Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021319\
Data File : VN053764.D
Acq On : 13 Feb 2019 19:16
Operator : JC/SP
Sample : K1343-28
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JC-02-021119-N

Quant Time: Feb 14 00:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	698219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1151311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1075911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	442371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	373001	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.50%			
35) Dibromofluoromethane	7.59	113	368913	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.42%			
50) Toluene-d8	10.09	98	1402123	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.66%			
62) 4-Bromofluorobenzene	12.40	95	466107	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.32%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.79	59	559	1.348	ug/l #	72
16) Acetone	3.82	43	16236	9.037	ug/l	100
18) Methyl Acetate	4.32	43	1700	0.319	ug/l #	81
20) Methylene Chloride	4.56	84	27993	3.714	ug/l	97
25) 2-Butanone	6.85	43	3972	1.550	ug/l	95
29) Tetrahydrofuran	7.22	42	645	0.392	ug/l	94
30) Chloroform	7.37	83	3682	0.292	ug/l	99
31) Cyclohexane	7.66	56	10106	0.686	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40890	3.940	ug/l #	50
38) Carbon Tetrachloride	7.67	117	54826	5.244	ug/l #	16
43) Isopropyl Acetate	8.17	43	35374	3.160	ug/l #	77
45) 1,2-Dichloropropane	9.27	63	1775	0.217	ug/l #	43
48) Methyl methacrylate	9.18	41	8135	1.522	ug/l #	12
49) 1,4-Dioxane	9.26	88	66	39.917	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	8384	1.524	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	67671	5.559	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	13501	1.154	ug/l #	43
59) 2-Hexanone	10.76	43	167084	44.743	ug/l #	51
71) Bromoform	12.40	173	2246	0.410	ug/l #	1
74) N-amyl acetate	11.88	43	17472	2.336	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	216010	38.017	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5362	0.208	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	216010	106.900	ug/l #	15
95) Naphthalene	15.13	128	117379	7.567	ug/l	98

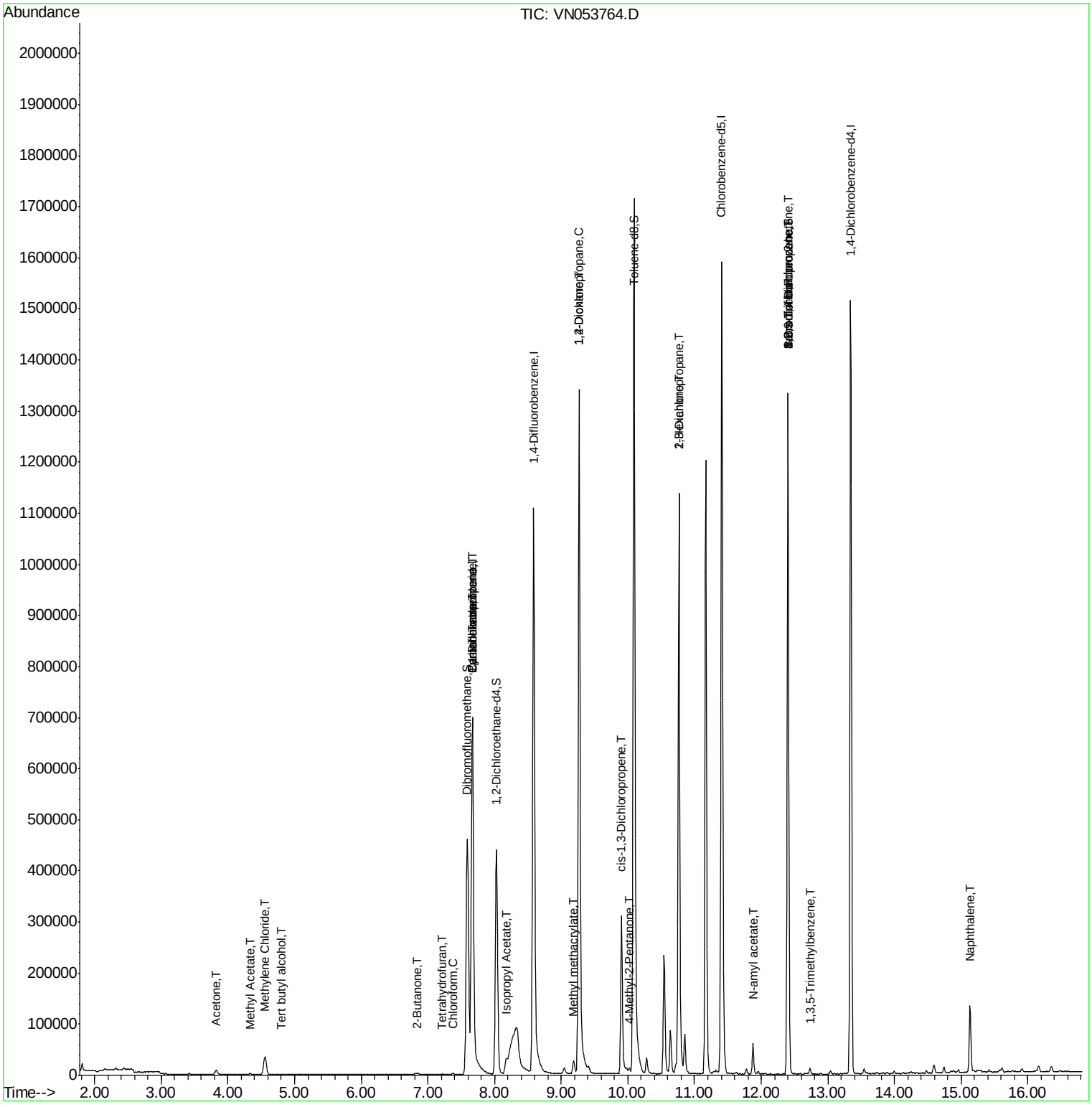
(#) = qualifier out of range (m) = manual integration (+) = signals summed

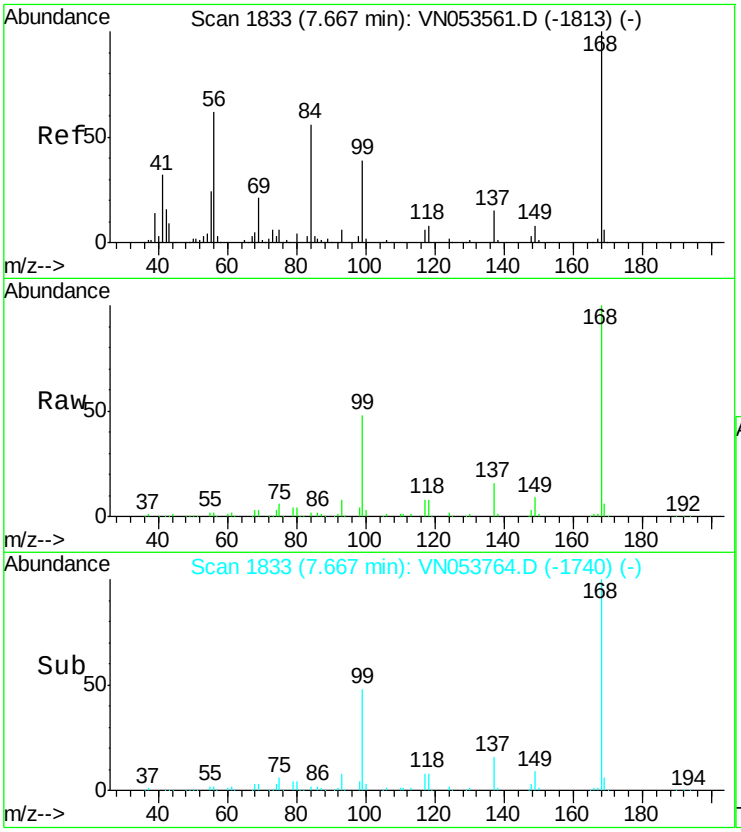
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021319\
Data File : VN053764.D
Acq On : 13 Feb 2019 19:16
Operator : JC/SP
Sample : K1343-28
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JC-02-021119-N

Quant Time: Feb 14 00:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration



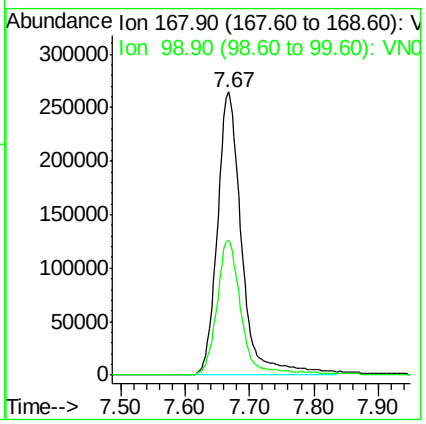


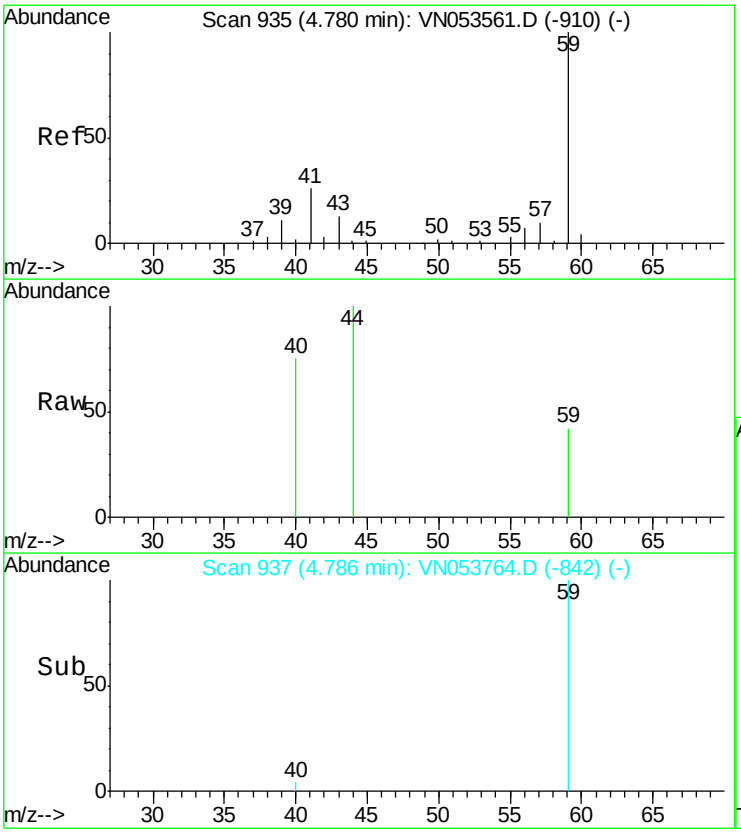
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

