Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061119\
Data File : VN056215.D
Acq On : 11 Jun 2019 11:51
Operator : JC/SP
Sample : K3284-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-TT-MW202I-20190610

Quant Time: Jun 12 06:32:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	316569	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	479132	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	478114	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157507	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	169242	53.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.68%				
35) Dibromofluoromethane	7.59	113	158171	53.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.62%				
50) Toluene-d8	10.09	98	618386	54.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.34%				
62) 4-Bromofluorobenzene	12.40	95	200231	52.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	446	0.482	ug/l	#	42
7) Trichlorofluoromethane	3.00	101	14493	3.298	ug/l		98
12) 1,1-Dichloroethene	3.72	96	5698	2.144	ug/l		84
14) Allyl chloride	4.09	41	1121	0.267	ug/l	#	74
16) Acetone	3.82	43	2700	1.796	ug/l		92
19) Methyl tert-butyl Ether	5.05	73	14048	1.658	ug/l		95
24) 1,1-Dichloroethane	5.84	63	1387	0.277	ug/l	#	83
29) Tetrahydrofuran	7.23	42	538	0.458	ug/l	#	62
30) Chloroform	7.38	83	3958	0.786	ug/l		93
31) Cyclohexane	7.66	56	4508	0.904	ug/l	#	1
32) 1,1,1-Trichloroethane	7.57	97	5418	1.289	ug/l	#	49
36) 1,1-Dichloropropene	7.66	75	17812	4.323	ug/l	#	48
38) Carbon Tetrachloride	7.66	117	25697	6.765	ug/l	#	15
44) Trichloroethene	8.83	130	9661	2.687	ug/l		96
49) 1,4-Dioxane	9.21	88	59	0.940	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.09	43	2216	0.597	ug/l	#	1
60) Dibromochloromethane	10.63	129	10203	5.304	ug/l	#	11
64) Tetrachloroethene	10.63	164	12190	2.945	ug/l		99
71) Bromoform	12.40	173	1759	3.345	ug/l	#	1
73) Isopropylbenzene	12.41	105	59	Below Cal		#	48
76) 1,2,3-Trichloropropane	12.40	75	90761	31.316	ug/l	#	100
79) 2-Chlorotoluene	12.59	91	130	Below Cal		#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	90761	104.289	ug/l	#	15
93) 1,2,4-Trichlorobenzene	14.91	180	29	4.279	ug/l	#	80
95) Naphthalene	15.14	128	1832	4.076	ug/l	#	71

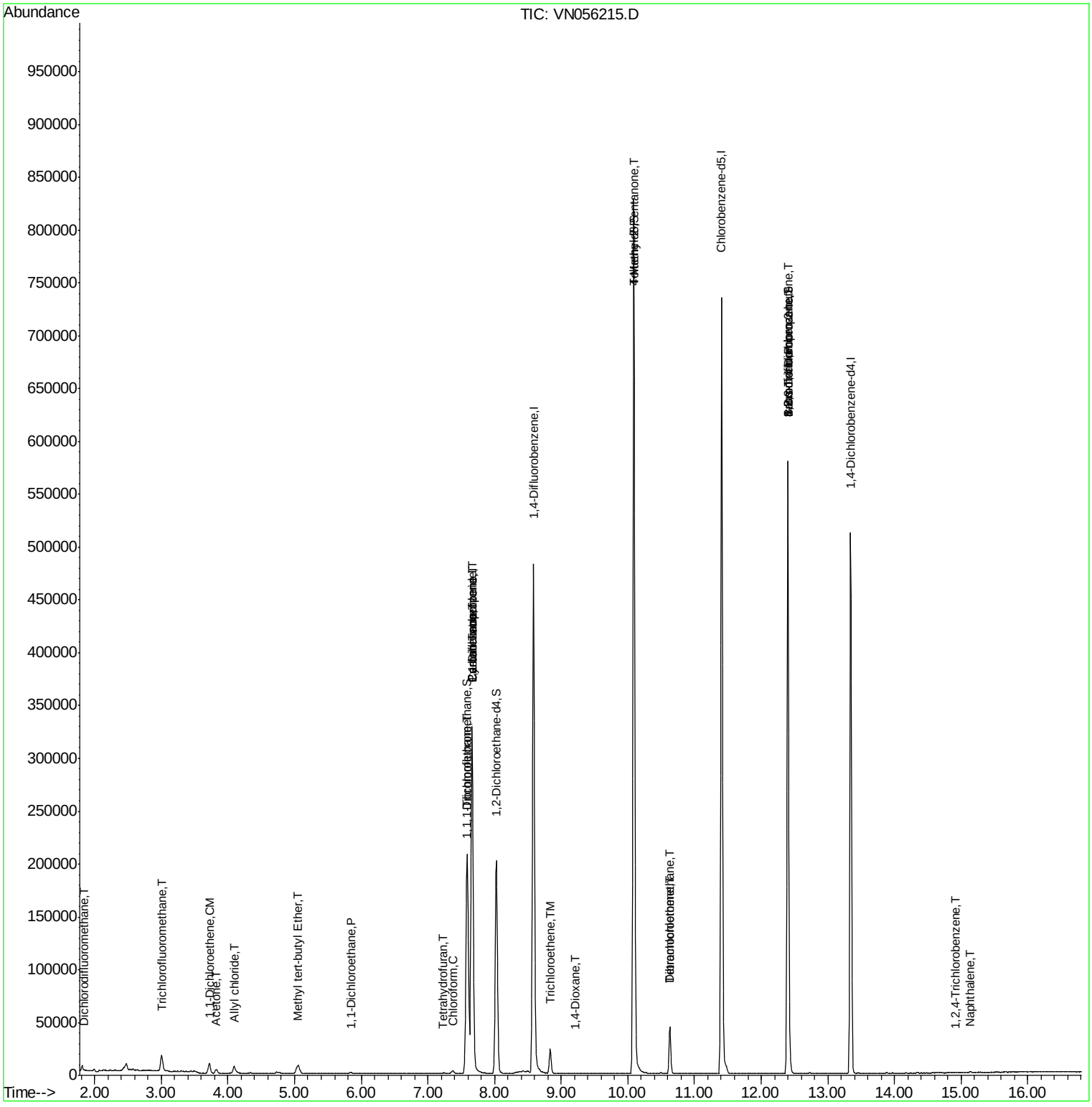
(#) = qualifier out of range (m) = manual integration (+) = signals summed

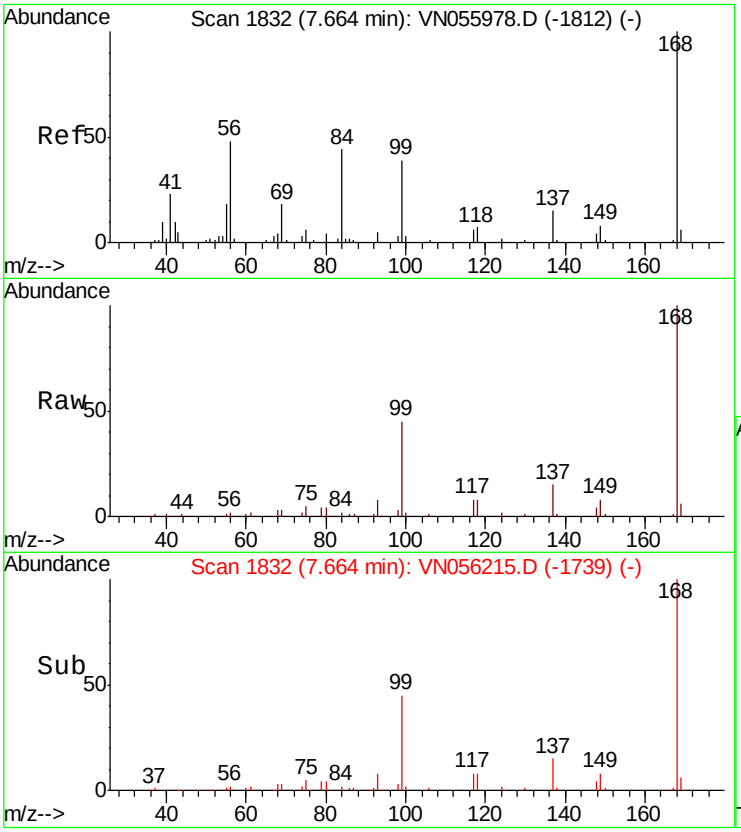
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061119\
Data File : VN056215.D
Acq On : 11 Jun 2019 11:51
Operator : JC/SP
Sample : K3284-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Quant Time: Jun 12 06:32:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration



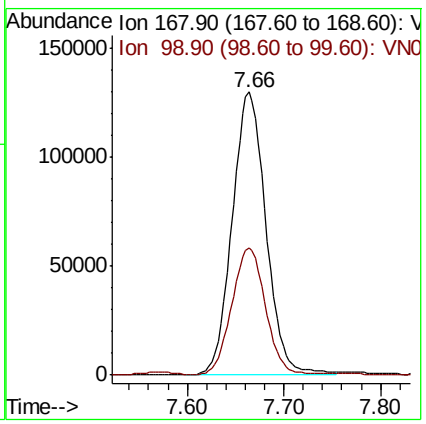


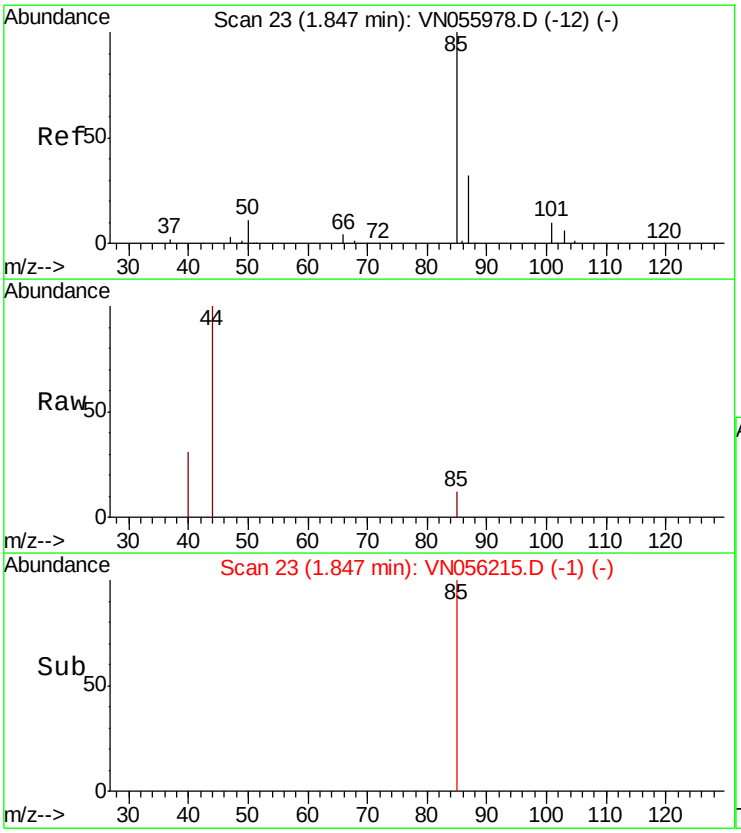
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion:168 Resp: 316569

