Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021919\
Data File : VN053861.D
Acq On : 19 Feb 2019 11:34
Operator : JC/SP
Sample : K1525-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : M-14-S

Quant Time: Feb 20 03:17:02 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	623174	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1041127	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	987829	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	388225	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	343094	54.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.76%				
35) Dibromofluoromethane	7.59	113	331004	50.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.64%				
50) Toluene-d8	10.09	98	1270614	51.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.88%				
62) 4-Bromofluorobenzene	12.40	95	417398	50.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.34%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	351	0.387	ug/l	#	42
14) Allyl chloride	4.54	41	1955	0.213	ug/l	#	27
16) Acetone	3.82	43	22129	13.800	ug/l		99
18) Methyl Acetate	4.33	43	1311	0.276	ug/l		93
20) Methylene Chloride	4.55	84	126473	18.799	ug/l		97
25) 2-Butanone	6.85	43	1672	0.731	ug/l	#	47
29) Tetrahydrofuran	7.21	42	666	0.454	ug/l	#	33
30) Chloroform	7.37	83	2720	0.242	ug/l		89
31) Cyclohexane	7.67	56	9761	0.756	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	36631	3.903	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	50604	5.352	ug/l	#	16
43) Isopropyl Acetate	8.18	43	26225	2.591	ug/l	#	84
45) 1,2-Dichloropropane	9.27	63	1649	0.223	ug/l	#	43
48) Methyl methacrylate	9.18	41	8887	1.839	ug/l	#	12
49) 1,4-Dioxane	9.27	88	99	40.457	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	7434	1.494	ug/l	#	34
54) cis-1,3-Dichloropropene	9.90	75	63019	5.724	ug/l	#	62
57) 1,3-Dichloropropane	10.76	76	12365	1.169	ug/l	#	43
59) 2-Hexanone	10.76	43	155577	46.071	ug/l	#	52
68) m/p-Xylenes	11.62	106	2933	0.223	ug/l		97
71) Bromoform	12.40	173	3315	0.660	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	190811	38.265	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	8880	0.392	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.40	75	190811	107.599	ug/l	#	15
84) 1,2,4-Trimethylbenzene	13.04	105	10274	0.446	ug/l		95
93) 1,2,4-Trichlorobenzene	14.91	180	1492	0.206	ug/l		87
95) Naphthalene	15.13	128	6823	2.122	ug/l	#	93
96) 1,2,3-Trichlorobenzene	15.31	180	2089	0.310	ug/l		93

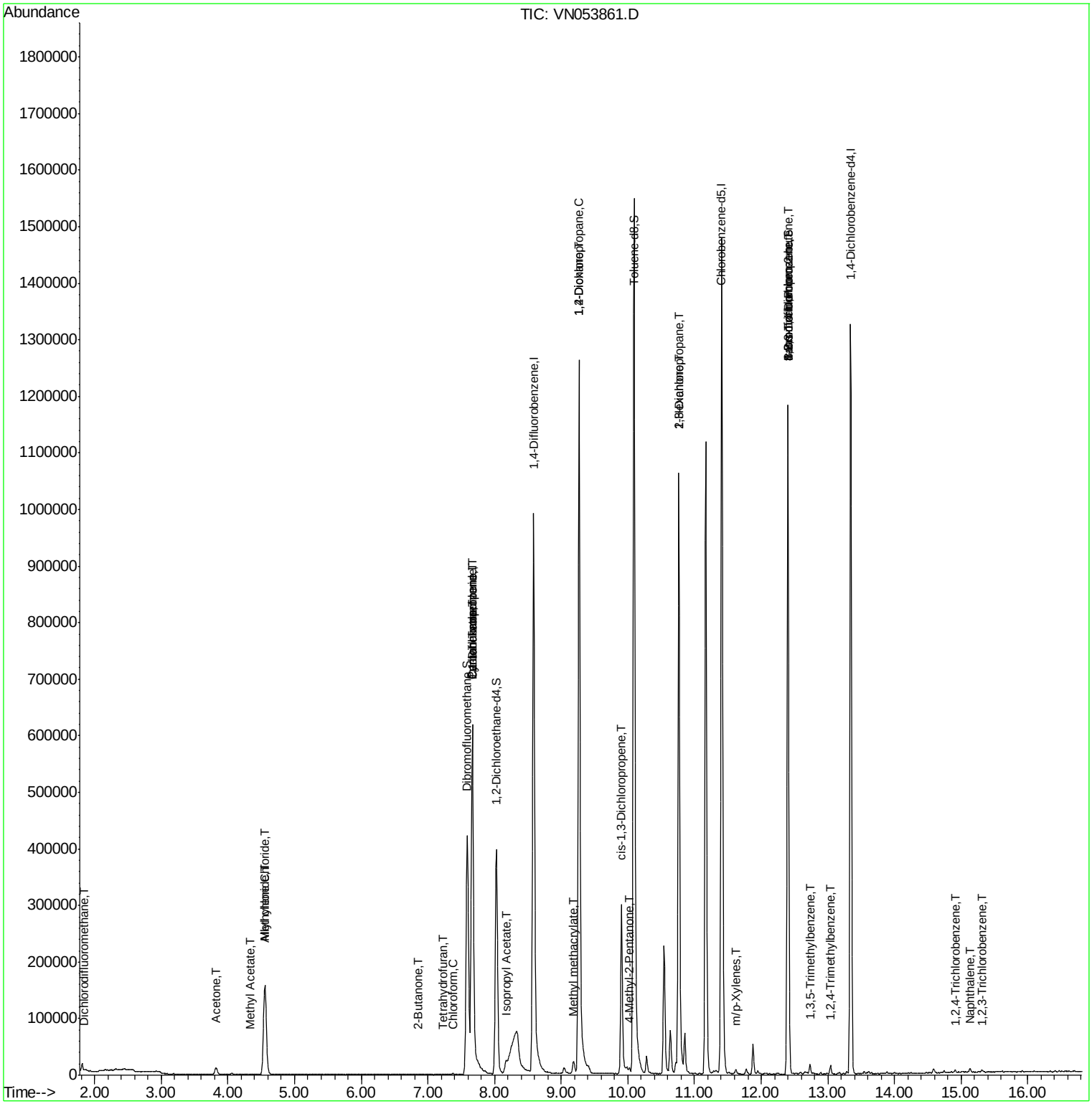
(#) = qualifier out of range (m) = manual integration (+) = signals summed

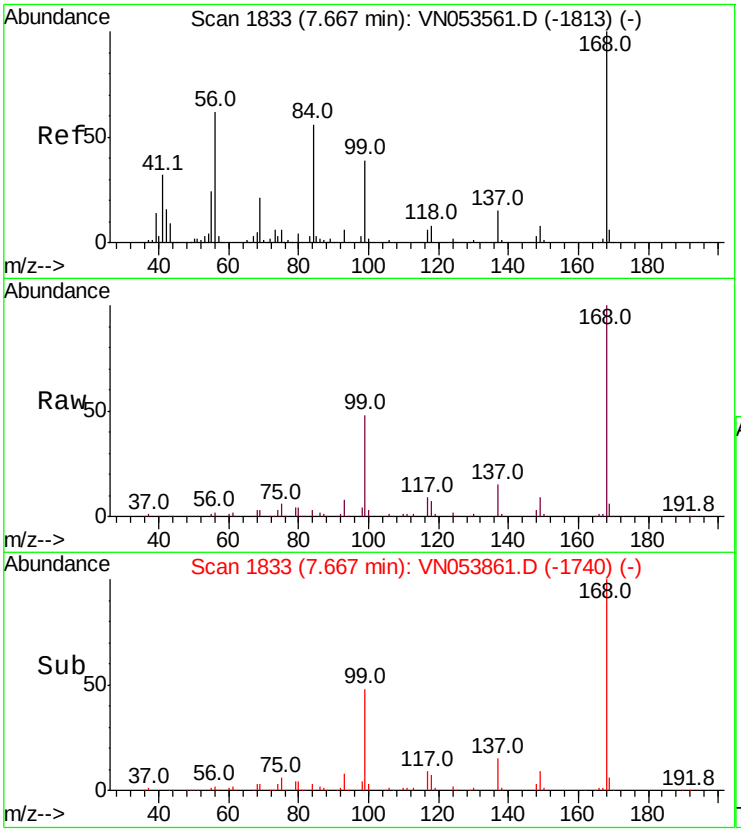
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021919\
Data File : VN053861.D
Acq On : 19 Feb 2019 11:34
Operator : JC/SP
Sample : K1525-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : M-14-S

Quant Time: Feb 20 03:17:02 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



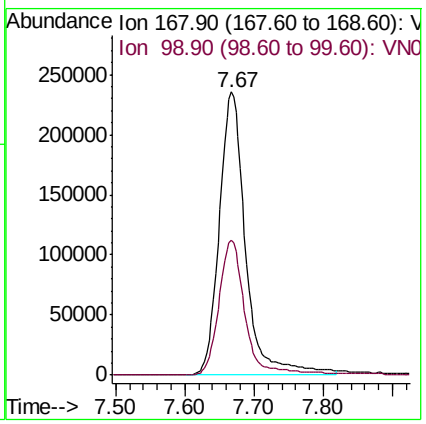


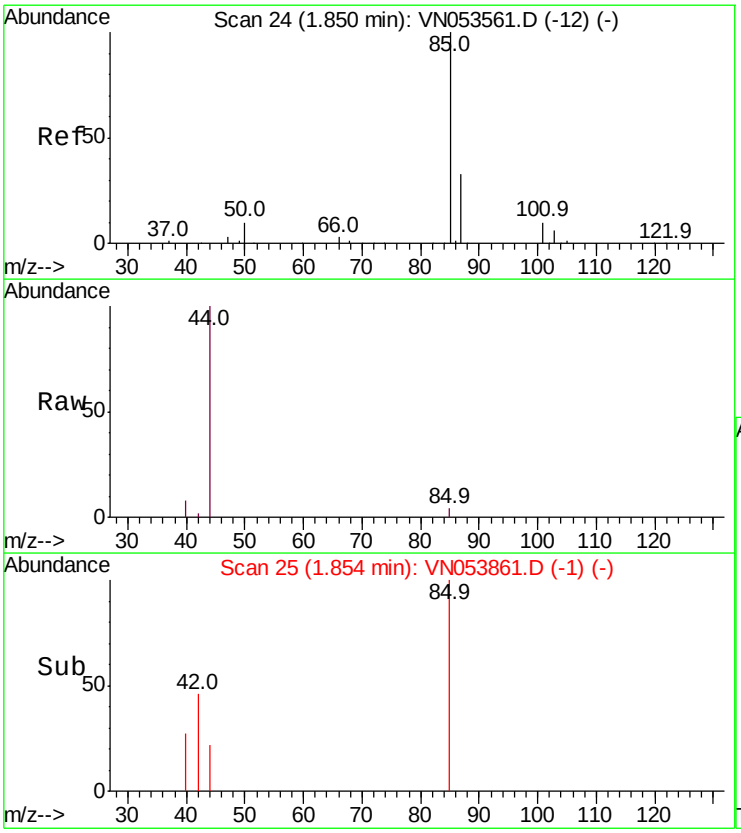
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
M-14-S

Tgt Ion:168 Resp: 623174

Ion	Ratio	Lower	Upper
168	100		
99	47.5	39.1	58.7

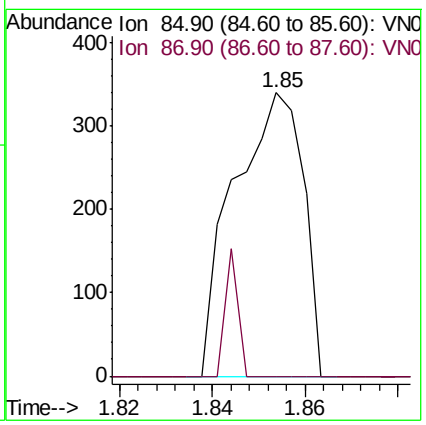


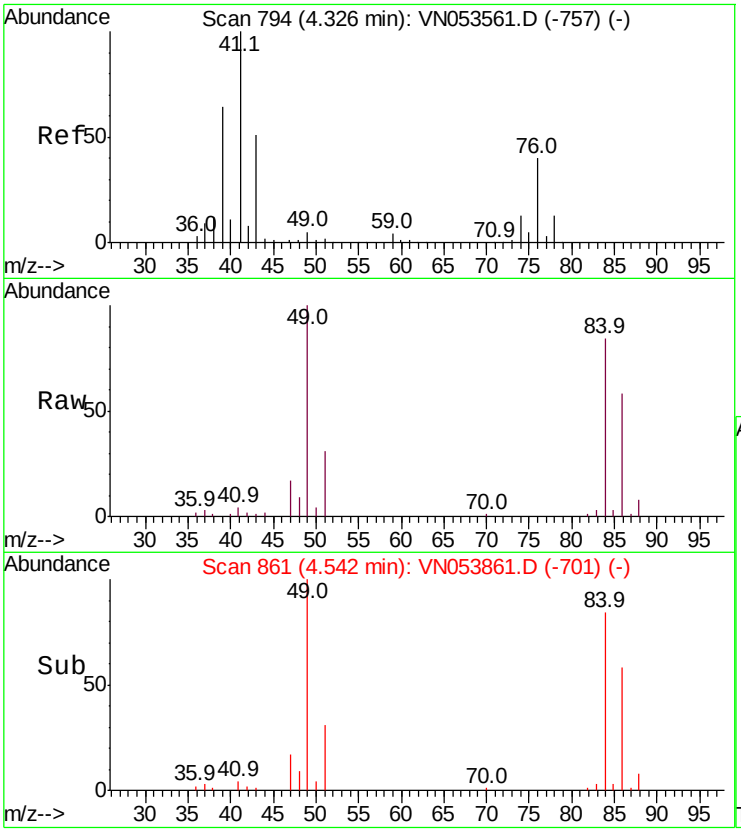


#2
Dichlorodifluoromethane
Concen: 0.387 ug/l
RT: 1.85 min Scan# 25
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 85 Resp: 351

