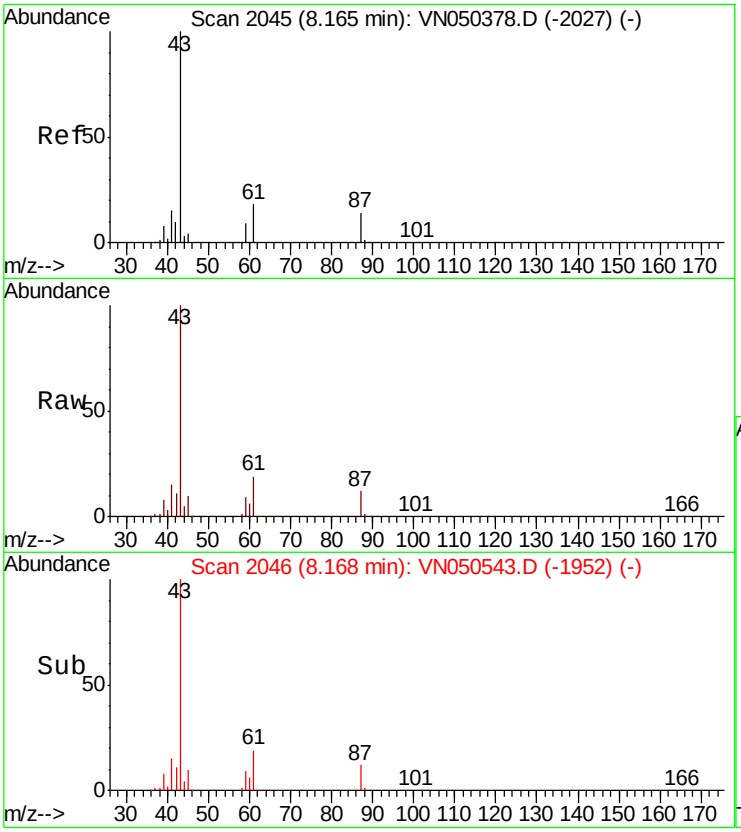


#38
Carbon Tetrachloride
Concen: 4.76 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion:117 Resp: 54138

Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.4	116.0#
121	0.0	23.9	35.9#



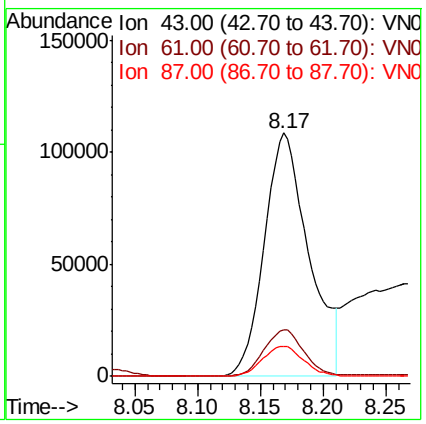


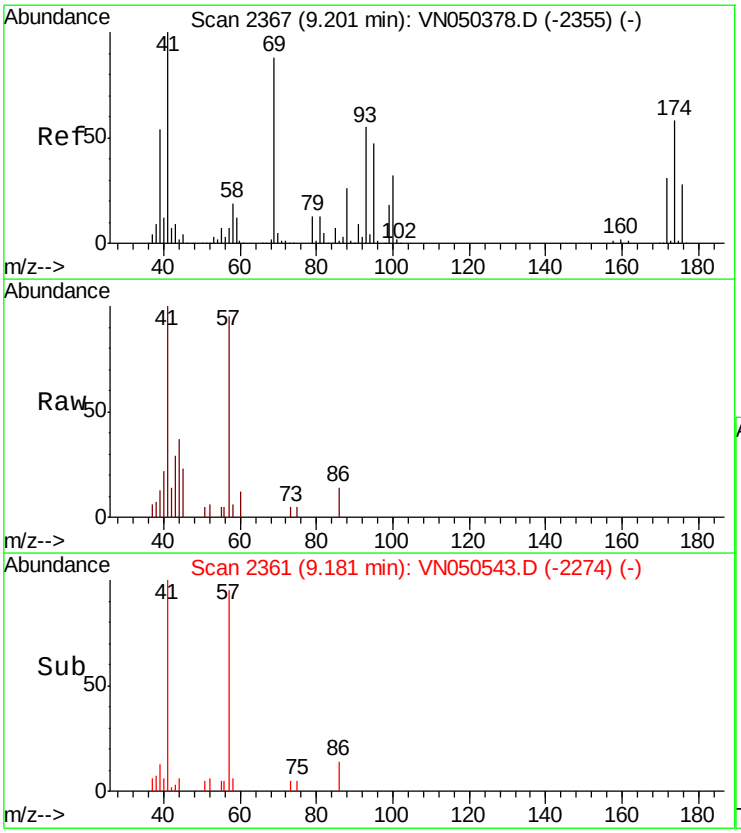
#43
Isopropyl Acetate
Concen: 19.85 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument : MSVOA_N
ClientSampleId : JC-03-080918-A