Tgt Ion:168 Resp: 698219

Ion	Ratio	Lower	Upper
168	100		
99	47.7	39.1	58.7

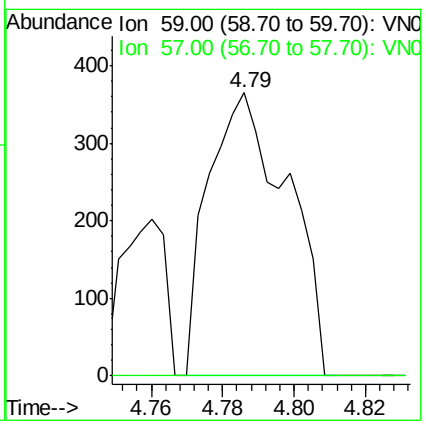


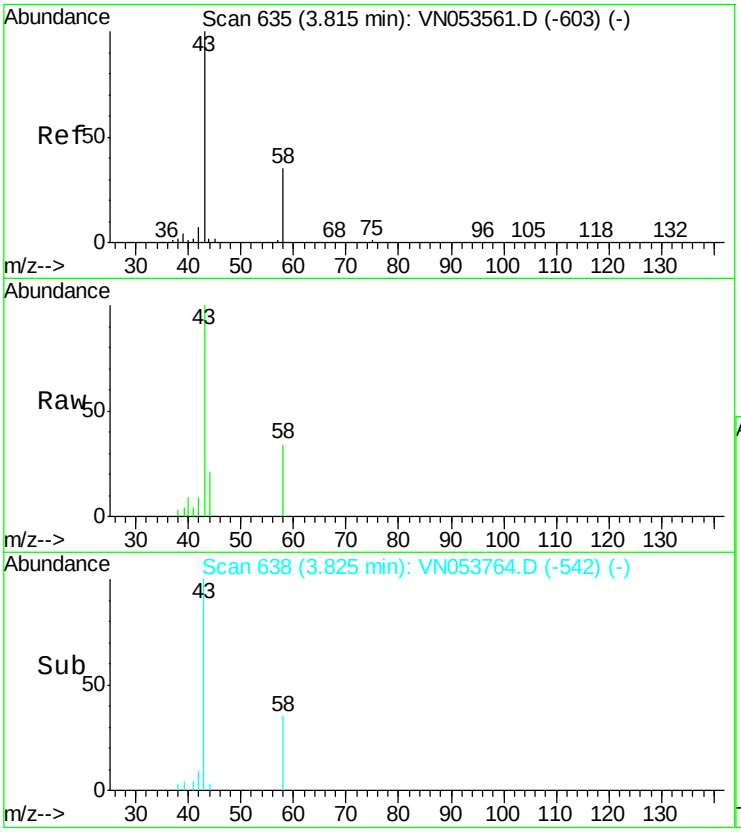


#11
Tert butyl alcohol
Concen: 1.348 ug/l
RT: 4.79 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 59 Resp: 559

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



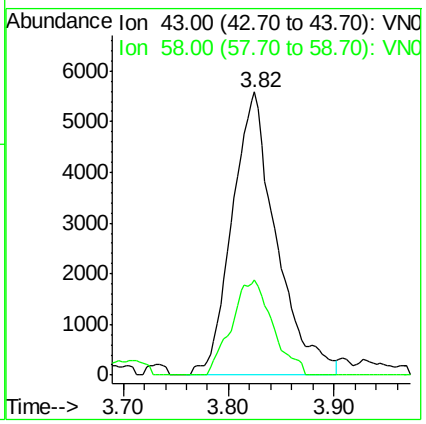


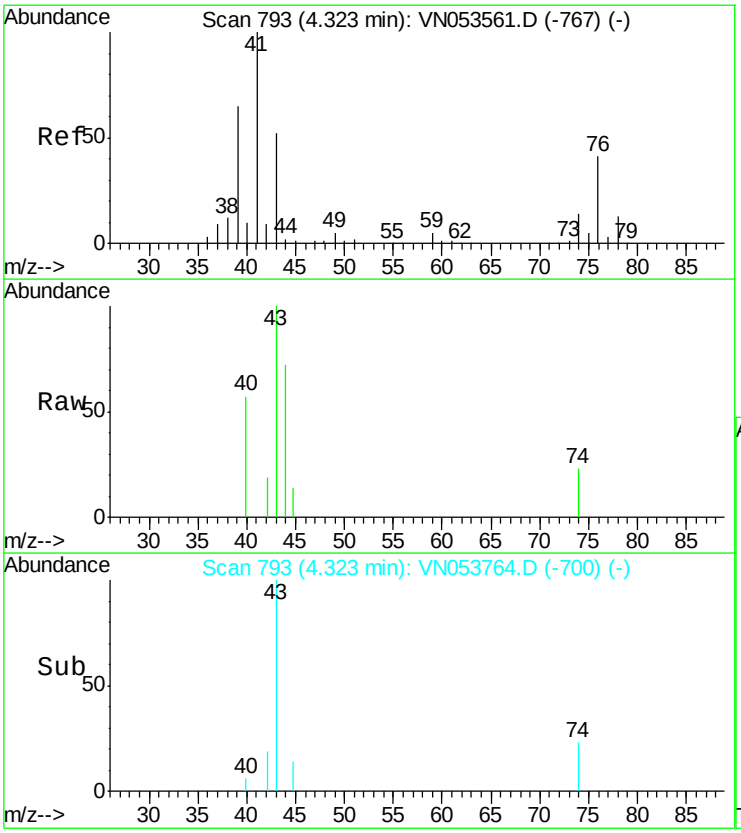
#16
Acetone
Concen: 9.037 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

Tgt Ion: 43 Resp: 16236

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.1	40.7

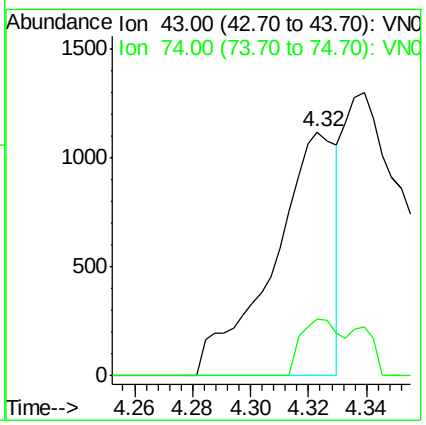


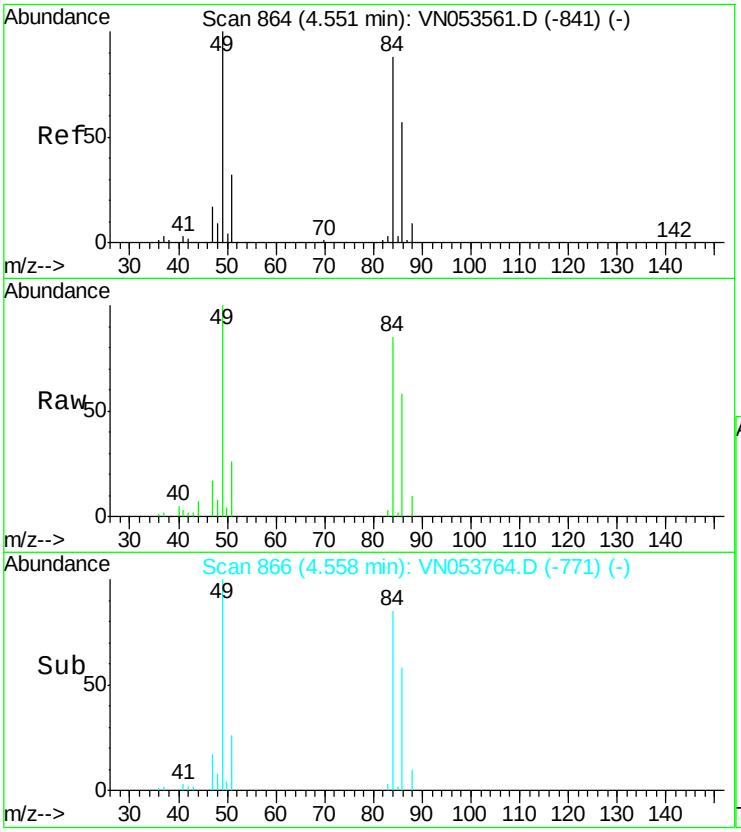


#18
Methyl Acetate
Concen: 0.319 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 43 Resp: 1700

Ion	Ratio	Lower	Upper
43	100		
74	14.7	19.4	29.2#



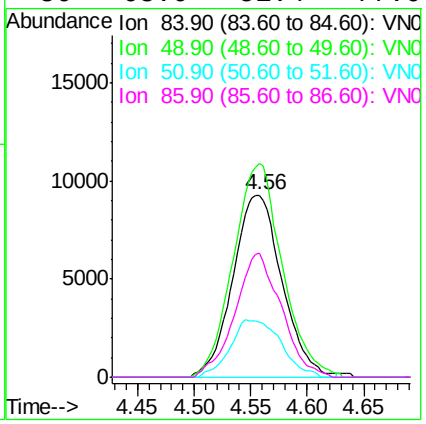


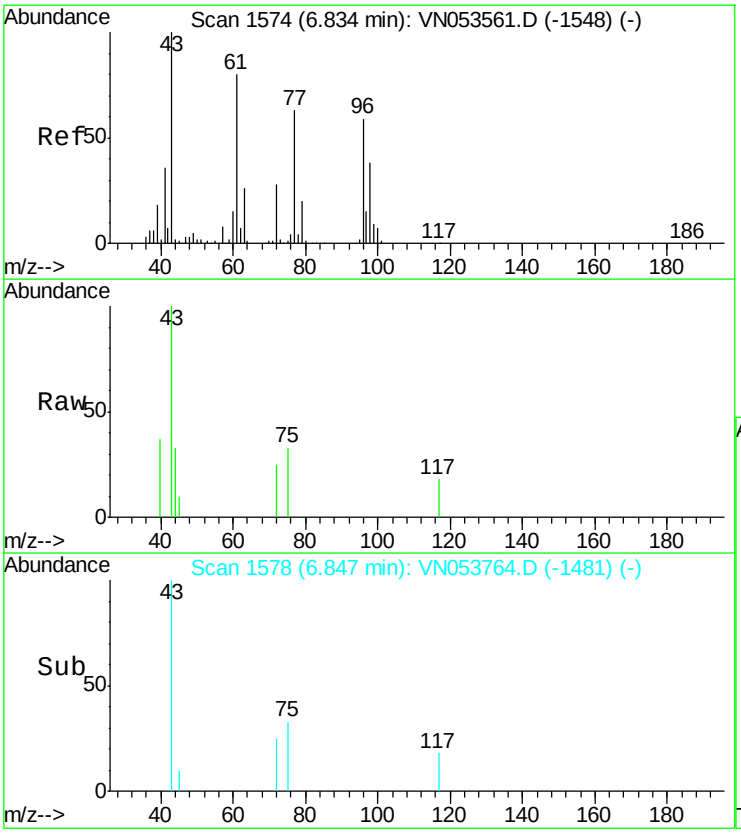
#20
Methylene Chloride
Concen: 3.714 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument : MSVOA_N
ClientSampleId : JC-02-021119-N

Tgt Ion: 84 Resp: 27993

Ion	Ratio	Lower	Upper
84	100		
49	117.3	94.3	141.5
51	30.5	29.4	44.2
86	68.0	51.4	77.0

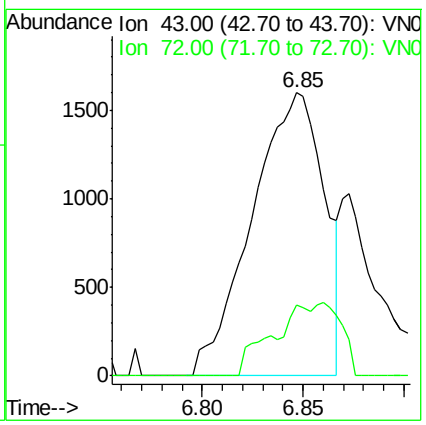


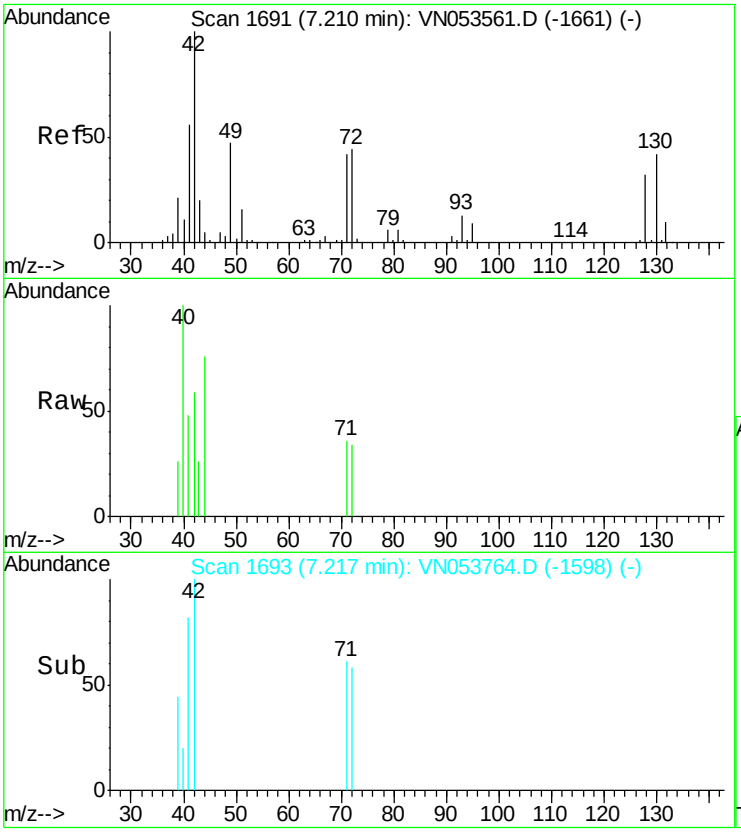


#25
2-Butanone
Concen: 1.550 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 43 Resp: 3972

