Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121219\
Data File : VN059569.D
Acq On : 12 Dec 2019 12:44
Operator : JC/SP
Sample : VN1212MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Quant Time: Dec 13 04:03:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	234316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	367057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	321148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	163055	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.58%			
35) Dibromofluoromethane	7.56	113	115260	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.24%			
50) Toluene-d8	10.08	98	452686	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.24%			
62) 4-Bromofluorobenzene	12.40	95	143370	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.62%			
Target Compounds						Qvalue
13) Acrolein	3.58	56	94	0.357	ug/l #	14
16) Acetone	3.80	43	6321	4.132	ug/l #	84
17) Carbon Disulfide	4.02	76	3024	Below Cal	#	87
20) Methylene Chloride	4.52	84	4788	1.471	ug/l	96
25) 2-Butanone	6.82	43	2018	0.980	ug/l #	50
29) Tetrahydrofuran	7.19	42	430	0.300	ug/l #	35
31) Cyclohexane	7.64	56	5818	1.179	ug/l #	21
36) 1,1-Dichloropropene	7.64	75	19359	5.141	ug/l #	47
37) Ethyl Acetate	6.90	43	163	1.573	ug/l #	69
38) Carbon Tetrachloride	7.64	117	23000	6.196	ug/l #	18
51) 4-Methyl-2-Pentanone	9.97	43	1266	Below Cal	#	86
59) 2-Hexanone	10.75	43	1117	2.565	ug/l #	60
70) Styrene	11.96	104	1549	0.221	ug/l #	87
71) Bromoform	12.40	173	816	0.413	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	75875	24.888	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	75875	66.960	ug/l #	16
88) 1,4-Dichlorobenzene	13.36	146	858	0.214	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.27	75	80	2.191	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	1486	0.558	ug/l	95
94) Hexachlorobutadiene	15.01	225	709	0.521	ug/l	82
95) Naphthalene	15.13	128	6785	0.872	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.29	180	2366	3.279	ug/l	89

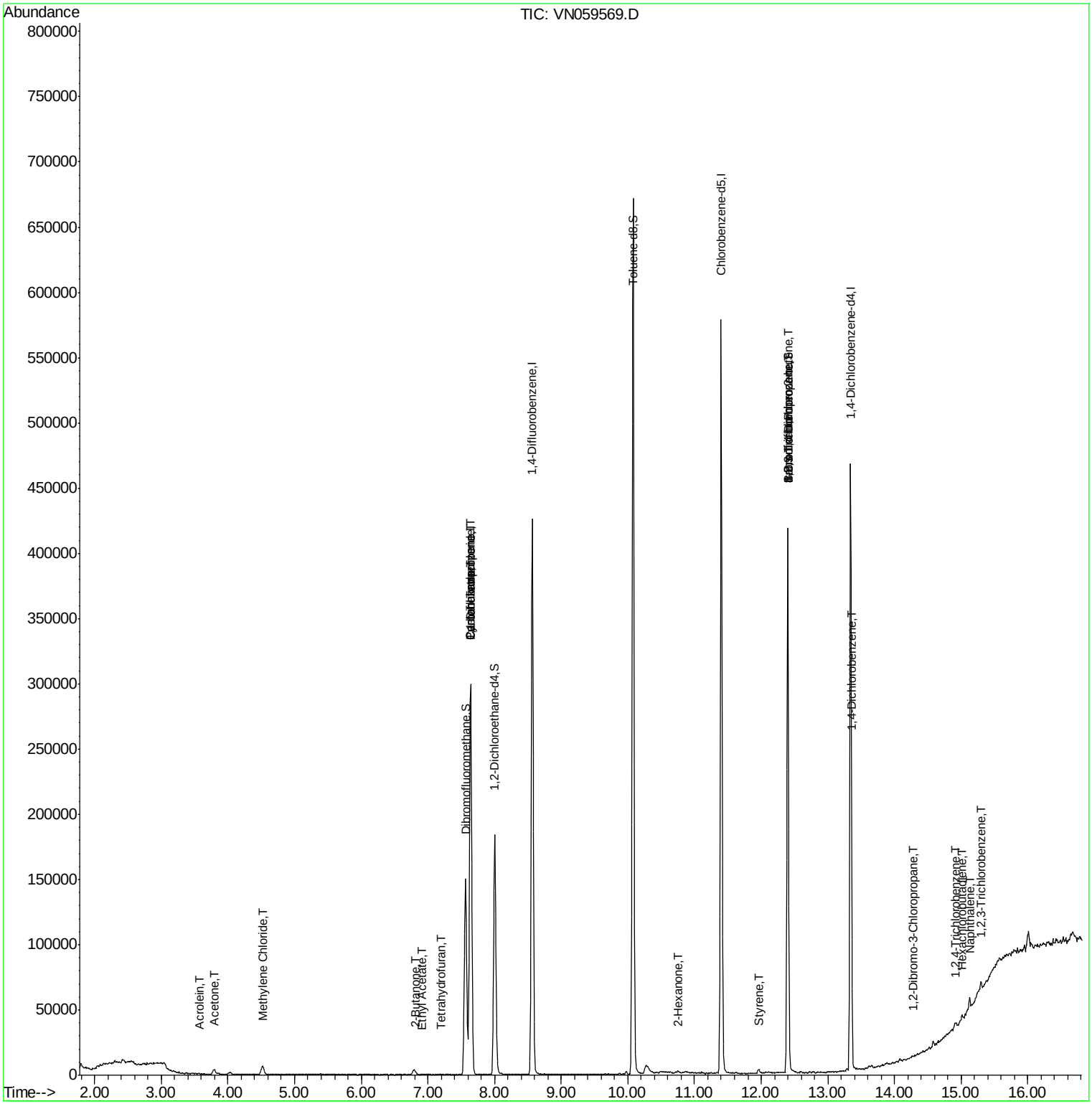
(#) = qualifier out of range (m) = manual integration (+) = signals summed

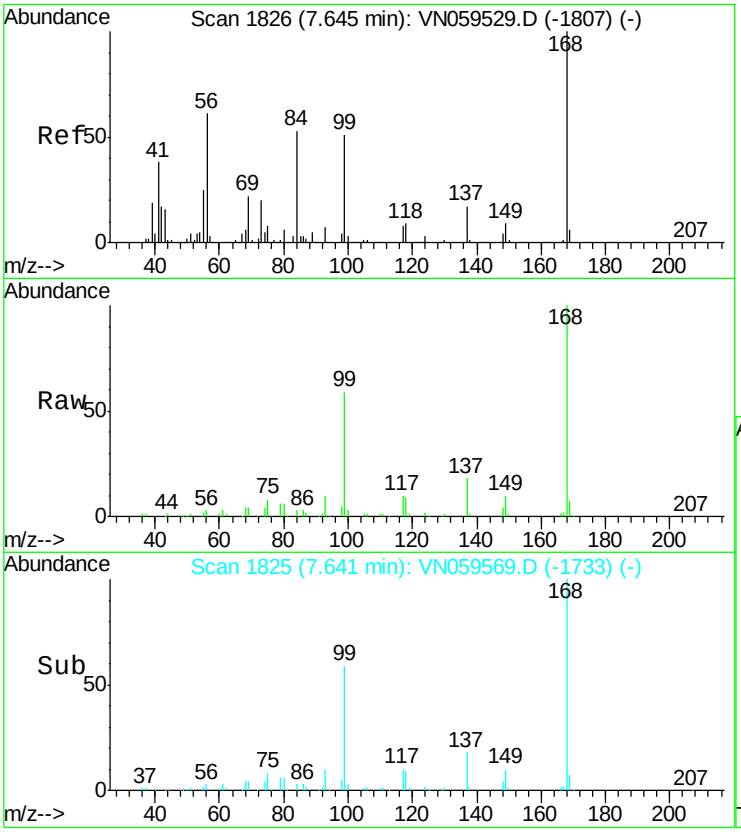
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121219\
Data File : VN059569.D
Acq On : 12 Dec 2019 12:44
Operator : JC/SP
Sample : VN1212MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

Quant Time: Dec 13 04:03:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration



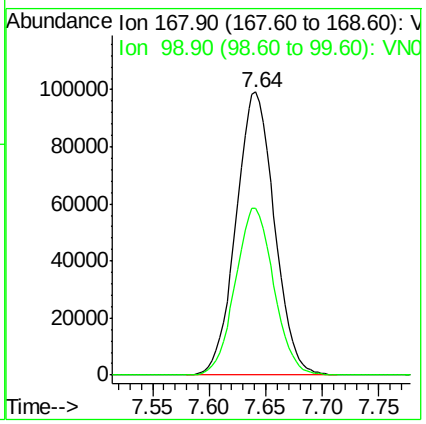


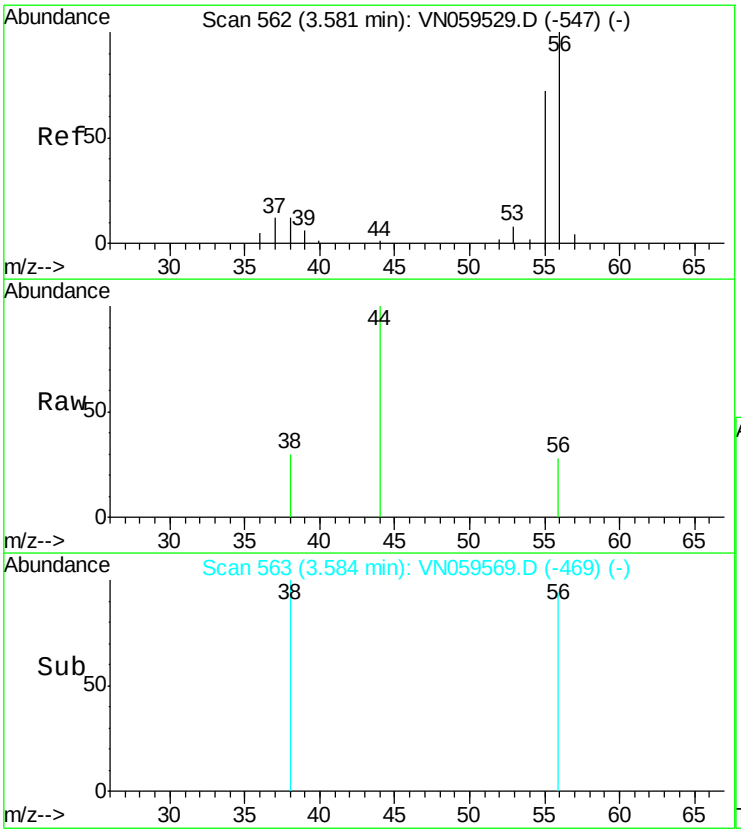
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Tgt Ion:168 Resp: 234316