Tgt Ion: 43 Resp: 268909

Ion	Ratio	Lower	Upper
43	100		
61	17.2	15.8	23.6
87	11.4	10.3	15.5

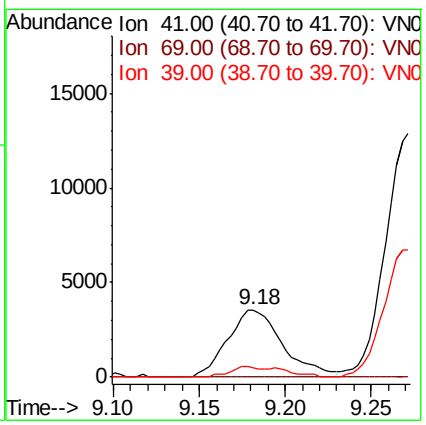


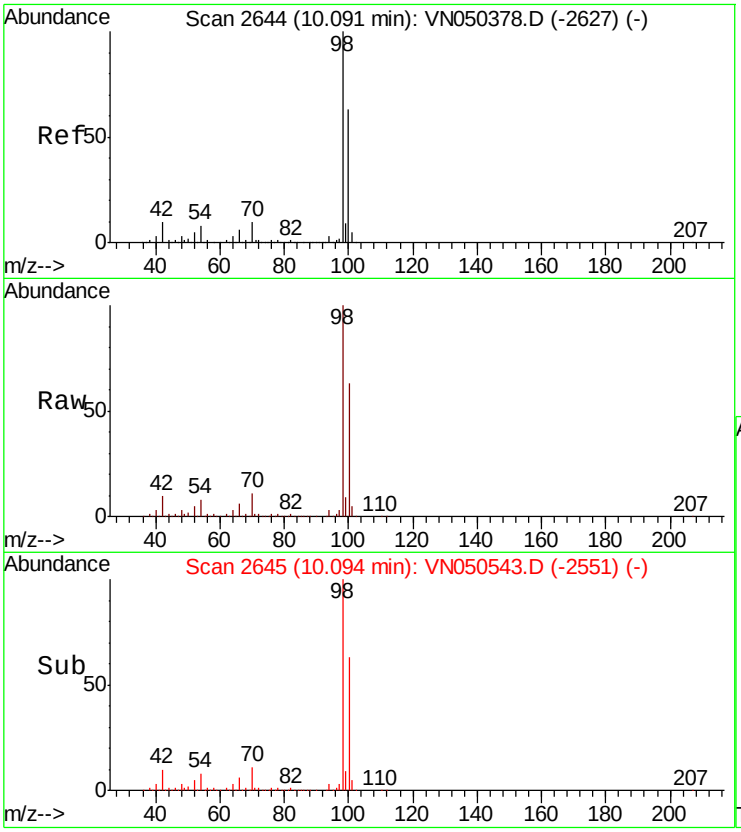


#48
Methyl methacrylate
Concen: 1.16 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 41 Resp: 7894

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	9.0	43.9	65.9#



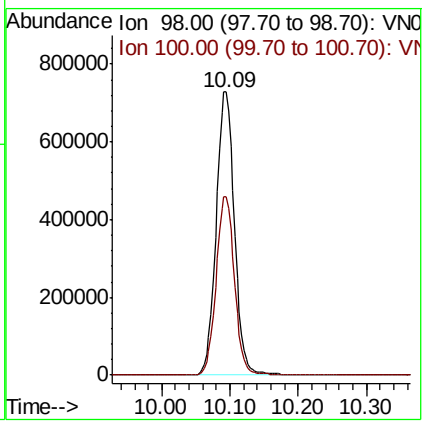


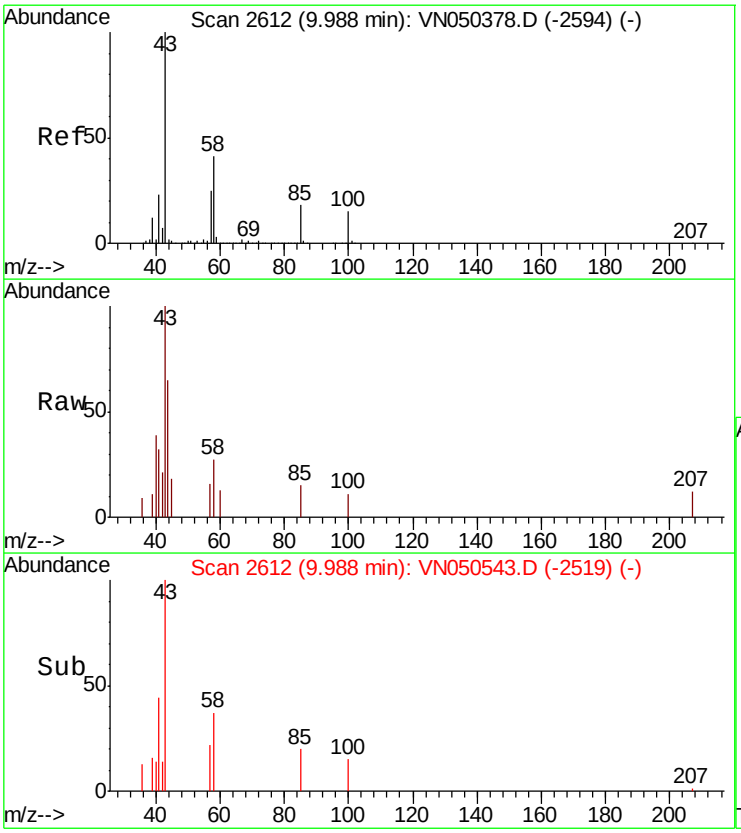
#50
Toluene-d8
Concen: 45.26 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument : MSVOA_N
ClientSampleId : JC-03-080918-A