Ion	Ratio	Lower	Upper
43	100		
72	25.1	22.0	33.0



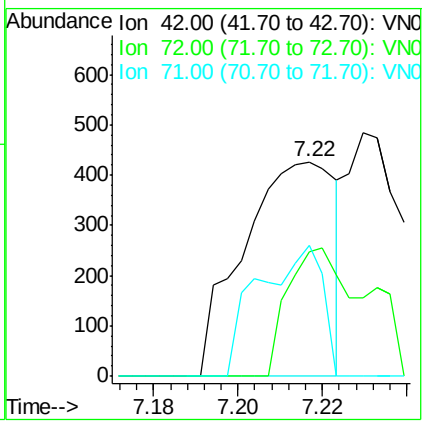


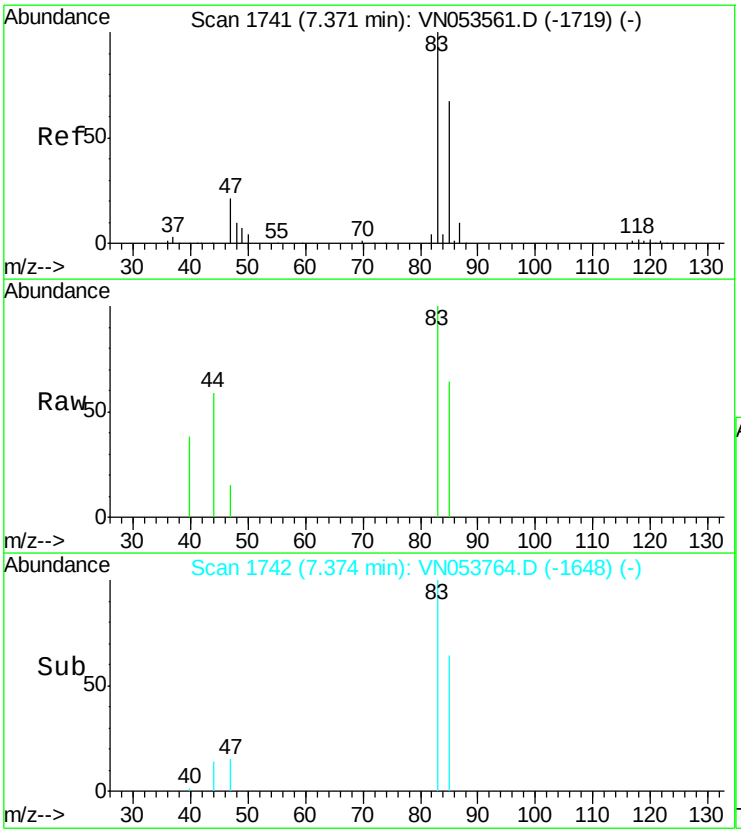
#29
Tetrahydrofuran
Concen: 0.392 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

Tgt Ion: 42 Resp: 645

Ion	Ratio	Lower	Upper
42	100		
72	51.0	35.2	52.8
71	42.3	33.0	49.4

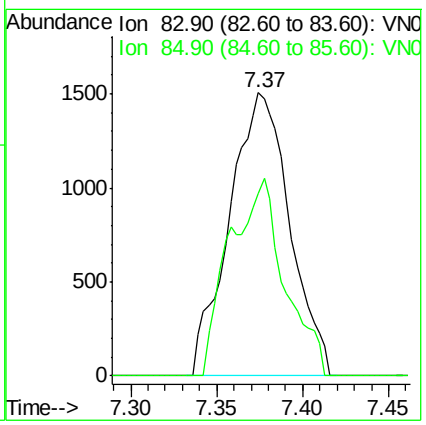


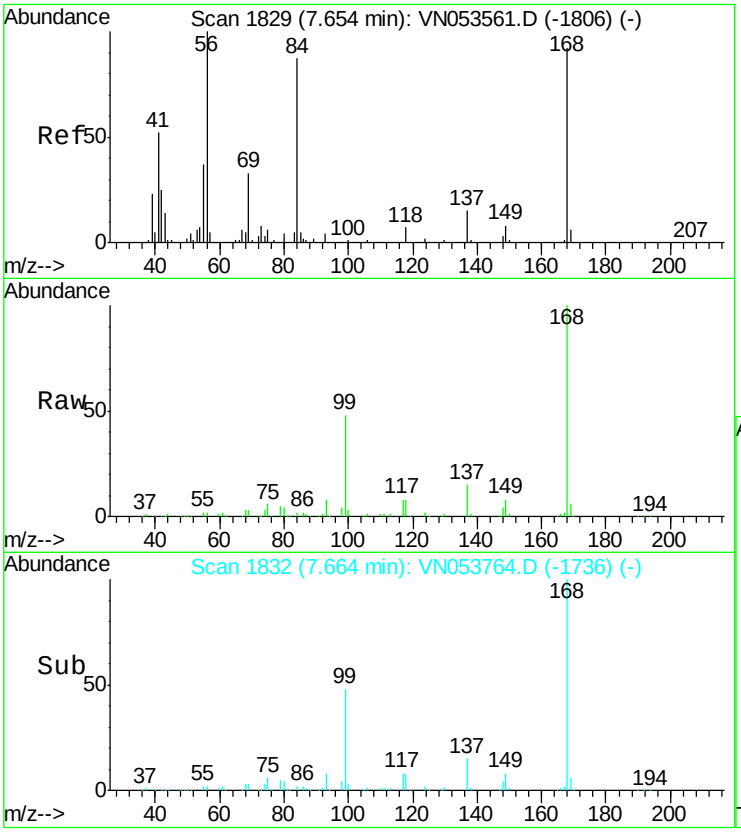


#30
Chloroform
Concen: 0.292 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 83 Resp: 3682

Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.2	78.2



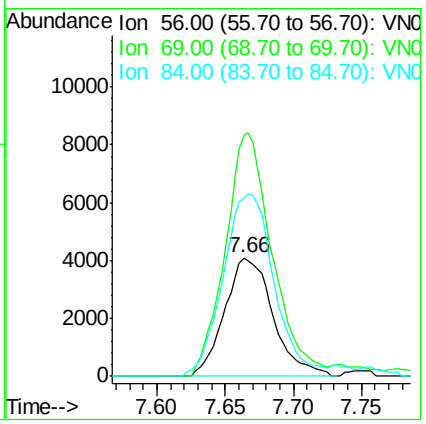


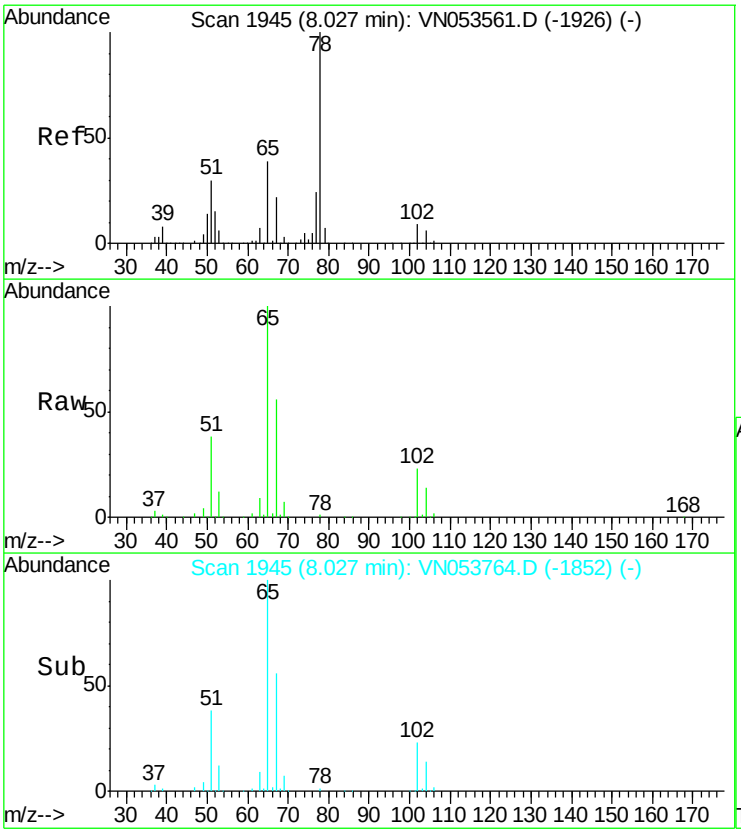
#31
Cyclohexane
Concen: 0.686 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument : MSVOA_N
ClientSampleId : JC-02-021119-N

Tgt Ion: 56 Resp: 10106

Ion	Ratio	Lower	Upper
56	100		
69	203.5	26.4	39.6#
84	146.8	67.9	101.9#

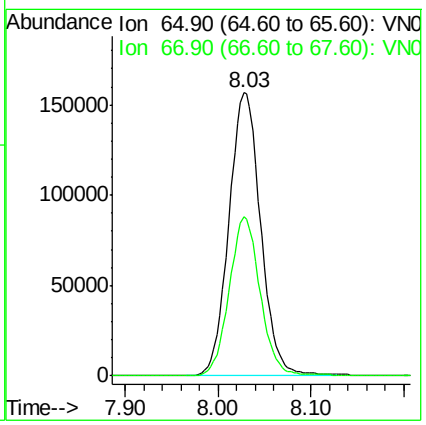


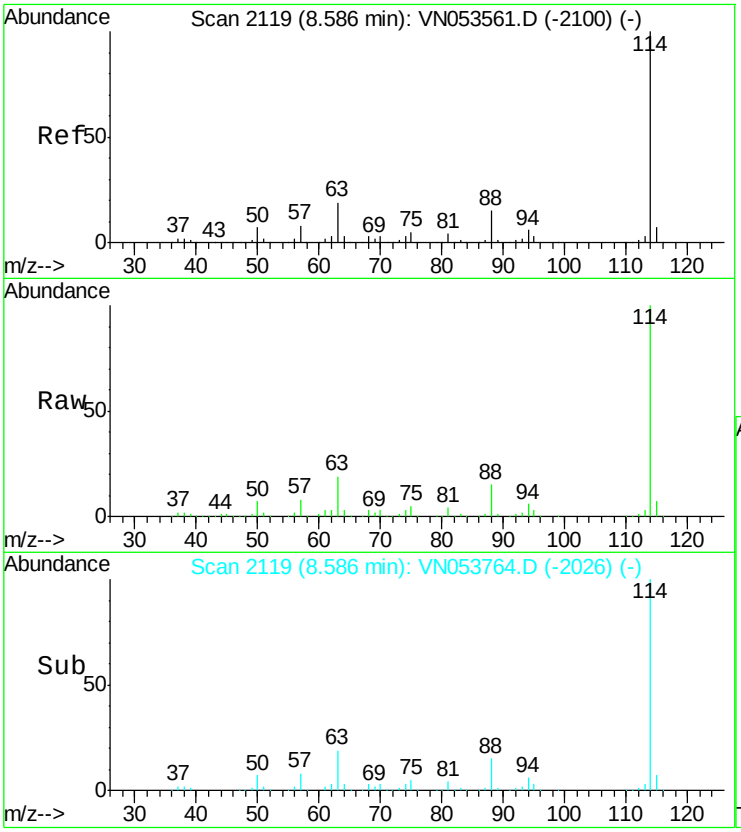


#33
1,2-Dichloroethane-d4
Concen: 53.252 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 65 Resp: 373001

