Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057911.D
Acq On : 11 Sep 2019 9:56
Operator : JC/SP
Sample : K4643-31
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T11-C1-(0)

Quant Time: Sep 12 01:31:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	319459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	534326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	487170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	254191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	337149	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.22%			
35) Dibromofluoromethane	7.58	113	230271	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.38%			
50) Toluene-d8	10.09	98	948824	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.10%			
62) 4-Bromofluorobenzene	12.40	95	311243	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.30%			
Target Compounds						Qvalue
5) Bromomethane	2.53	94	277	Below Cal	#	2
11) Tert butyl alcohol	4.77	59	161	0.206	ug/l #	72
16) Acetone	3.80	43	11029	5.200	ug/l	98
18) Methyl Acetate	4.32	43	5221	0.923	ug/l #	75
20) Methylene Chloride	4.54	84	7998	0.769	ug/l #	94
25) 2-Butanone	6.82	43	645	0.210	ug/l #	49
31) Cyclohexane	7.65	56	8319	Below Cal	#	1
36) 1,1-Dichloropropene	7.65	75	27549	4.446	ug/l #	51
38) Carbon Tetrachloride	7.65	117	33723	5.961	ug/l #	15
43) Isopropyl Acetate	8.16	43	39624	3.680	ug/l #	78
48) Methyl methacrylate	9.18	41	4031	0.738	ug/l #	29
51) 4-Methyl-2-Pentanone	9.99	43	4019	0.631	ug/l #	64
52) Toluene	10.16	92	2848	0.242	ug/l	87
54) cis-1,3-Dichloropropene	9.90	75	27060	3.553	ug/l #	68
56) Ethyl methacrylate	10.54	69	1751	0.234	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	2308	0.269	ug/l #	43
59) 2-Hexanone	10.76	43	35183	7.367	ug/l #	55
68) m/p-Xylenes	11.62	106	2489	0.304	ug/l #	67
71) Bromoform	12.40	173	1196	0.434	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	170893	29.719	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	170893	104.583	ug/l #	6
95) Naphthalene	15.14	128	5647	Below Cal	#	89