Tgt Ion: 98 Resp: 1354247

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1

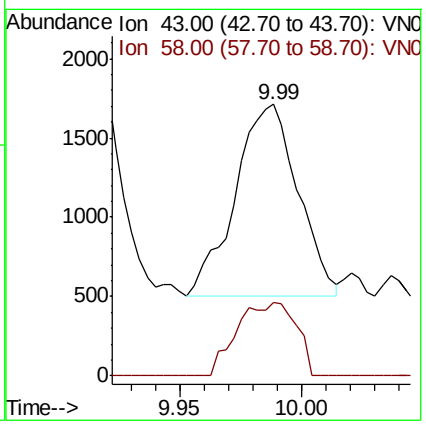


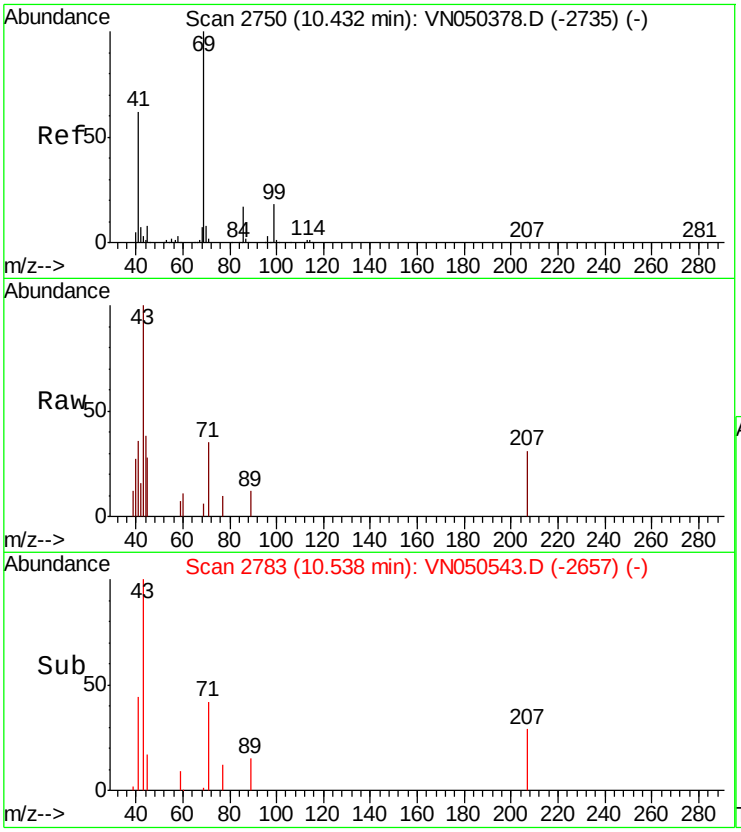


#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 43 Resp: 2148

Ion	Ratio	Lower	Upper
43	100		
58	36.4	31.9	47.9



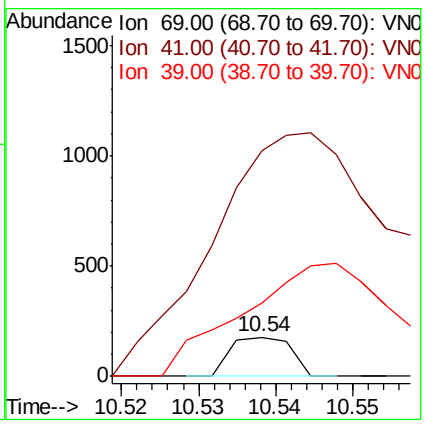


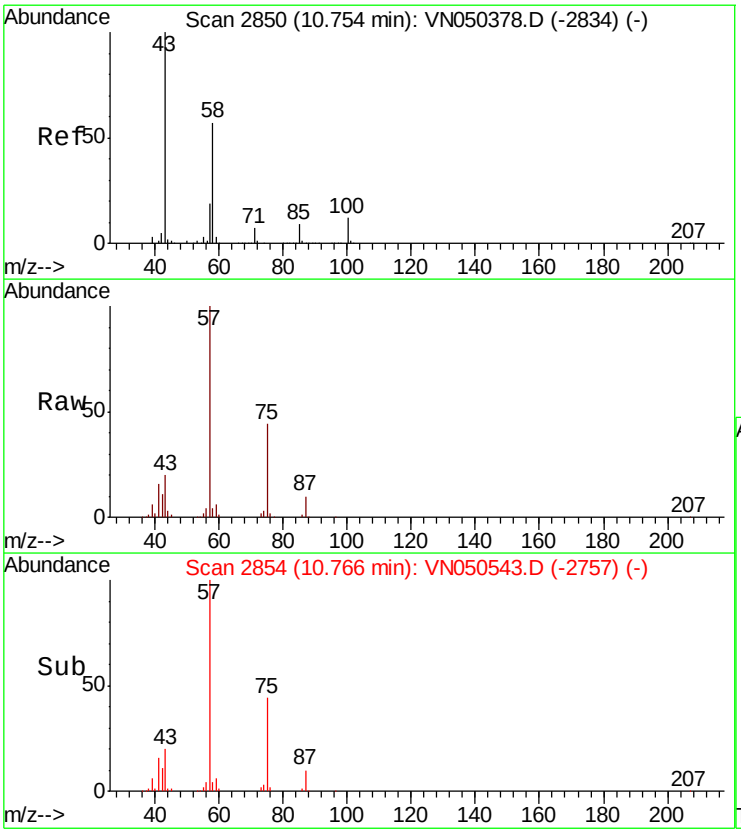
#56
Ethyl methacrylate
Concen: 1.72 ug/l
RT: 10.54 min Scan# 2783
Delta R.T. 0.11 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument : MSVOA_N
ClientSampleId : JC-03-080918-A