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	111.2



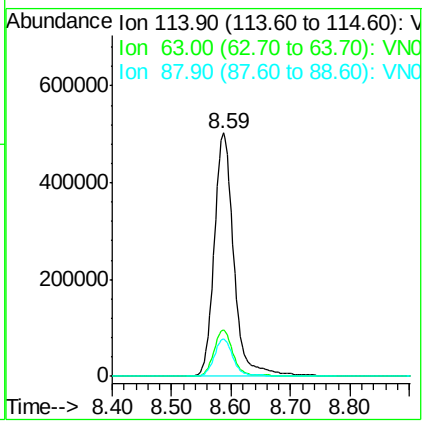


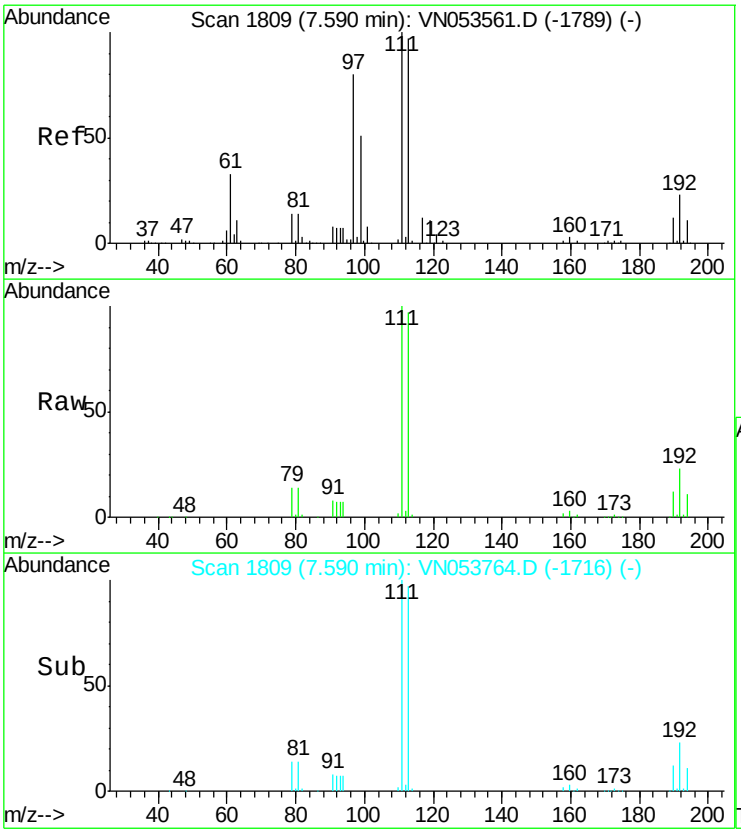
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

Tgt Ion:114 Resp: 1151311

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	15.5	0.0	30.4

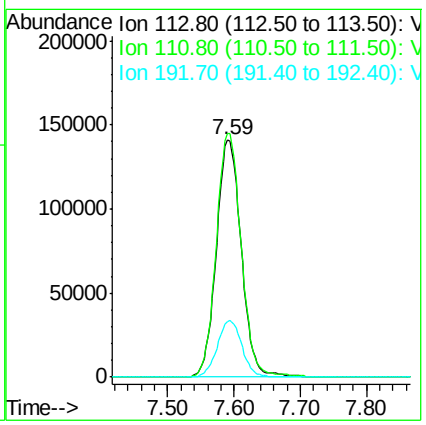


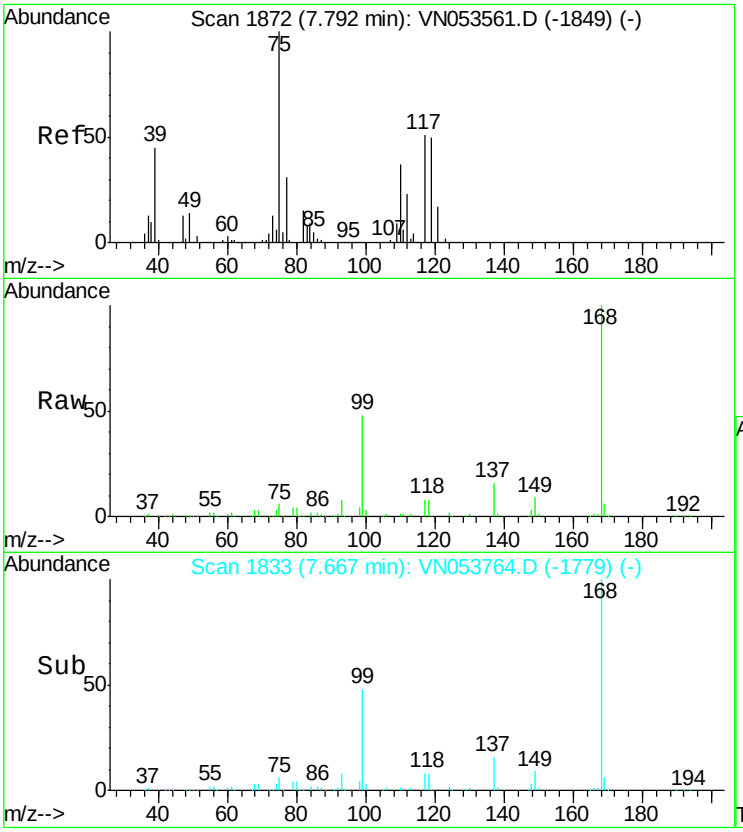


#35
Dibromofluoromethane
Concen: 50.711 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion:113 Resp: 368913

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	23.5	18.2	27.2



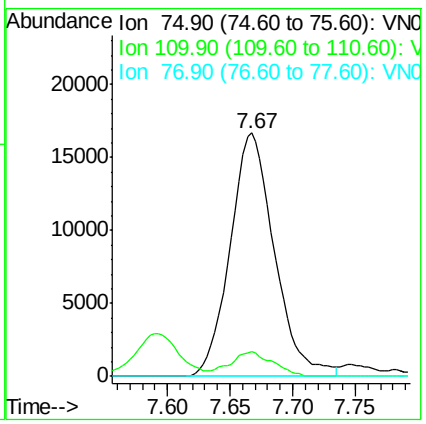


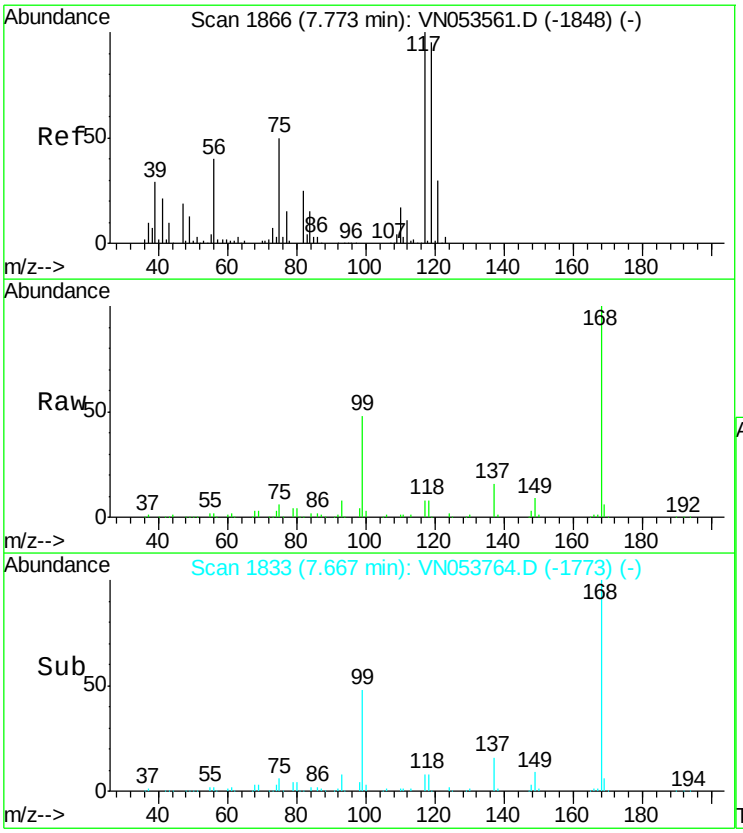
#36
1,1-Dichloropropene
Concen: 3.940 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