Ion	Ratio	Lower	Upper
168	100		
99	59.0	46.6	70.0

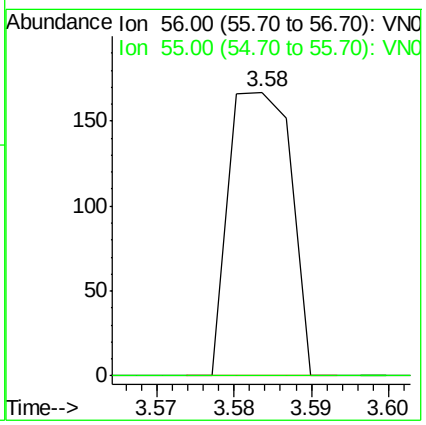


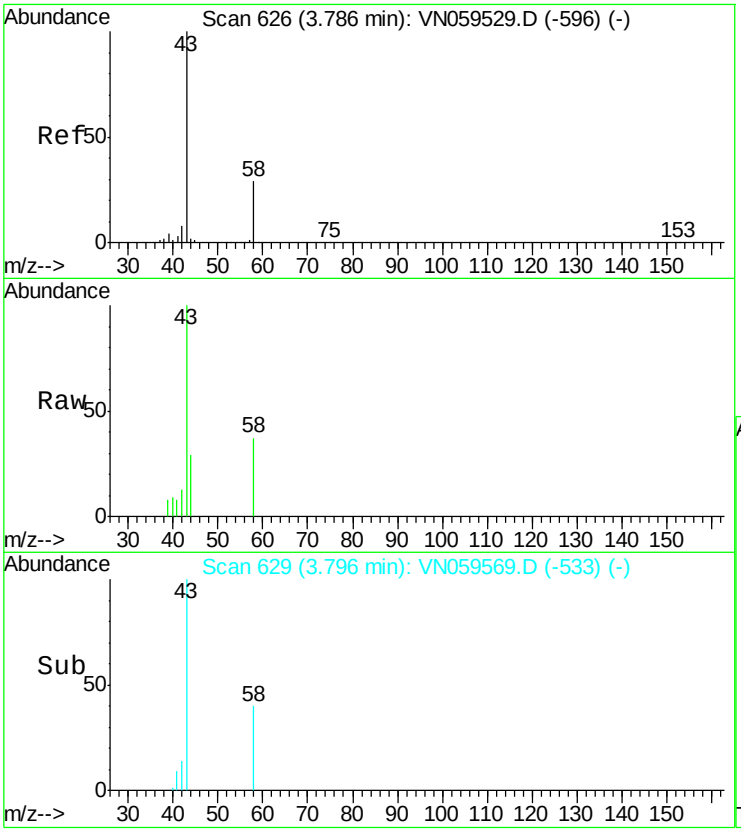


#13
Acrolein
Concen: 0.357 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion: 56 Resp: 94

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.9	85.3#



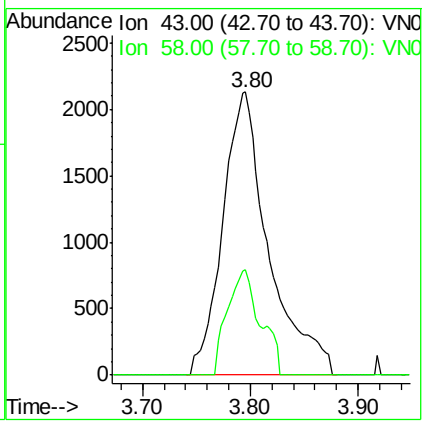


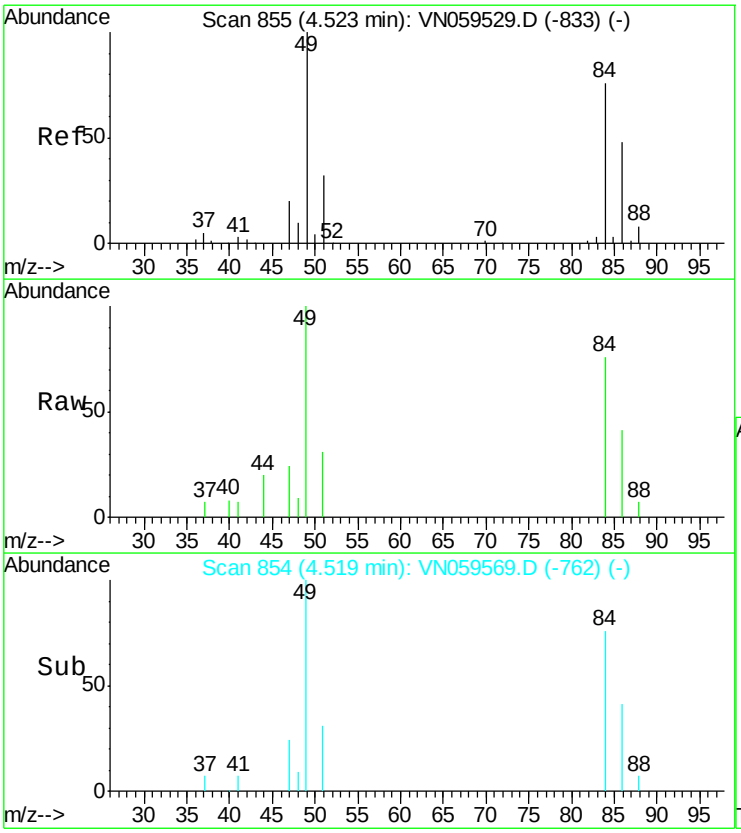
#16
Acetone
Concen: 4.132 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Tgt Ion: 43 Resp: 6321

Ion	Ratio	Lower	Upper
43	100		
58	37.4	23.0	34.4#

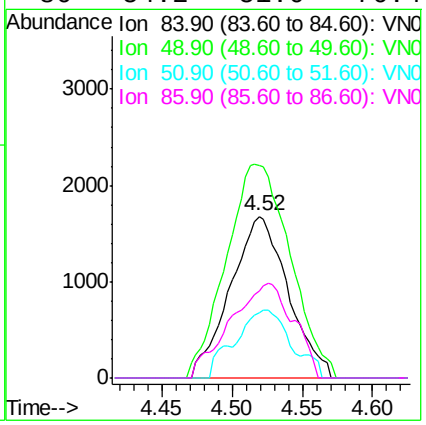


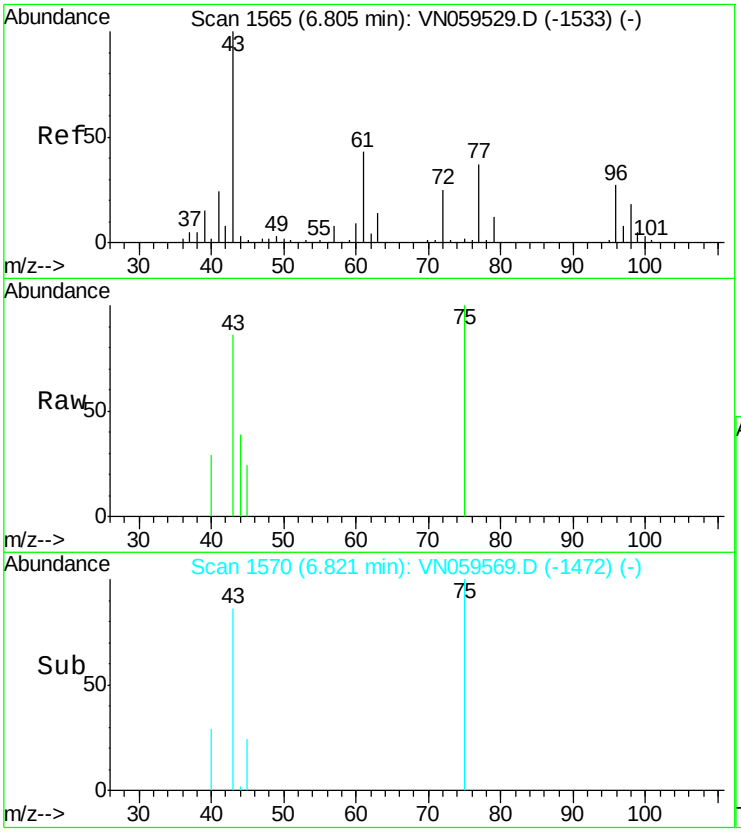


#20
Methylene Chloride
Concen: 1.471 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion: 84 Resp: 4788

Ion	Ratio	Lower	Upper
84	100		
49	131.4	105.8	158.8
51	40.5	33.7	50.5
86	54.2	51.0	76.4



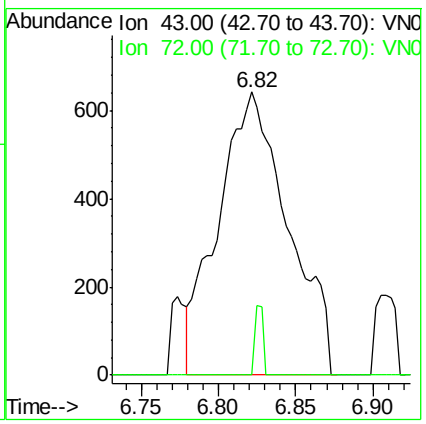


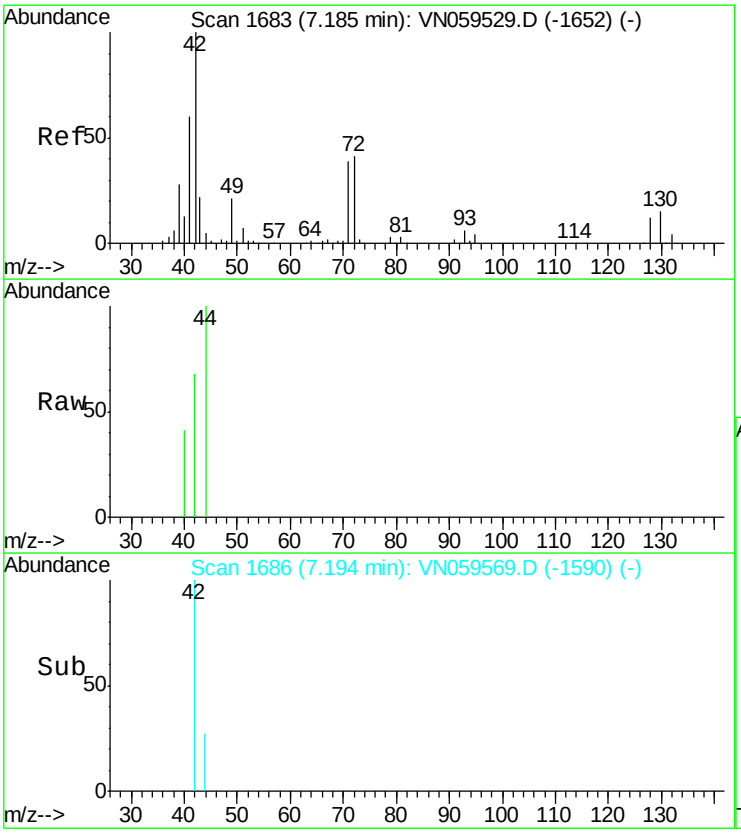
#25
2-Butanone
Concen: 0.980 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.02 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Tgt Ion: 43 Resp: 2018