Ion	Ratio	Lower	Upper
168	100		
99	44.7	37.2	55.8

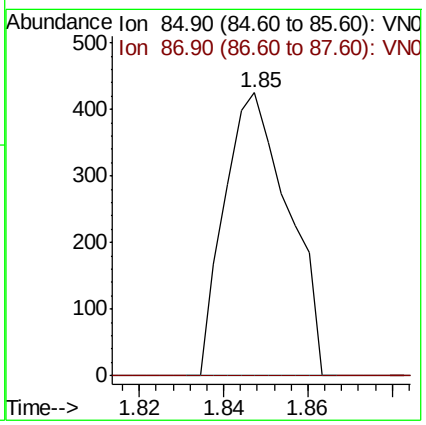


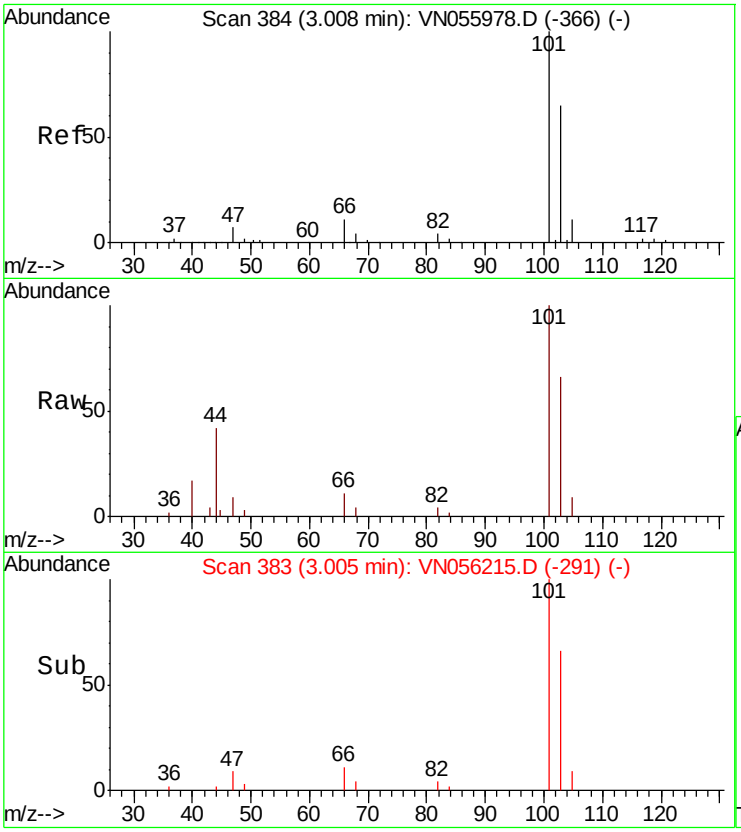


#2
Dichlorodifluoromethane
Concen: 0.482 ug/l
RT: 1.85 min Scan# 23
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 85 Resp: 446

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.3#



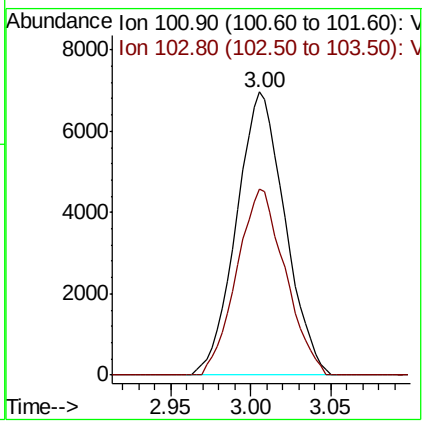


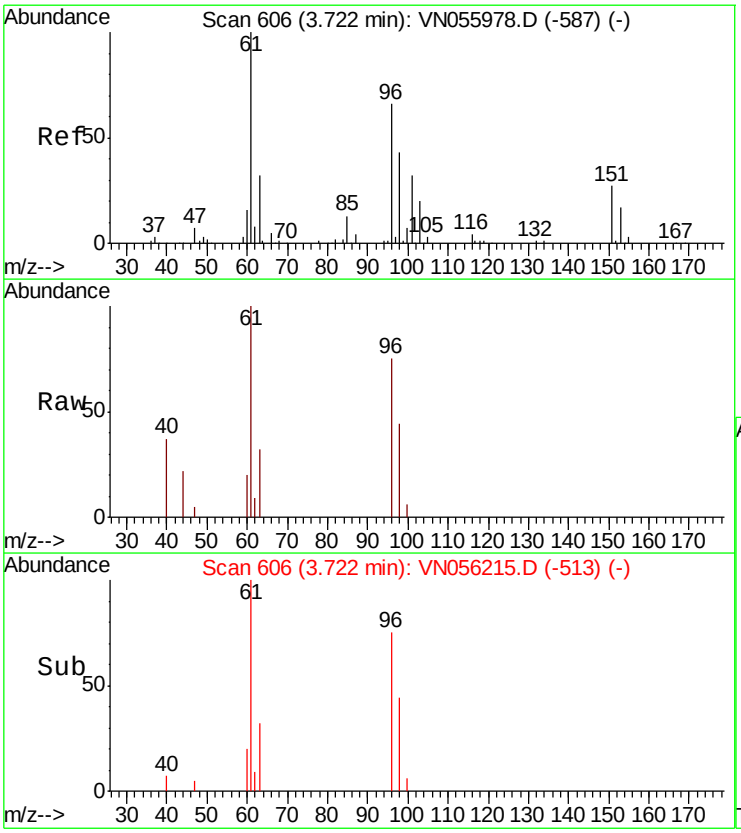
#7
Trichlorofluoromethane
Concen: 3.298 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion:101 Resp: 14493

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.2	76.8

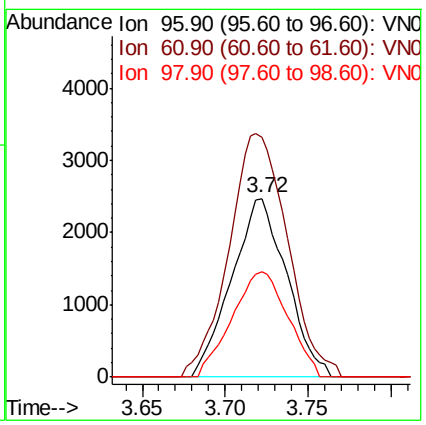


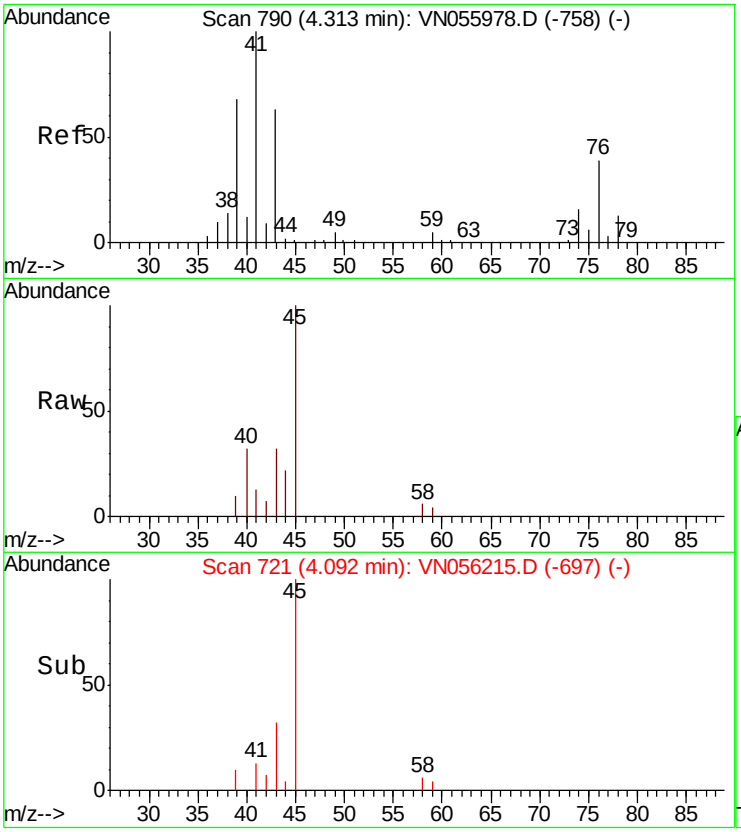


#12
1,1-Dichloroethene
Concen: 2.144 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 96 Resp: 5698

Ion	Ratio	Lower	Upper
96	100		
61	127.9	123.2	184.8
98	58.9	50.4	75.6



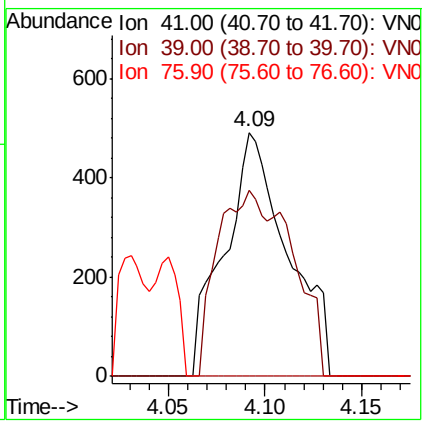


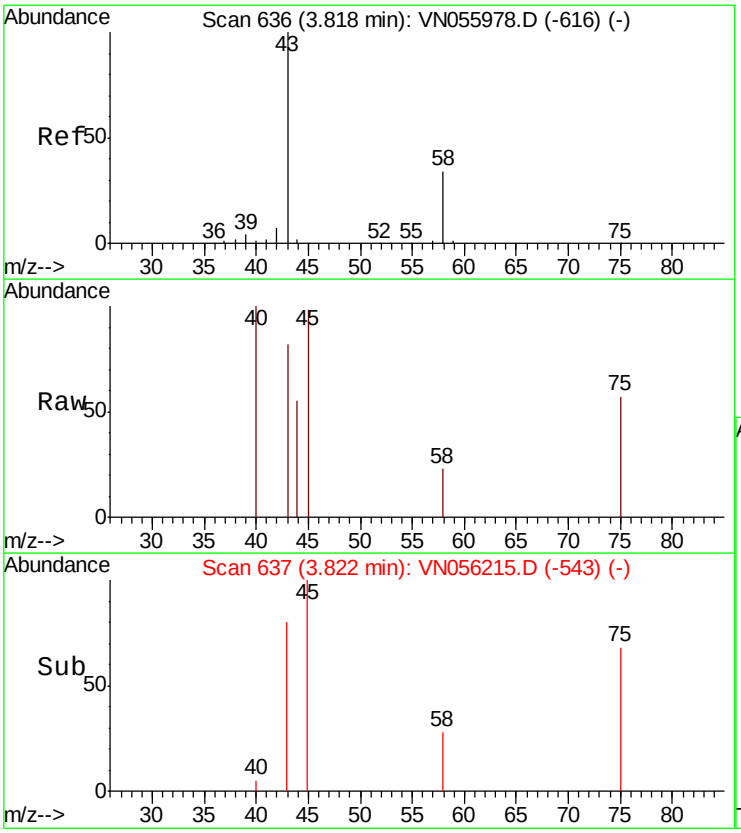
#14
Allyl chloride
Concen: 0.267 ug/l
RT: 4.09 min Scan# 721
Delta R.T. -0.22 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion: 41 Resp: 1121

Ion	Ratio	Lower	Upper
41	100		
39	57.9	50.0	75.0
76	0.0	28.2	42.2#

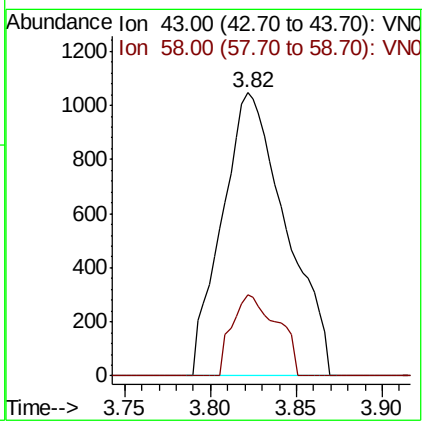


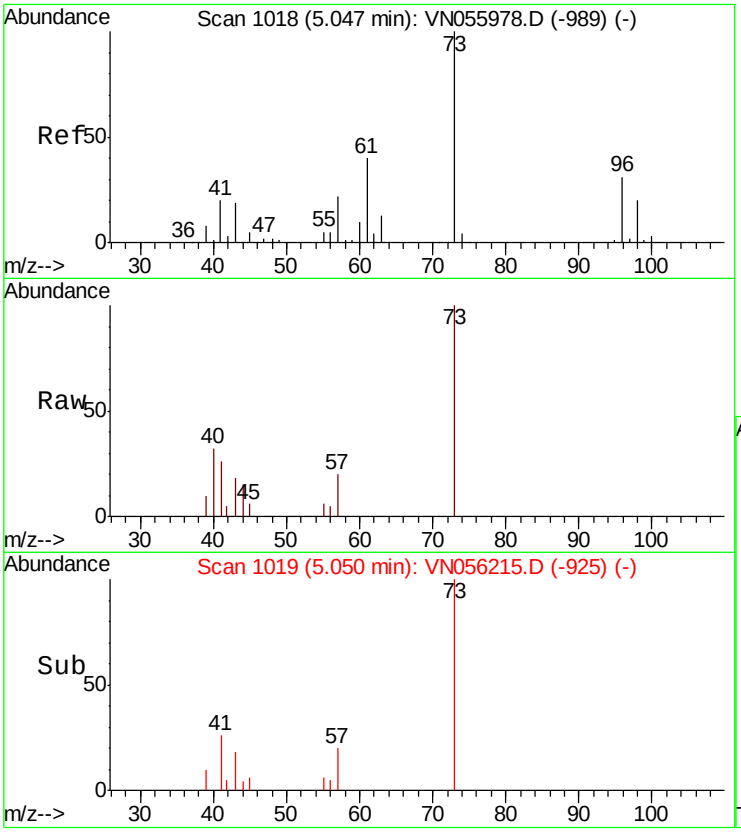


#16
Acetone
Concen: 1.796 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 43 Resp: 2700