Tgt Ion: 75 Resp: 40890

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.3#
77	0.0	25.1	37.7#

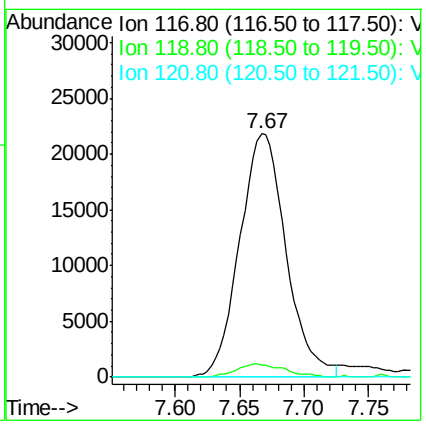


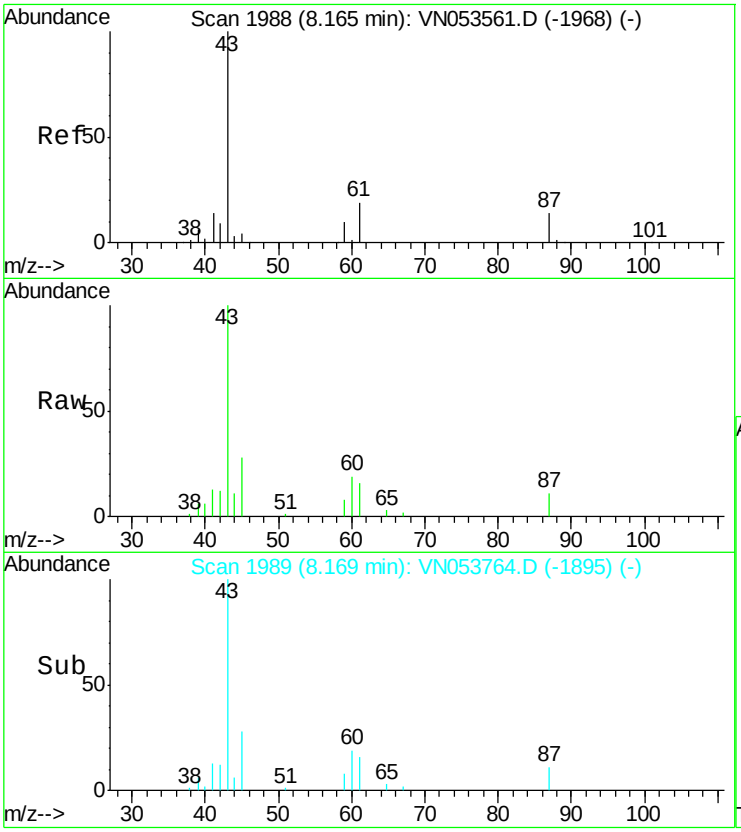


#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion:117 Resp: 54826

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	24.6	37.0#



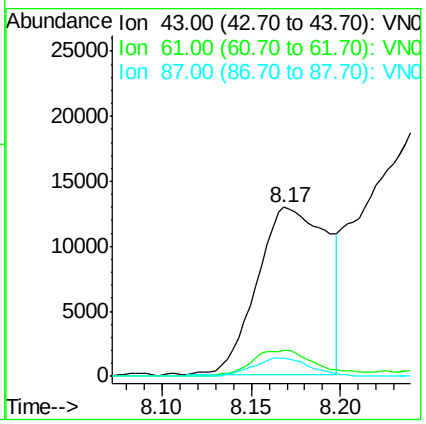


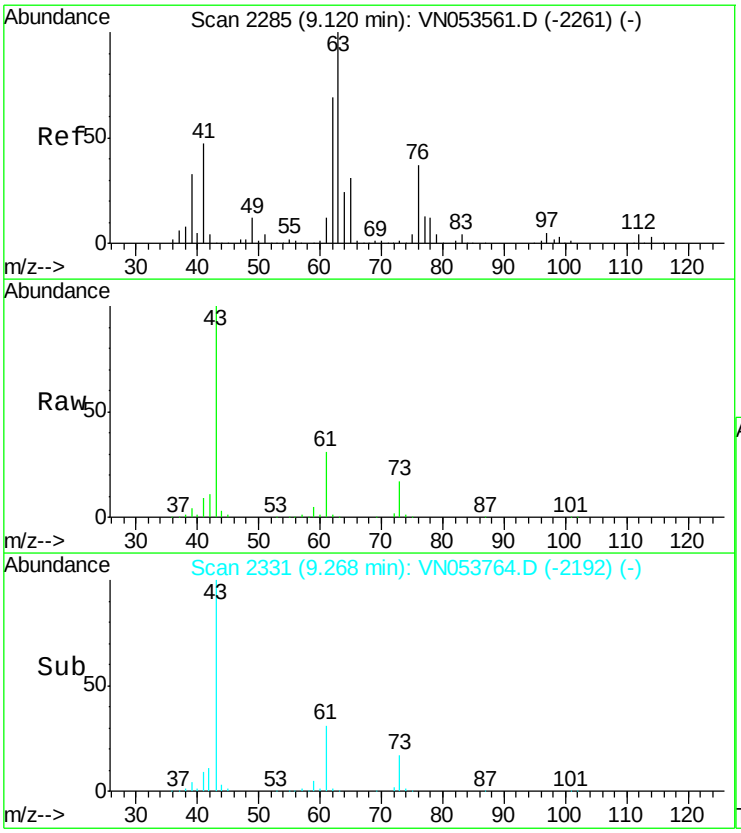
#43
Isopropyl Acetate
Concen: 3.160 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument : MSVOA_N
ClientSampleId : JC-02-021119-N

Tgt Ion: 43 Resp: 35374

Ion	Ratio	Lower	Upper
43	100		
61	14.5	23.9	35.9#
87	8.9	11.0	16.6#

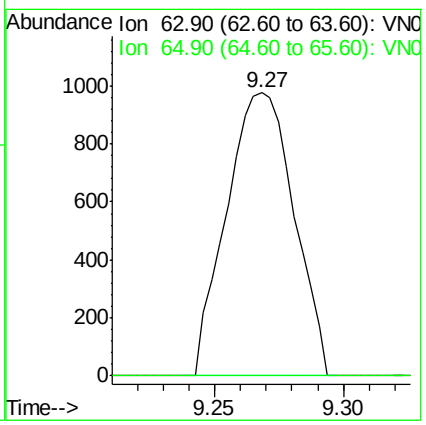


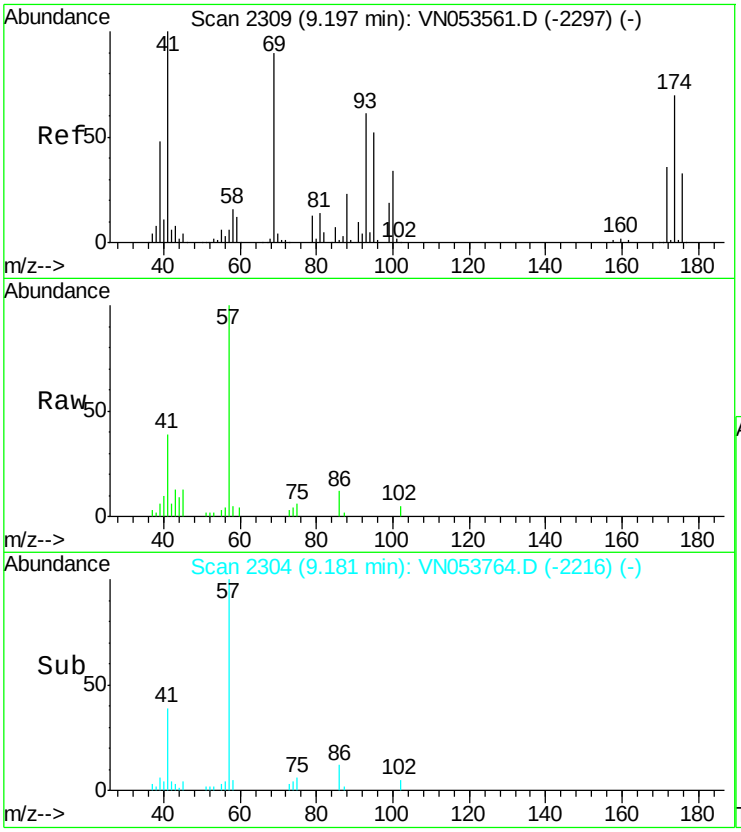


#45
1,2-Dichloropropane
Concen: 0.217 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 63 Resp: 1775

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#



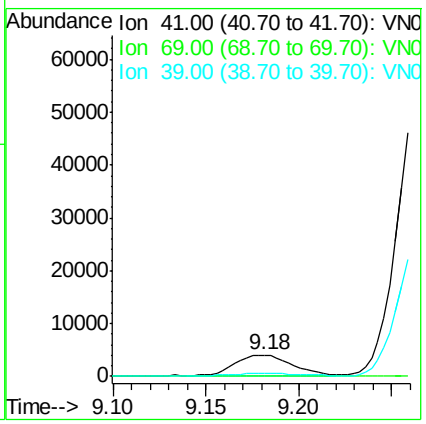


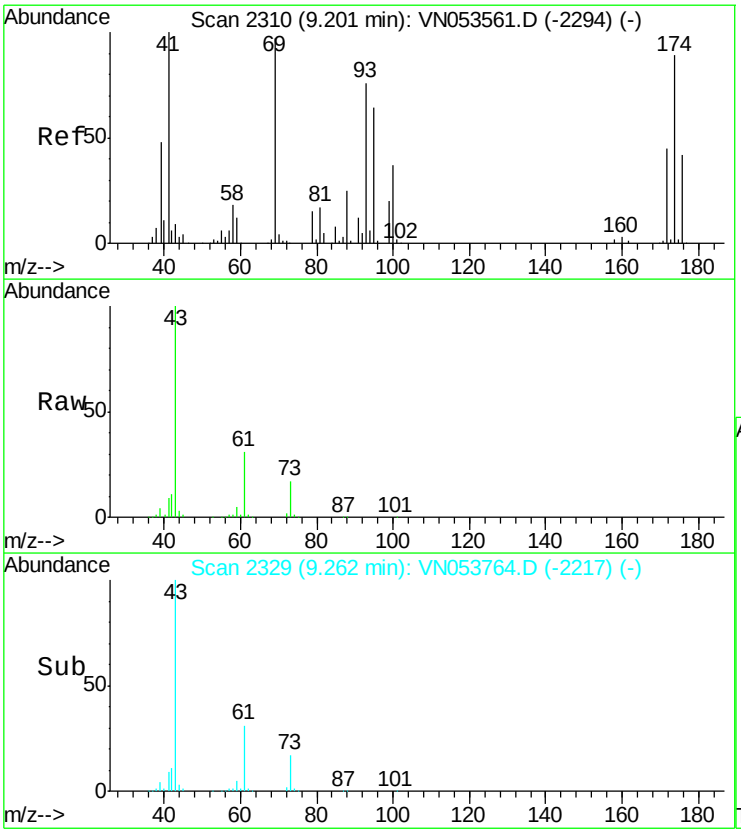
#48
Methyl methacrylate
Concen: 1.522 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument : MSVOA_N
ClientSampleId : JC-02-021119-N

Tgt Ion: 41 Resp: 8135

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.8	110.6#
39	0.0	40.0	60.0#

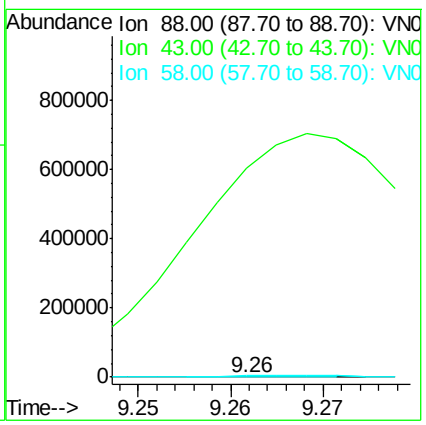


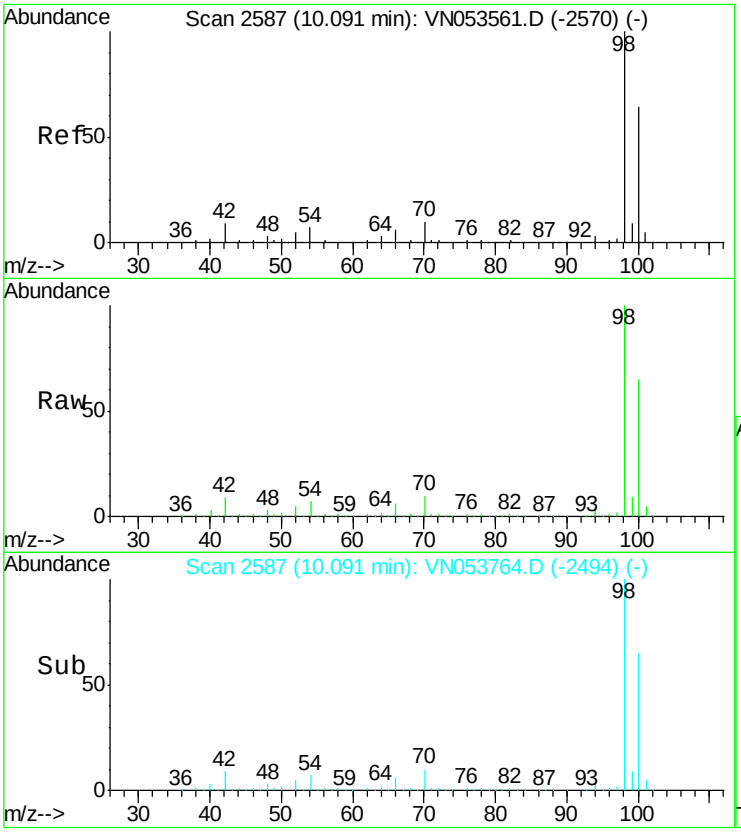


#49
1,4-Dioxane
Concen: 39.917 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	2185666.7	27.8	41.6#
58	11171.2	56.5	84.7#