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



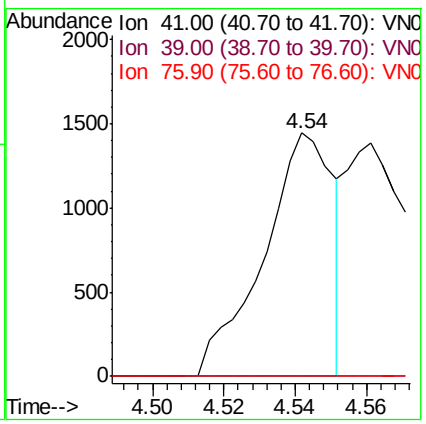


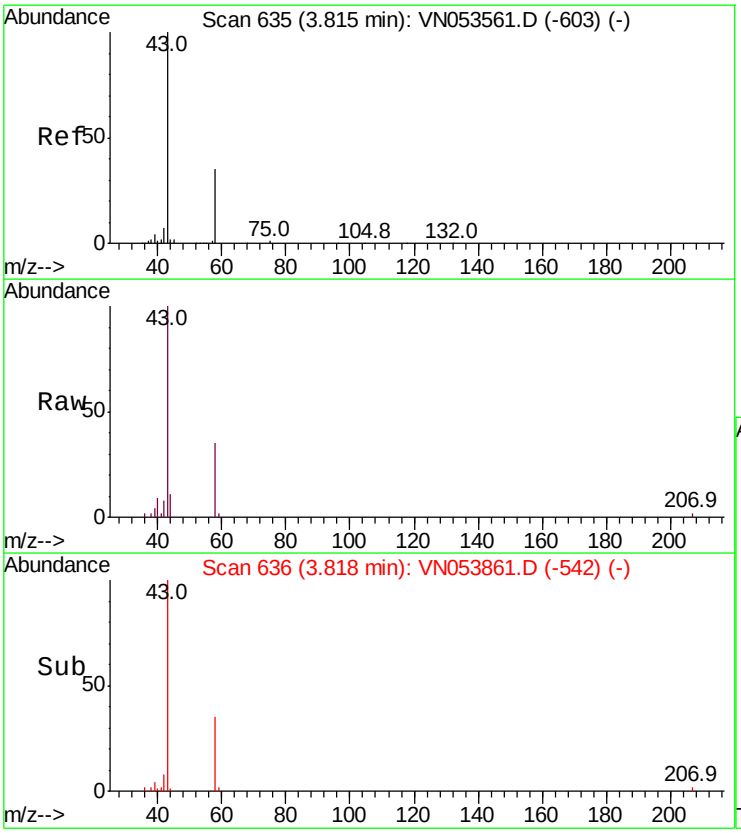
#14
Allyl chloride
Concen: 0.213 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.22 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion: 41 Resp: 1955

Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.9	73.3#
76	0.0	29.4	44.2#

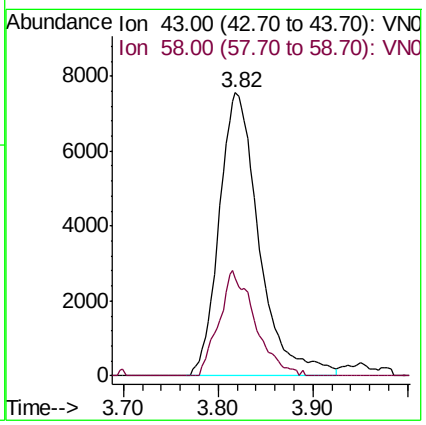


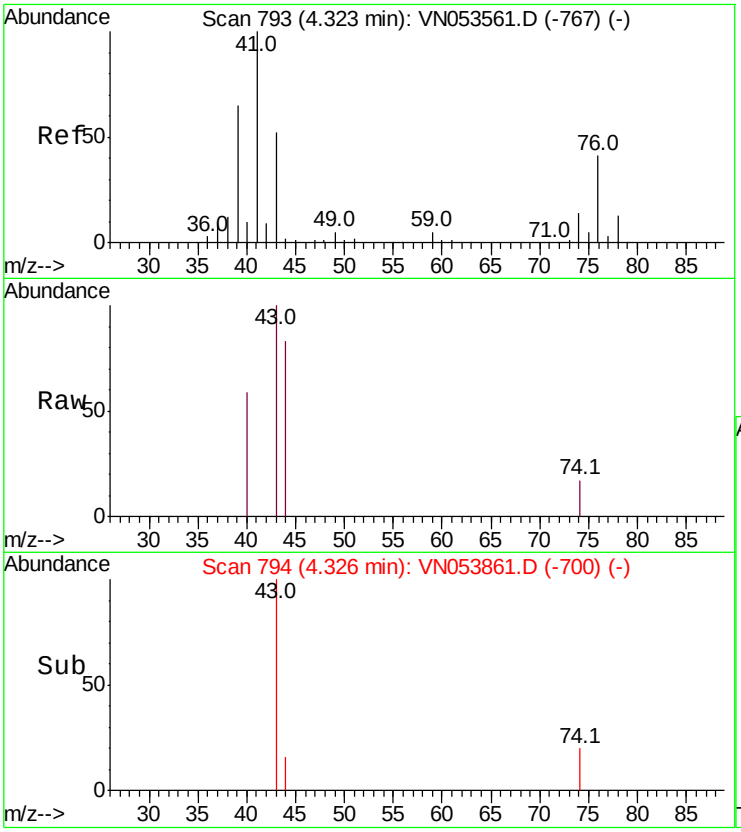


#16
Acetone
Concen: 13.800 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 43 Resp: 22129

Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.1	40.7



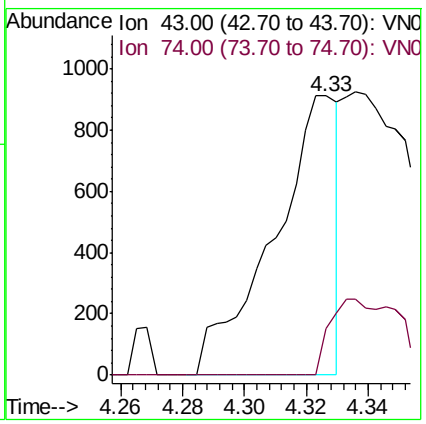


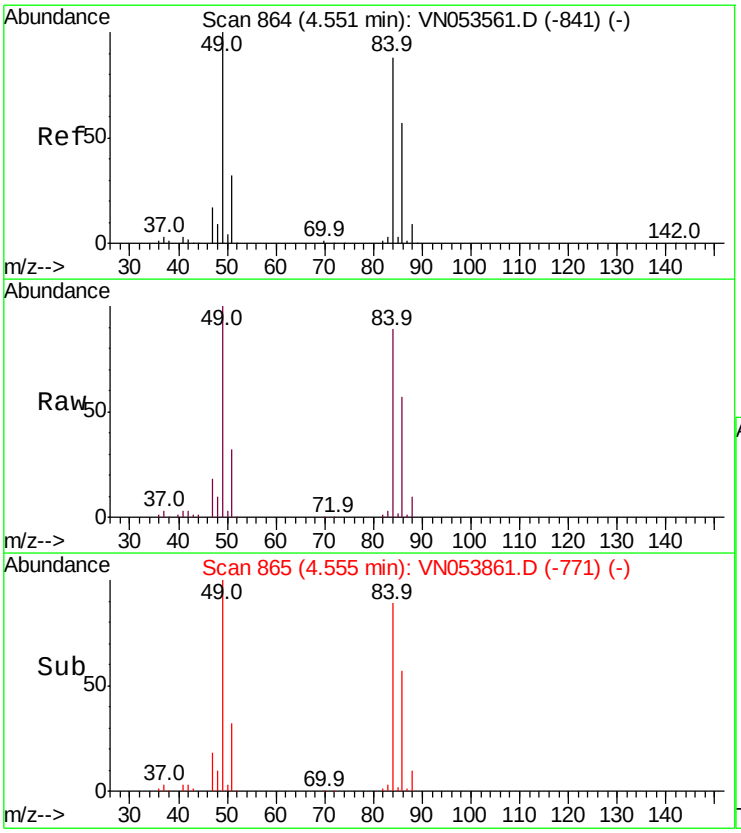
#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion: 43 Resp: 1311

Ion	Ratio	Lower	Upper
43	100		
74	28.0	19.4	29.2

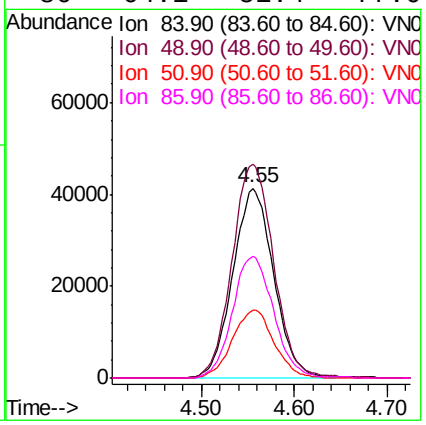


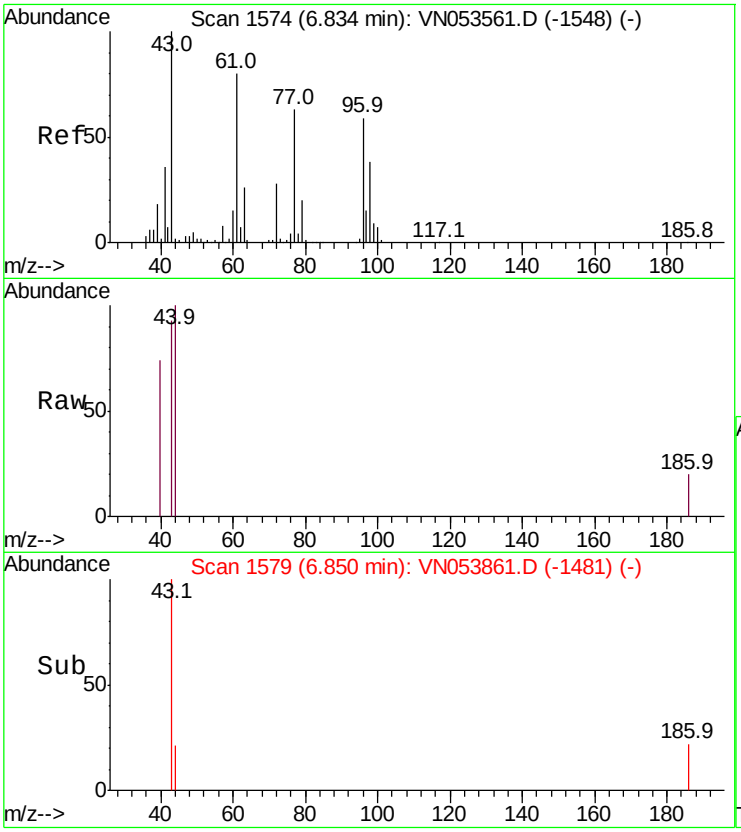


#20
Methylene Chloride
Concen: 18.799 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 84 Resp: 126473

Ion	Ratio	Lower	Upper
84	100		
49	112.5	94.3	141.5
51	35.5	29.4	44.2
86	64.1	51.4	77.0