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.9	29.9#

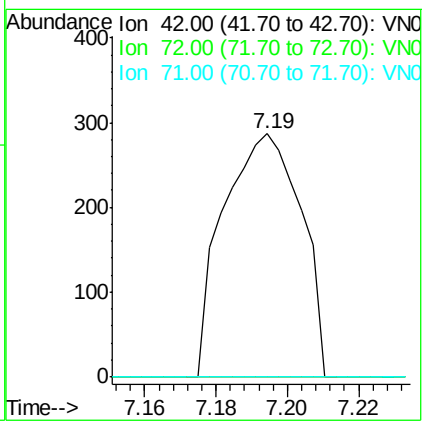


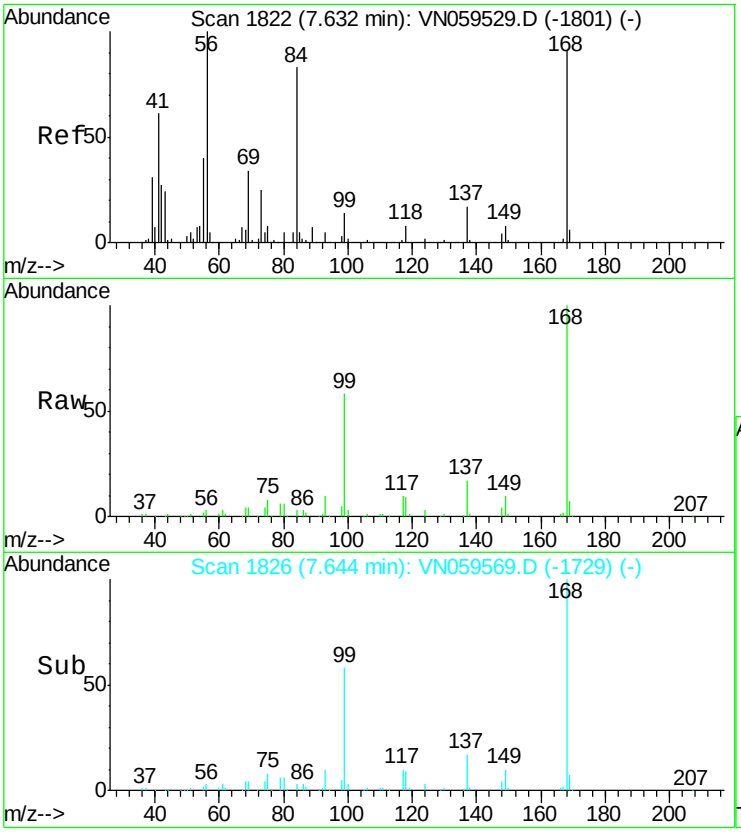


#29
Tetrahydrofuran
Concen: 0.300 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion: 42 Resp: 430

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.7	49.1#
71	0.0	31.4	47.2#



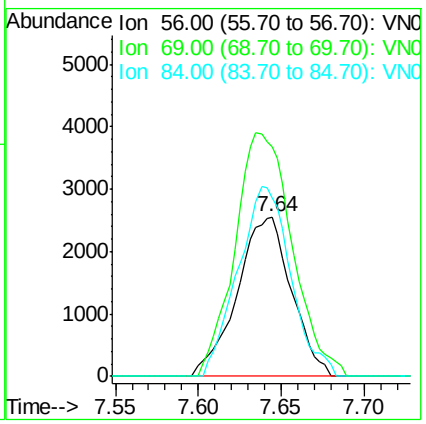


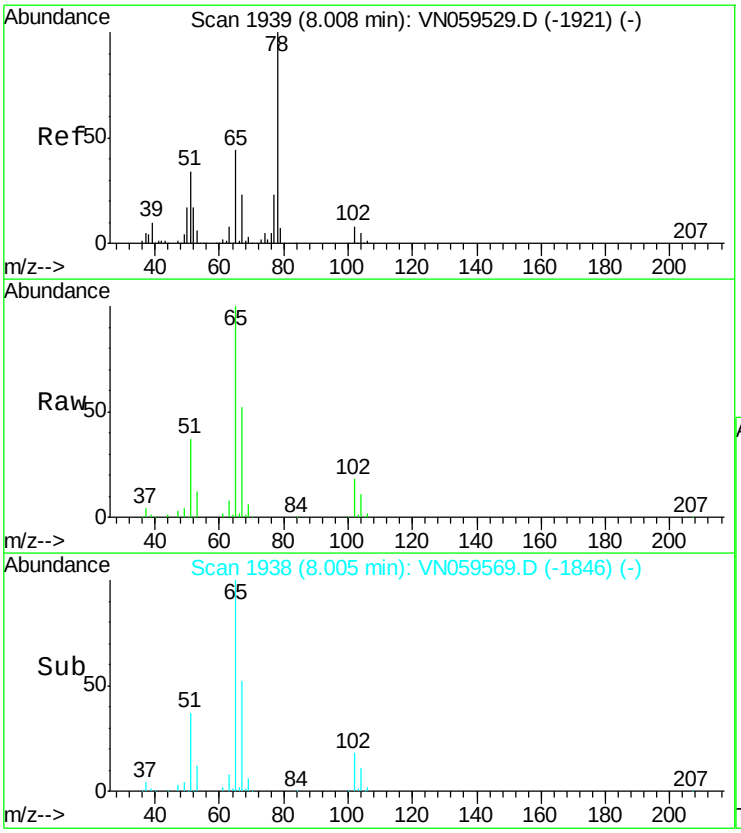
#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Tgt Ion: 56 Resp: 5818

Ion	Ratio	Lower	Upper
56	100		
69	144.3	26.9	40.3#
84	112.3	66.5	99.7#

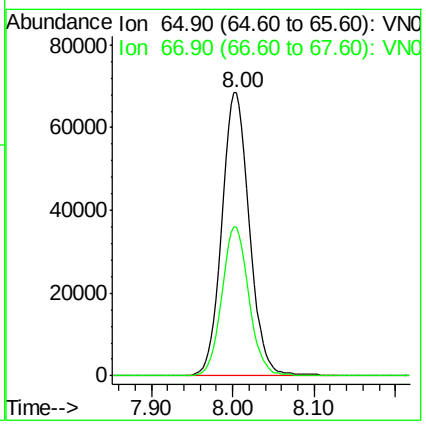


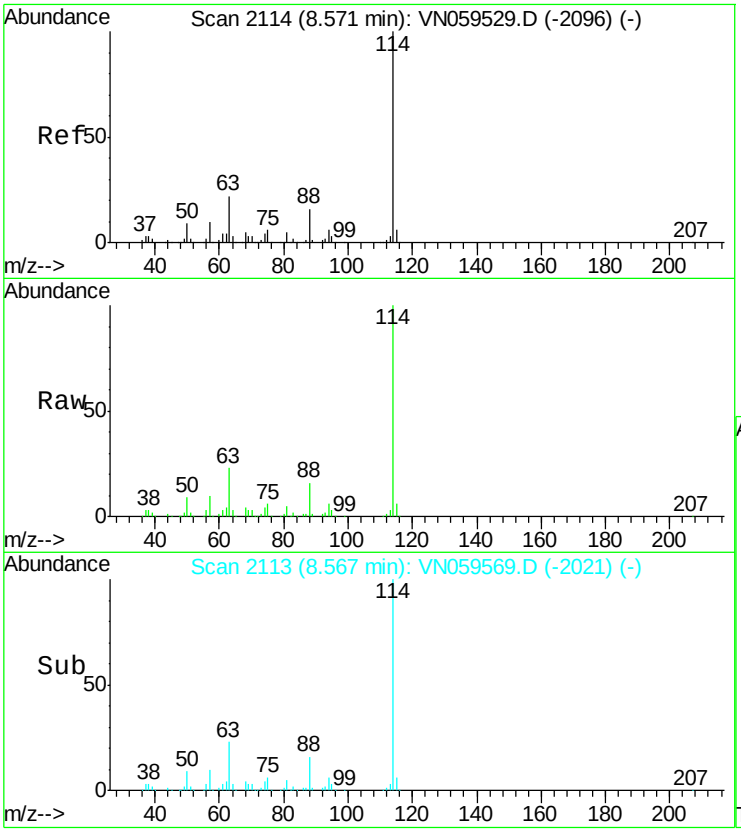


#33
1,2-Dichloroethane-d4
Concen: 49.790 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion: 65 Resp: 163055

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.6



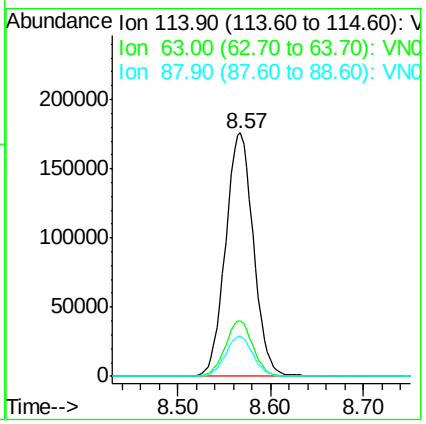


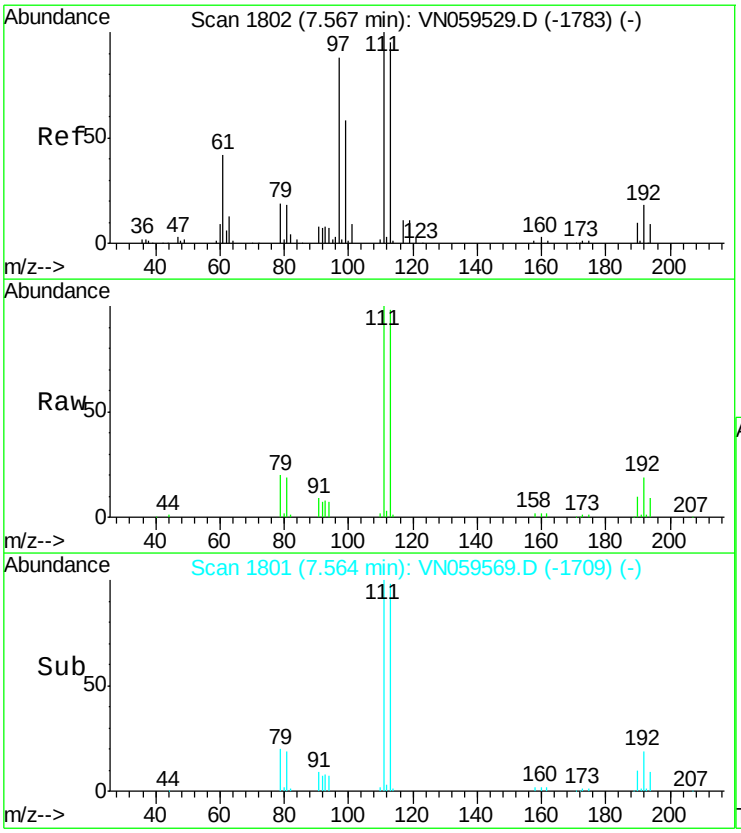
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