Tgt Ion: 69 Resp: 96

Ion	Ratio	Lower	Upper
69	100		
41	2138.5	51.0	76.4#
39	841.7	26.6	40.0#

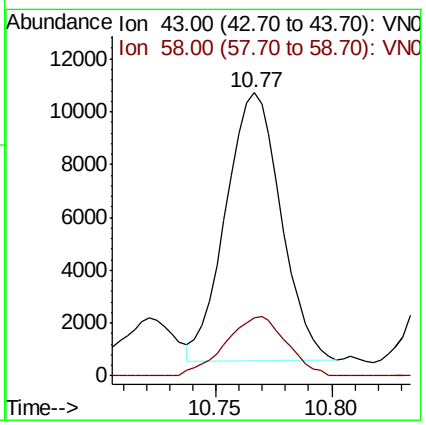


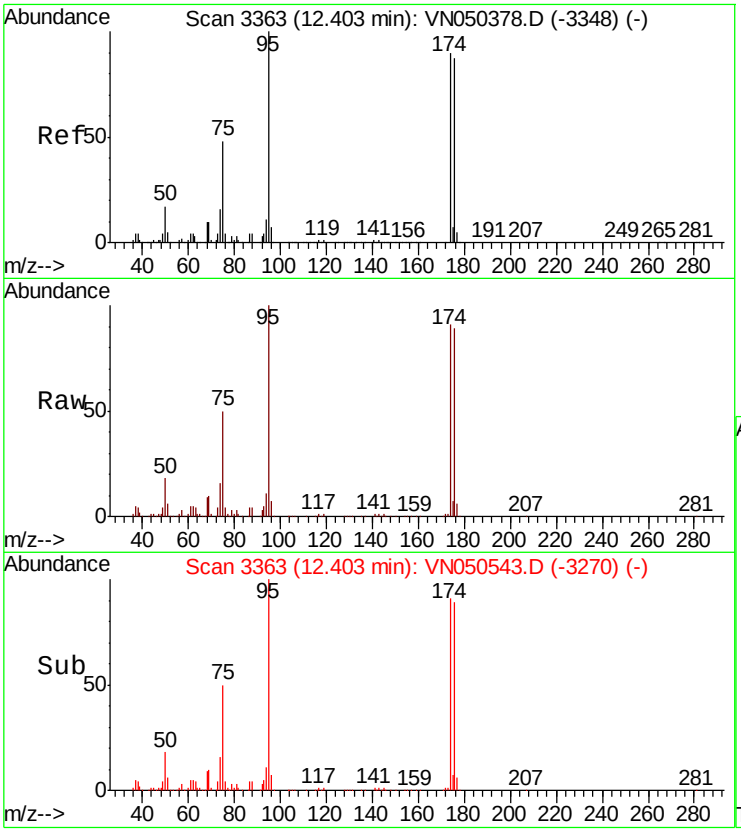


#59
2-Hexanone
Concen: 2.47 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 43 Resp: 16821

Ion	Ratio	Lower	Upper
43	100		
58	24.4	27.6	82.7#



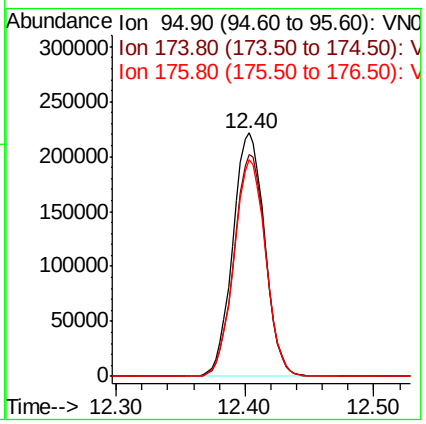


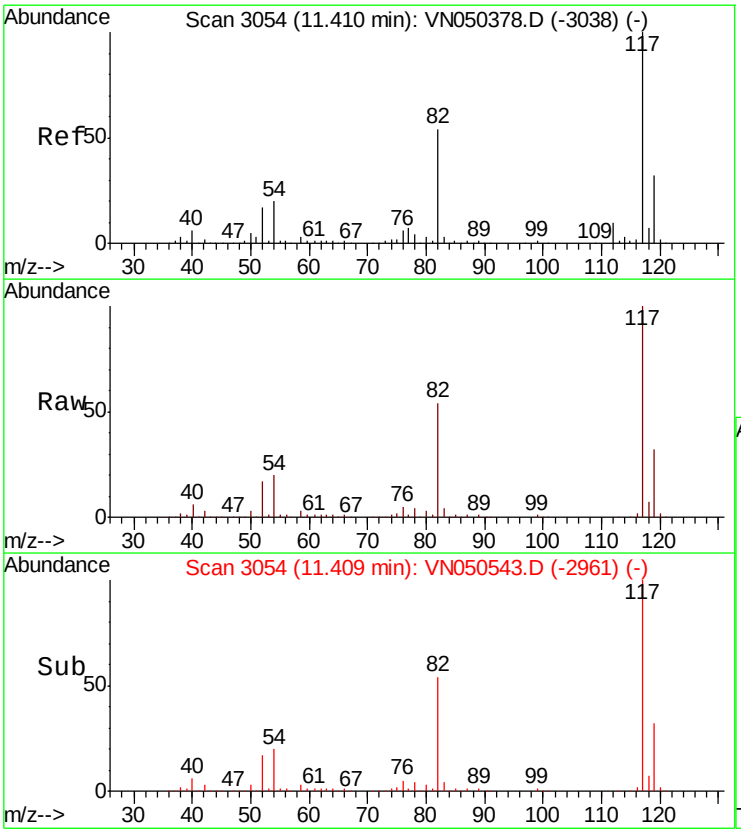
#62
4-Bromofluorobenzene
Concen: 37.22 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion: 95 Resp: 379550