Ion	Ratio	Lower	Upper
43	100		
58	28.6	26.6	39.8



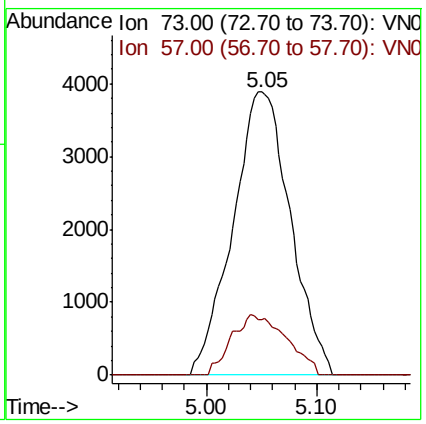


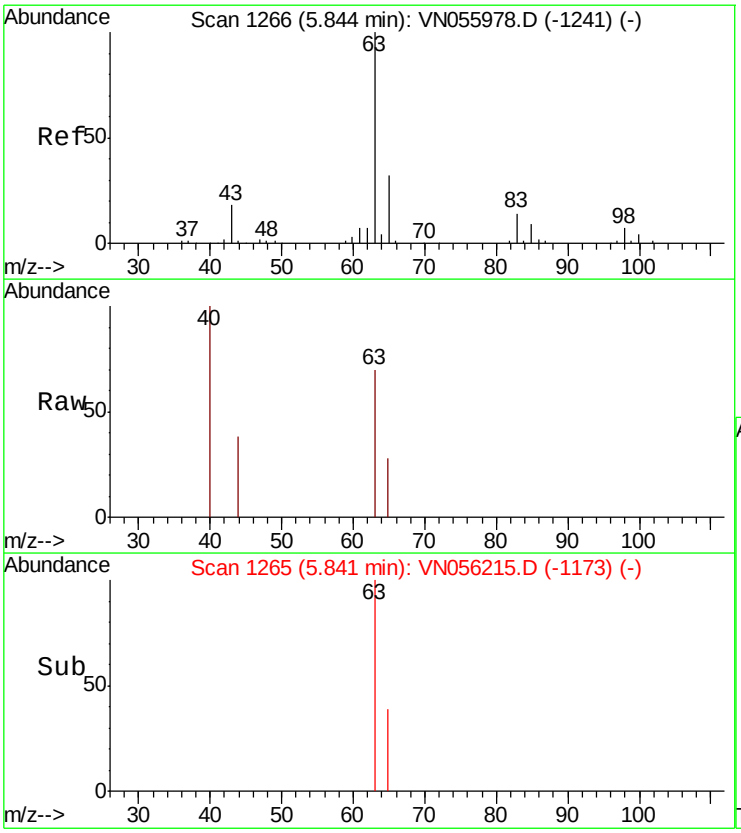
#19
Methyl tert-butyl Ether
Concen: 1.658 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion: 73 Resp: 14048

Ion	Ratio	Lower	Upper
73	100		
57	19.8	17.8	26.8

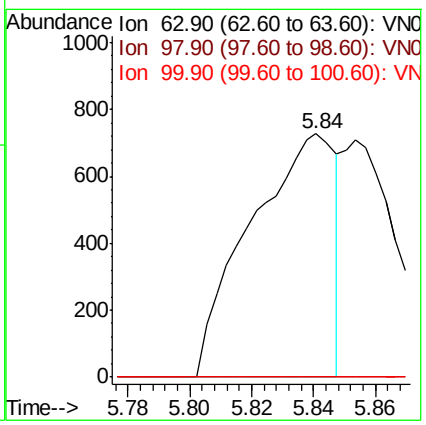


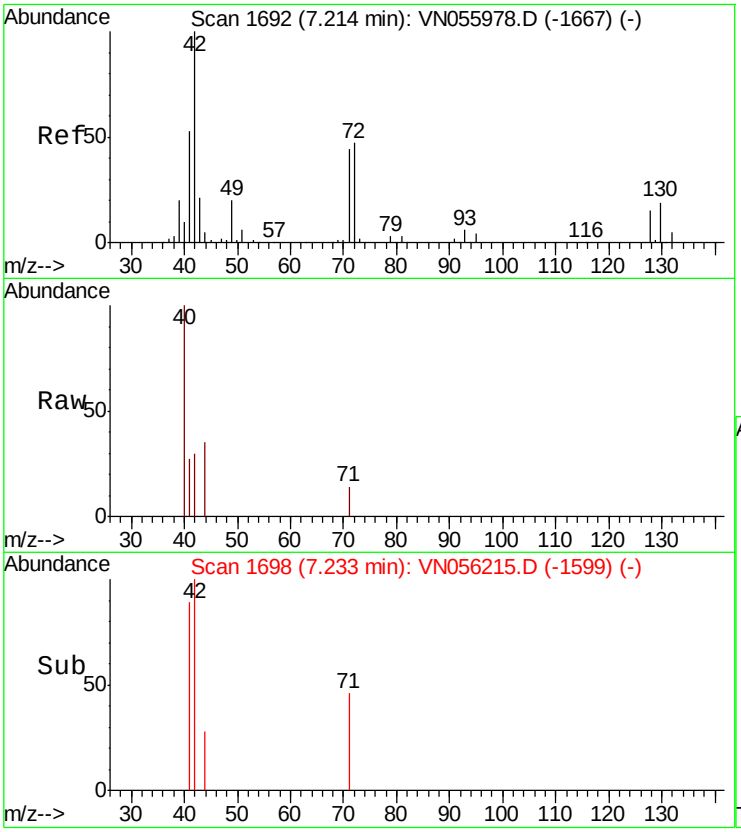


#24
1,1-Dichloroethane
Concen: 0.277 ug/l
RT: 5.84 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 63 Resp: 1387

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.4	10.1#
100	0.0	2.2	6.6#



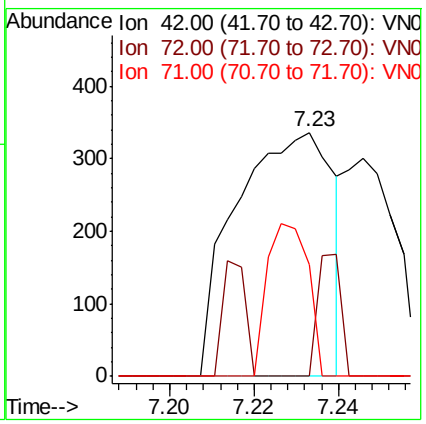


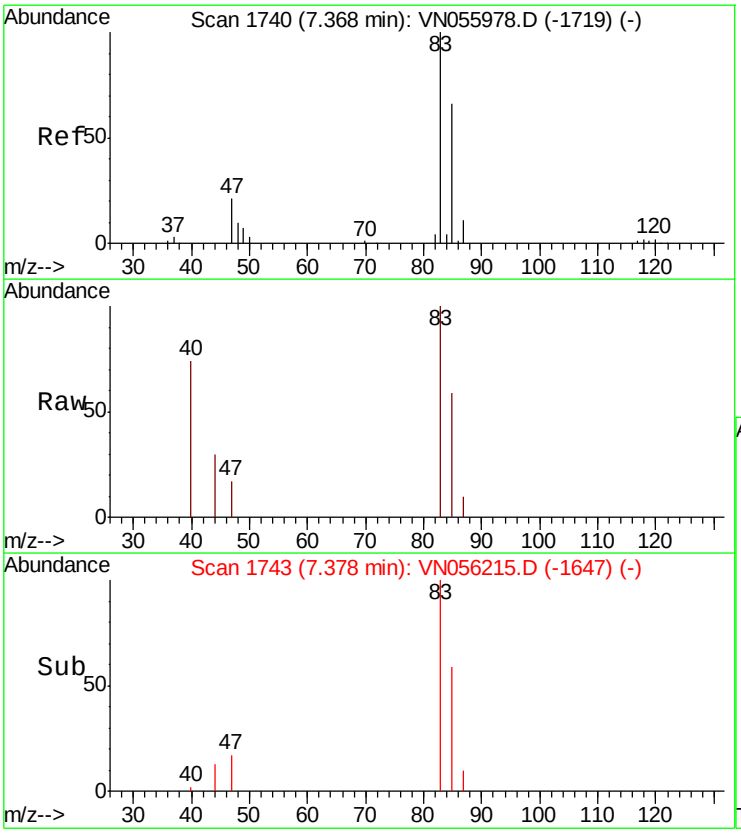
#29
Tetrahydrofuran
Concen: 0.458 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.02 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion: 42 Resp: 538

Ion	Ratio	Lower	Upper
42	100		
72	11.9	35.9	53.9#
71	26.4	34.0	51.0#

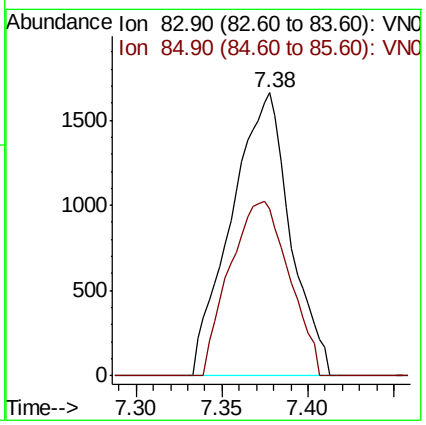


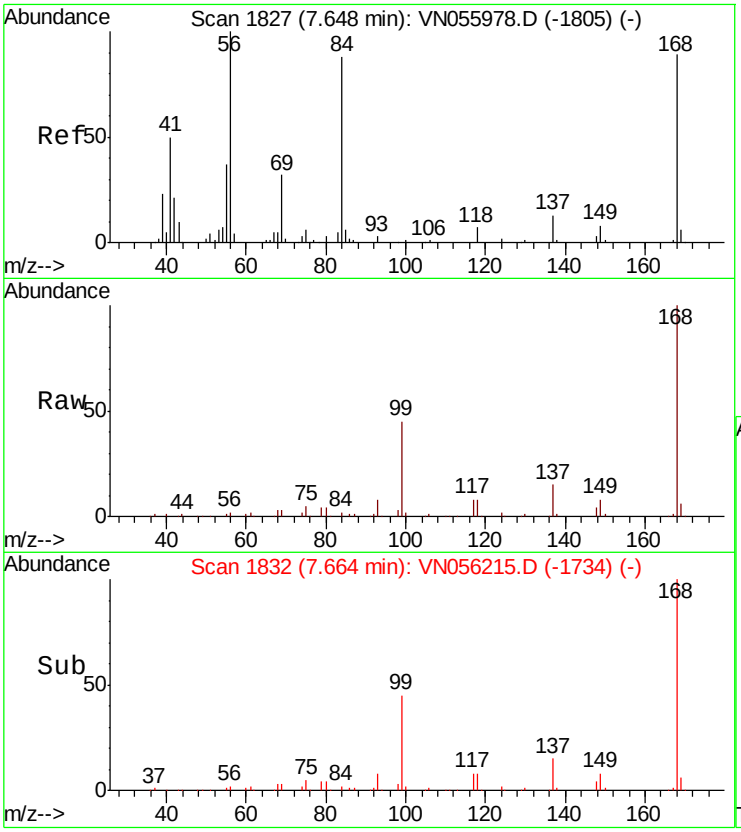


#30
Chloroform
Concen: 0.786 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 83 Resp: 3958