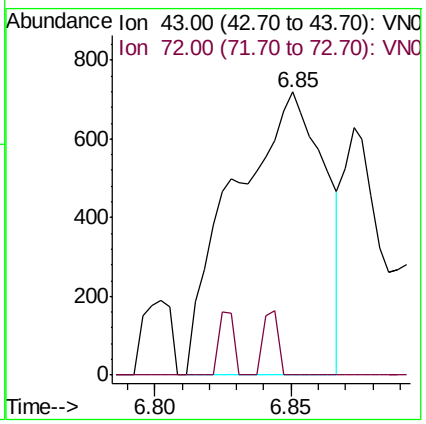


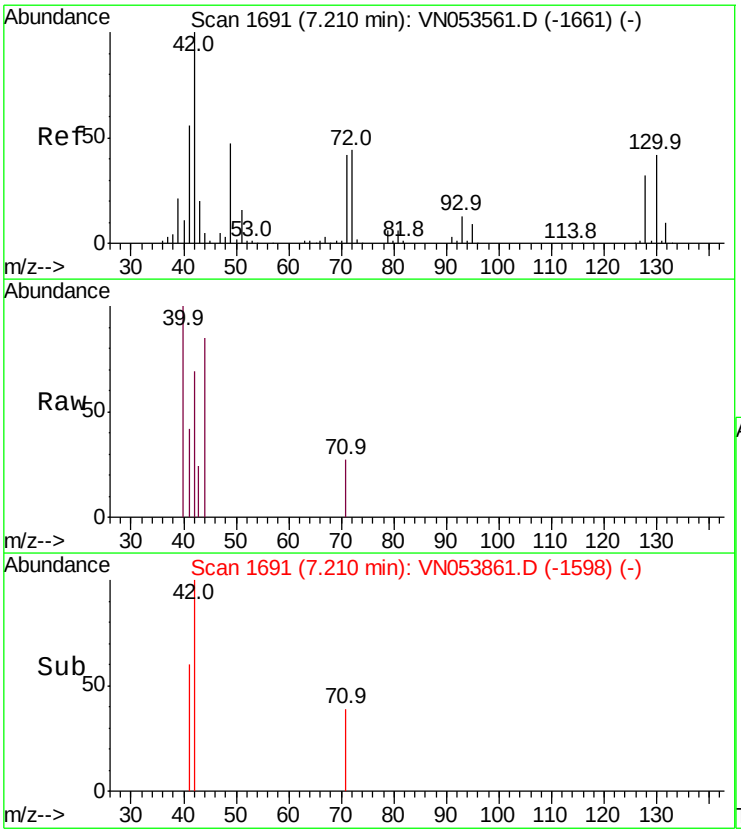
#25
2-Butanone
Concen: 0.731 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
M-14-S

Tgt Ion: 43 Resp: 1672

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#

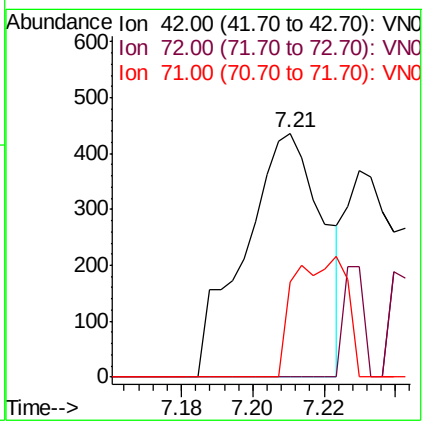


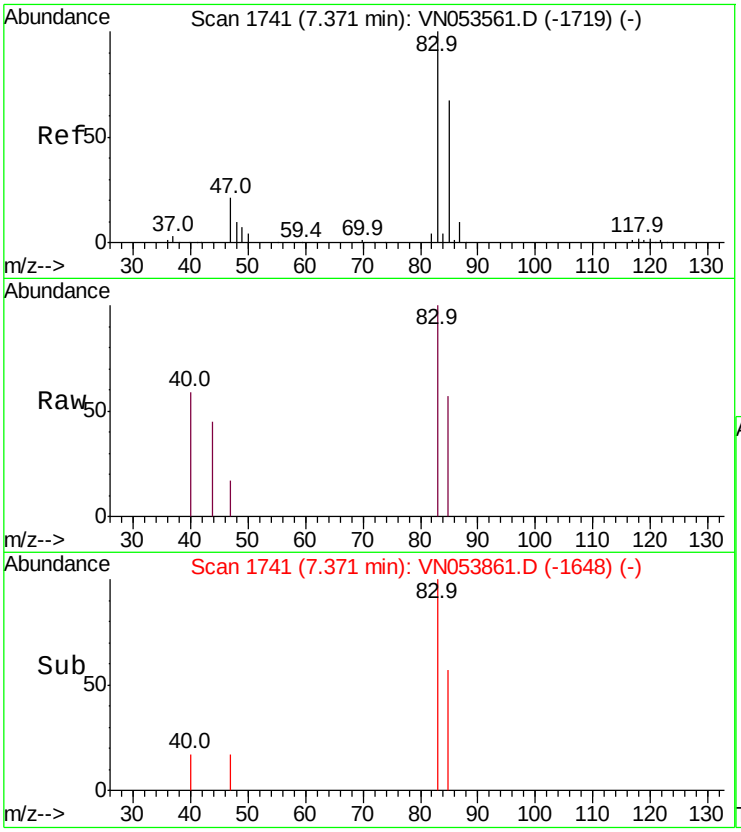


#29
Tetrahydrofuran
Concen: 0.454 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 42 Resp: 666

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.2	52.8#
71	0.0	33.0	49.4#



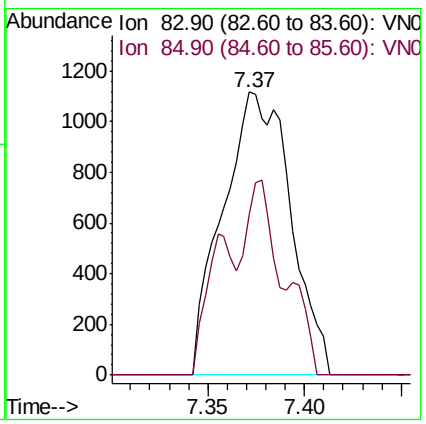


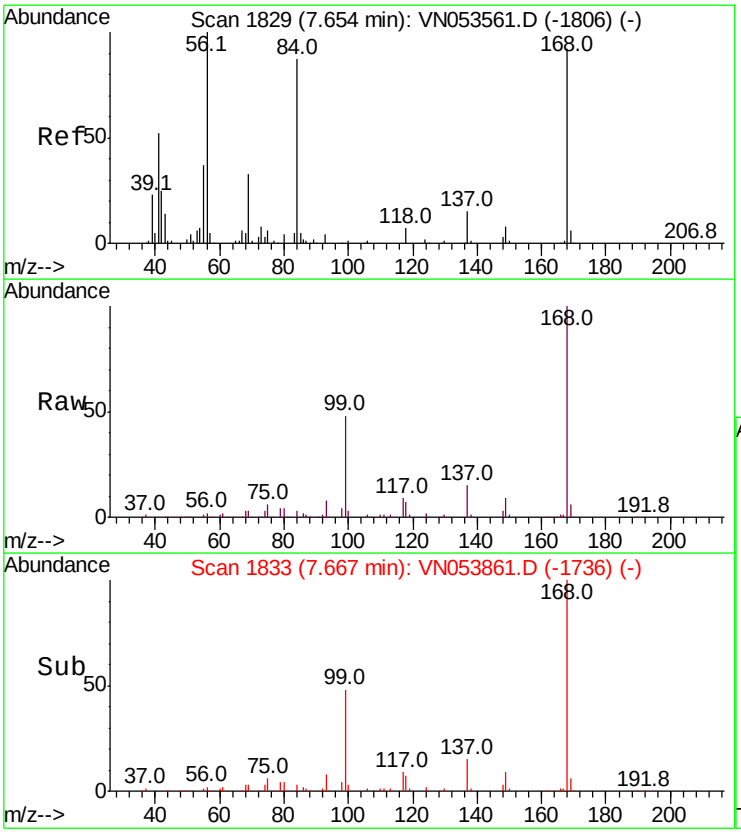
#30
Chloroform
Concen: 0.242 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
M-14-S

Tgt Ion: 83 Resp: 2720

Ion	Ratio	Lower	Upper
83	100		
85	56.6	52.2	78.2

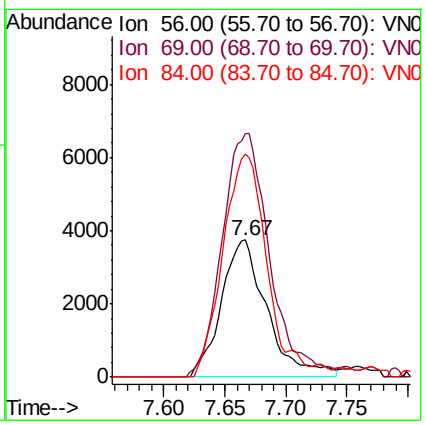


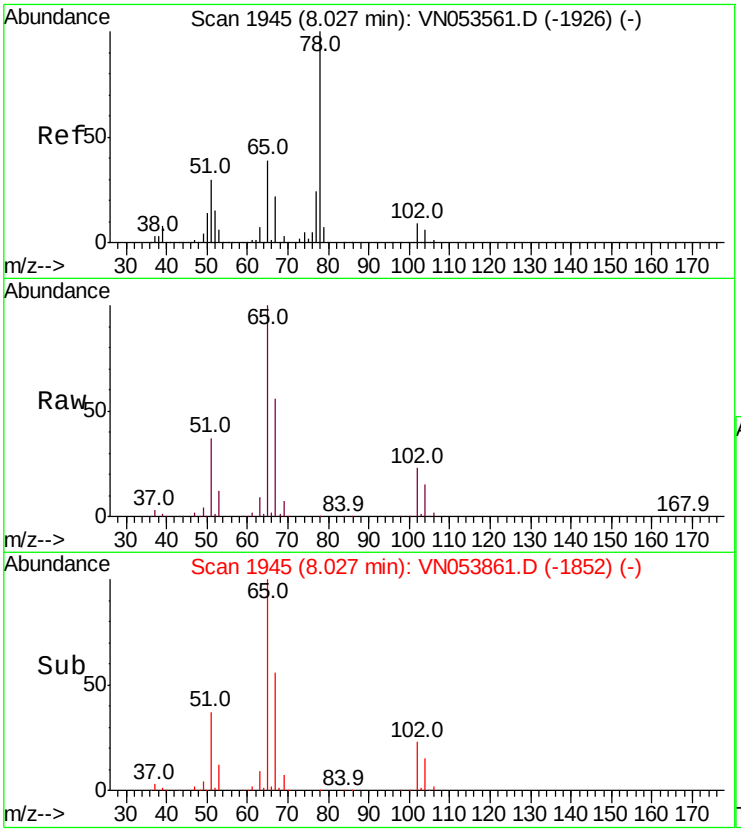


#31
Cyclohexane
Concen: 0.756 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 56 Resp: 9761

Ion	Ratio	Lower	Upper
56	100		
69	177.8	26.4	39.6#
84	162.6	67.9	101.9#



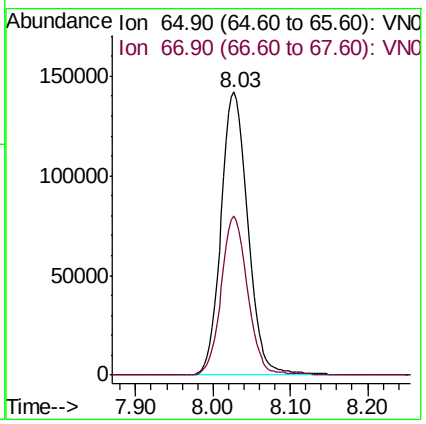


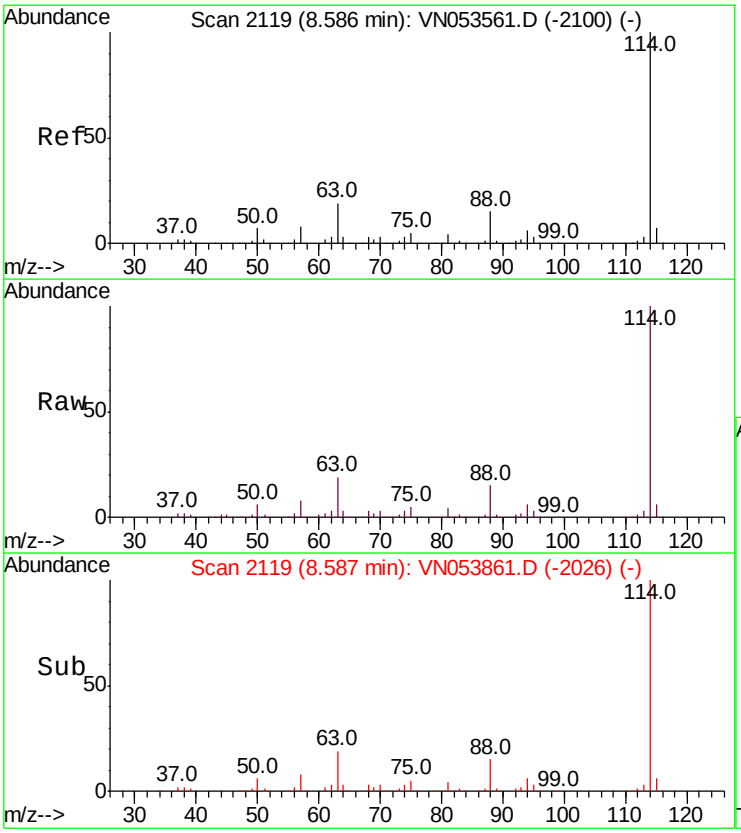
#33
1,2-Dichloroethane-d4
Concen: 54.881 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
M-14-S