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	178.2
176	88.3	0.0	173.4

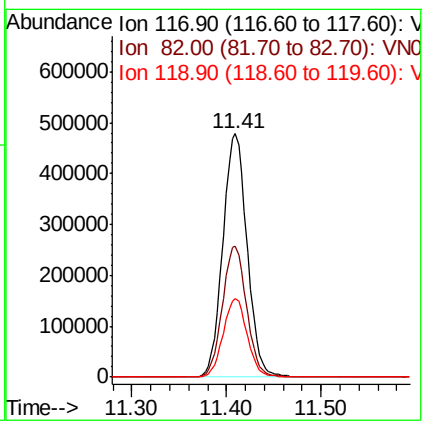


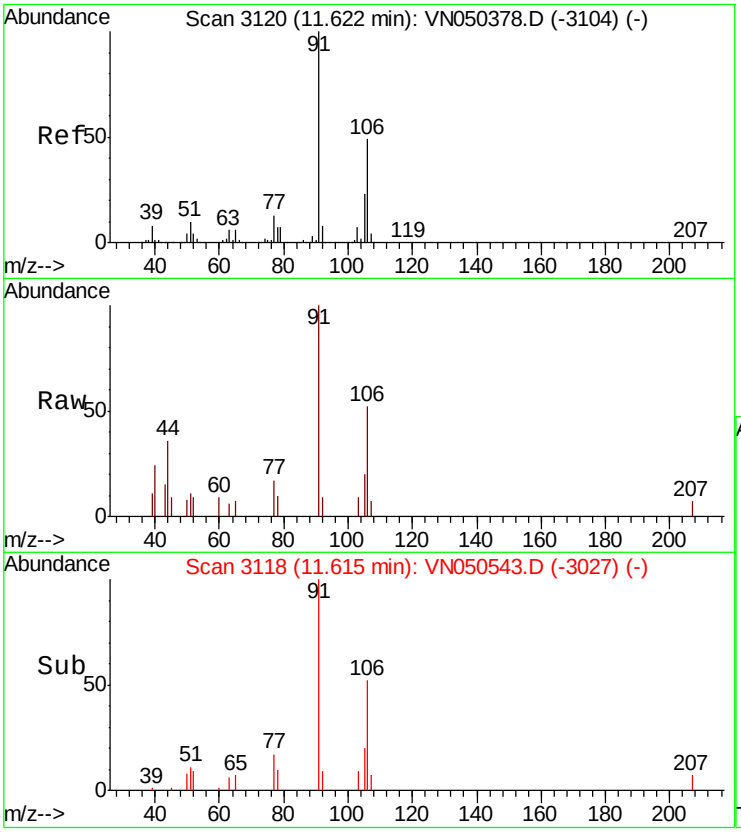


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion:117 Resp: 852076

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.7	65.5
119	32.2	26.1	39.1



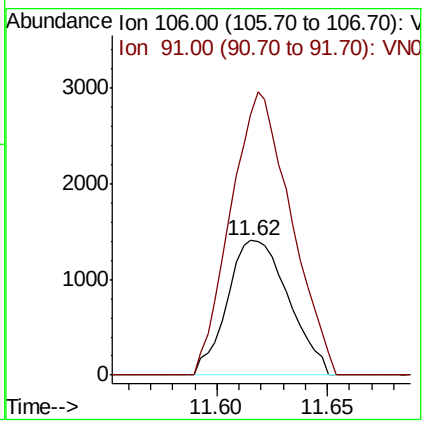


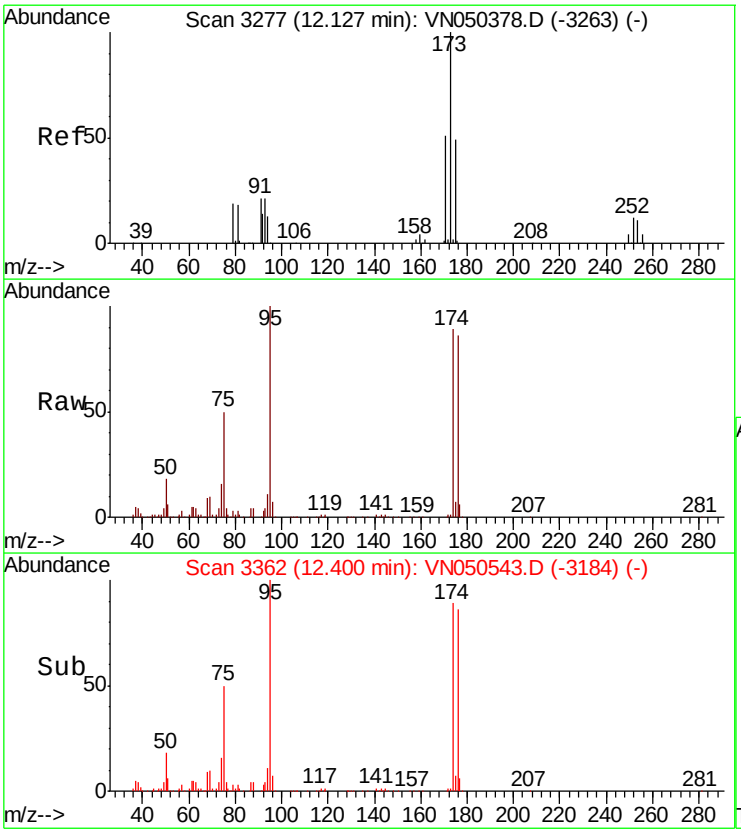
#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. -0.01 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument : MSVOA_N
ClientSampleId : JC-03-080918-A

Tgt Ion:106 Resp: 2717

Ion	Ratio	Lower	Upper
106	100		
91	207.3	162.2	243.2

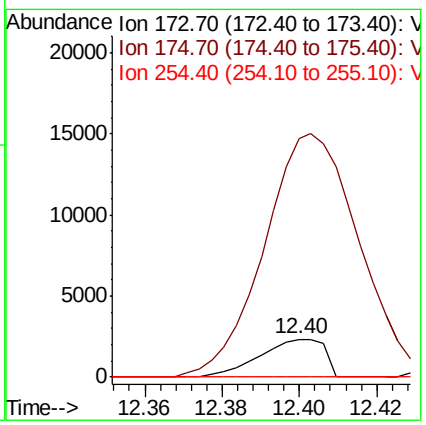


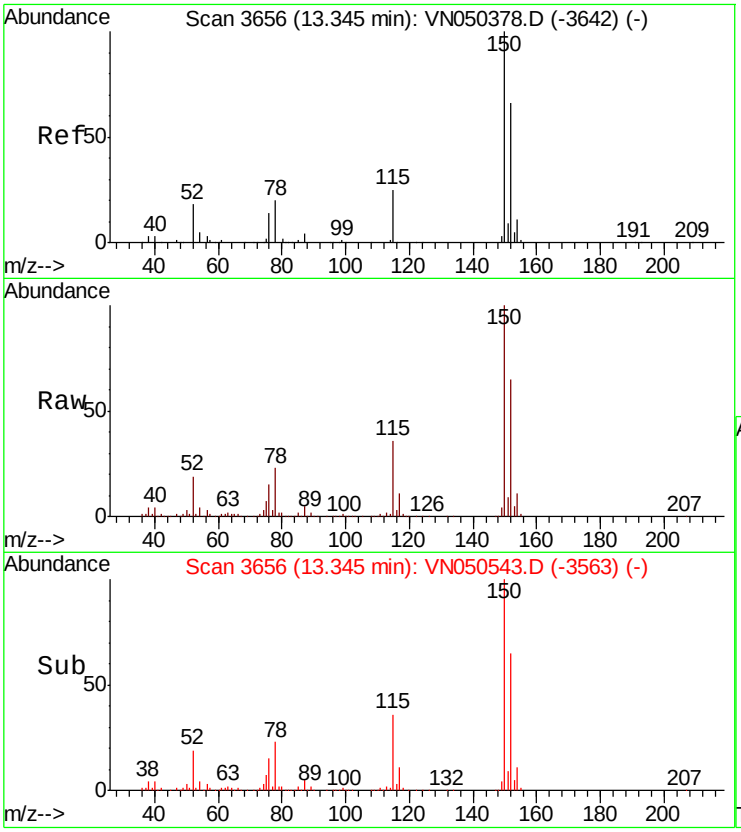


#71
Bromoform
Concen: 0.48 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.27 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion:173 Resp: 2733