Ion	Ratio	Lower	Upper
83	100		
85	59.0	51.8	77.8



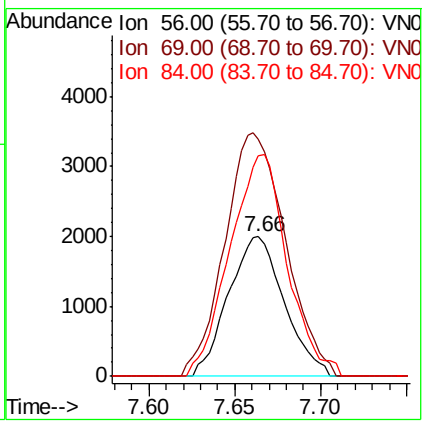


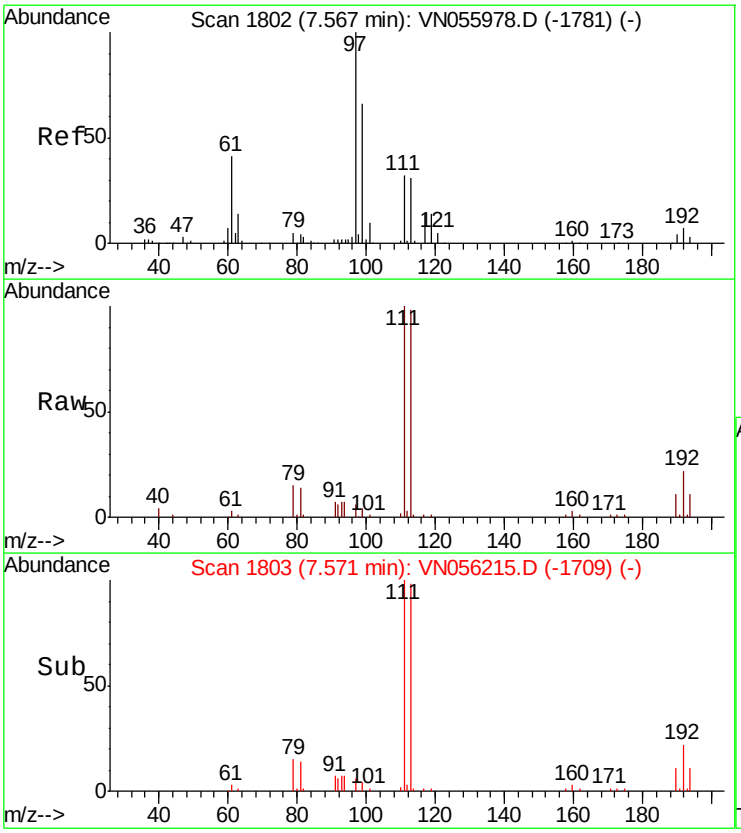
#31
Cyclohexane
Concen: 0.904 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument : MSVOA_N
ClientSampleId : BP-TT-MW202I-20190610

Tgt Ion: 56 Resp: 4508

Ion	Ratio	Lower	Upper
56	100		
69	170.3	25.6	38.4#
84	158.5	67.4	101.0#

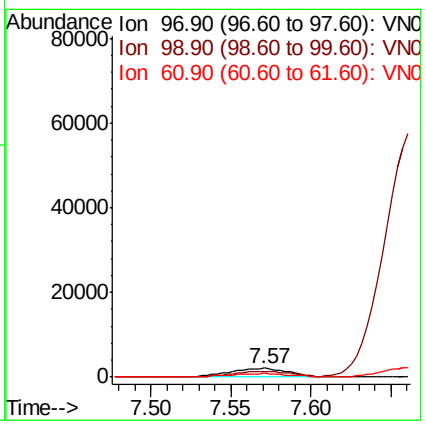


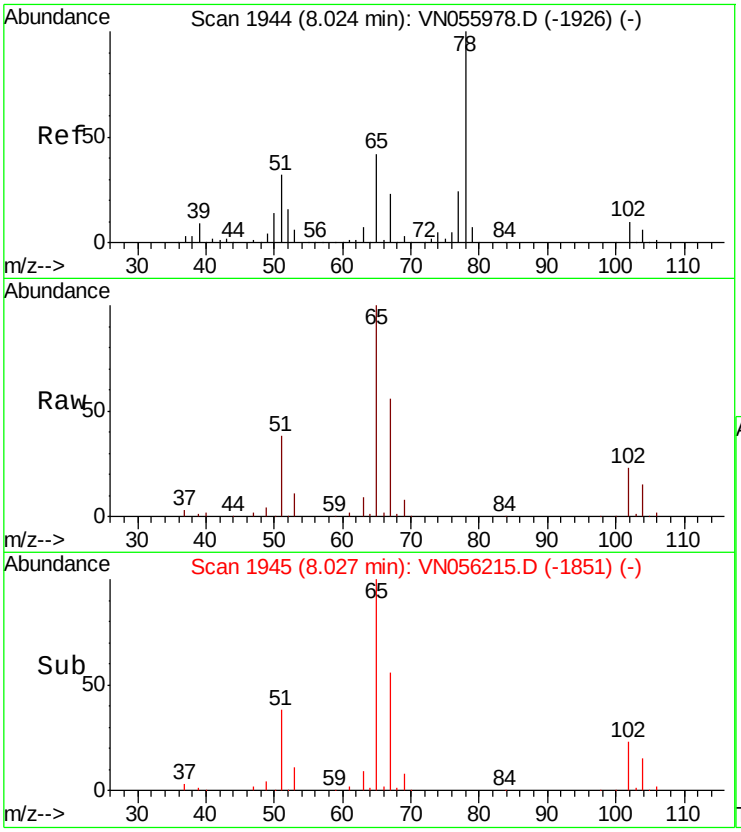


#32
1,1,1-Trichloroethane
Concen: 1.289 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 97 Resp: 5418

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	40.8	32.9	49.3



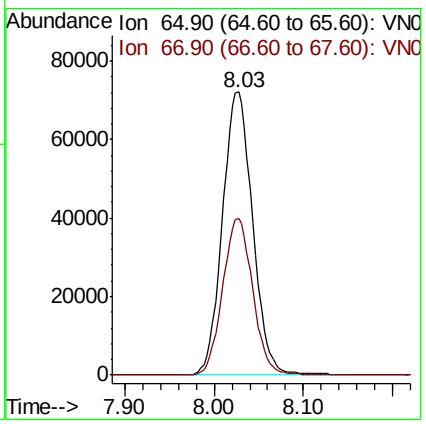


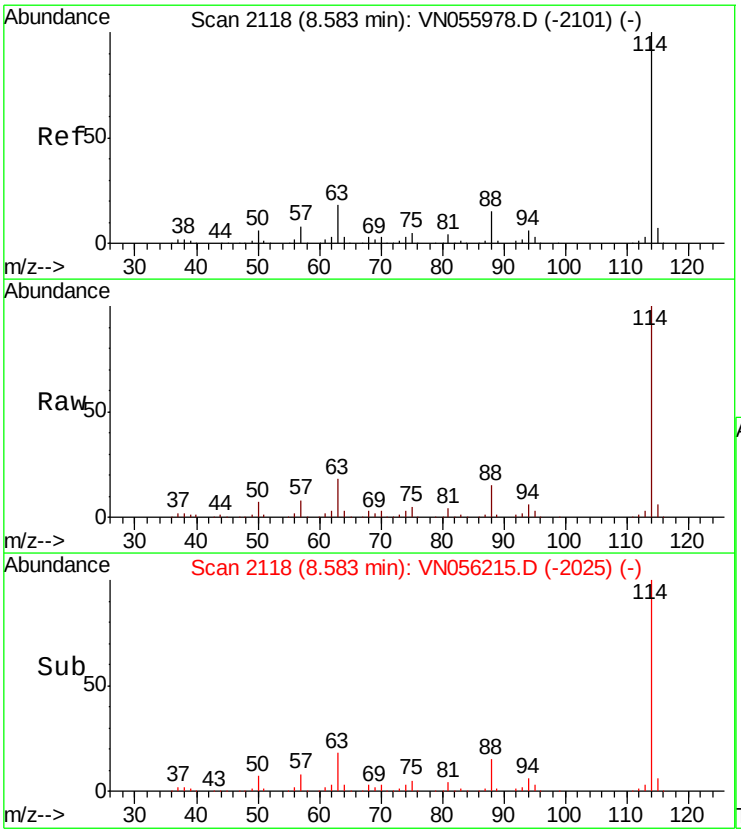
#33
1,2-Dichloroethane-d4
Concen: 53.843 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion: 65 Resp: 169242

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.2

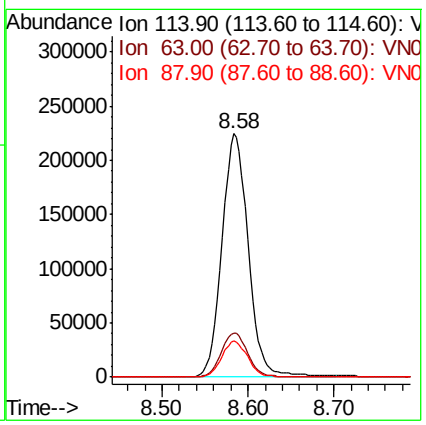


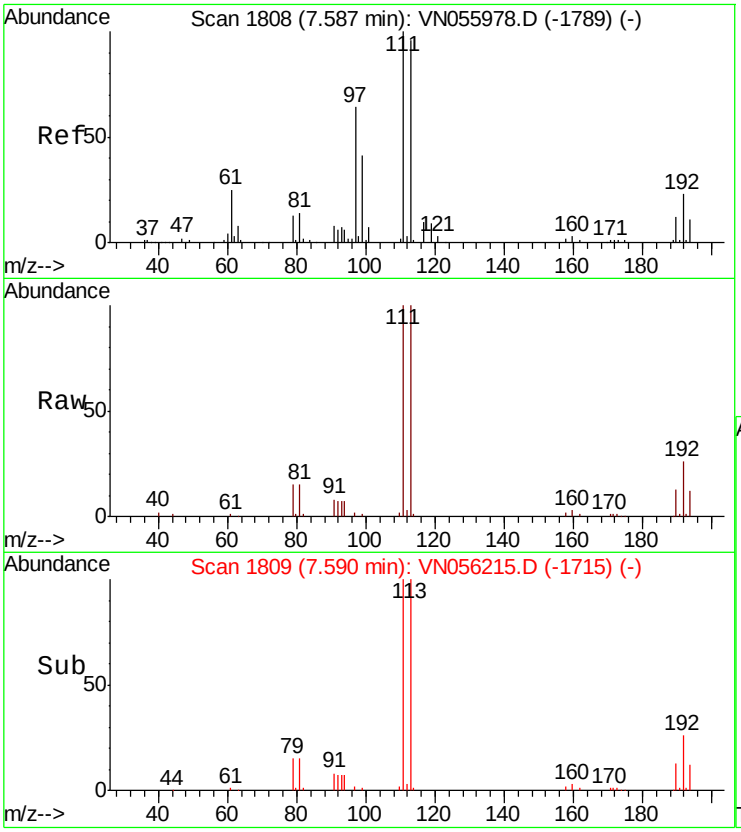


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion:114 Resp: 479132

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.2
88	14.9	0.0	31.0



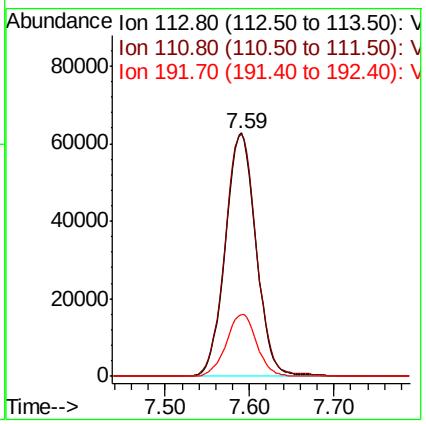


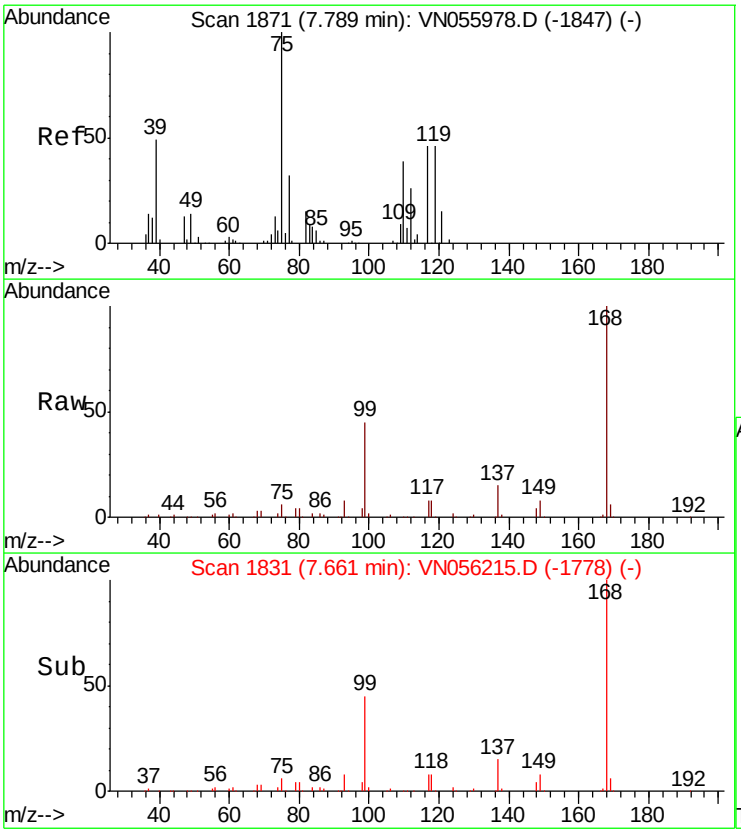
#35
Dibromofluoromethane
Concen: 53.806 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion:113 Resp: 158171