Tgt Ion:114 Resp: 367057

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.0
88	16.3	0.0	32.2

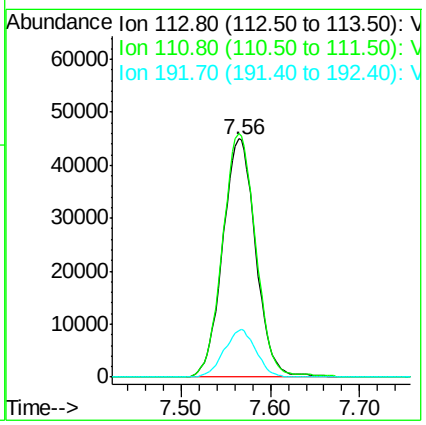


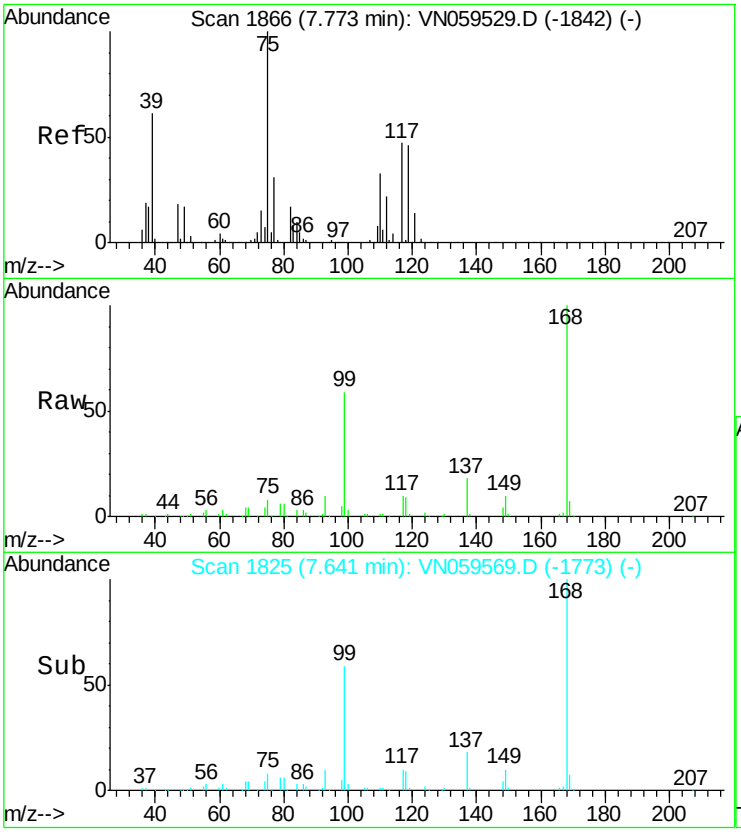


#35
Dibromofluoromethane
Concen: 52.621 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion:113 Resp: 115260

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	19.2	14.8	22.2



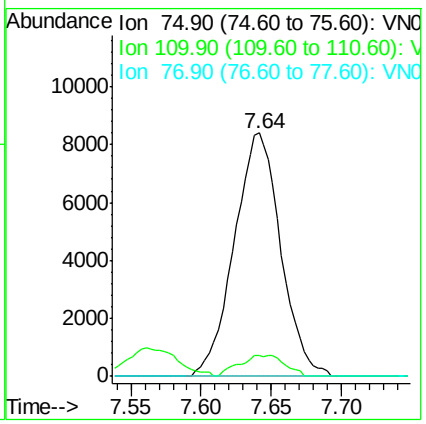


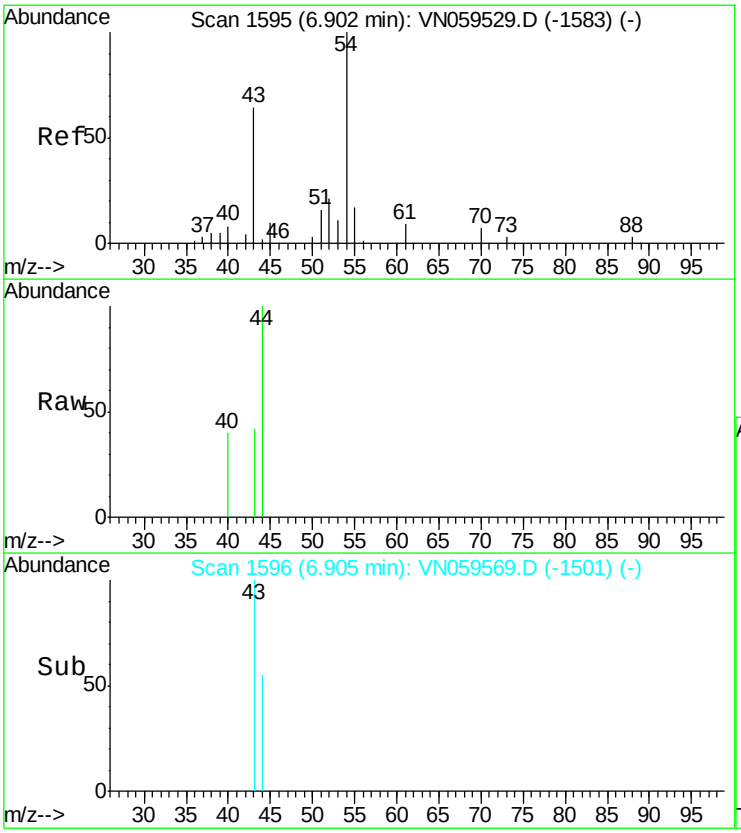
#36
1,1-Dichloropropene
Concen: 5.141 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

Tgt Ion: 75 Resp: 19359

Ion	Ratio	Lower	Upper
75	100		
110	4.9	16.7	50.0#
77	0.0	24.6	37.0#

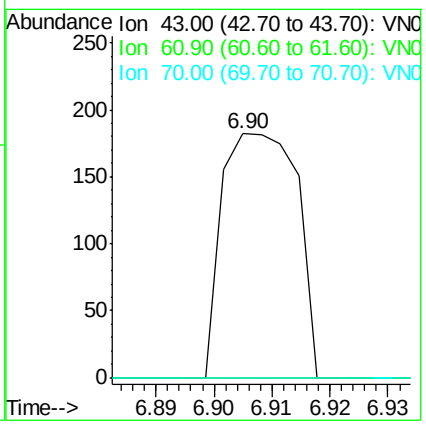


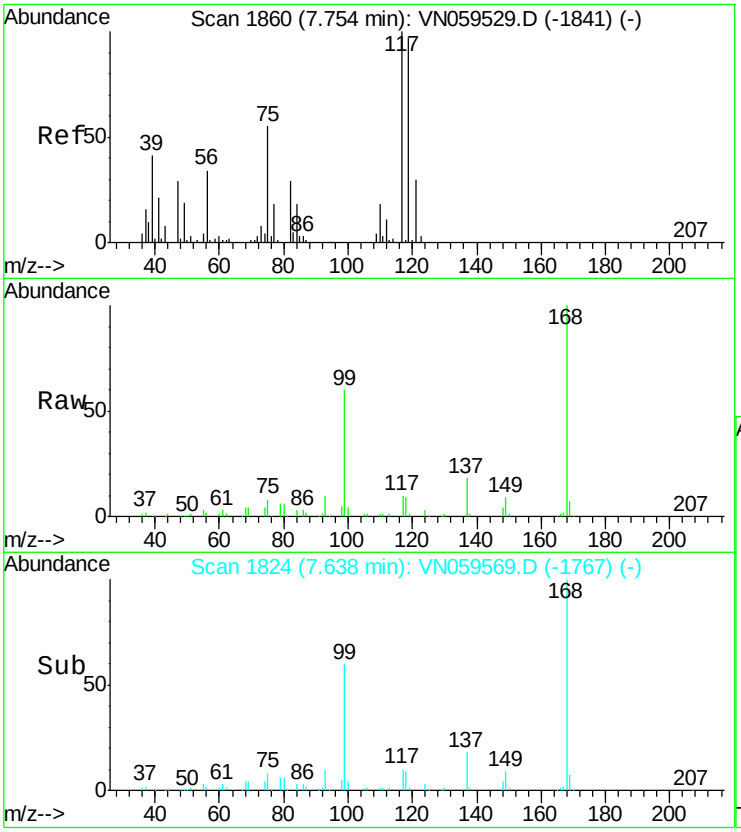


#37
Ethyl Acetate
Concen: 1.573 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion: 43 Resp: 163

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.6#
70	0.0	7.7	11.5#



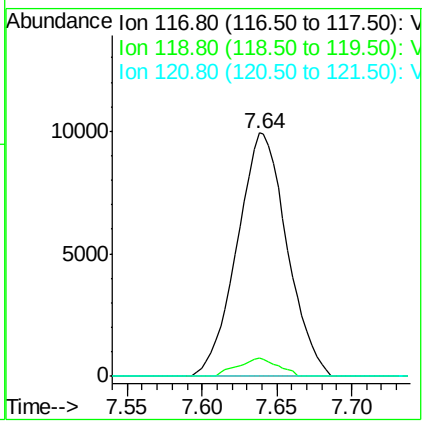


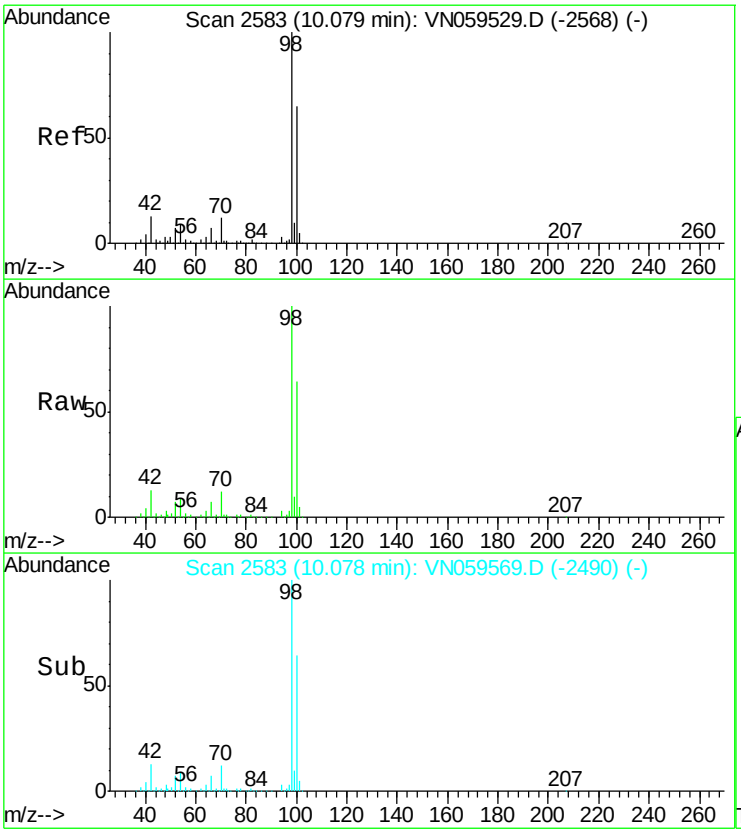
#38
Carbon Tetrachloride
Concen: 6.196 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.12 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Tgt Ion:117 Resp: 23000