Ion	Ratio	Lower	Upper
173	100		
175	779.8	24.1	72.2#
254	0.0	0.2	0.2#



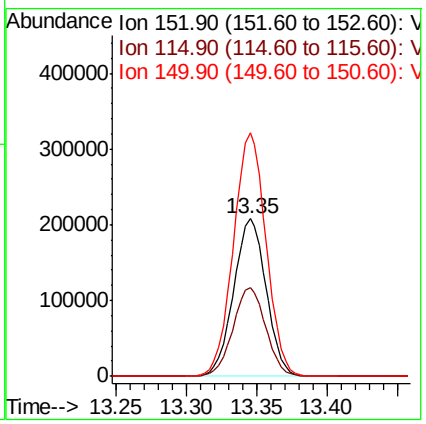


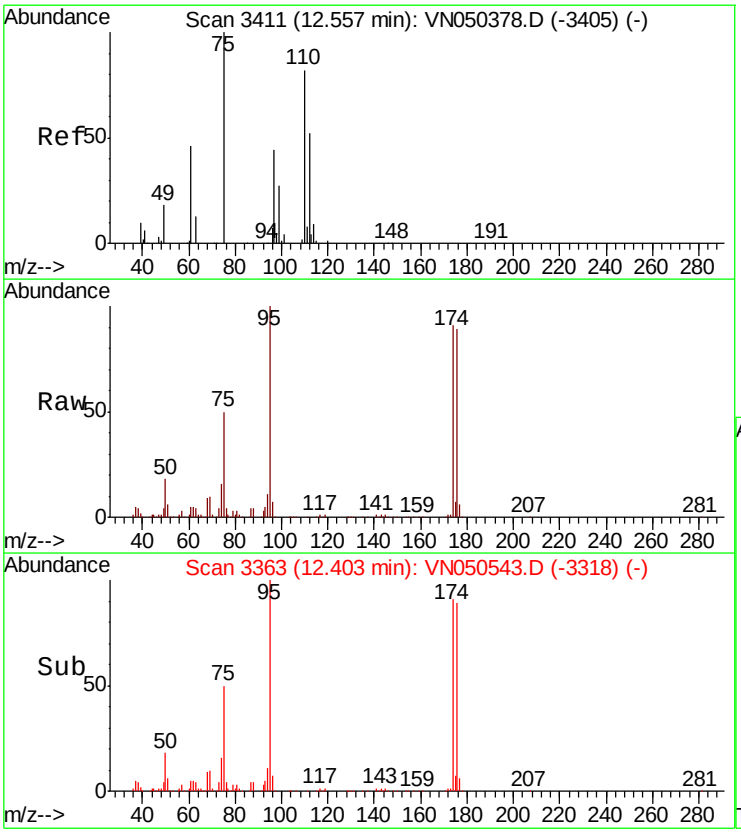
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion:152 Resp: 336546

Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.8	83.3
150	155.1	0.0	348.6

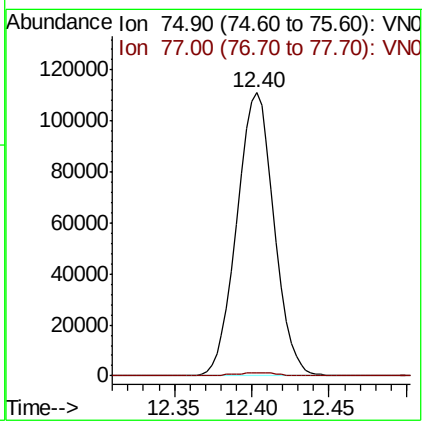


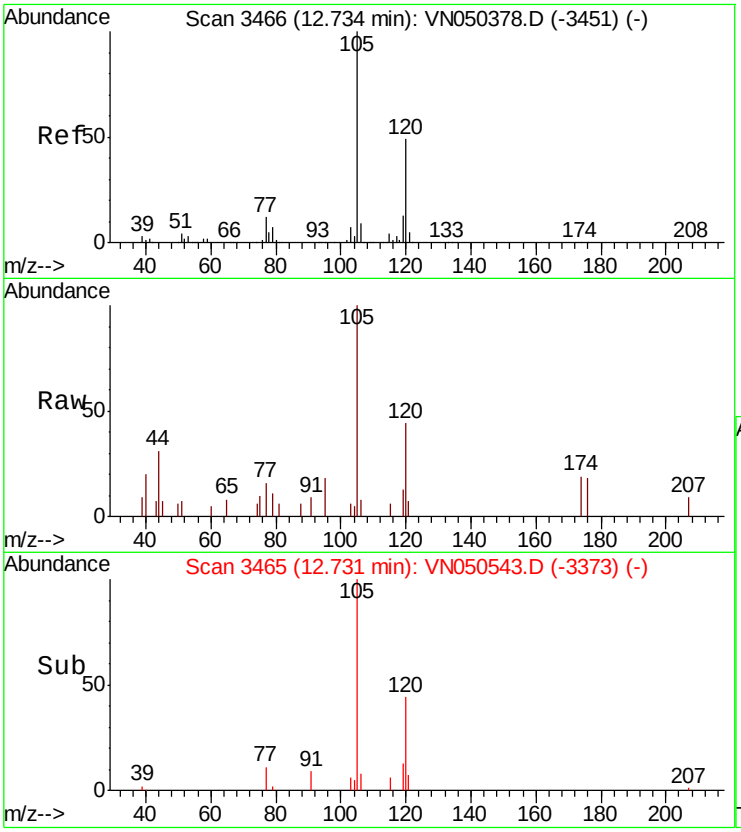


#76
1,2,3-Trichloropropane
Concen: 30.53 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 75 Resp: 185982