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	25.4	19.5	29.3

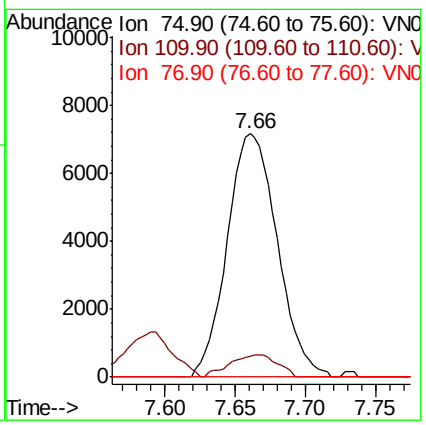


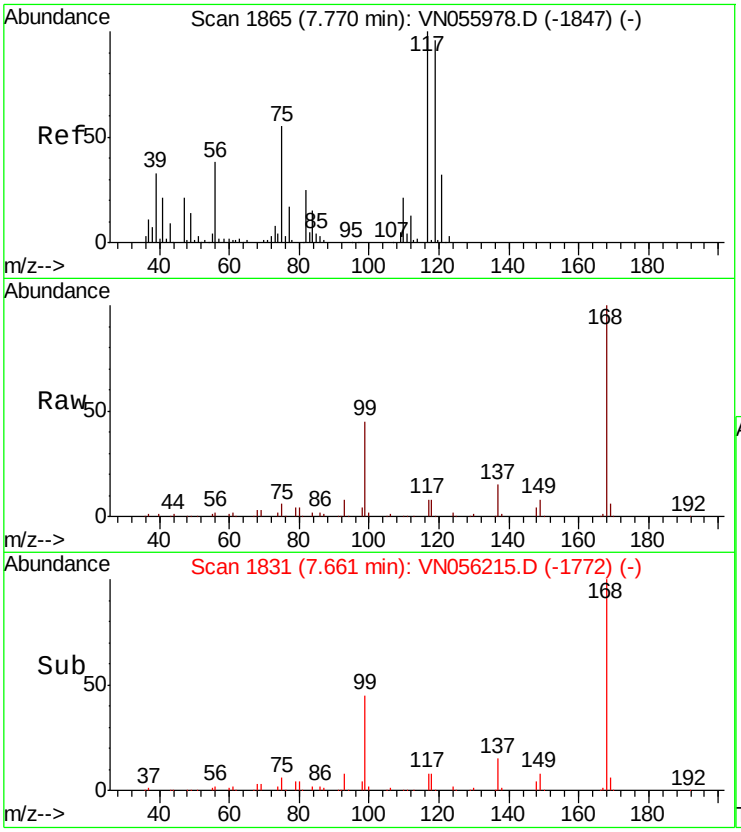


#36
1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 75 Resp: 17812

Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.0	57.0#
77	0.0	25.1	37.7#



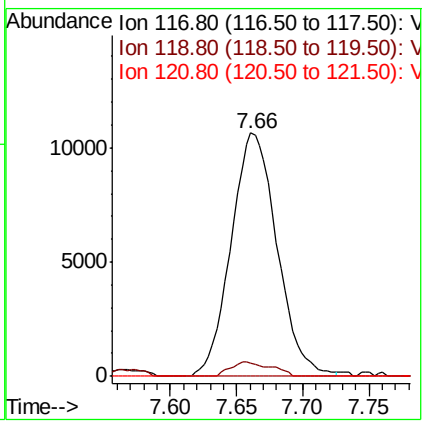


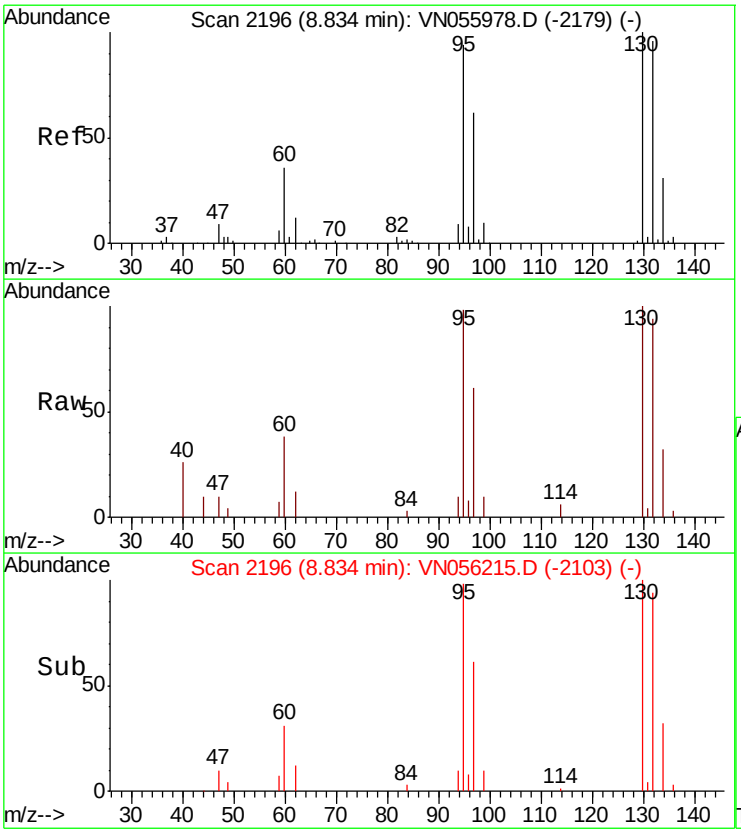
#38
Carbon Tetrachloride
Concen: 6.765 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion:117 Resp: 25697

Ion	Ratio	Lower	Upper
117	100		
119	5.6	79.0	118.6#
121	0.0	24.7	37.1#

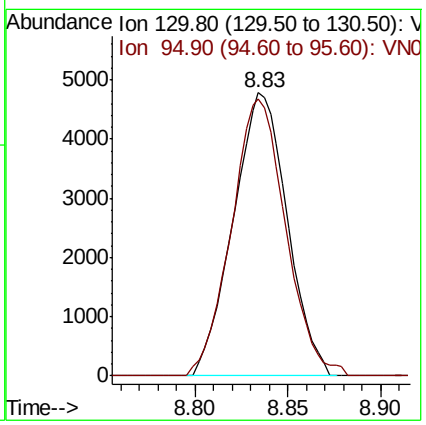


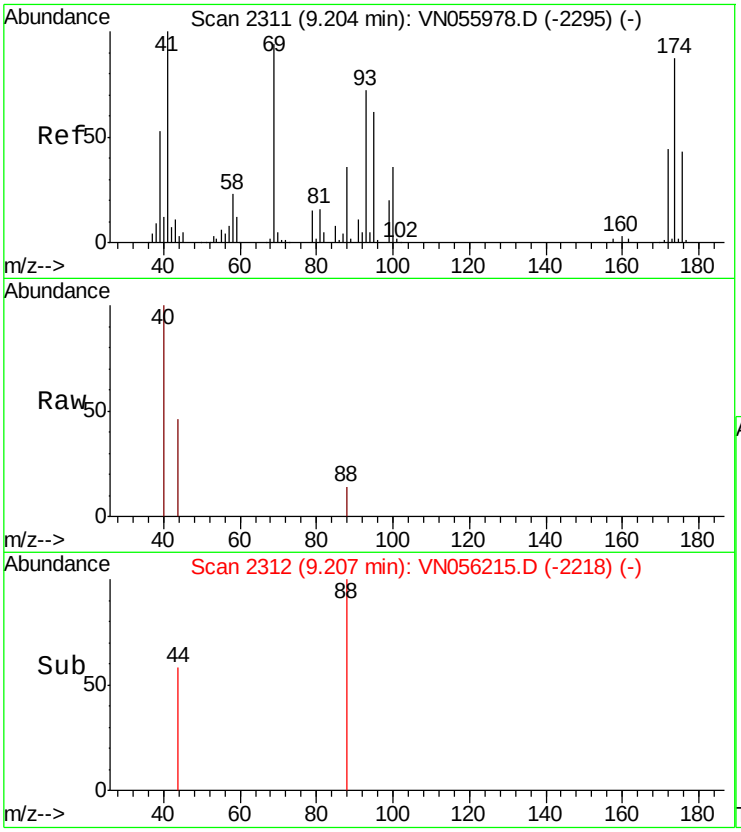


#44
Trichloroethene
Concen: 2.687 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion:130 Resp: 9661

Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	188.0



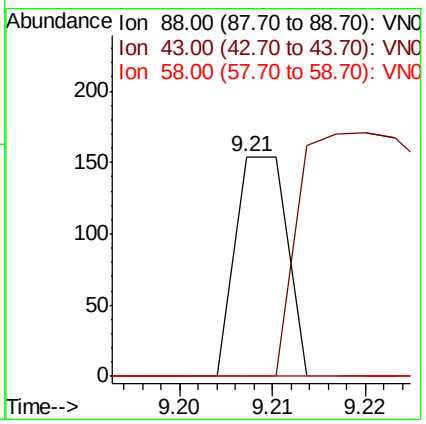


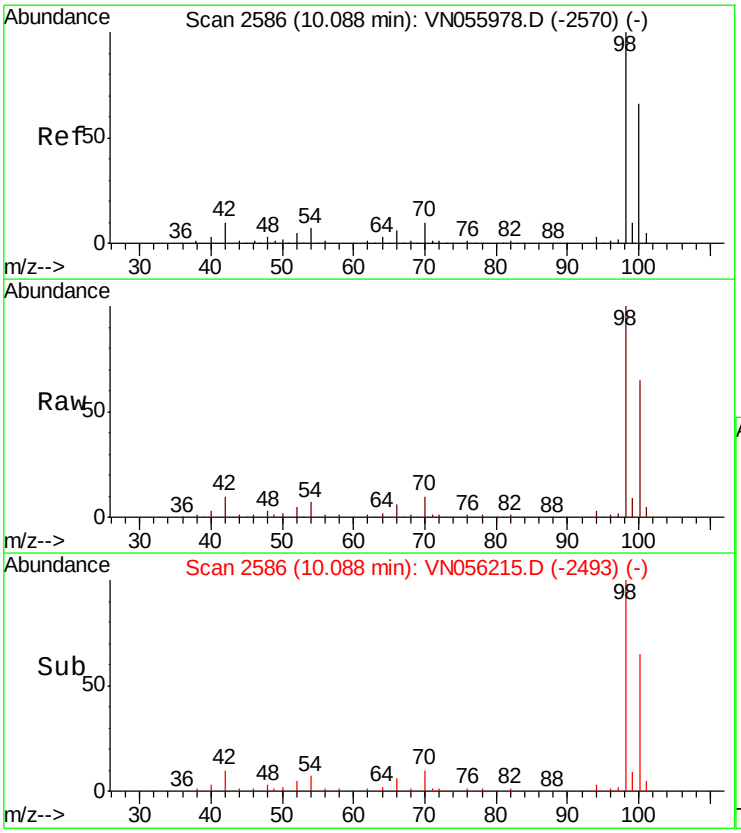
#49
1,4-Dioxane
Concen: 0.940 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
43	267.8	20.5	30.7#
58	0.0	55.8	83.6#