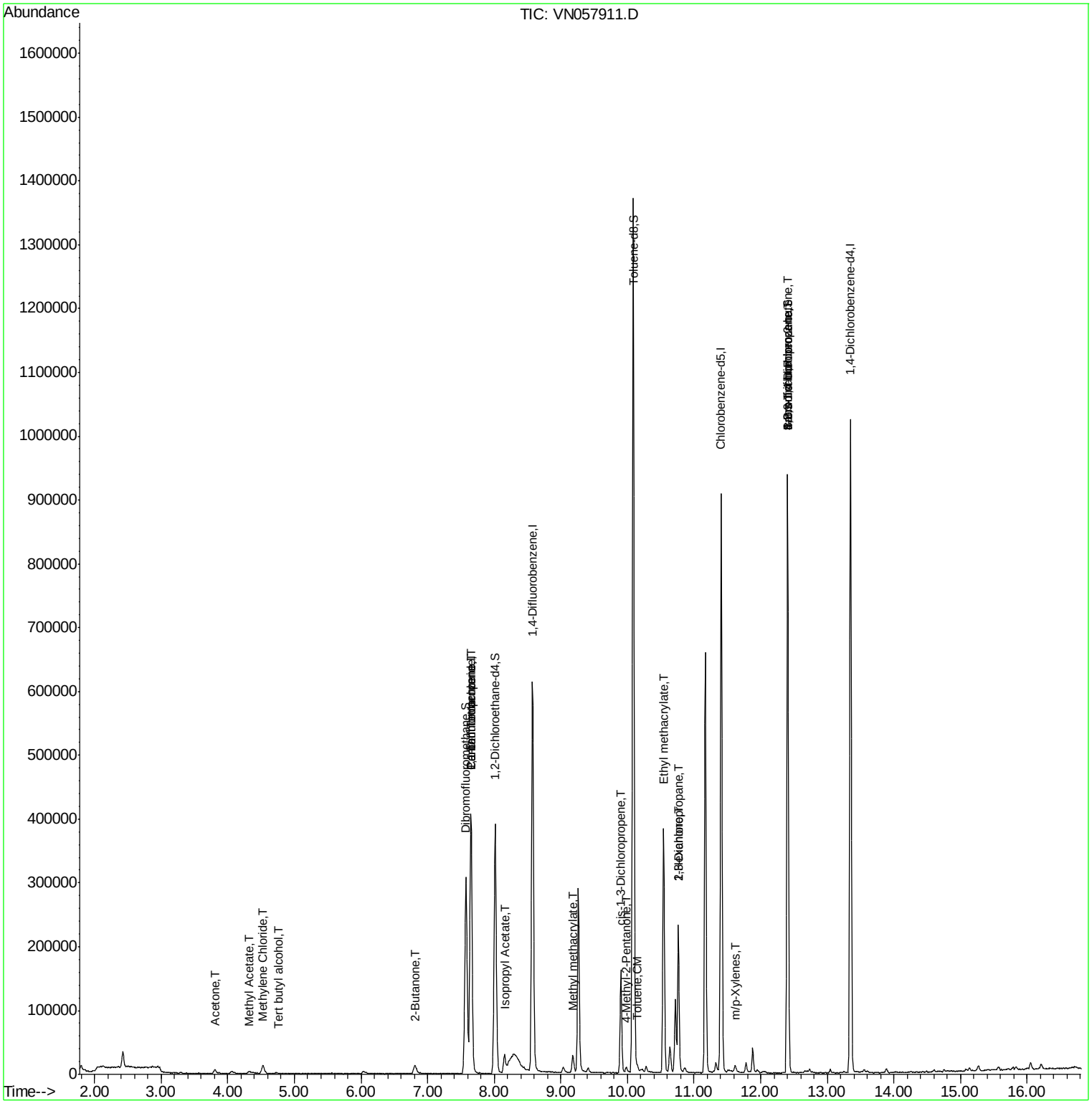
(#) = qualifier out of range (m) = manual integration (+) = signals summed

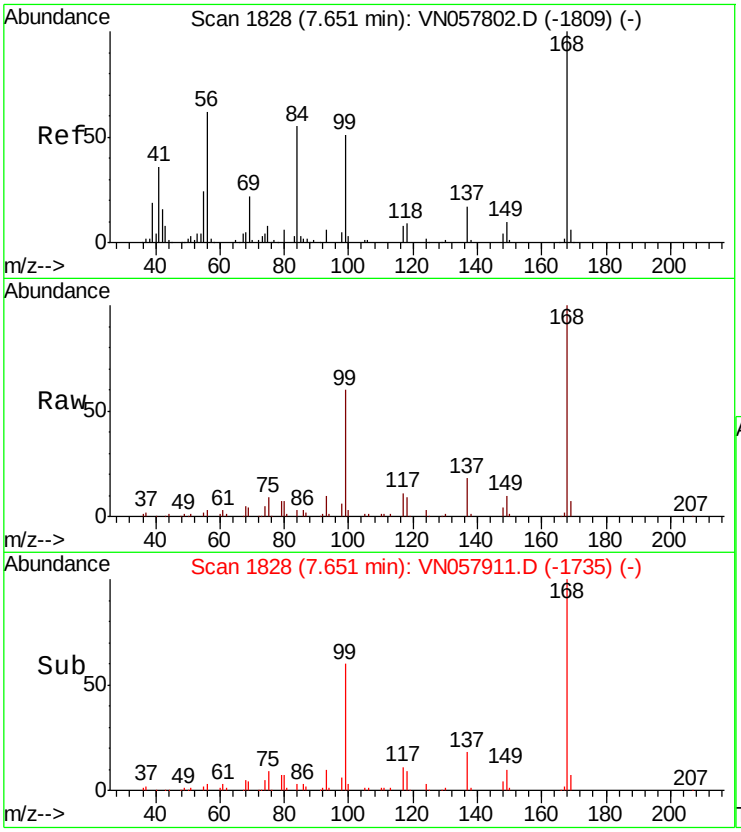
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057911.D
Acq On : 11 Sep 2019 9:56
Operator : JC/SP
Sample : K4643-31
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-C1-(0)