Tgt Ion: 65 Resp: 343094

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.2

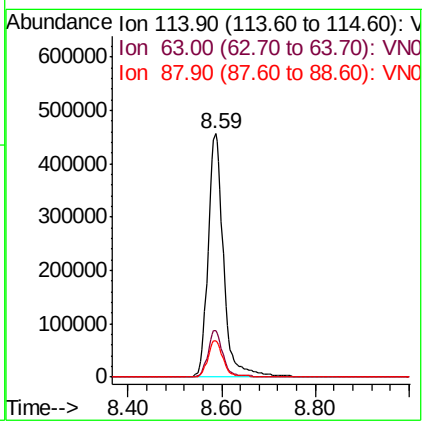


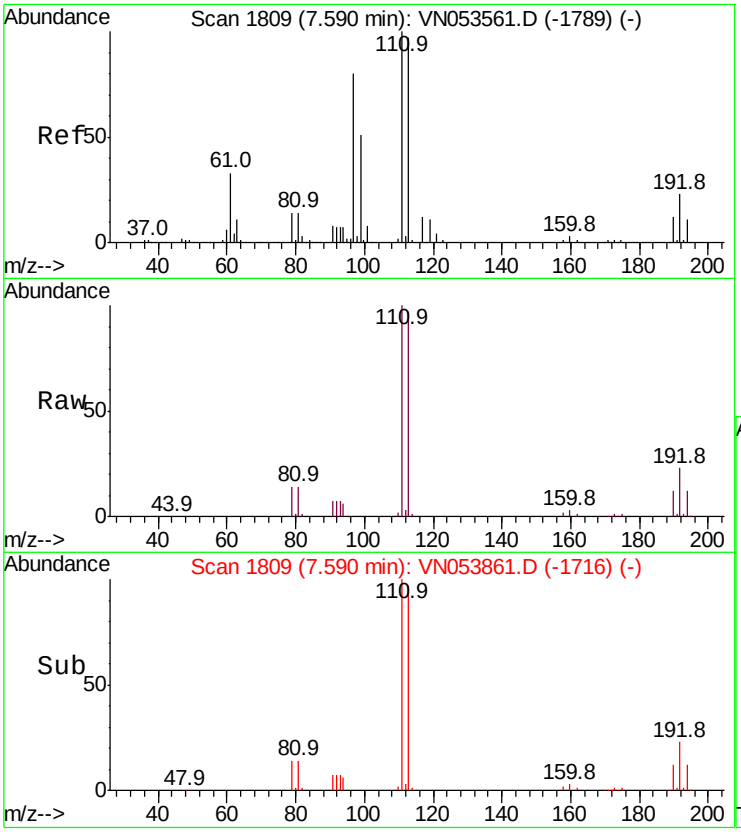


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion:114 Resp: 1041127

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.6
88	15.0	0.0	30.4



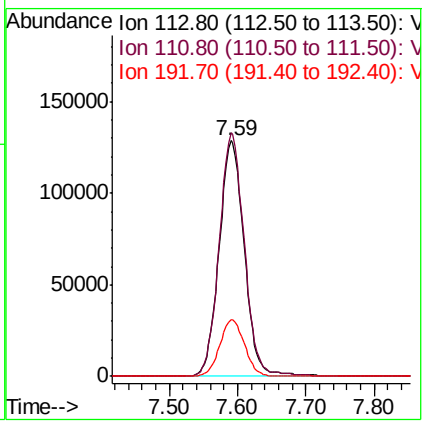


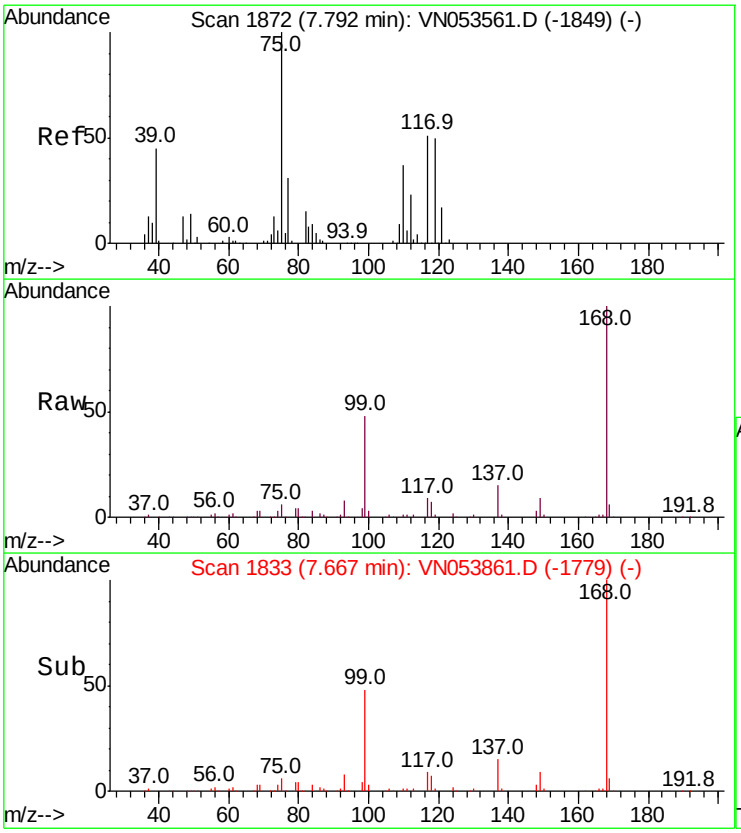
#35
Dibromofluoromethane
Concen: 50.315 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion:113 Resp: 331004

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	23.6	18.2	27.2

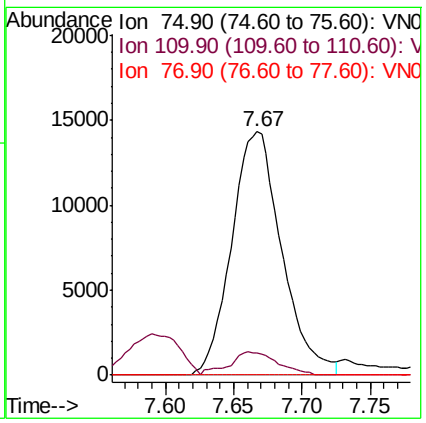


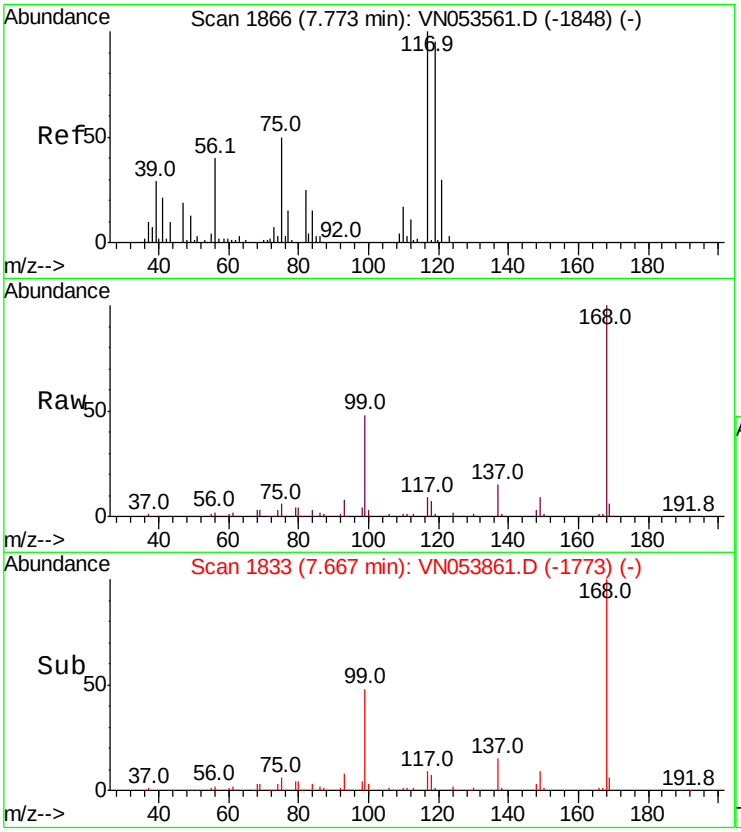


#36
1,1-Dichloropropene
Concen: 3.903 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 75 Resp: 36631

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.3#
77	0.0	25.1	37.7#



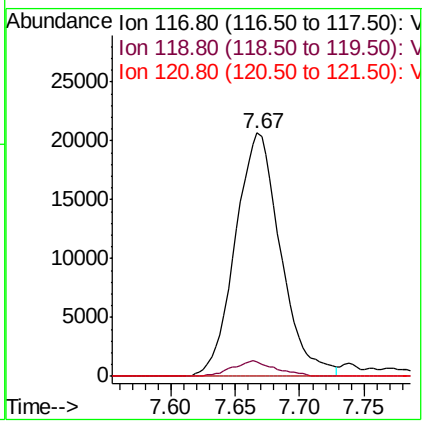


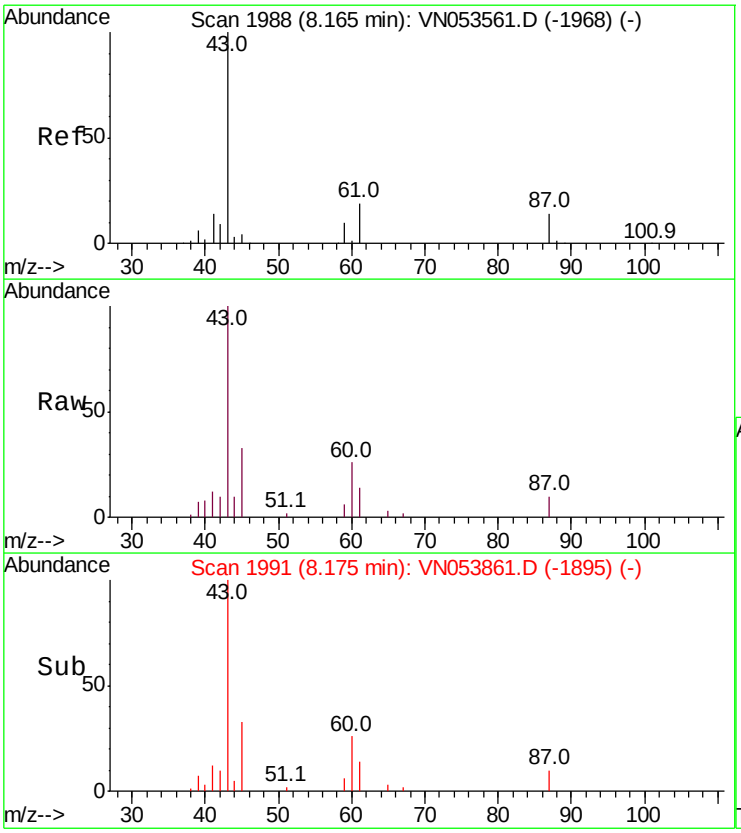
#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion:117 Resp: 50604

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.2	115.8#
121	0.0	24.6	37.0#

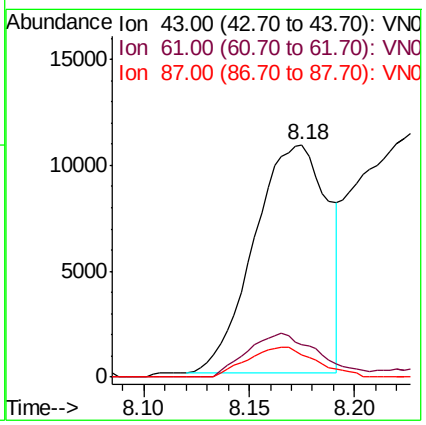


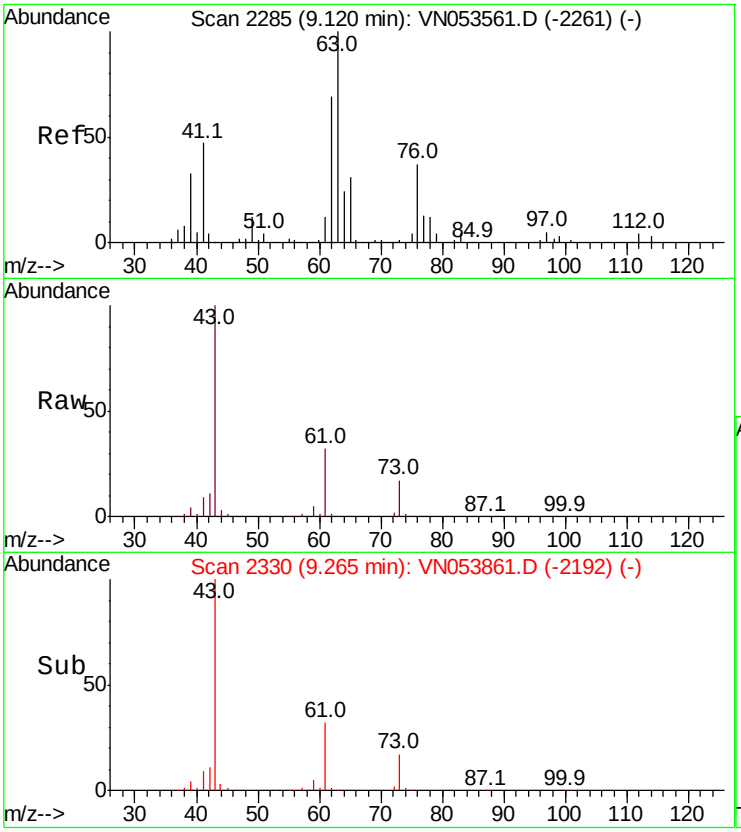


#43
Isopropyl Acetate
Concen: 2.591 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 43 Resp: 26225