Ion	Ratio	Lower	Upper
117	100		
119	7.4	77.0	115.4#
121	0.0	24.1	36.1#

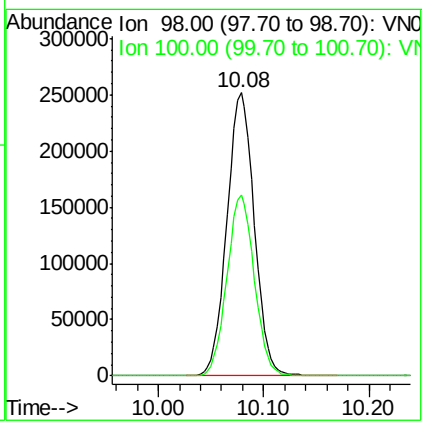


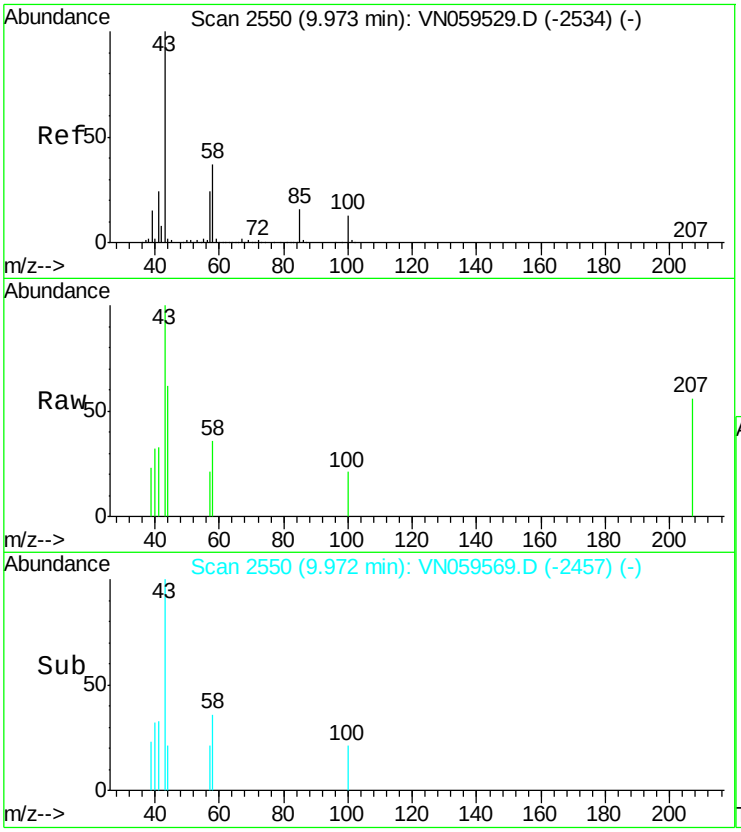


#50
Toluene-d8
Concen: 50.622 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion: 98 Resp: 452686

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.8	77.8



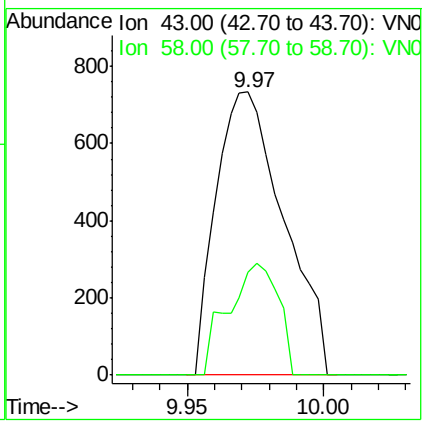


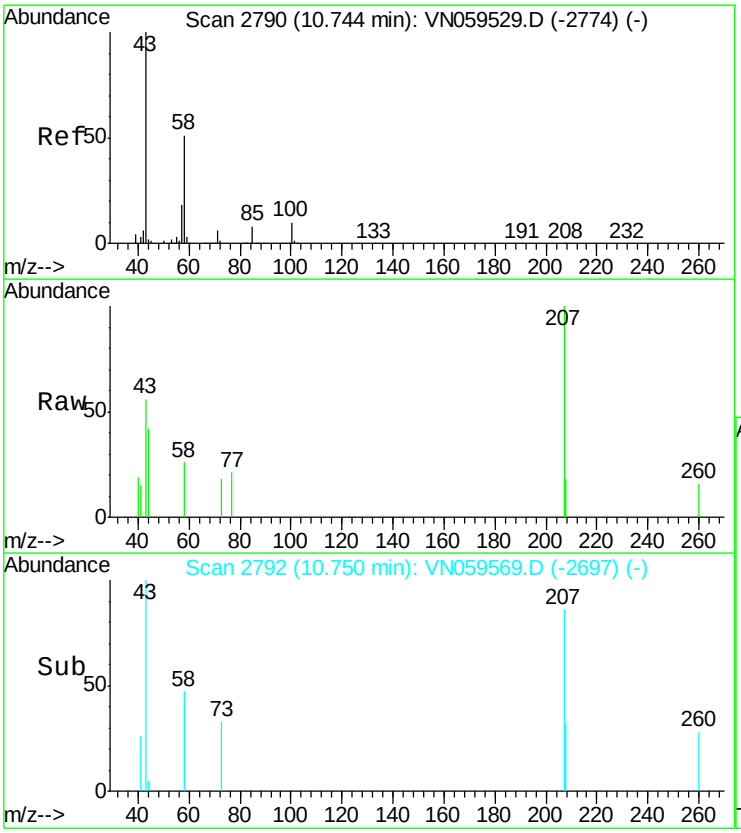
#51
4-Methyl-2-Pentanone
Concen: Below Cal
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Tgt Ion: 43 Resp: 1266

Ion	Ratio	Lower	Upper
43	100		
58	29.1	30.1	45.1#

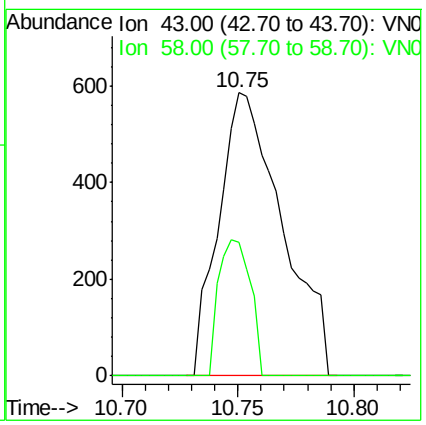


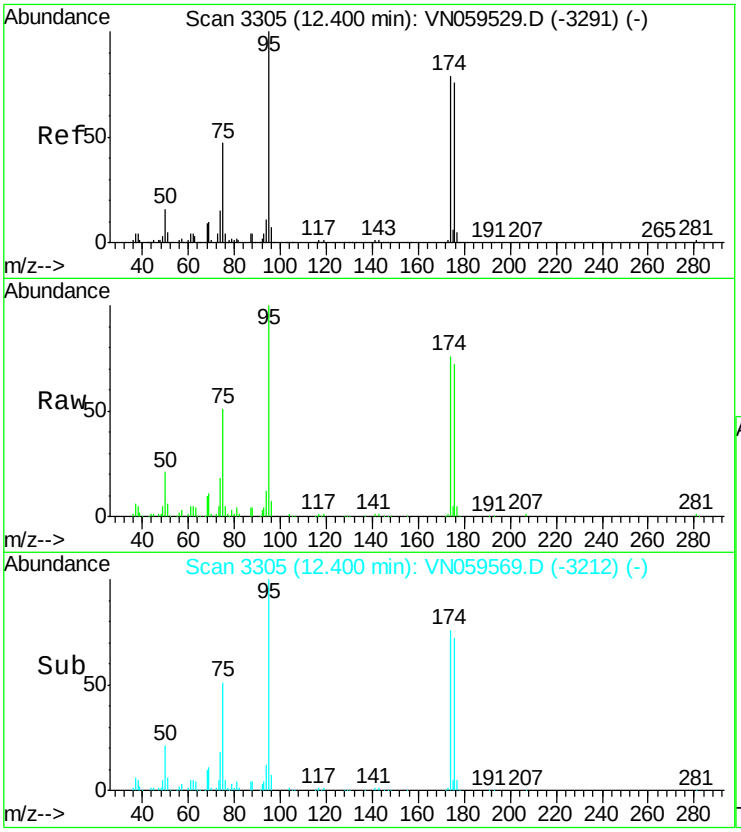


#59
2-Hexanone
Concen: 2.565 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.01 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion: 43 Resp: 1117

Ion	Ratio	Lower	Upper
43	100		
58	23.8	25.9	77.6#



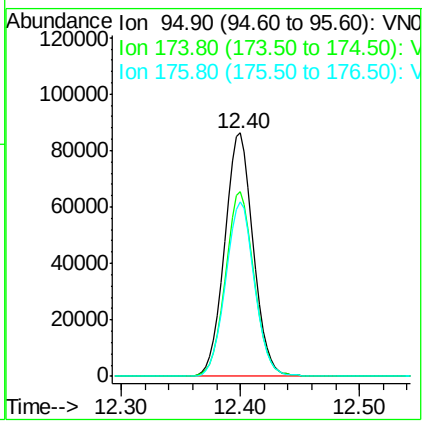


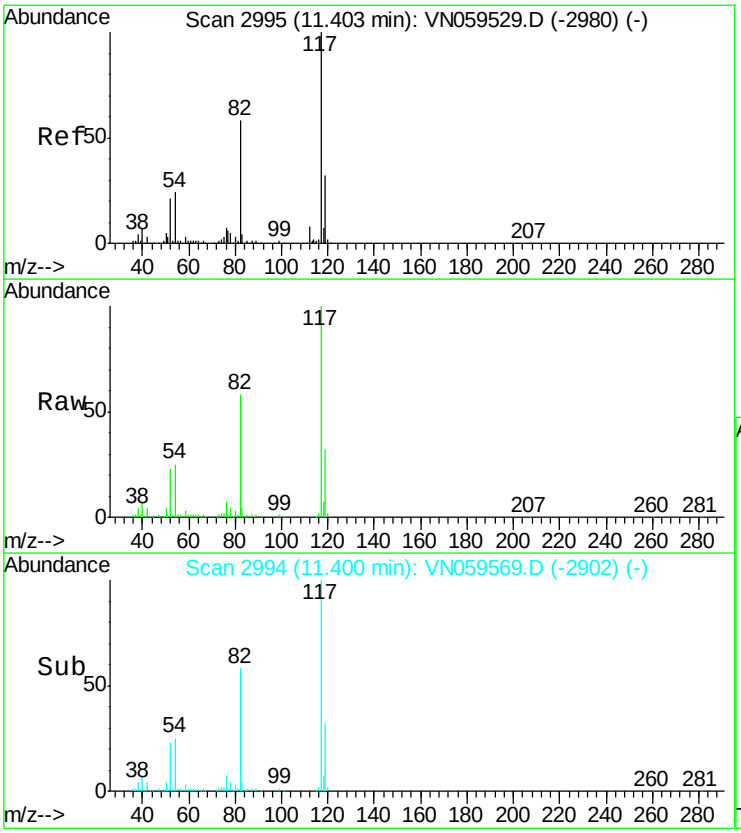
#62
4-Bromofluorobenzene
Concen: 43.312 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