Quant Time: Sep 12 01:31:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration



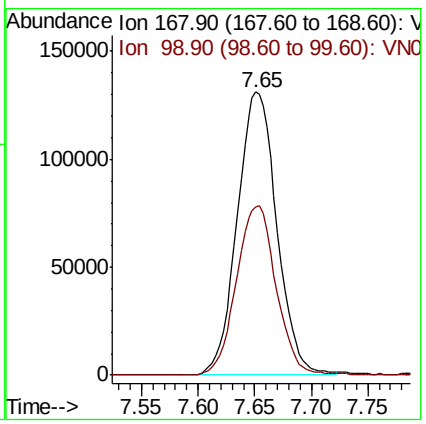


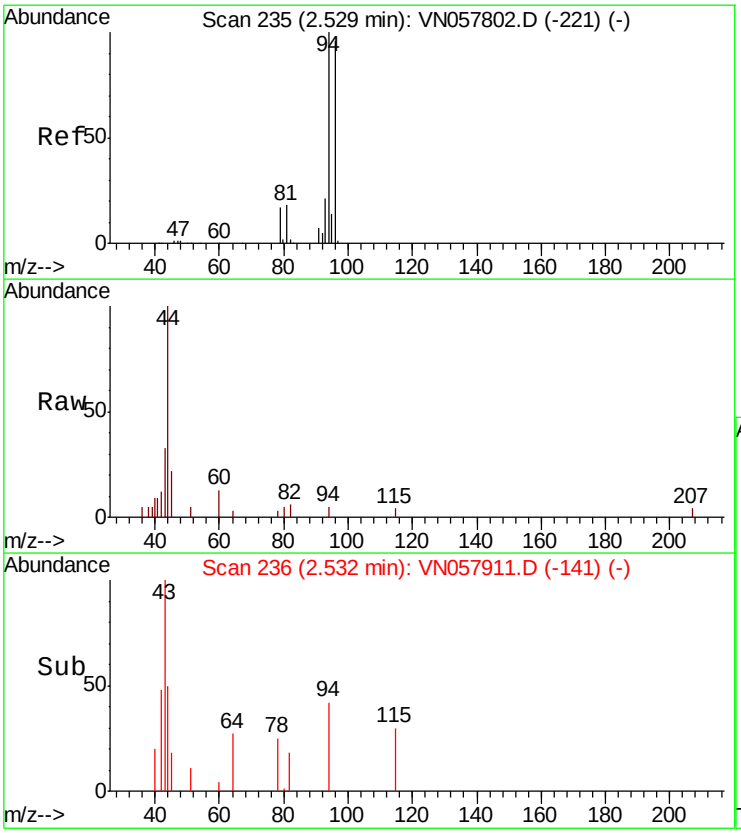
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
T11-C1-(0)