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



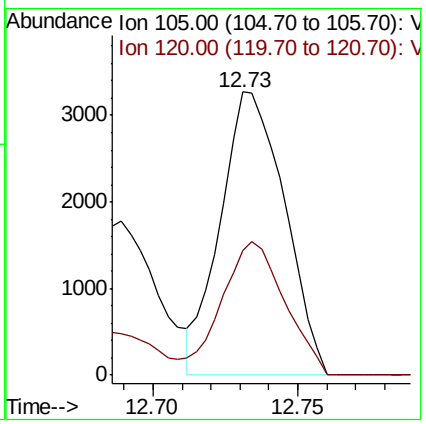


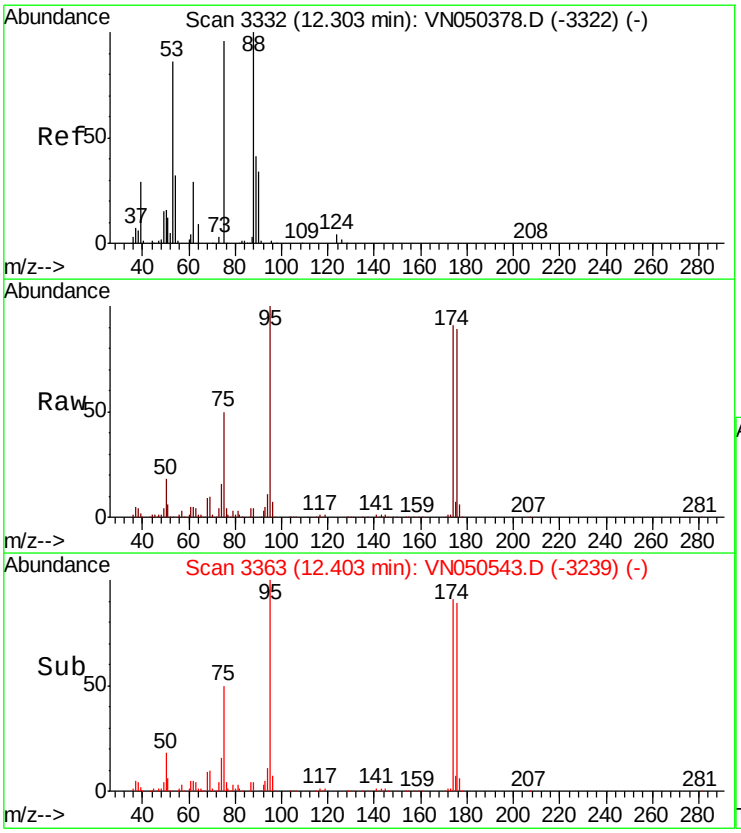
#80
1,3,5-Trimethylbenzene
Concen: 0.25 ug/l
RT: 12.73 min Scan# 3465
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion:105 Resp: 5034

Ion	Ratio	Lower	Upper
105	100		
120	46.5	24.4	73.2

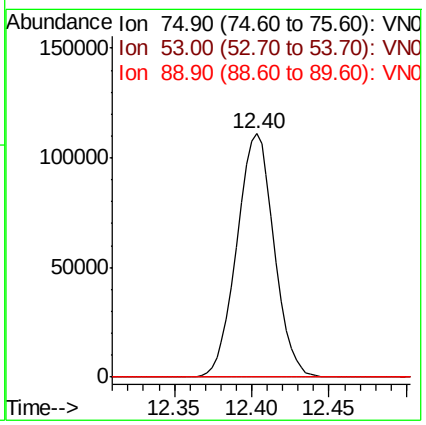


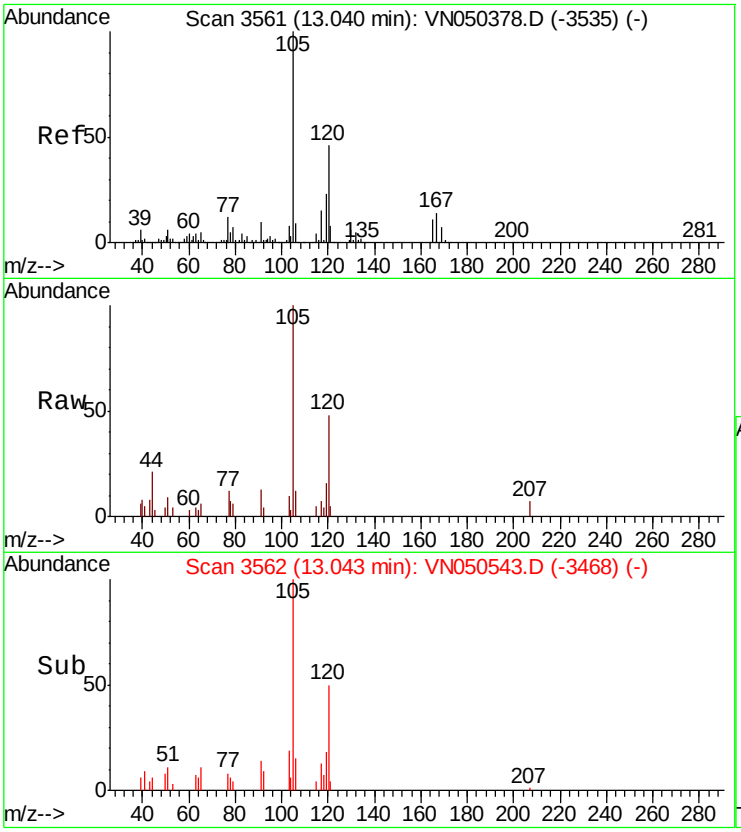


#81
trans-1,4-Dichloro-2-butene
Concen: 107.27 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion: 75 Resp: 185982