Tgt Ion: 95 Resp: 143370

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	158.0
176	72.5	0.0	155.4

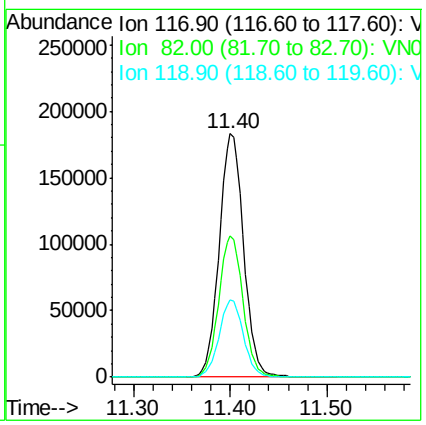


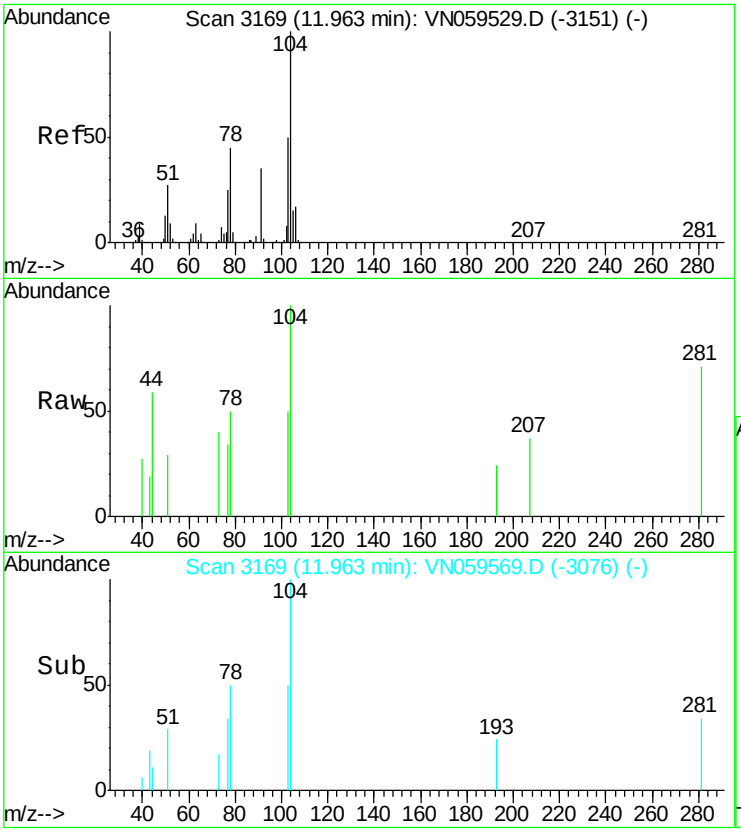


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion:117 Resp: 321148

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.5	69.7
119	31.6	25.2	37.8



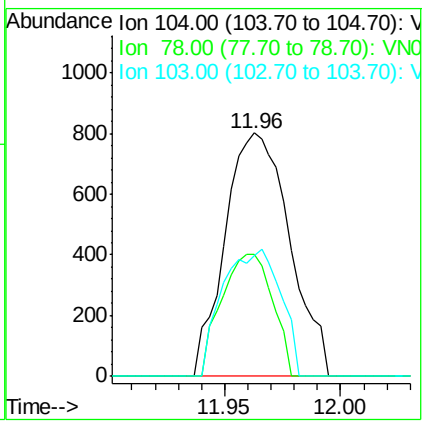


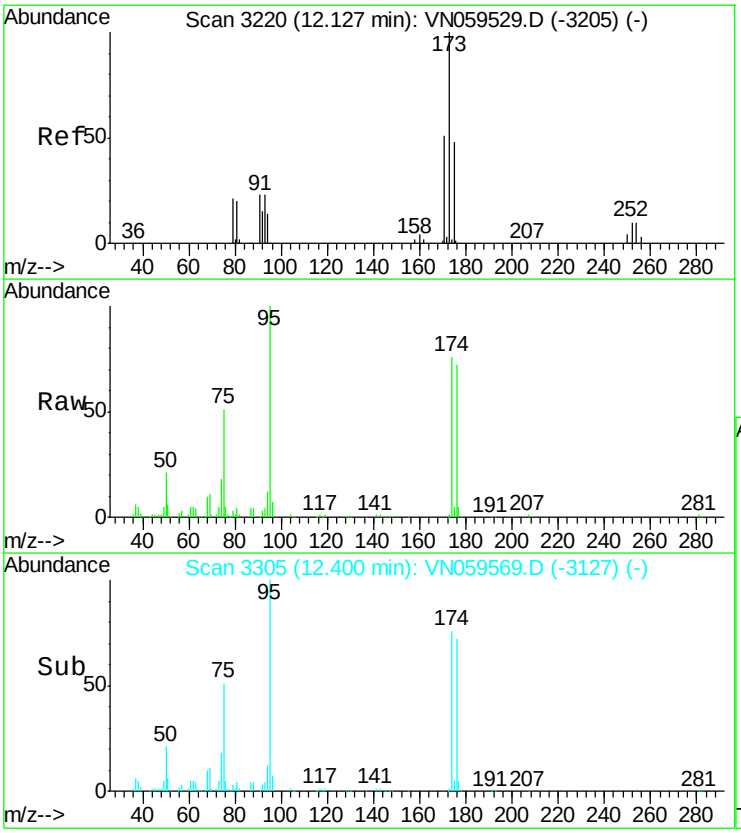
#70
Styrene
Concen: 0.221 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Tgt Ion:104 Resp: 1549

Ion	Ratio	Lower	Upper
104	100		
78	39.6	40.6	60.8#
103	46.9	43.9	65.9

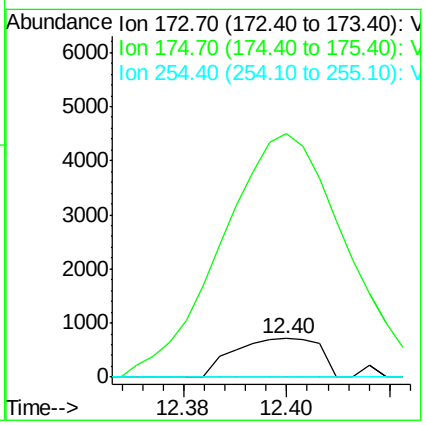


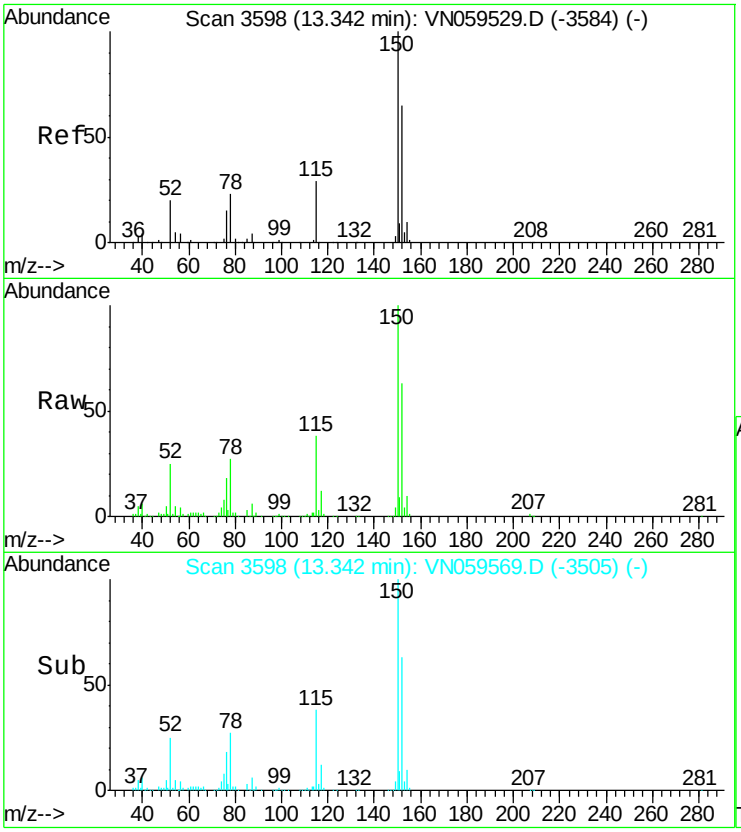


#71
Bromoform
Concen: 0.413 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion:173 Resp: 816