Tgt Ion:168 Resp: 319459

Ion	Ratio	Lower	Upper
168	100		
99	59.6	48.0	72.0

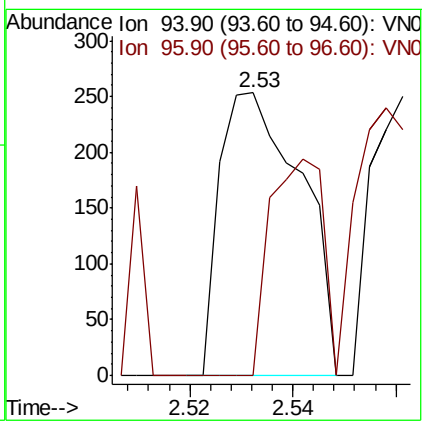


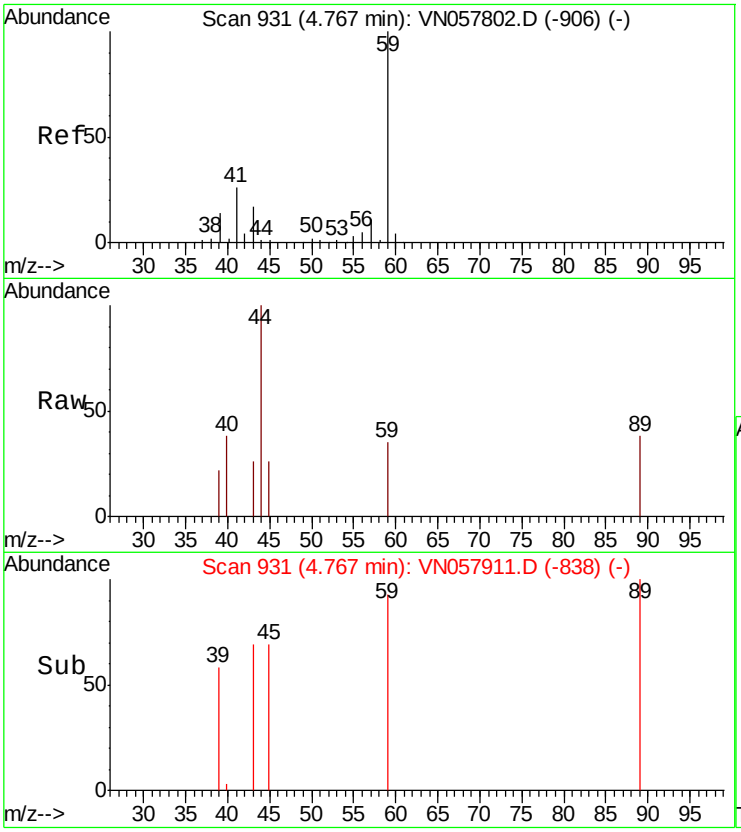


#5
Bromomethane
Concen: Below Cal
RT: 2.53 min Scan# 236
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 94 Resp: 277

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.0	115.4#



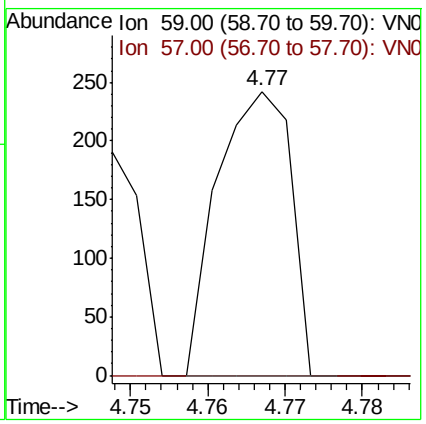


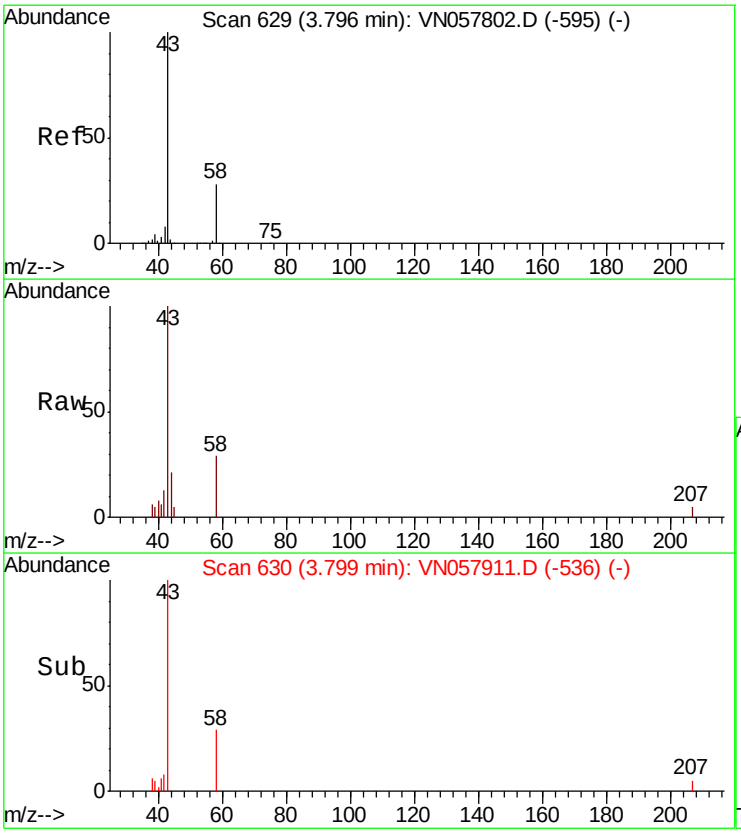
#11
Tert butyl alcohol
Concen: 0.206 ug/l
RT: 4.77 min Scan# 931
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
T11-C1-(0)