Ion	Ratio	Lower	Upper
43	100		
61	18.5	23.9	35.9#
87	12.1	11.0	16.6



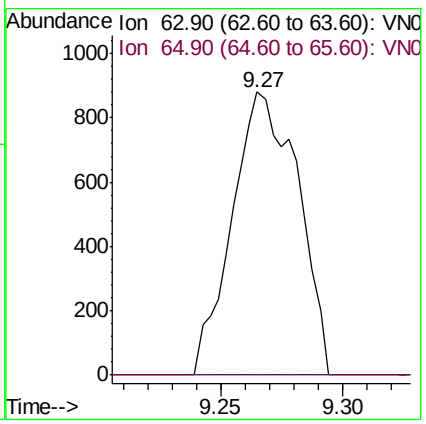


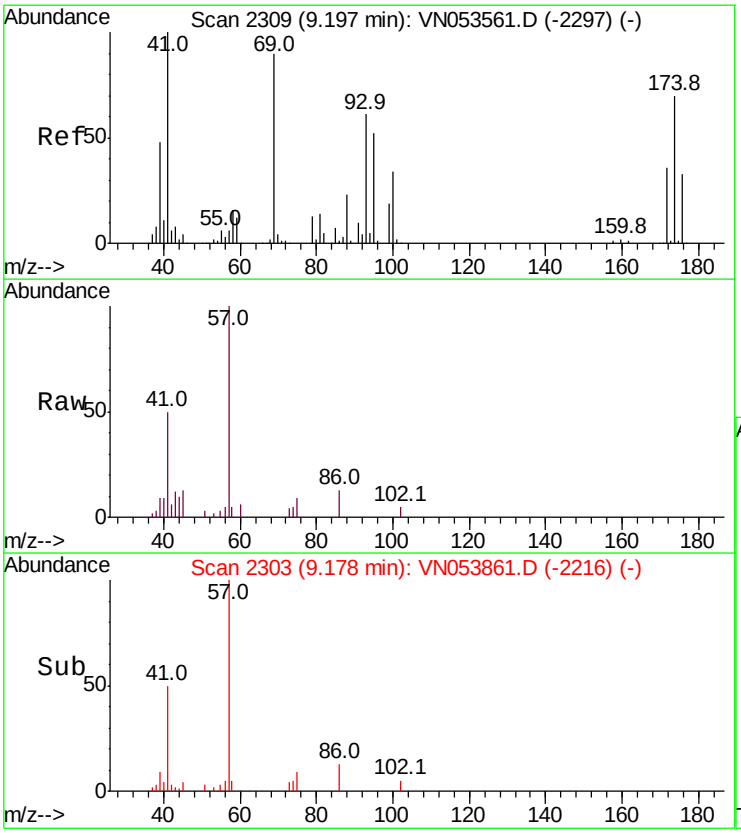
#45
1,2-Dichloropropane
Concen: 0.223 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion: 63 Resp: 1649

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

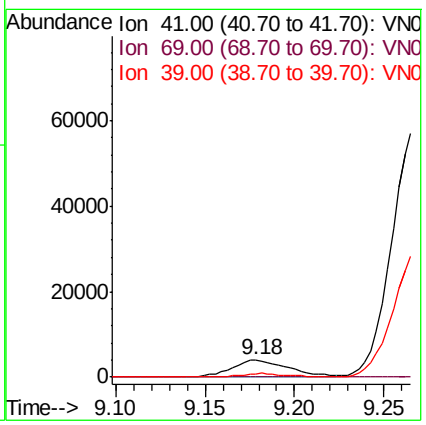


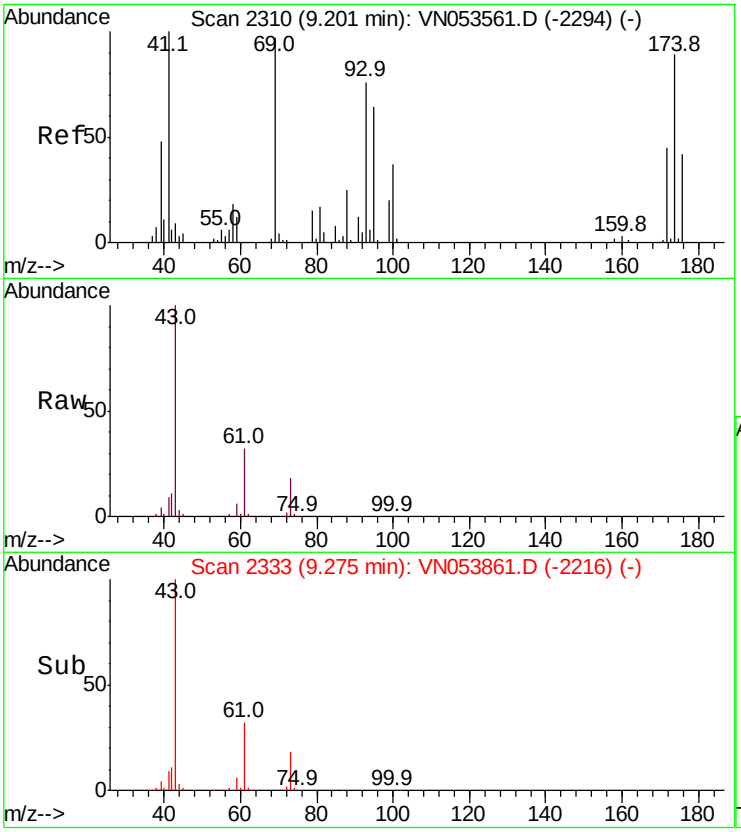


#48
Methyl methacrylate
Concen: 1.839 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 41 Resp: 8887

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



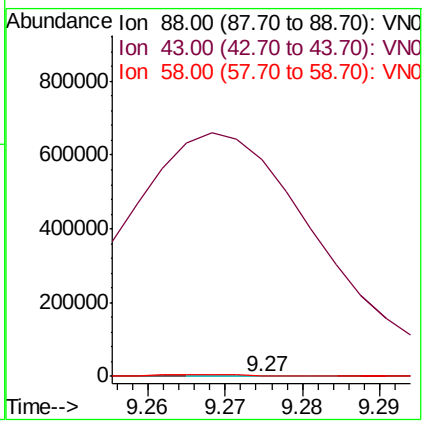


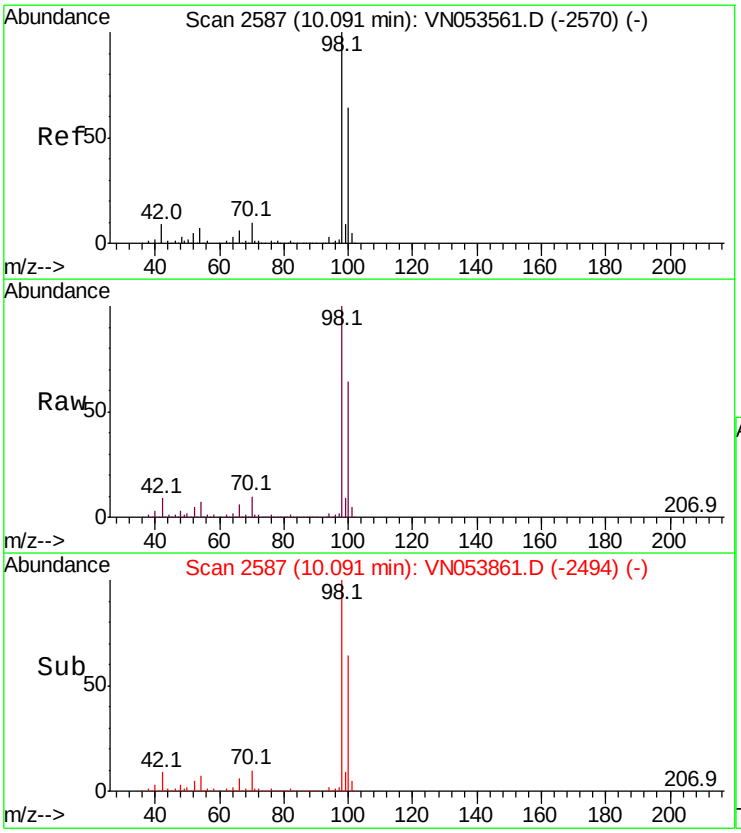
#49
1,4-Dioxane
Concen: 40.457 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
M-14-S

Tgt Ion: 88 Resp: 99

Ion	Ratio	Lower	Upper
88	100		
43	1366955.6	27.8	41.6#
58	6723.2	56.5	84.7#

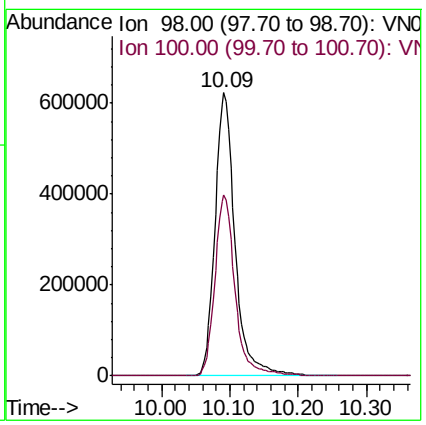


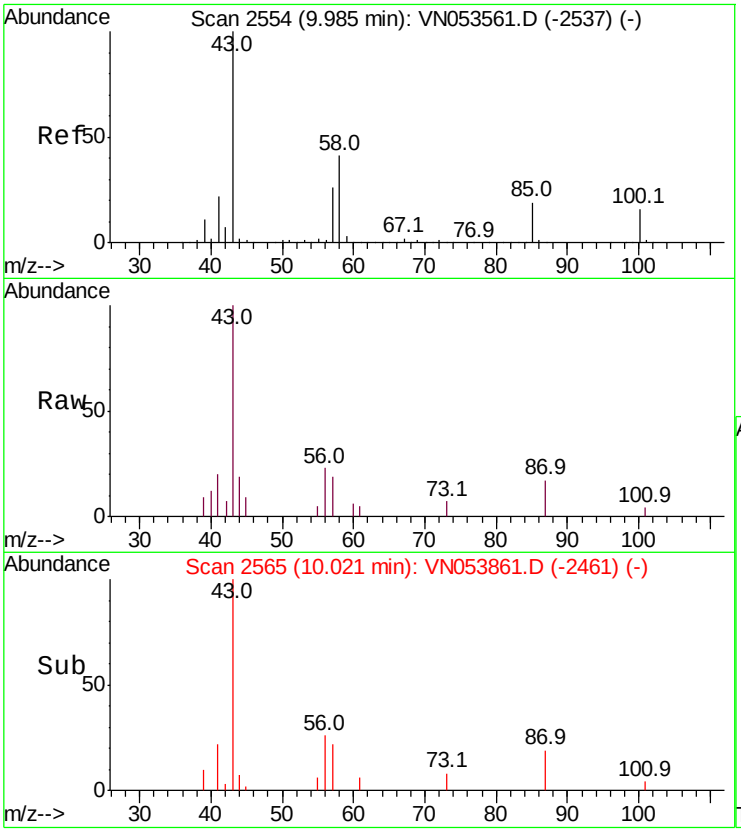


#50
Toluene-d8
Concen: 51.439 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 98 Resp: 1270614

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0



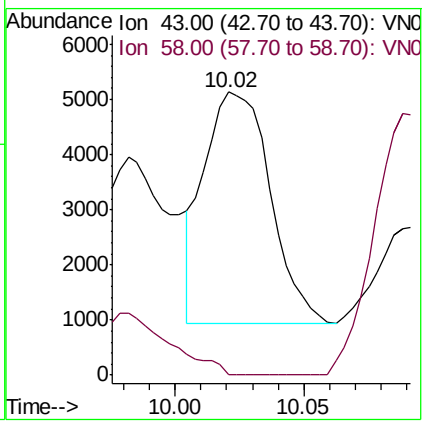


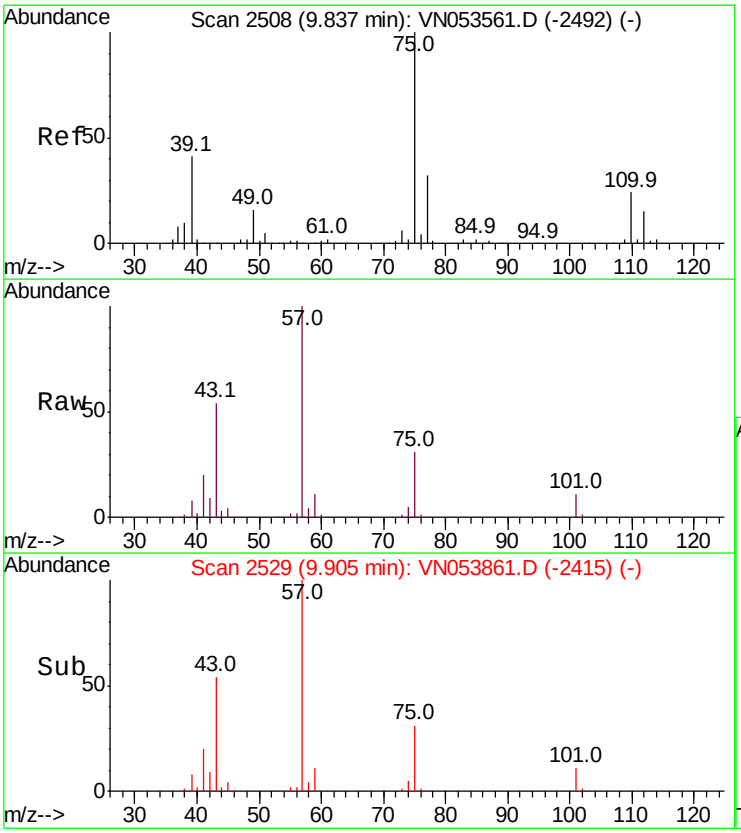
#51
4-Methyl-2-Pentanone
Concen: 1.494 ug/l
RT: 10.02 min Scan# 2565
Delta R.T. 0.04 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion: 43 Resp: 7434