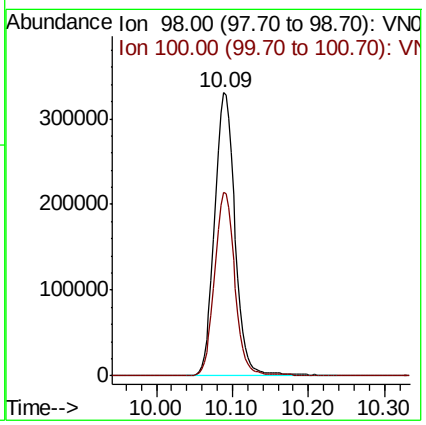


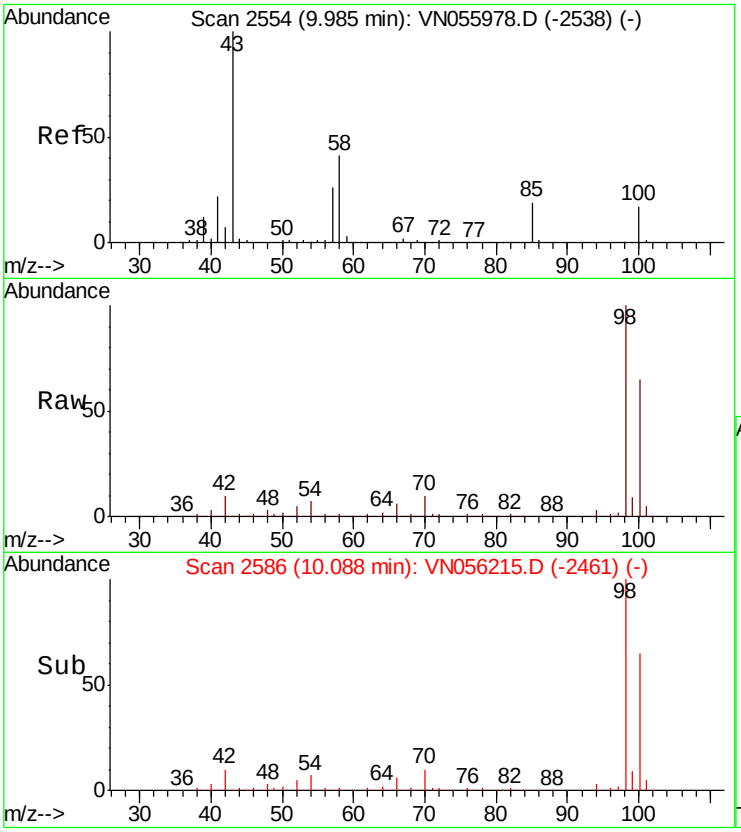


#50
Toluene-d8
Concen: 54.668 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 98 Resp: 618386

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9



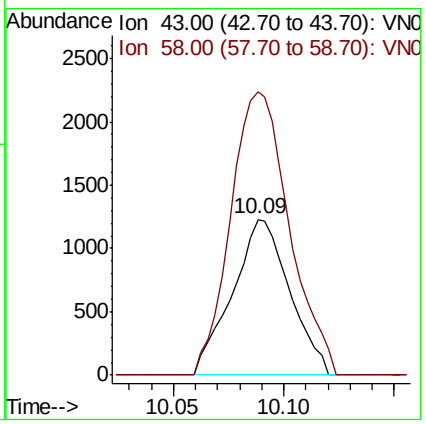


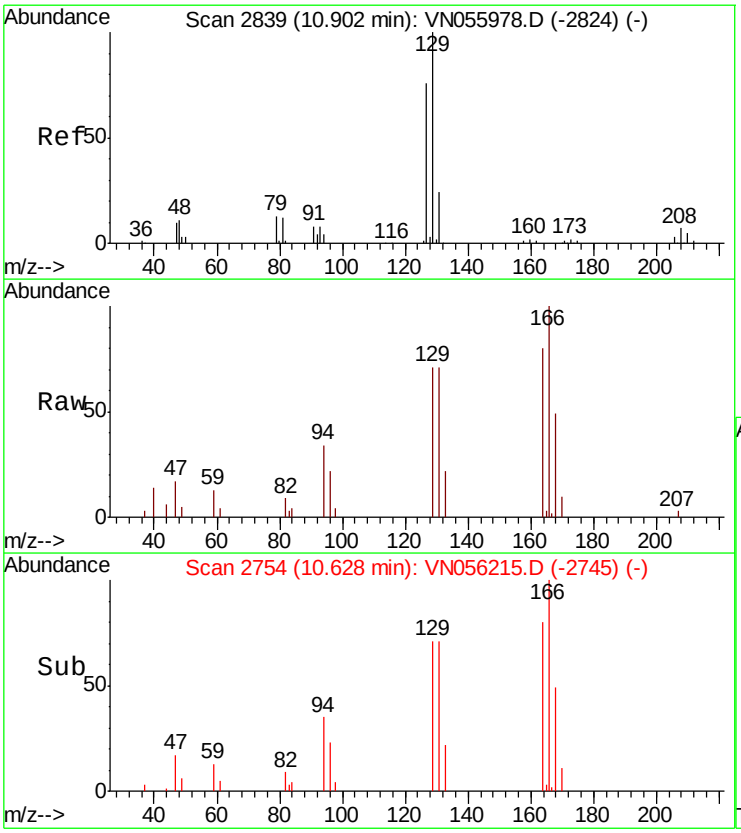
#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.10 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion: 43 Resp: 2216

Ion	Ratio	Lower	Upper
43	100		
58	186.8	32.1	48.1#

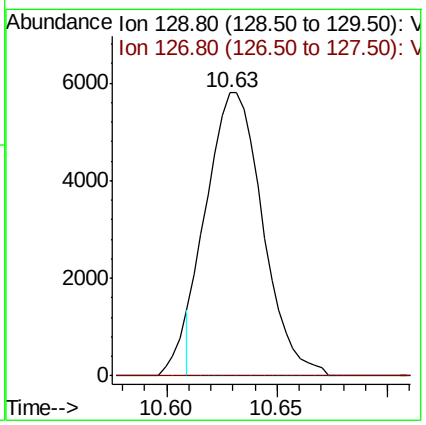


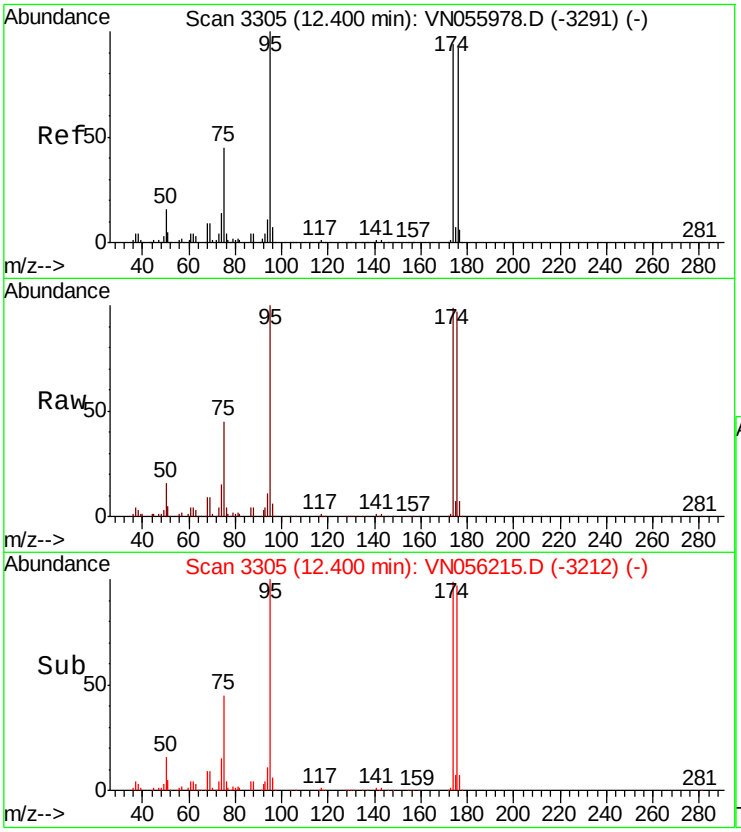


#60
Dibromochloromethane
Concen: 5.304 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion:129 Resp: 10203

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.1	114.3#



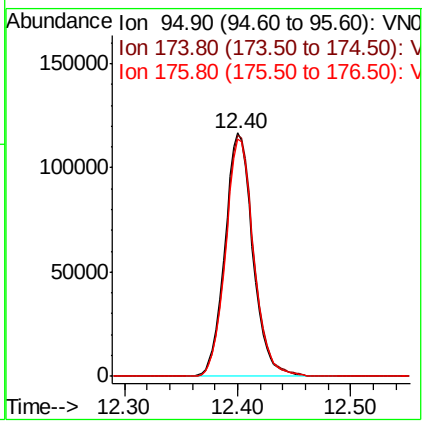


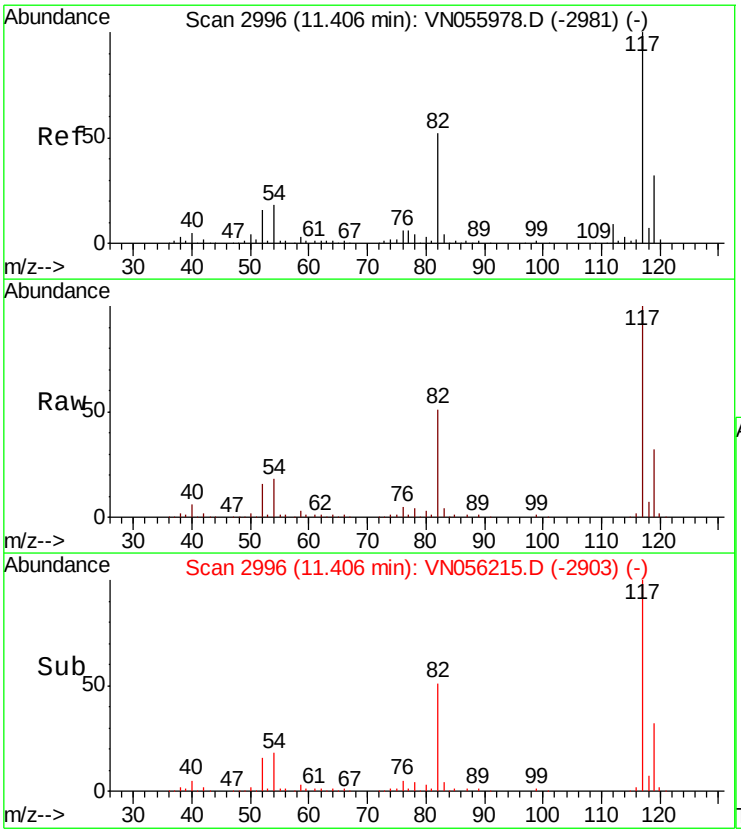
#62
4-Bromofluorobenzene
Concen: 52.051 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion: 95 Resp: 200231