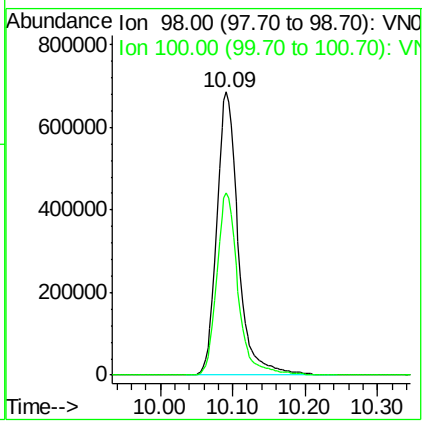


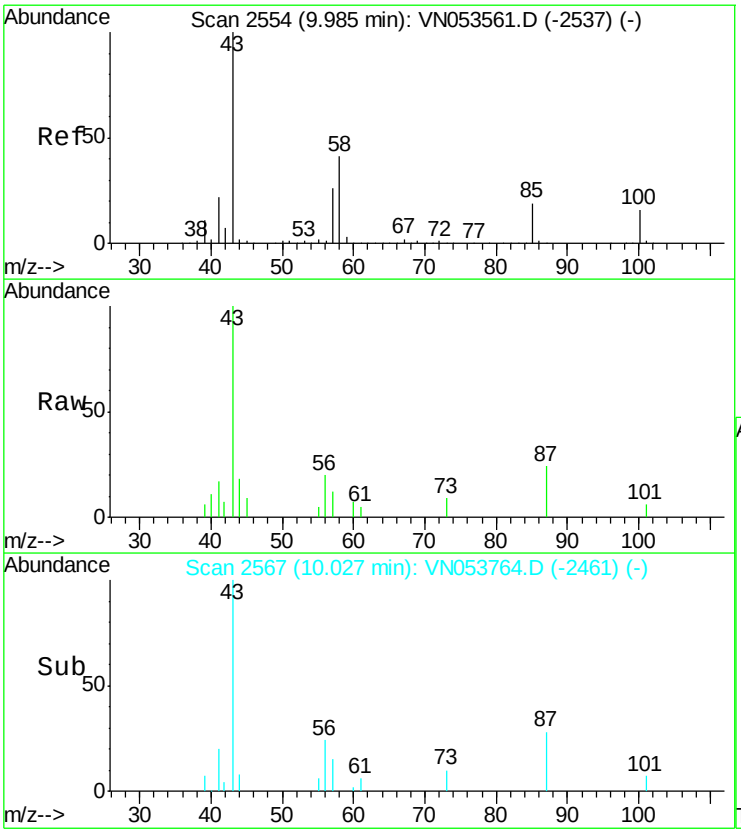
#50
Toluene-d8
Concen: 51.331 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

Tgt Ion: 98 Resp: 1402123

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0

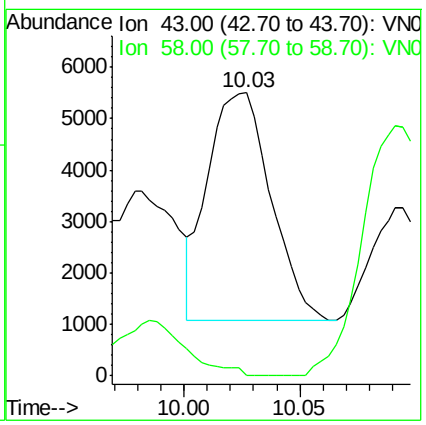


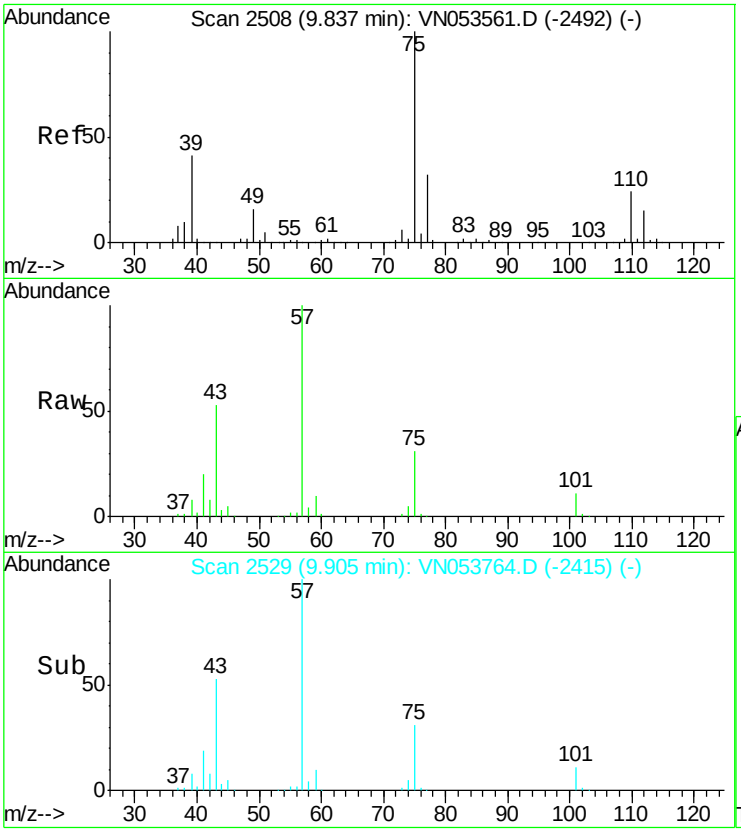


#51
4-Methyl-2-Pentanone
Concen: 1.524 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 43 Resp: 8384

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#



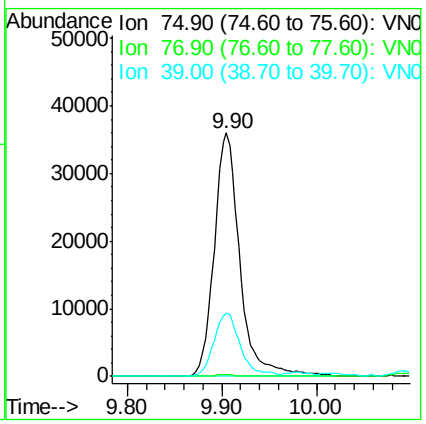


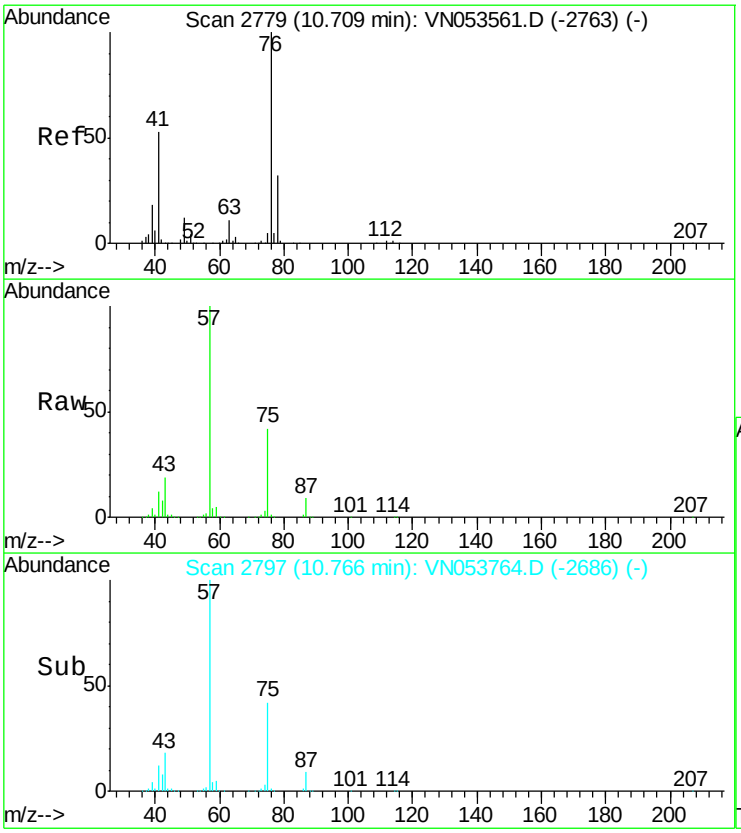
#54
cis-1,3-Dichloropropene
Concen: 5.559 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument : MSVOA_N
ClientSampleId : JC-02-021119-N

Tgt Ion: 75 Resp: 67671

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.8	38.6#
39	26.1	33.4	50.0#

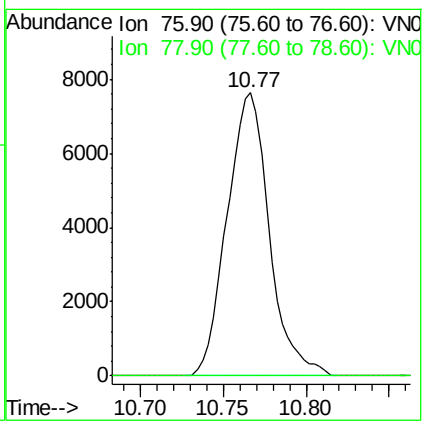


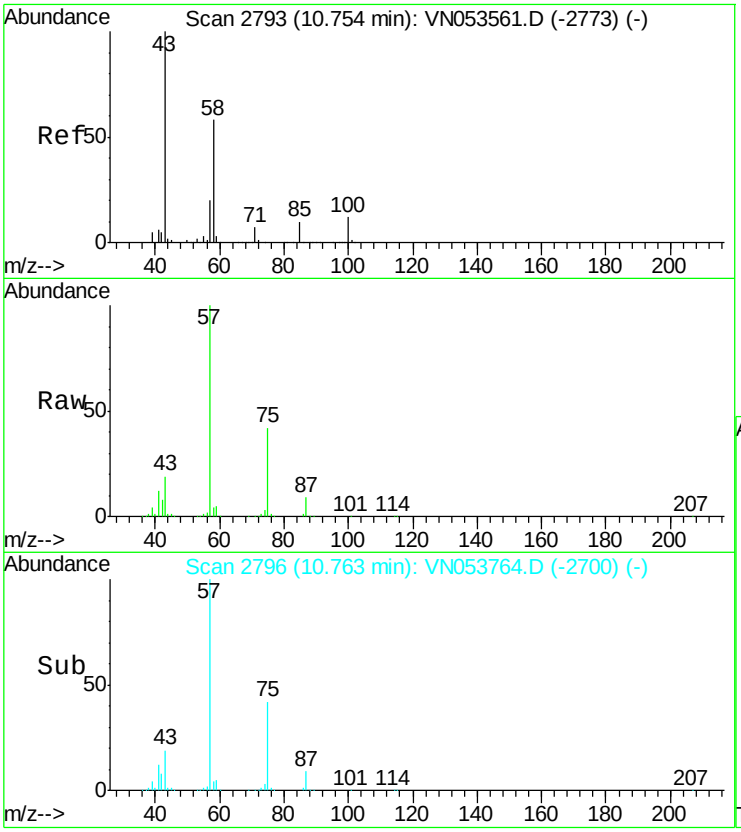


#57
1,3-Dichloropropane
Concen: 1.154 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 76 Resp: 13501

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



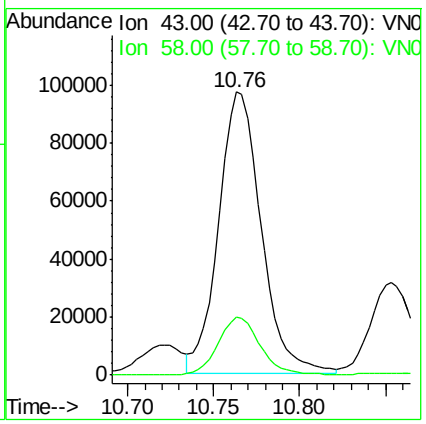


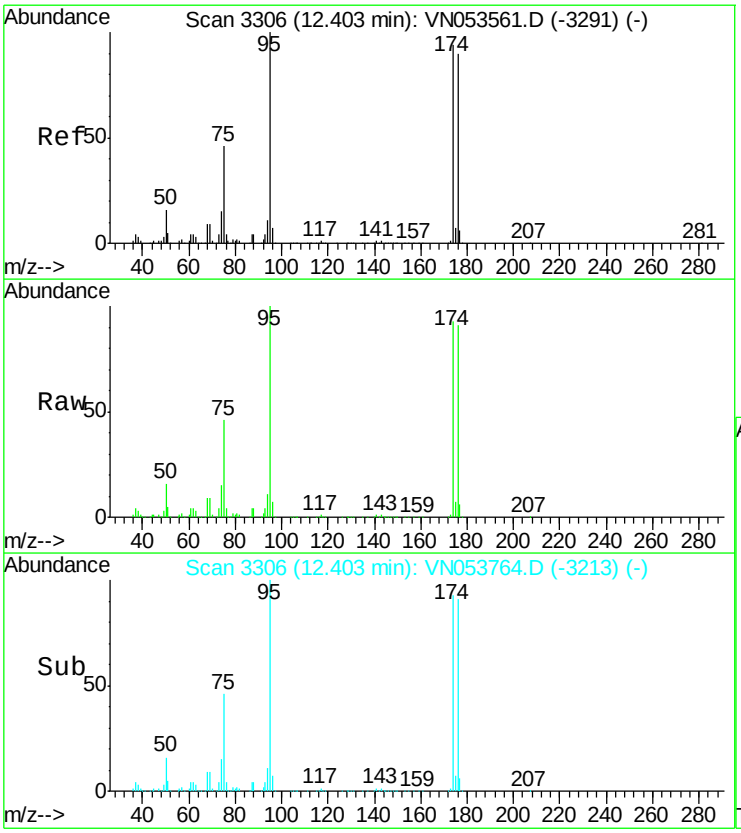
#59
2-Hexanone
Concen: 44.743 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