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#

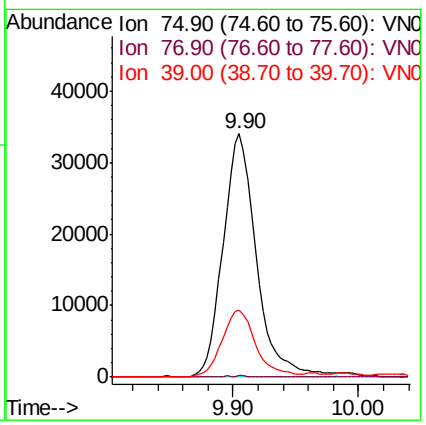


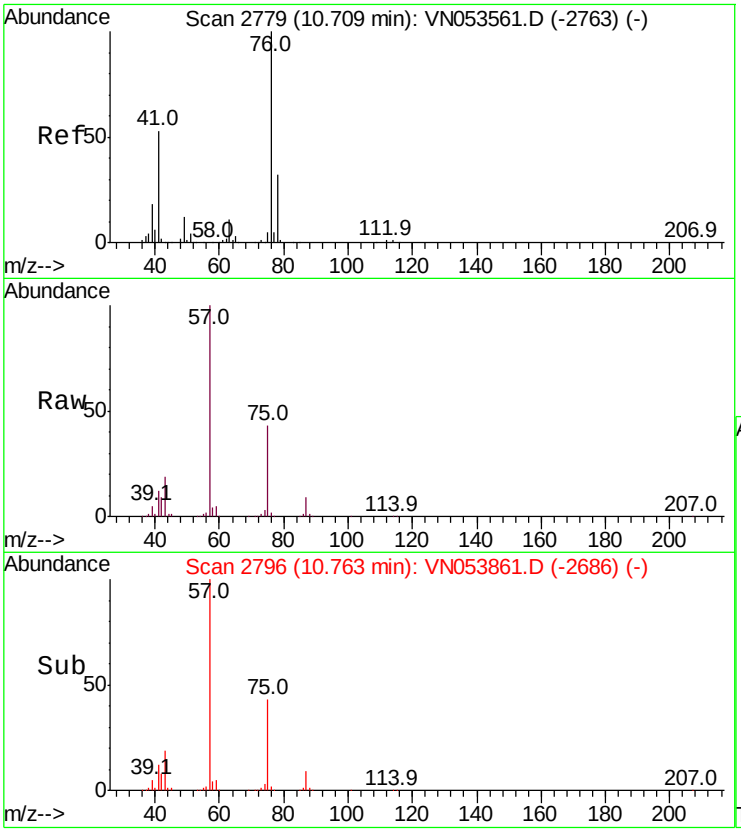


#54
cis-1,3-Dichloropropene
Concen: 5.724 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 75 Resp: 63019

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.6#
39	27.4	33.4	50.0#



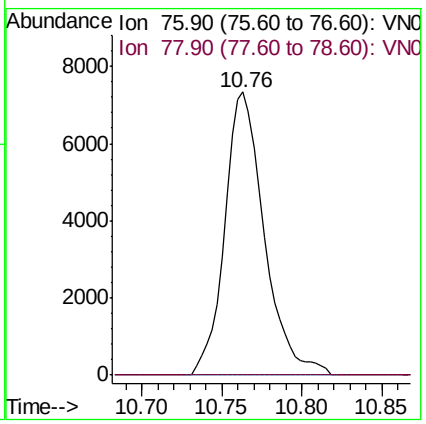


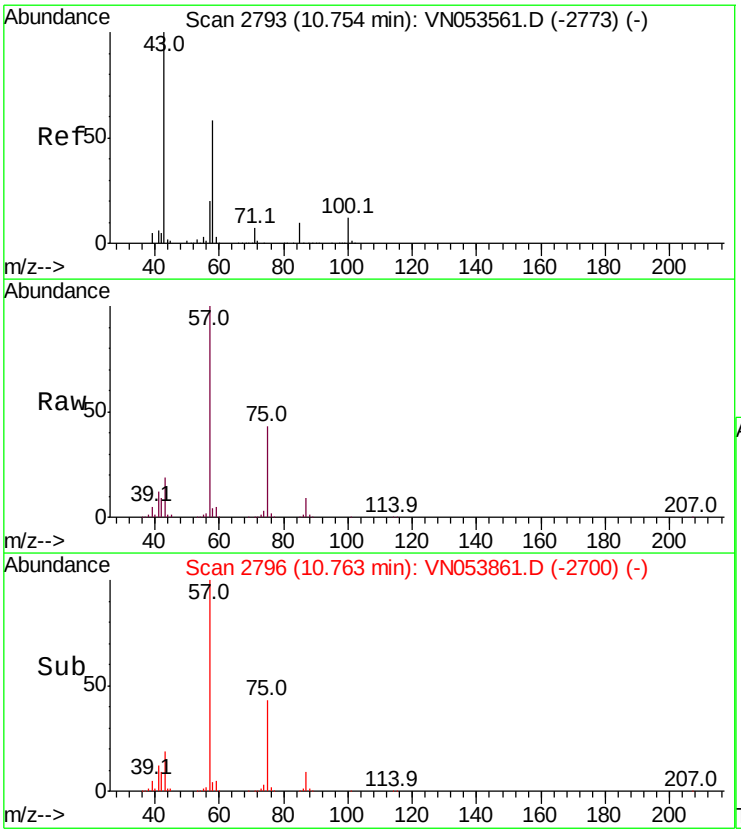
#57
1,3-Dichloropropane
Concen: 1.169 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion: 76 Resp: 12365

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

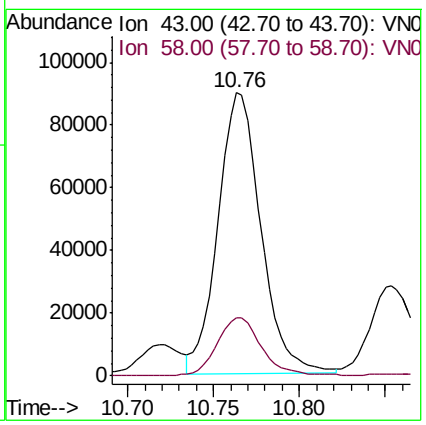


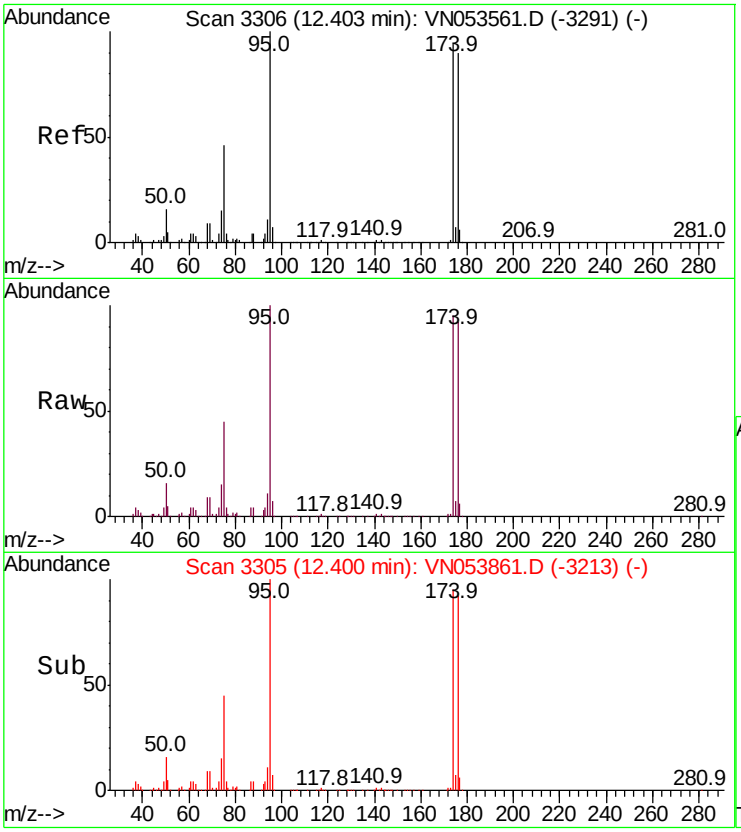


#59
2-Hexanone
Concen: 46.071 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 43 Resp: 155577

Ion	Ratio	Lower	Upper
43	100		
58	21.8	28.6	85.8#



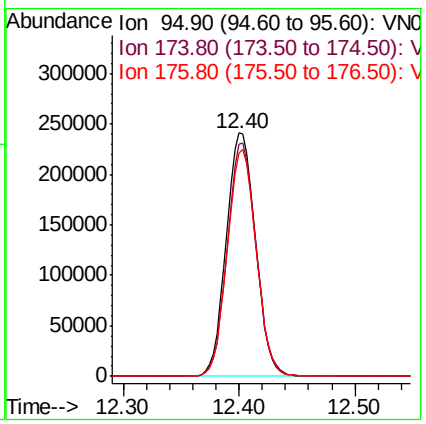


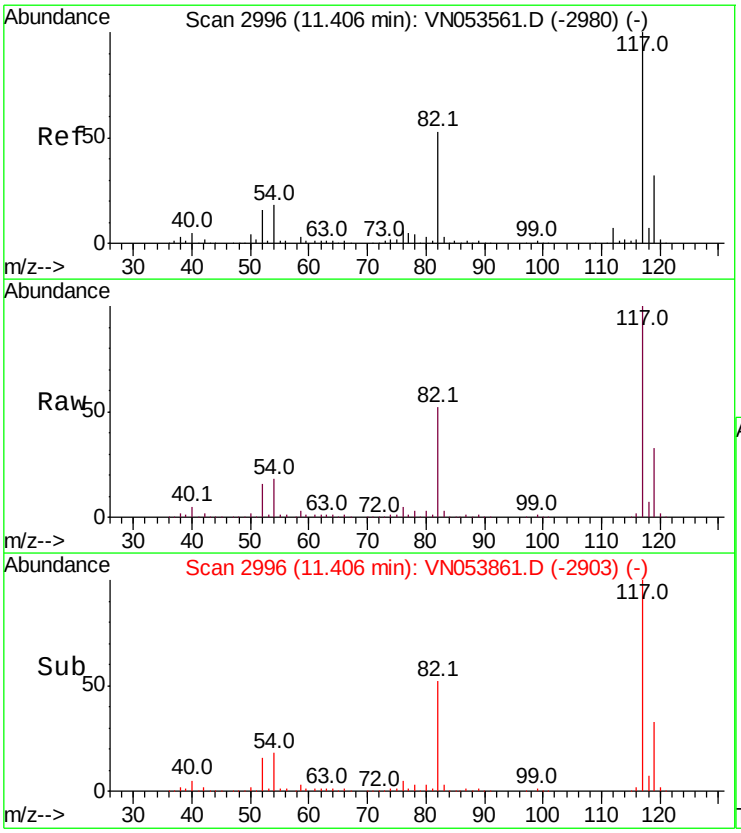
#62
4-Bromofluorobenzene
Concen: 50.666 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
M-14-S