Ion	Ratio	Lower	Upper
173	100		
175	832.8	24.1	72.4#
254	0.0	0.0	0.0



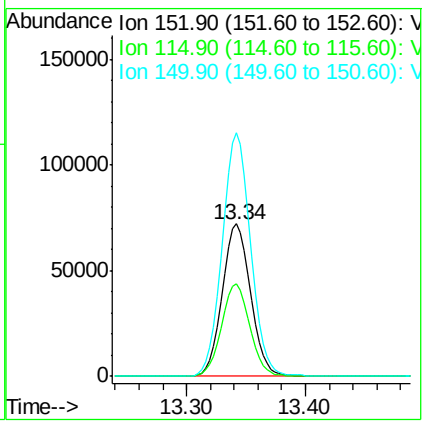


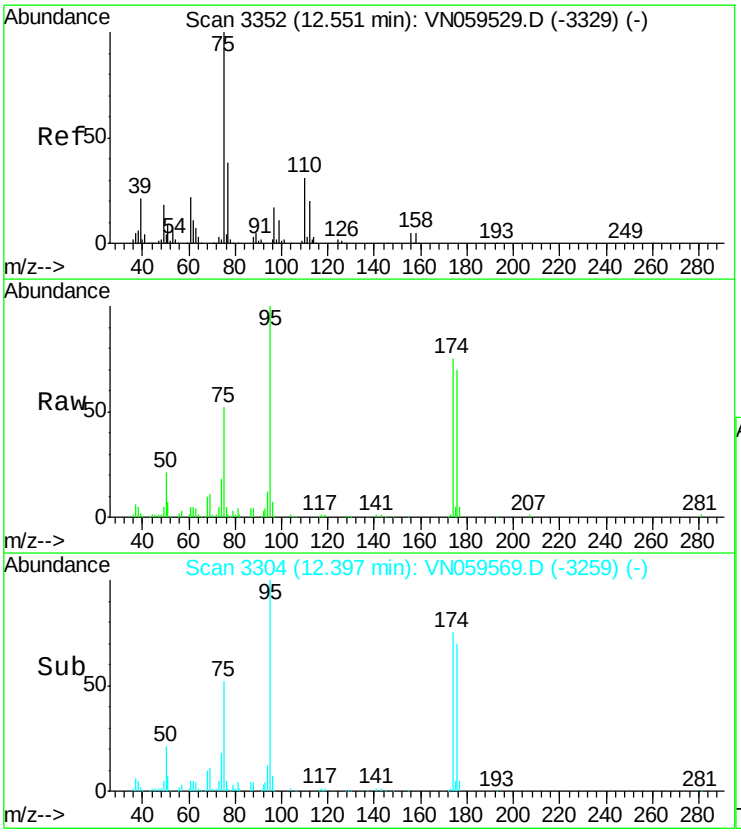
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Tgt Ion:152 Resp: 119217

Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.4	88.2
150	159.9	0.0	342.4

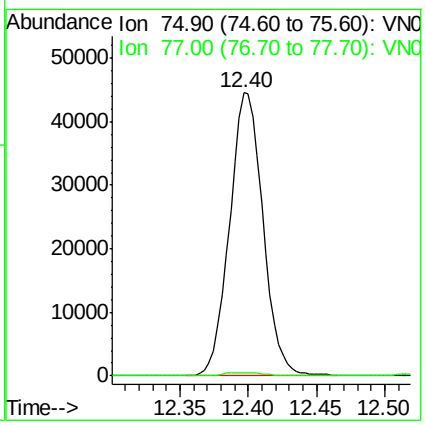


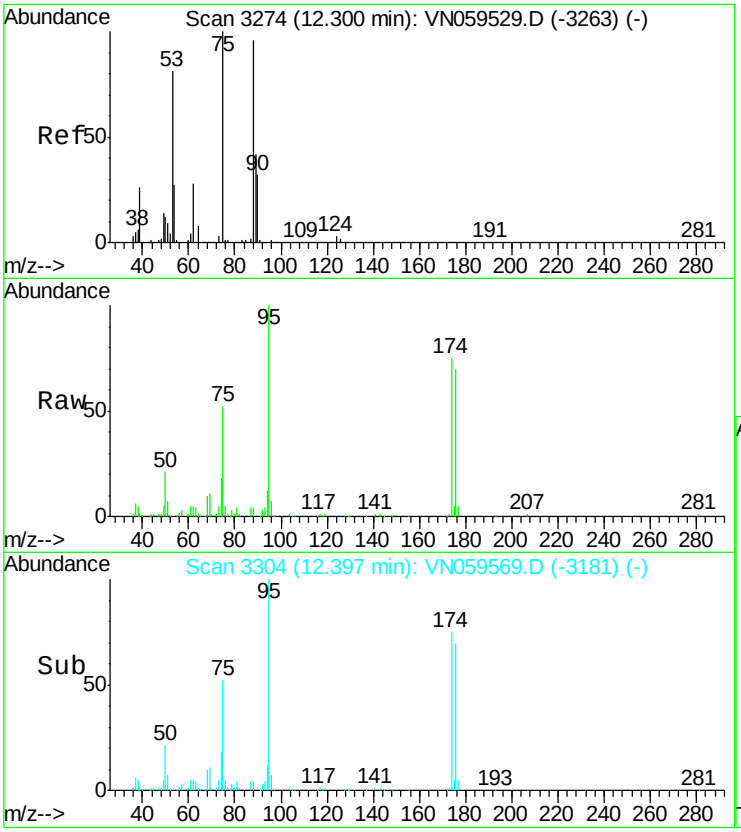


#76
1,2,3-Trichloropropane
Concen: 24.888 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion: 75 Resp: 75875

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



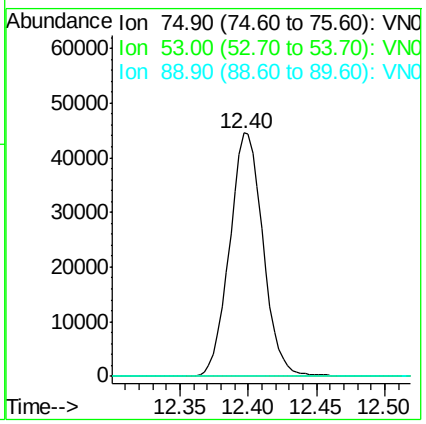


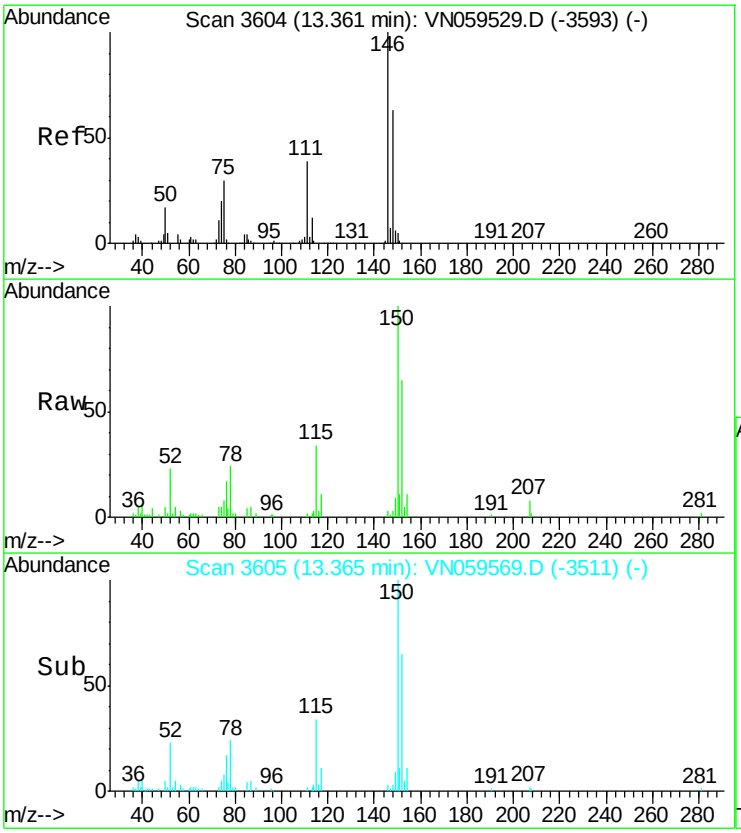
#81
trans-1,4-Dichloro-2-butene
Concen: 66.960 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument : MSVOA_N
ClientSampleId : VN1212MBL01

Tgt Ion: 75 Resp: 75875

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.0	100.6#
89	0.0	35.5	53.3#

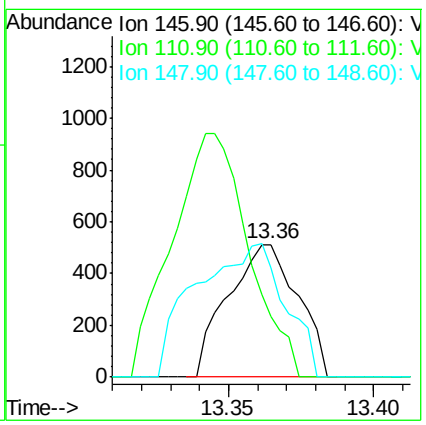


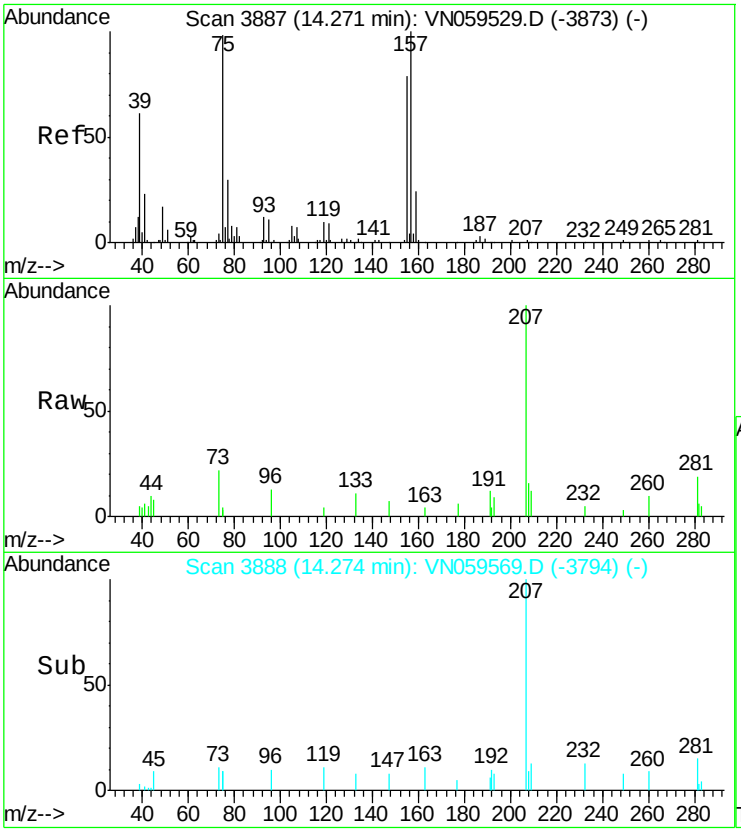


#88
1,4-Dichlorobenzene
Concen: 0.214 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion:146 Resp: 858