Tgt Ion: 43 Resp: 167084

Ion	Ratio	Lower	Upper
43	100		
58	20.8	28.6	85.8#

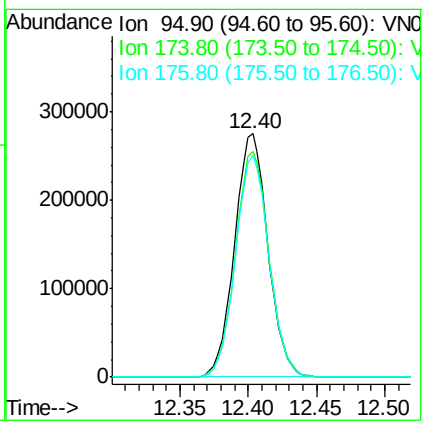


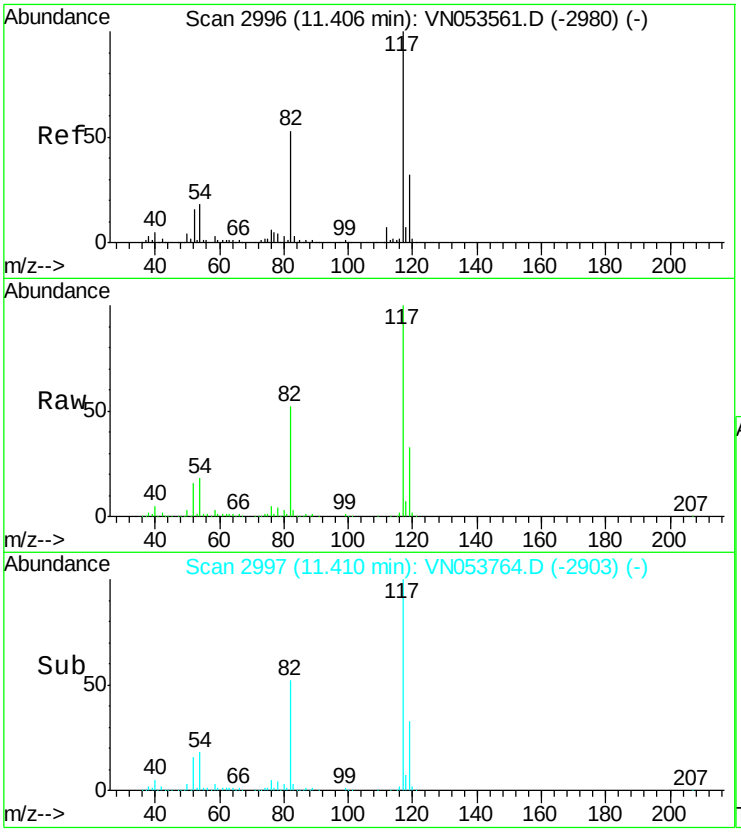


#62
4-Bromofluorobenzene
Concen: 51.163 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 95 Resp: 466107

Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	183.2
176	91.3	0.0	177.4



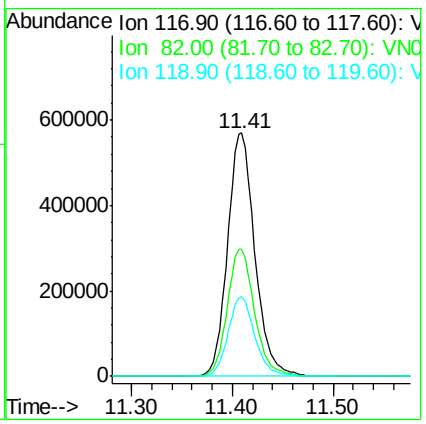


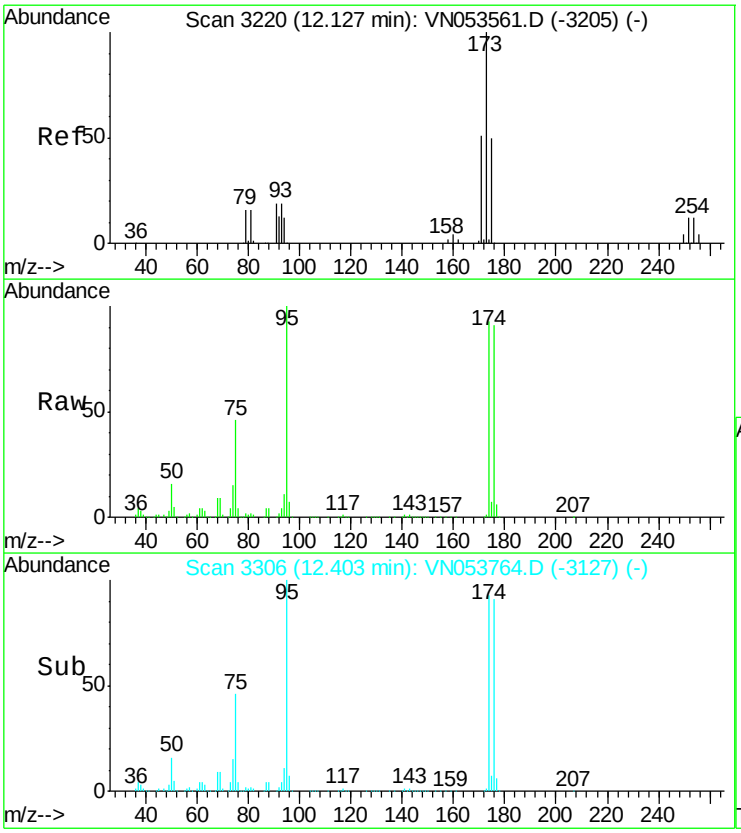
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument : MSVOA_N
ClientSampleId : JC-02-021119-N

Tgt Ion:117 Resp: 1075911

Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.9	64.3
119	32.7	26.0	39.0

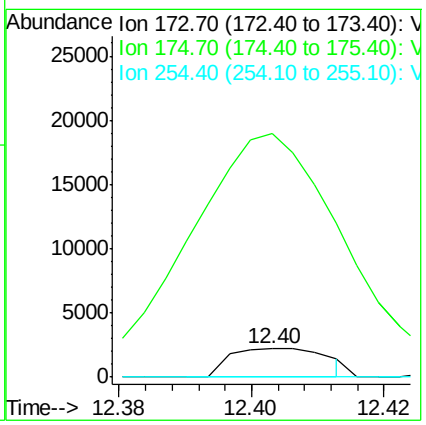


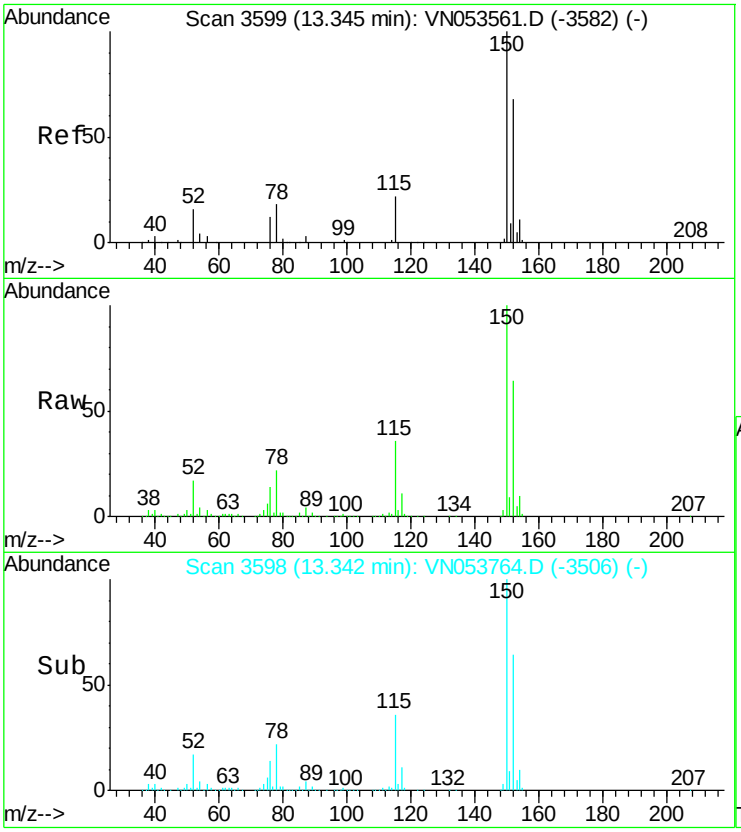


#71
Bromoform
Concen: 0.410 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion:173 Resp: 2246

Ion	Ratio	Lower	Upper
173	100		
175	1210.5	24.6	74.0#
254	0.0	0.2	0.2#



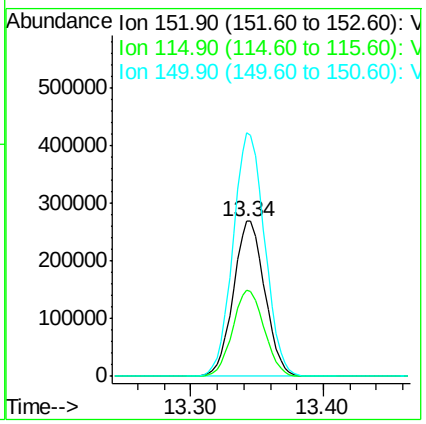


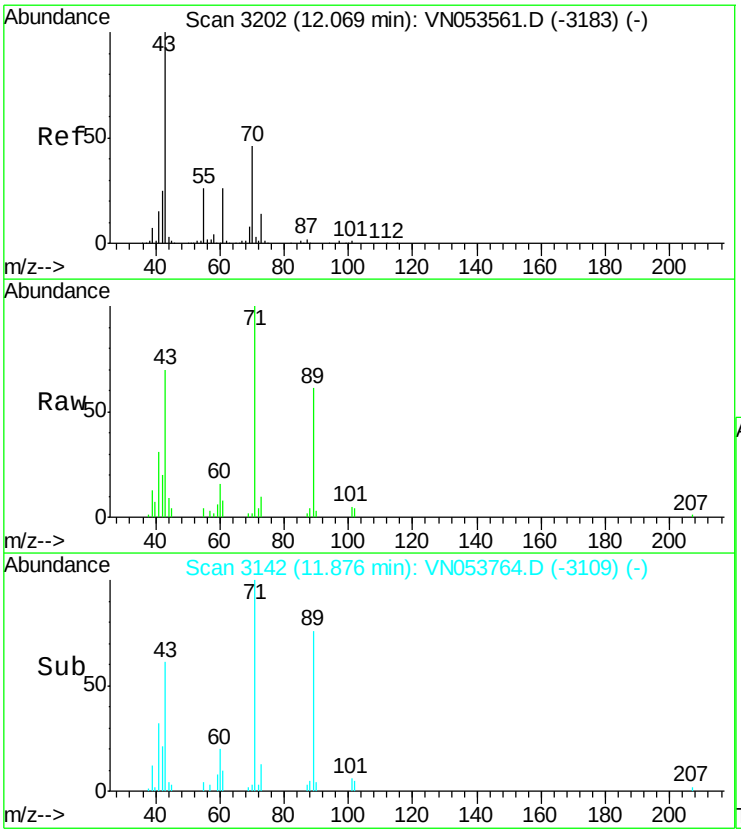
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument : MSVOA_N
ClientSampleId : JC-02-021119-N