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



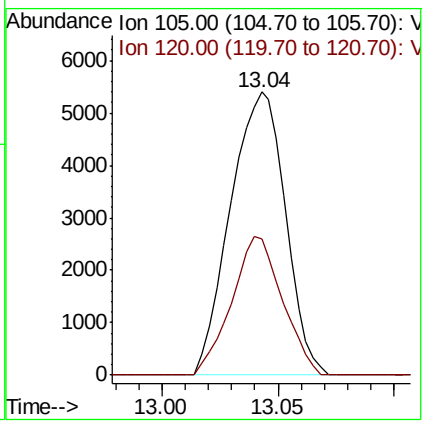


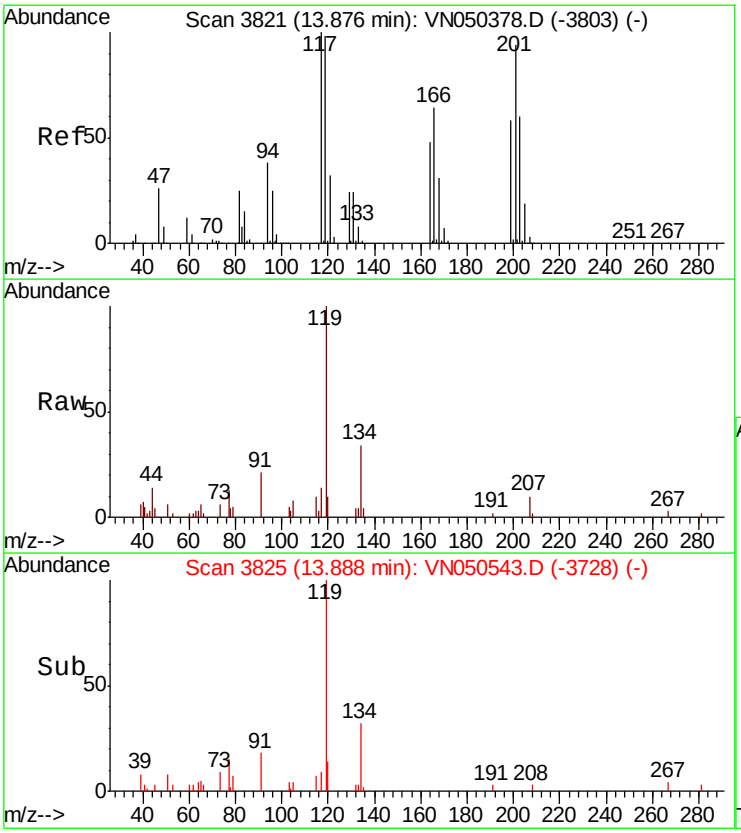
#84
1,2,4-Trimethylbenzene
Concen: 0.43 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion:105 Resp: 8880

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.9	68.7

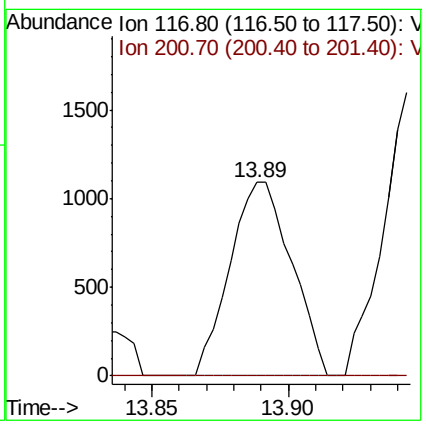


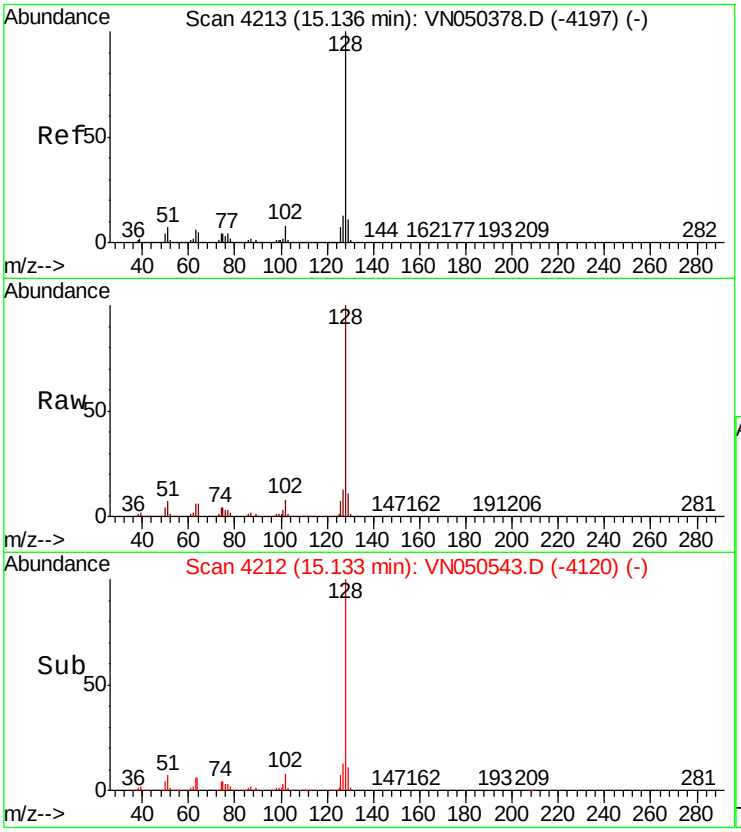


#90
Hexachloroethane
Concen: 0.47 ug/l
RT: 13.89 min Scan# 3825
Delta R.T. 0.01 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Tgt Ion:117 Resp: 1716

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.6	136.8#





#95
Naphthalene
Concen: 97.46 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050543.D
Acq: 11 Aug 2018 2:31

Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-A

Tgt Ion:128 Resp: 1648568

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.8	13.2