Ion	Ratio	Lower	Upper
146	100		
111	200.8	20.0	59.9#
148	127.9	31.9	95.7#



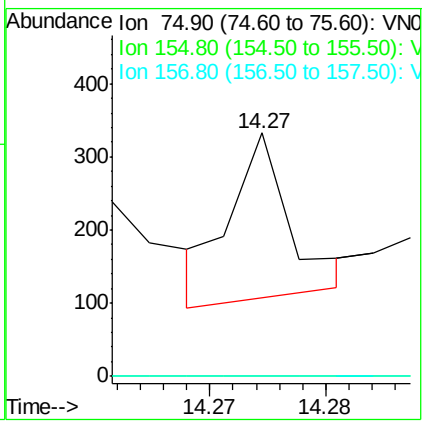


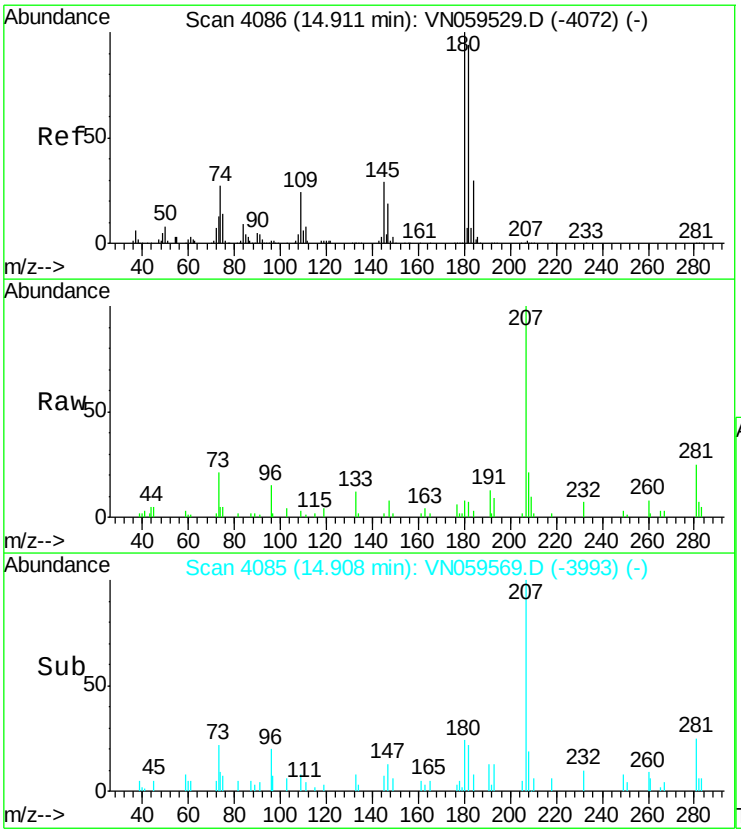
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.191 ug/l
RT: 14.27 min Scan# 3888
Delta R.T. 0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

Tgt Ion: 75 Resp: 80

Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.4	121.1#
157	0.0	51.1	153.3#

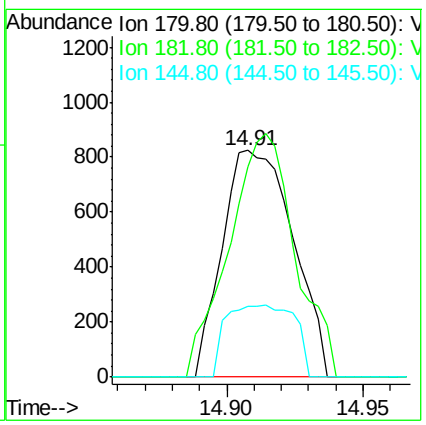


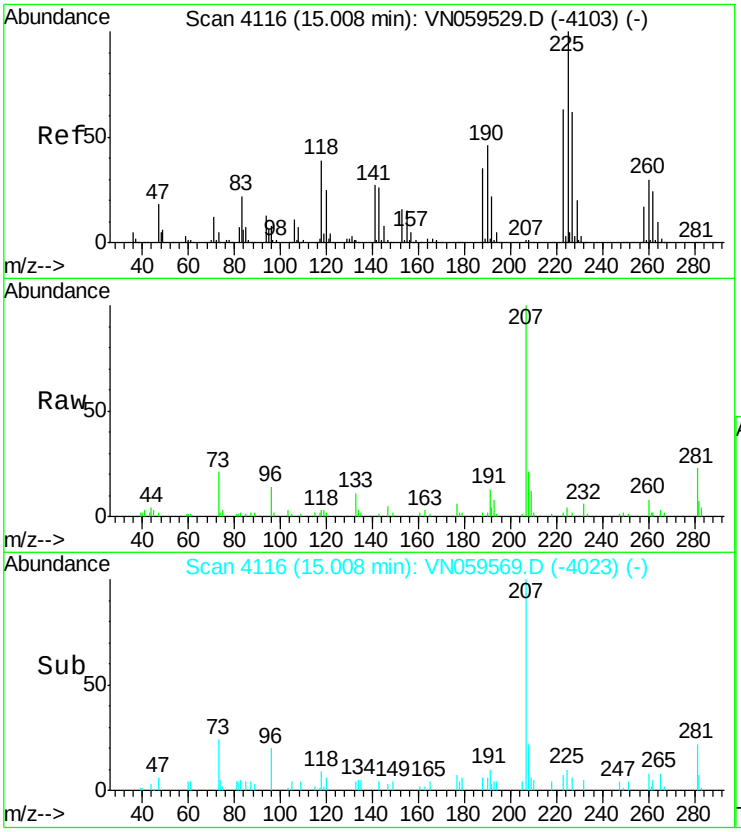


#93
1,2,4-Trichlorobenzene
Concen: 0.558 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion:180 Resp: 1486

Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.3	142.0
145	30.8	14.9	44.7



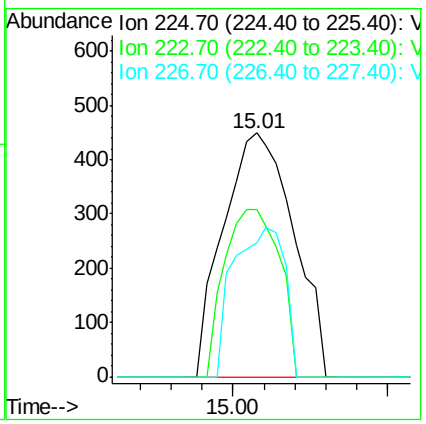


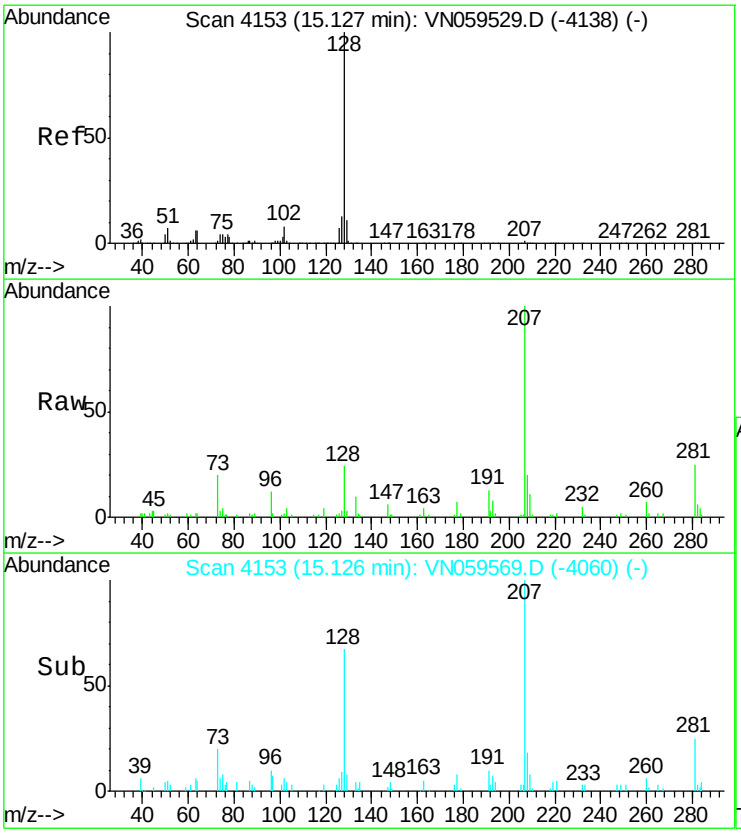
#94
Hexachlorobutadiene
Concen: 0.521 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

Tgt Ion:225 Resp: 709

Ion	Ratio	Lower	Upper
225	100		
223	53.9	31.3	93.9
227	44.6	31.6	95.0

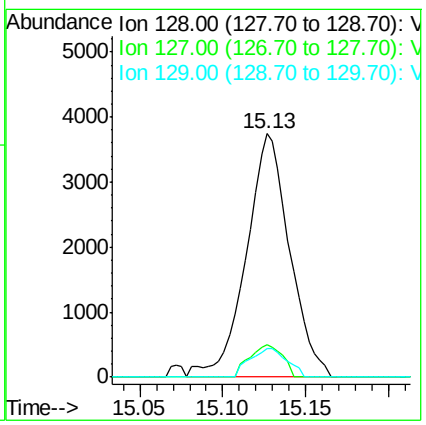


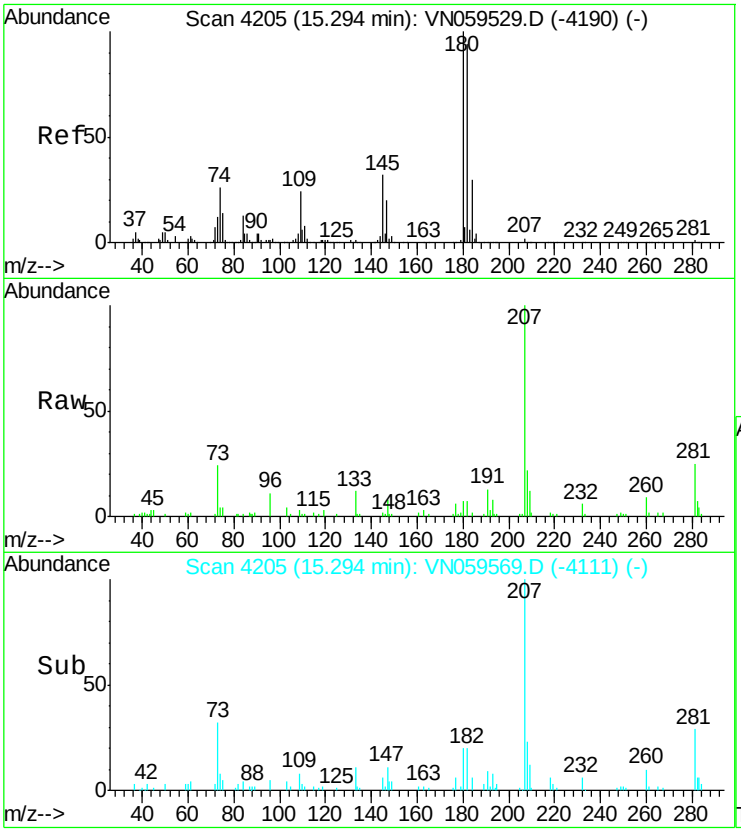


#95
Naphthalene
Concen: 0.872 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Tgt Ion:128 Resp: 6785

Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.2	15.4#
129	10.1	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 3.279 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059569.D
Acq: 12 Dec 2019 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

Tgt Ion:180 Resp: 2366

Ion	Ratio	Lower	Upper
180	100		
182	83.0	47.1	141.4
145	25.8	15.8	47.4