Tgt Ion:152 Resp: 442371

Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.8	83.4
150	158.4	0.0	349.0

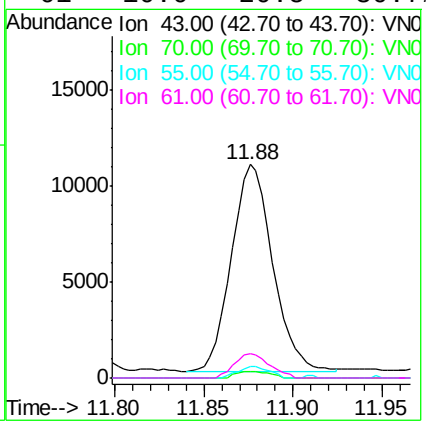


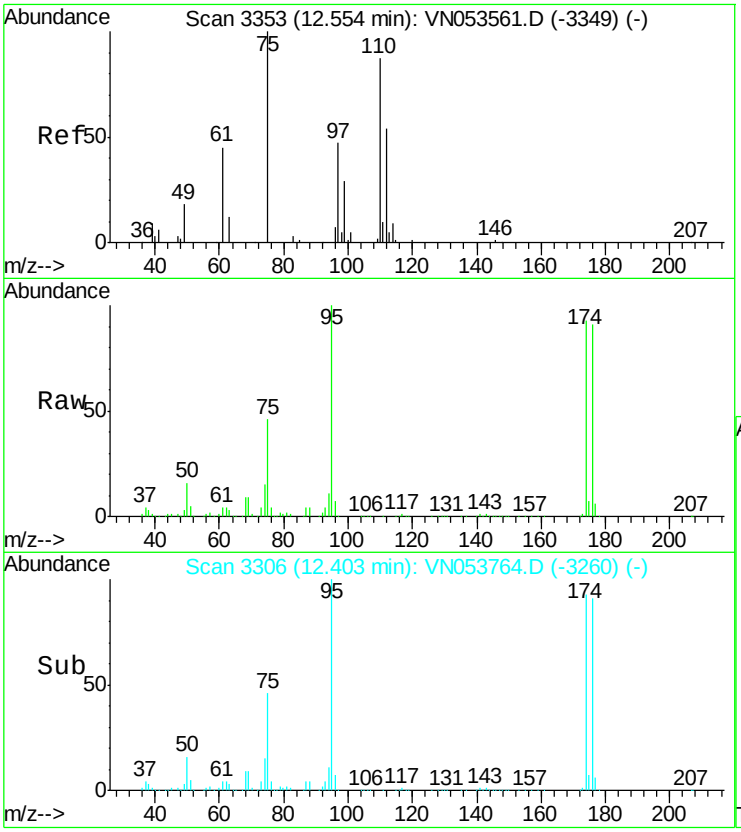


#74
N-amyl acetate
Concen: 2.336 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion: 43 Resp: 17472

Ion	Ratio	Lower	Upper
43	100		
70	2.5	35.4	53.2#
55	4.3	20.9	31.3#
61	10.0	20.5	30.7#



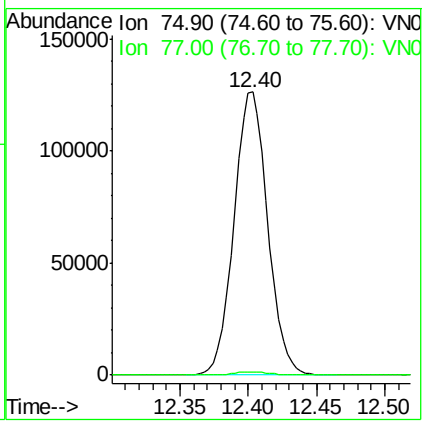


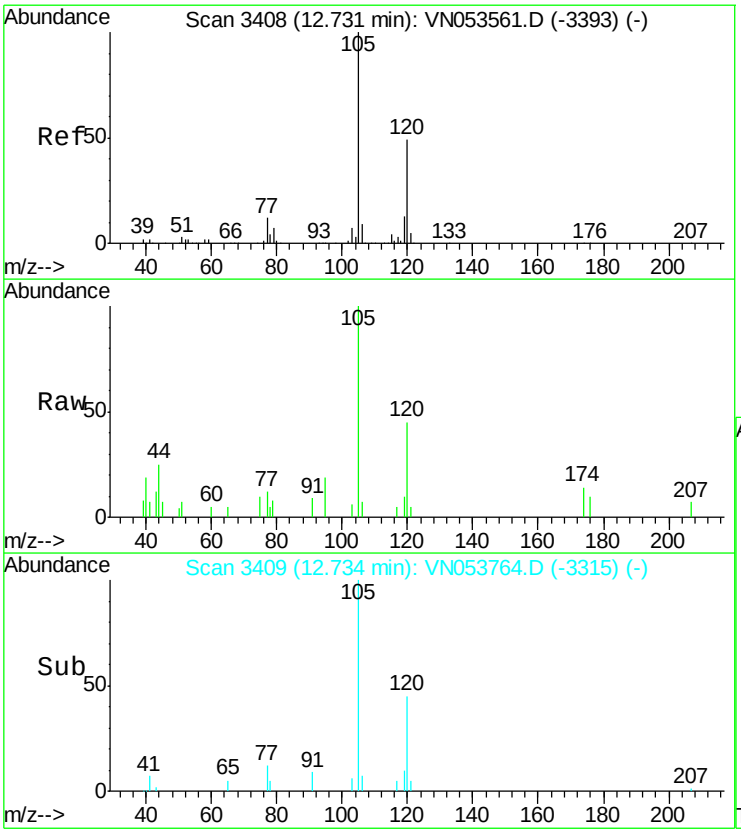
#76
1,2,3-Trichloropropane
Concen: 38.017 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

Tgt Ion: 75 Resp: 216010

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

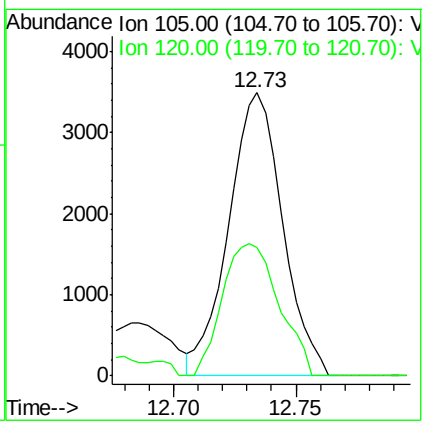


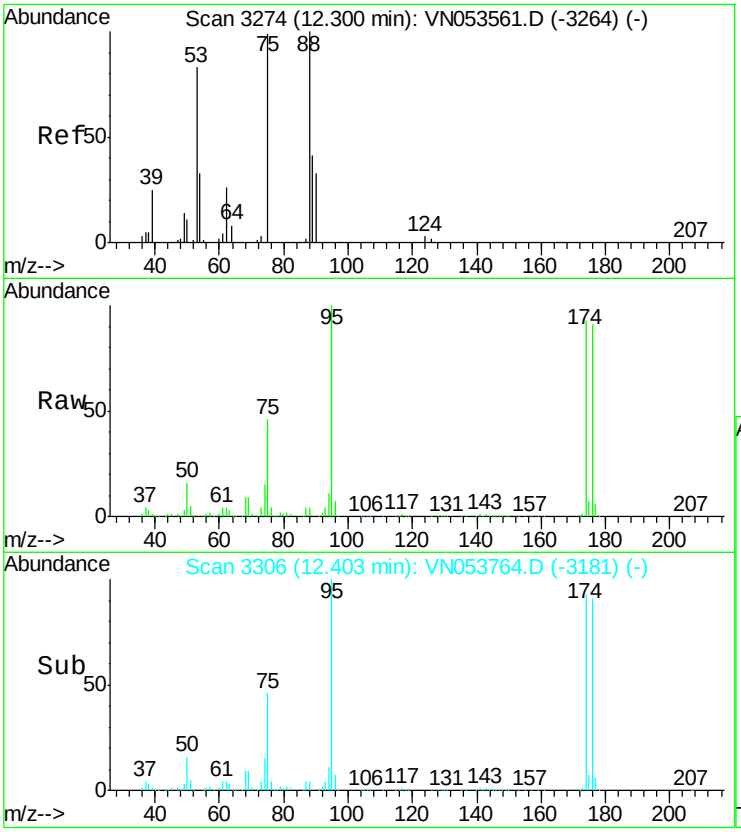


#80
1,3,5-Trimethylbenzene
Concen: 0.208 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion:105 Resp: 5362

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.9	74.6



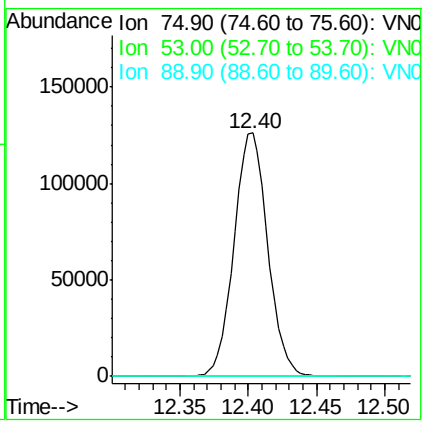


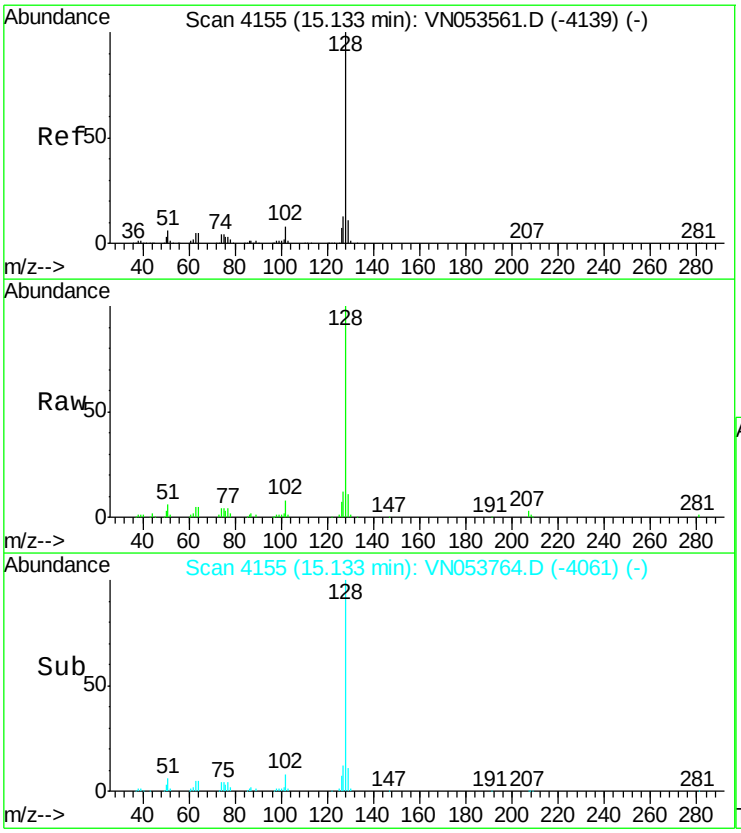
#81
trans-1,4-Dichloro-2-butene
Concen: 106.900 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

Tgt Ion: 75 Resp: 216010

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#





#95
Naphthalene
Concen: 7.567 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion:128 Resp: 117379

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	11.4	8.6	13.0