Ion	Ratio	Lower	Upper
95	100		
174	100.7	0.0	191.0
176	97.8	0.0	185.2

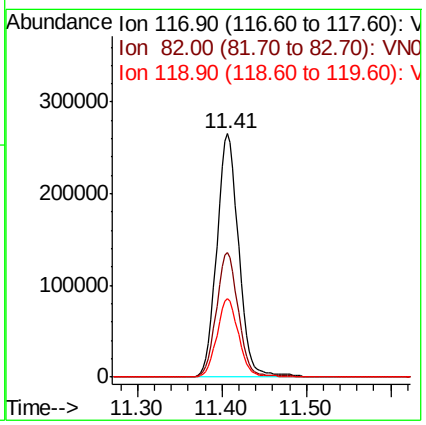


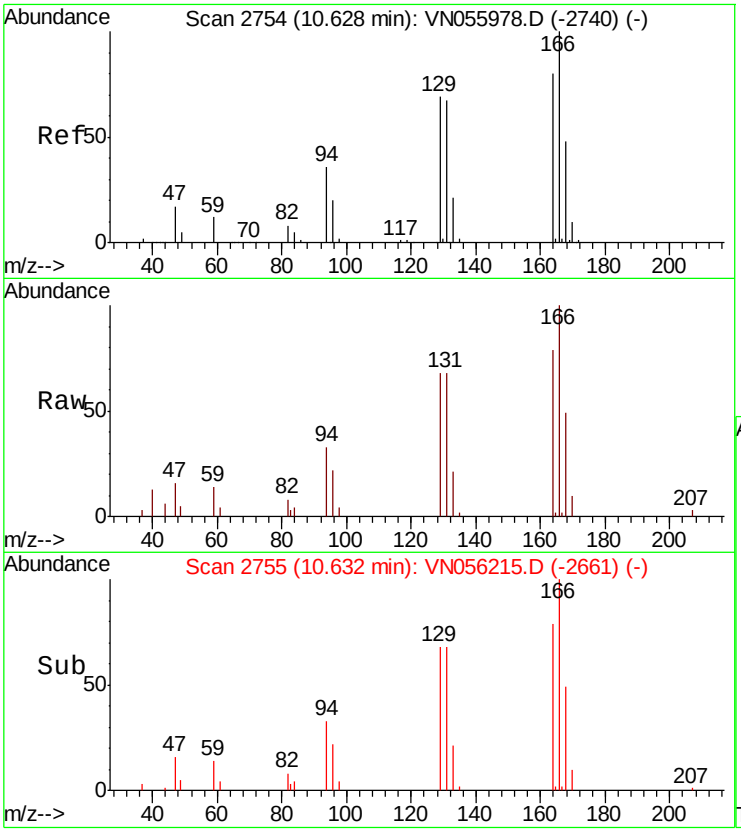


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion:117 Resp: 478114

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.8	62.8
119	32.3	25.4	38.0



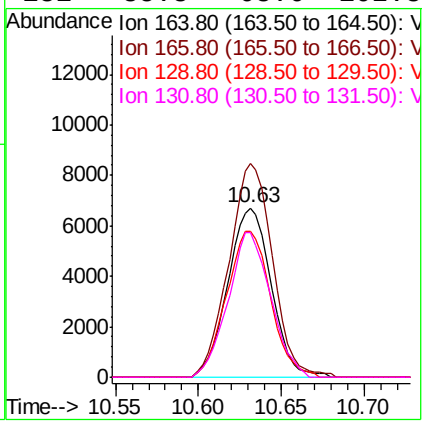


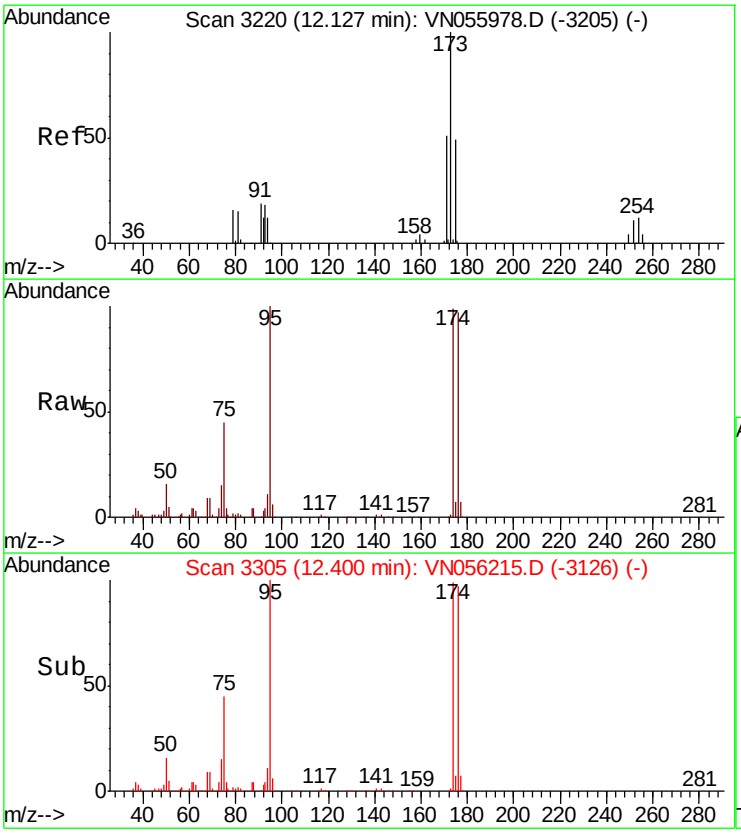
#64
Tetrachloroethene
Concen: 2.945 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion:164 Resp: 12190

Ion	Ratio	Lower	Upper
164	100		
166	126.4	103.0	154.6
129	86.5	70.6	105.8
131	85.8	68.6	102.8

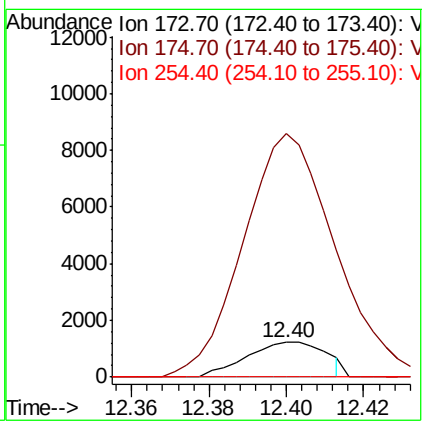


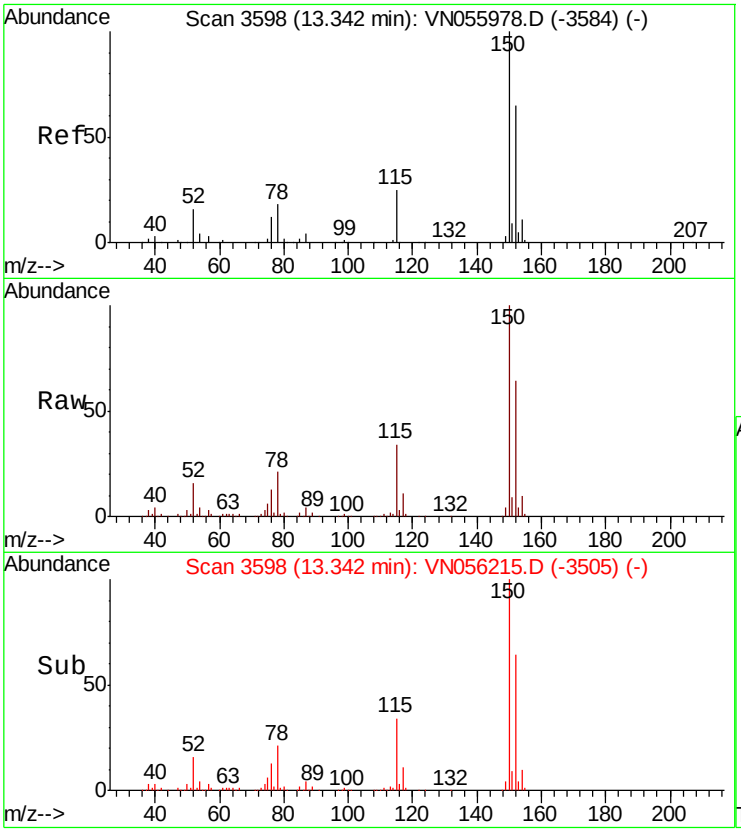


#71
Bromoform
Concen: 3.345 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion:173 Resp: 1759

Ion	Ratio	Lower	Upper
173	100		
175	704.8	24.3	72.8#
254	0.0	0.0	0.0



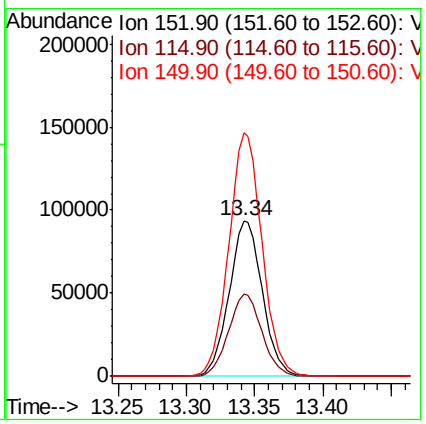


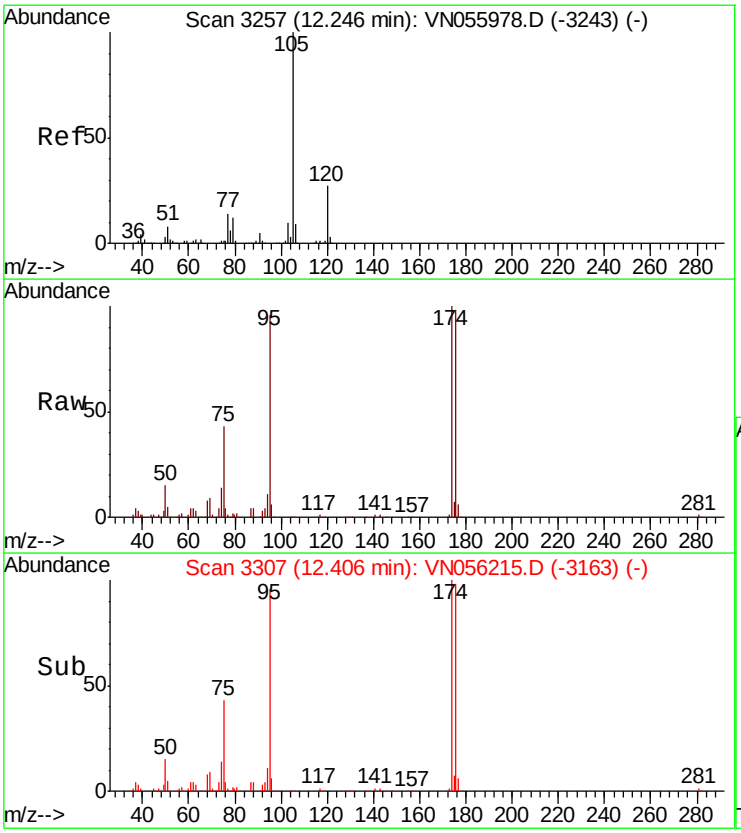
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion:152 Resp: 157507

Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.0	81.0
150	157.4	0.0	343.2

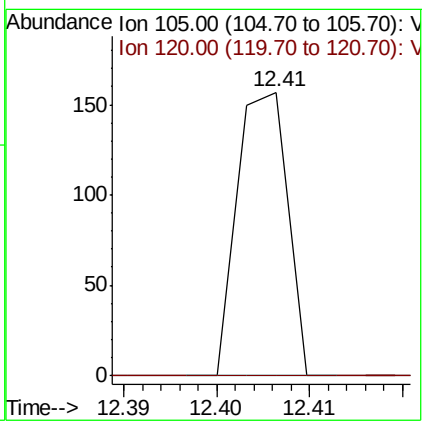


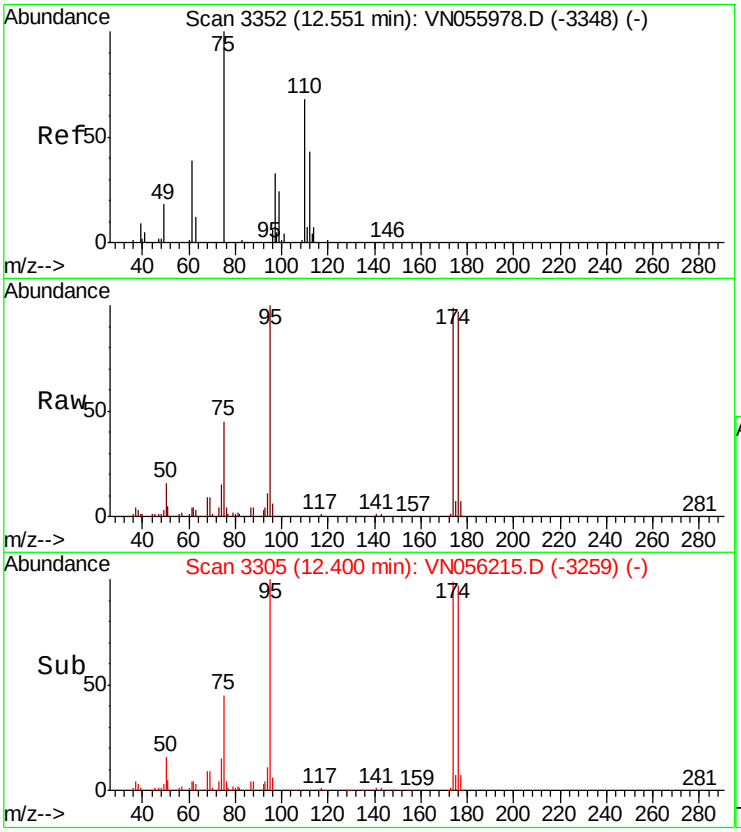


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.41 min Scan# 3307
Delta R.T. 0.16 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion:105 Resp: 59