Tgt Ion: 95 Resp: 417398

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	183.2
176	92.2	0.0	177.4

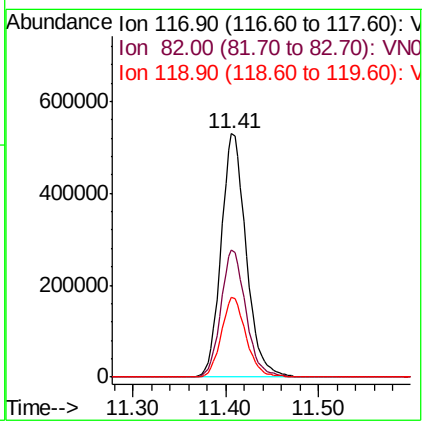


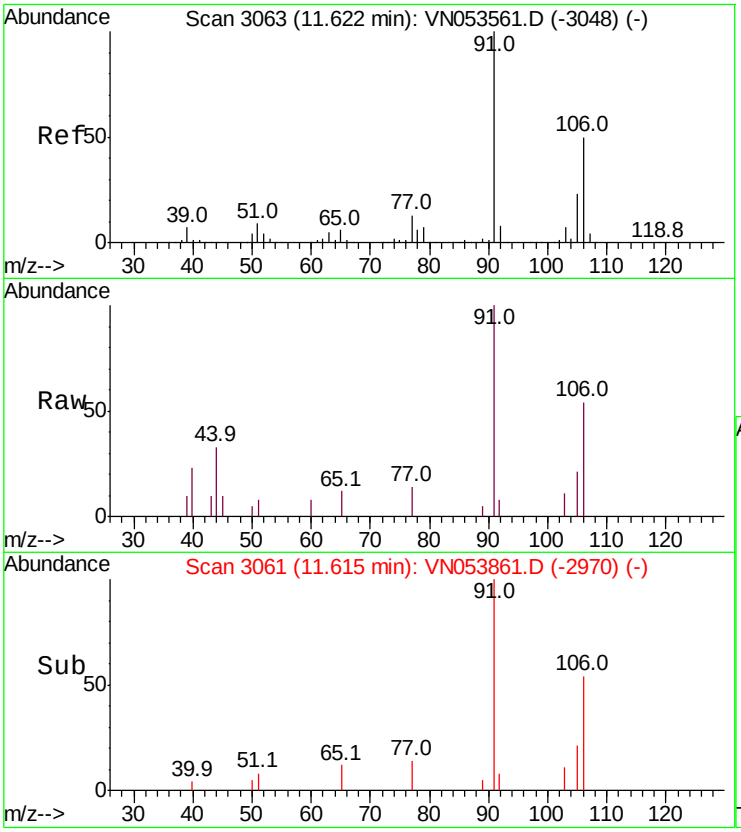


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion:117 Resp: 987829

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.9	64.3
119	32.7	26.0	39.0



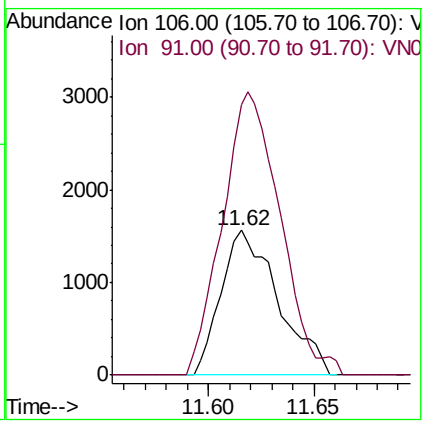


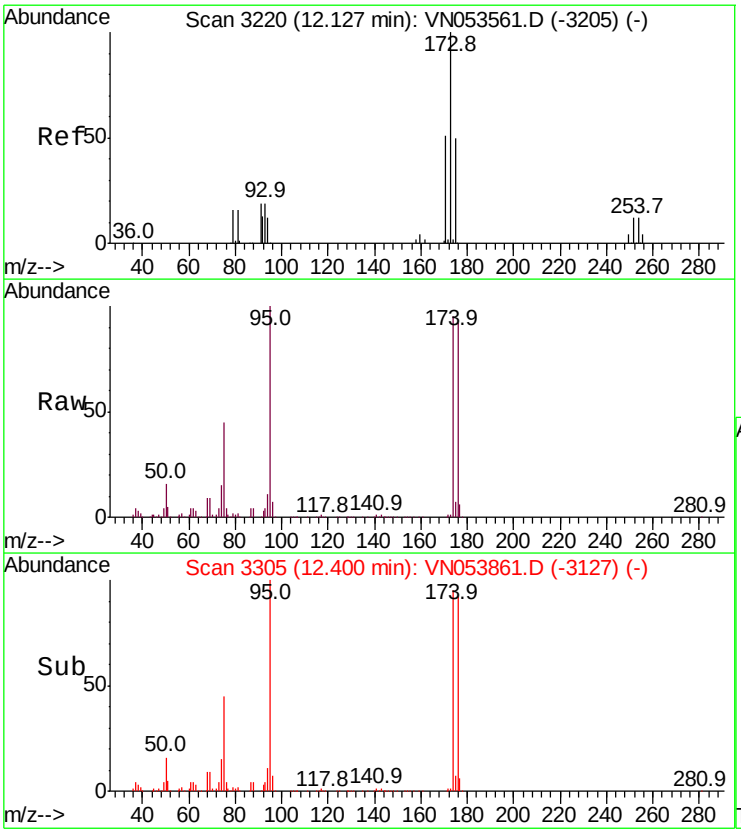
#68
m/p-Xylenes
Concen: 0.223 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion:106 Resp: 2933

Ion	Ratio	Lower	Upper
106	100		
91	197.9	161.4	242.2

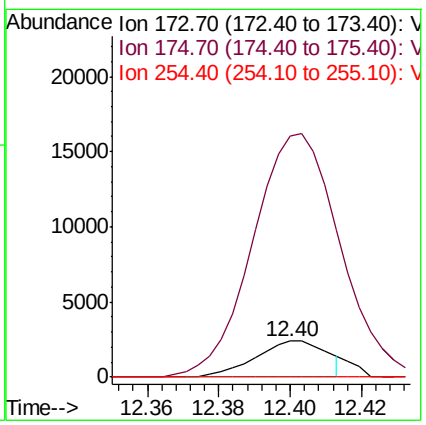


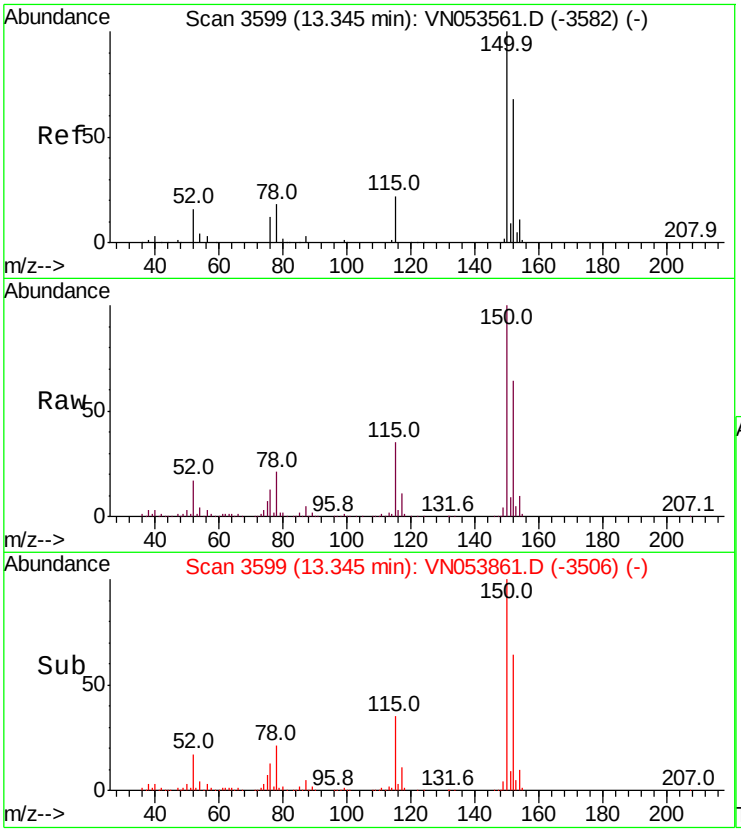


#71
Bromoform
Concen: 0.660 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion:173 Resp: 3315

Ion	Ratio	Lower	Upper
173	100		
175	719.0	24.6	74.0#
254	0.0	0.2	0.2#



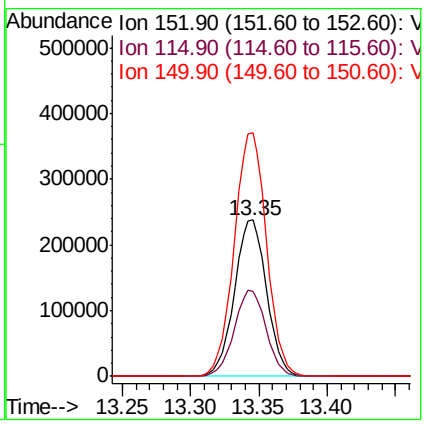


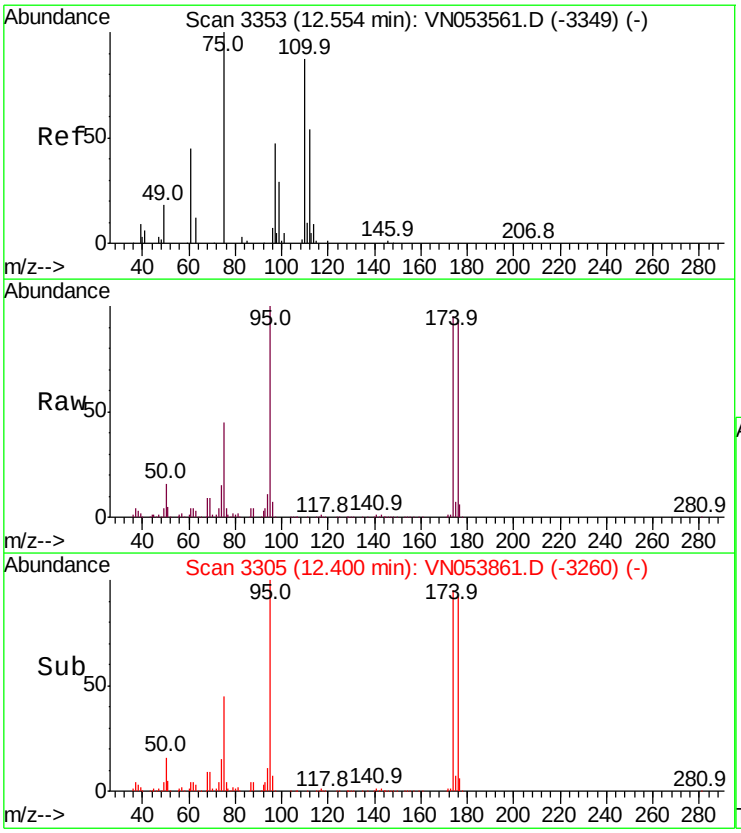
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion:152 Resp: 388225

Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.8	83.4
150	156.6	0.0	349.0

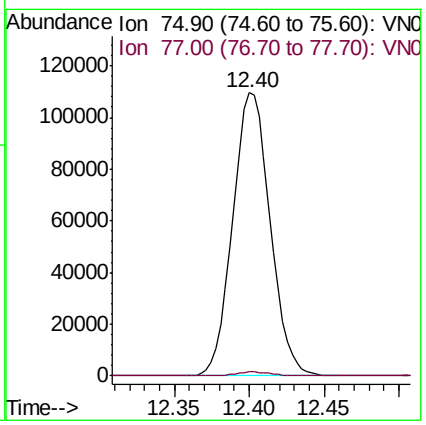


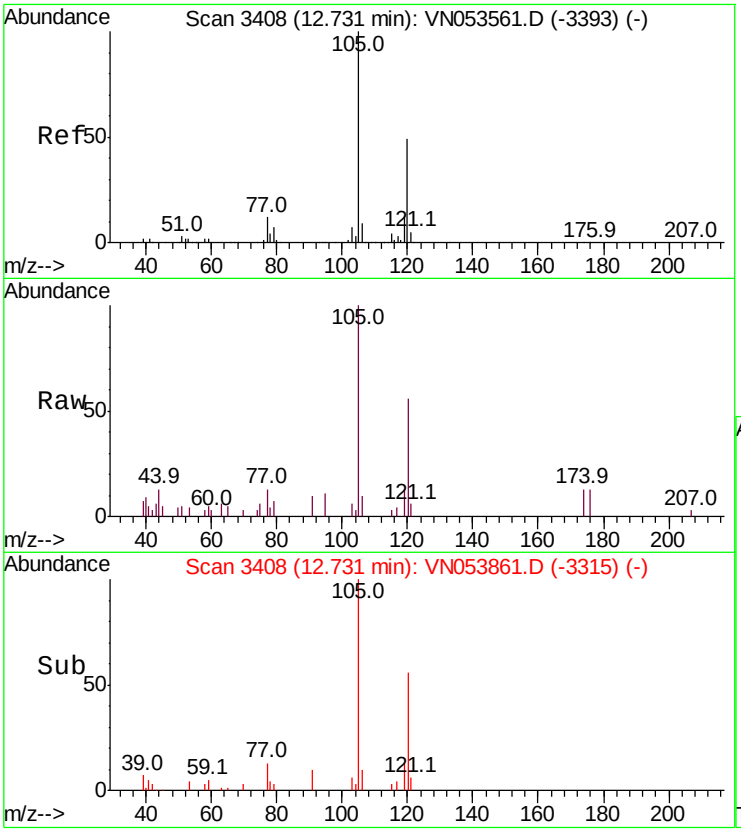


#76
1,2,3-Trichloropropane
Concen: 38.265 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 75 Resp: 190811

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



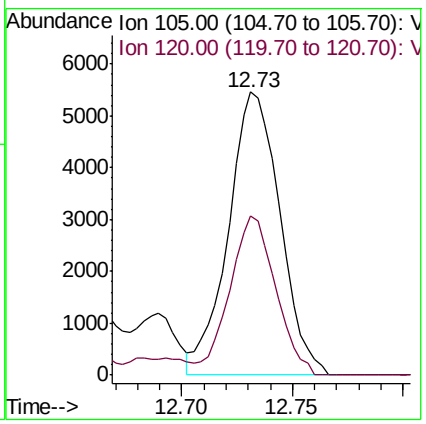


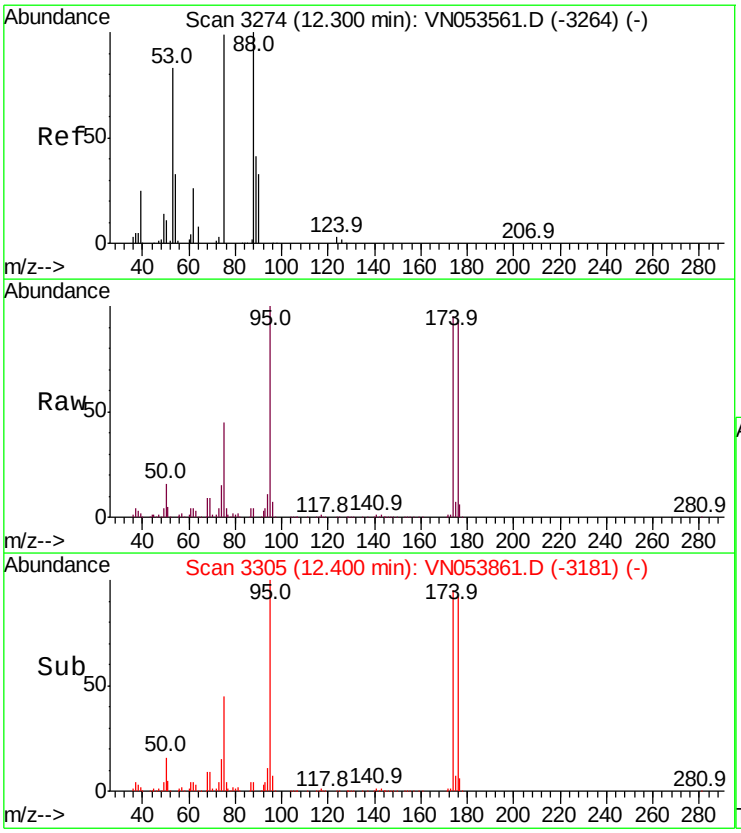
#80
1,3,5-Trimethylbenzene
Concen: 0.392 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion:105 Resp: 8880

Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.9	74.6

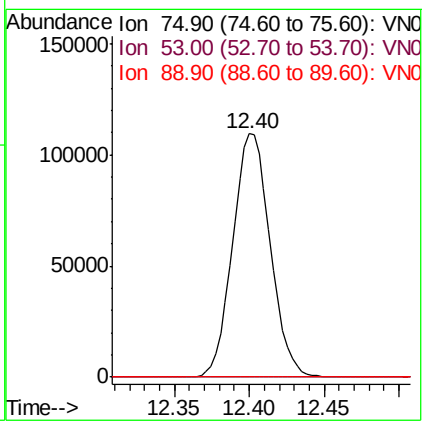


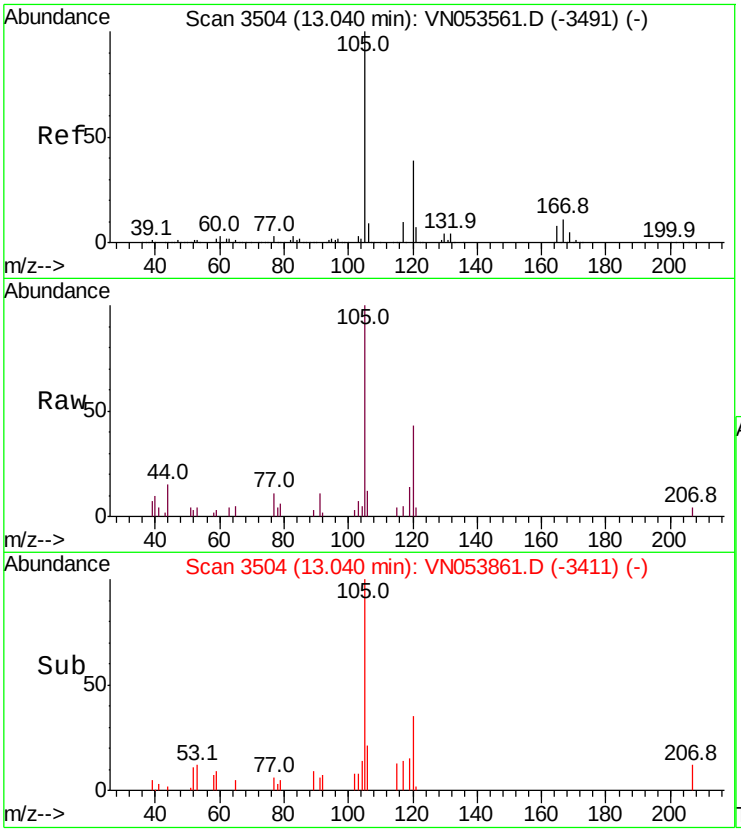


#81
trans-1,4-Dichloro-2-butene
Concen: 107.599 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion: 75 Resp: 190811

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



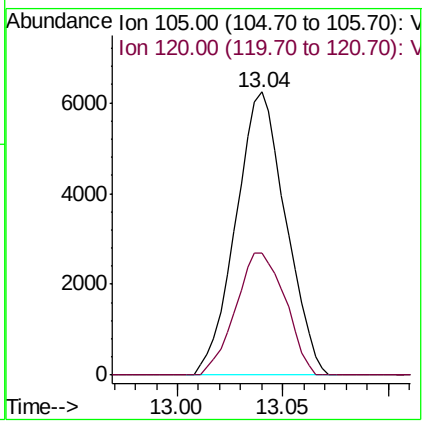


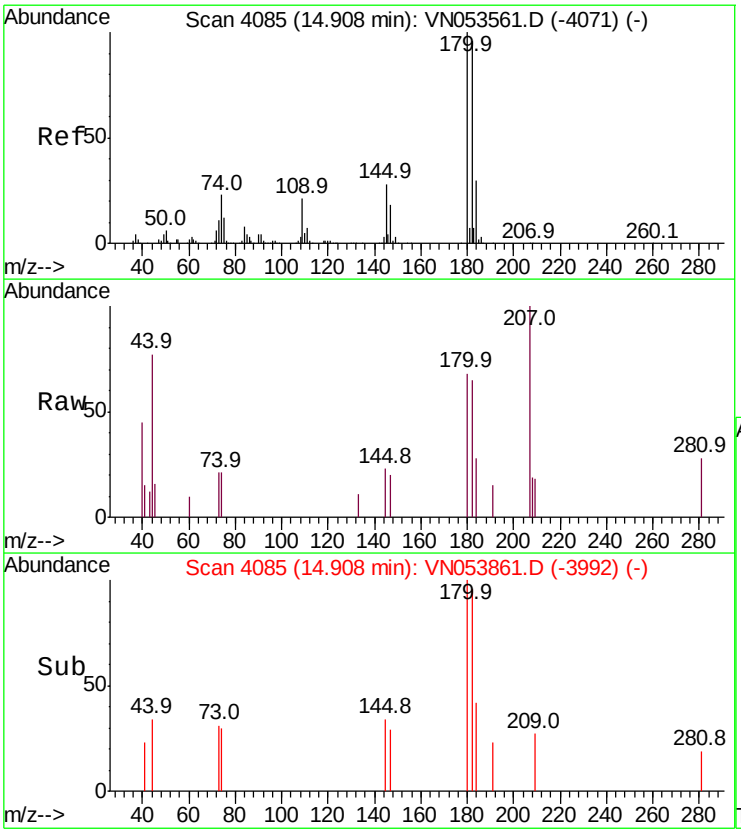
#84
1,2,4-Trimethylbenzene
Concen: 0.446 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
M-14-S

Tgt Ion:105 Resp: 10274

Ion	Ratio	Lower	Upper
105	100		
120	42.9	23.0	69.0

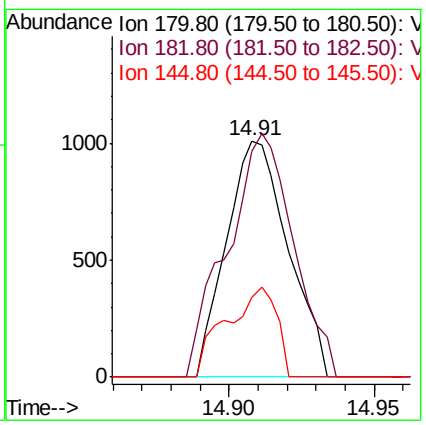


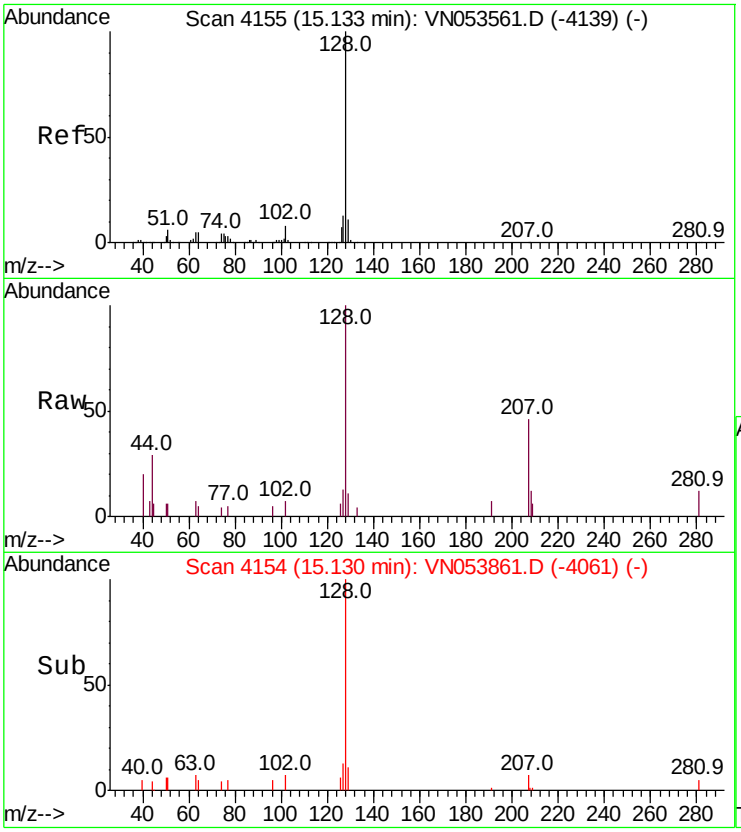


#93
1,2,4-Trichlorobenzene
Concen: 0.206 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion:180 Resp: 1492

Ion	Ratio	Lower	Upper
180	100		
182	111.1	48.1	144.3
145	31.3	13.9	41.6



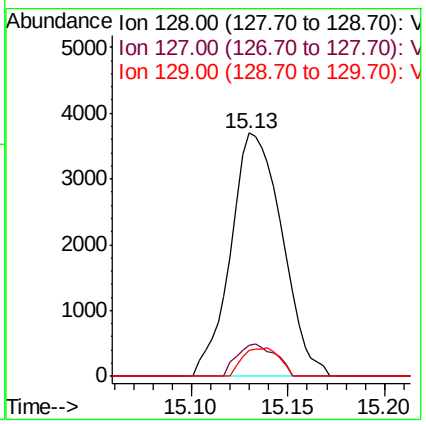


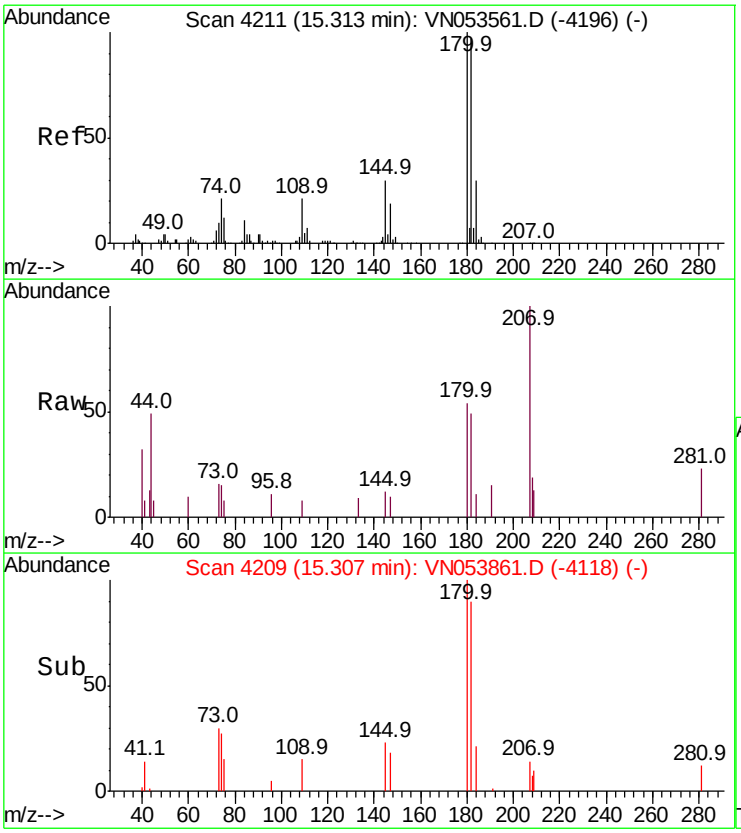
#95
Naphthalene
Concen: 2.122 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Instrument : MSVOA_N
ClientSampleId : M-14-S

Tgt Ion:128 Resp: 6823

Ion	Ratio	Lower	Upper
128	100		
127	9.9	10.3	15.5#
129	8.3	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.310 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.01 min
Lab File: VN053861.D
Acq: 19 Feb 2019 11:34

Tgt Ion:180 Resp: 2089

Ion	Ratio	Lower	Upper
180	100		
182	89.7	47.9	143.8
145	24.9	14.7	44.1