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.6	40.7#



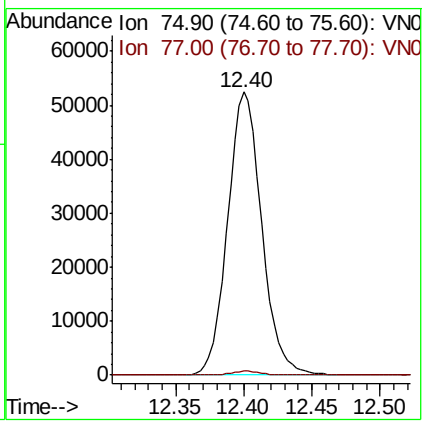


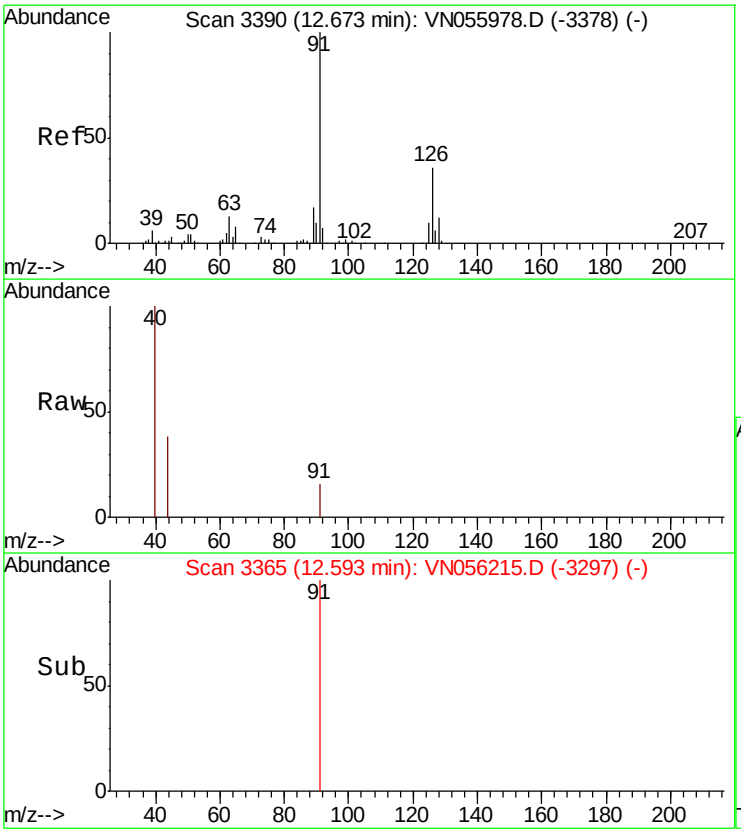
#76
1,2,3-Trichloropropane
Concen: 31.316 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion: 75 Resp: 90761

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

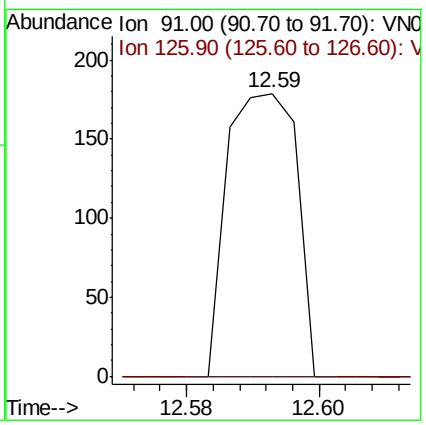


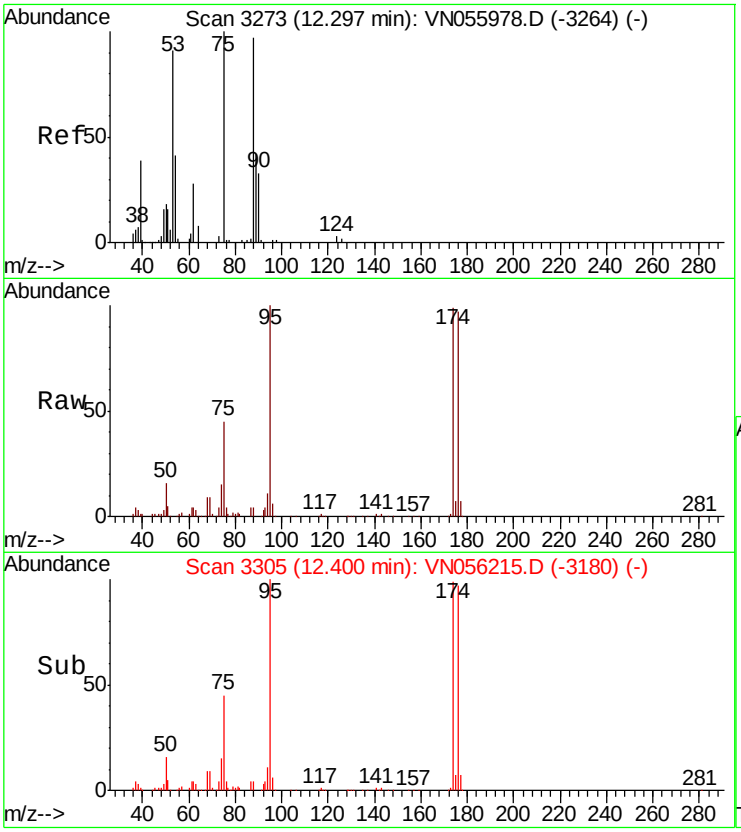


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.59 min Scan# 3365
Delta R.T. -0.08 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 91 Resp: 130

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.4#



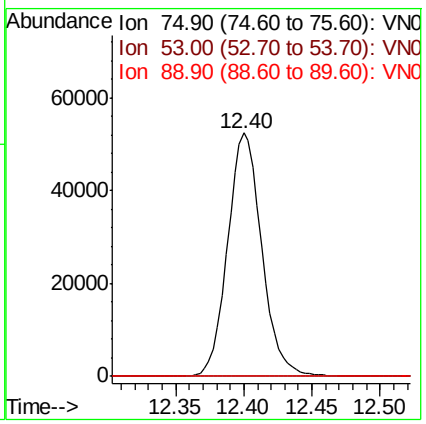


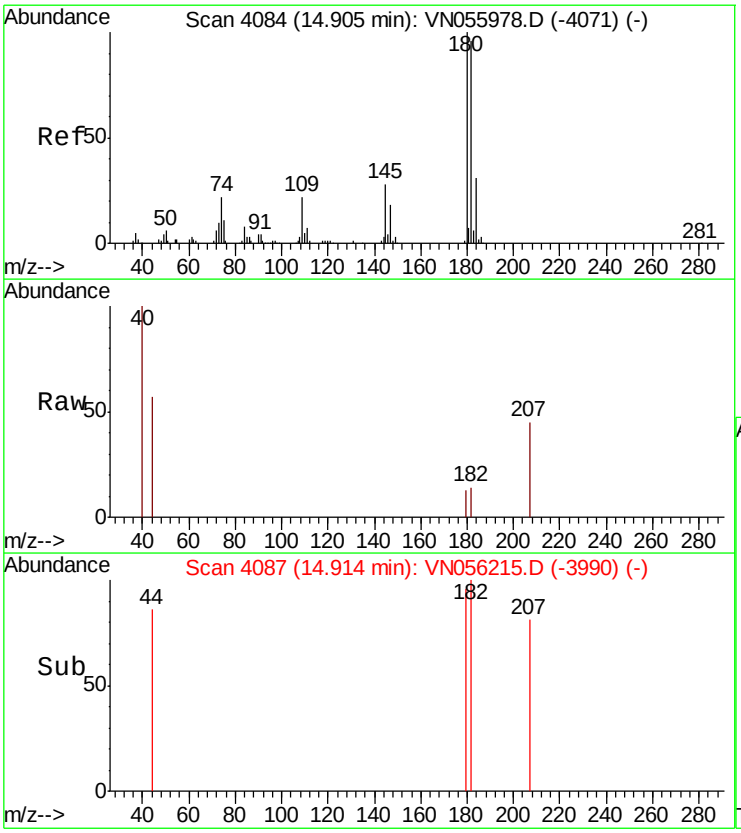
#81
trans-1,4-Dichloro-2-butene
Concen: 104.289 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion: 75 Resp: 90761

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.1	102.1#
89	0.0	36.9	55.3#

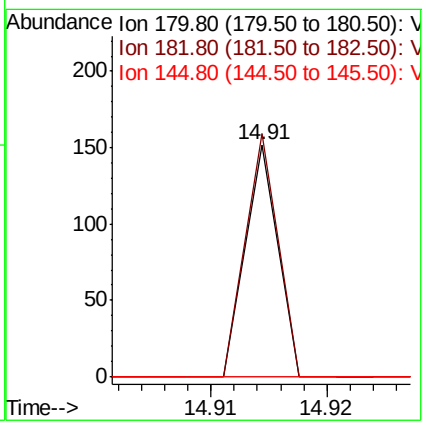


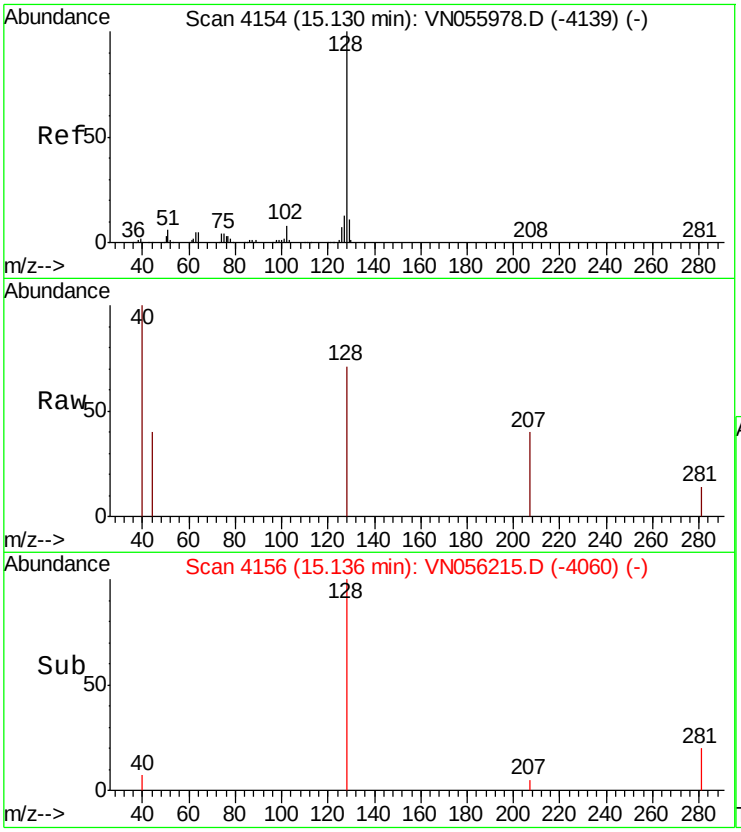


#93
1,2,4-Trichlorobenzene
Concen: 4.279 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Tgt Ion:180 Resp: 29

Ion	Ratio	Lower	Upper
180	100		
182	106.9	48.3	144.9
145	0.0	14.0	41.9#





#95
Naphthalene
Concen: 4.076 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN056215.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW202I-20190610

Tgt Ion:128 Resp: 1832

Ion	Ratio	Lower	Upper
128	100		
127	1.6	10.3	15.5#
129	0.0	8.7	13.1#