Tgt Ion: 59 Resp: 161

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

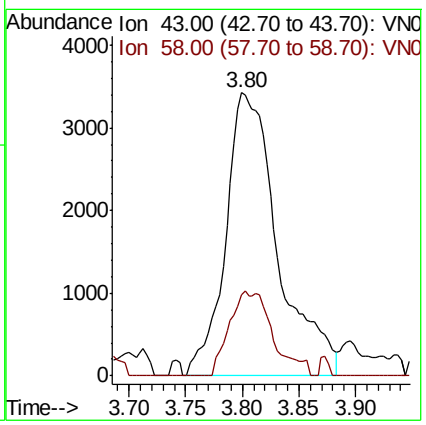


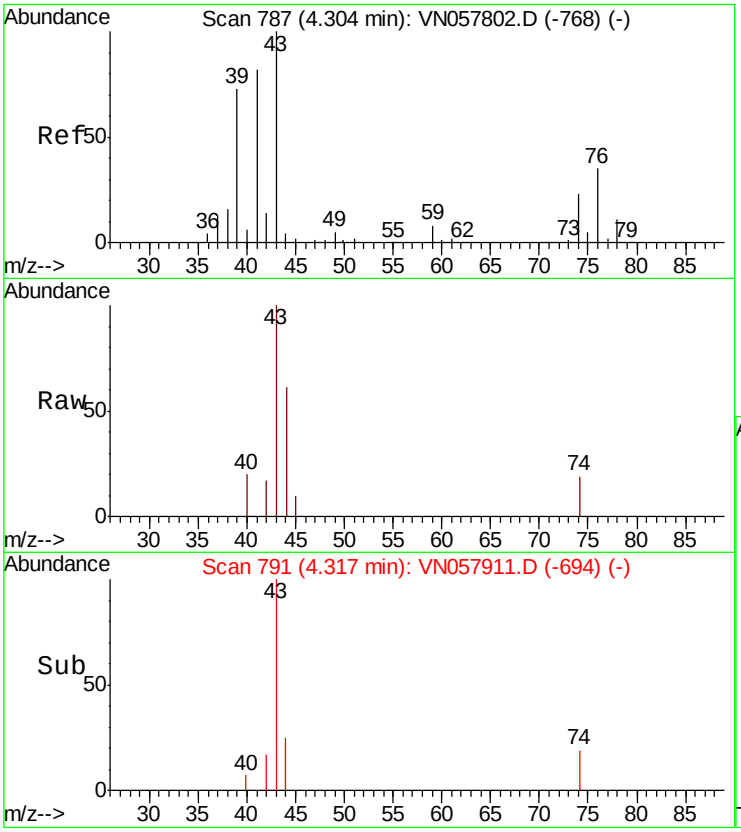


#16
Acetone
Concen: 5.200 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 43 Resp: 11029

Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.2	33.2



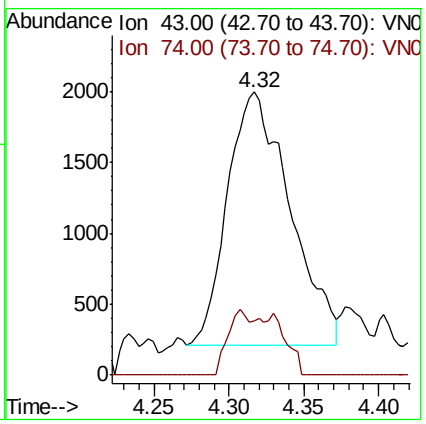


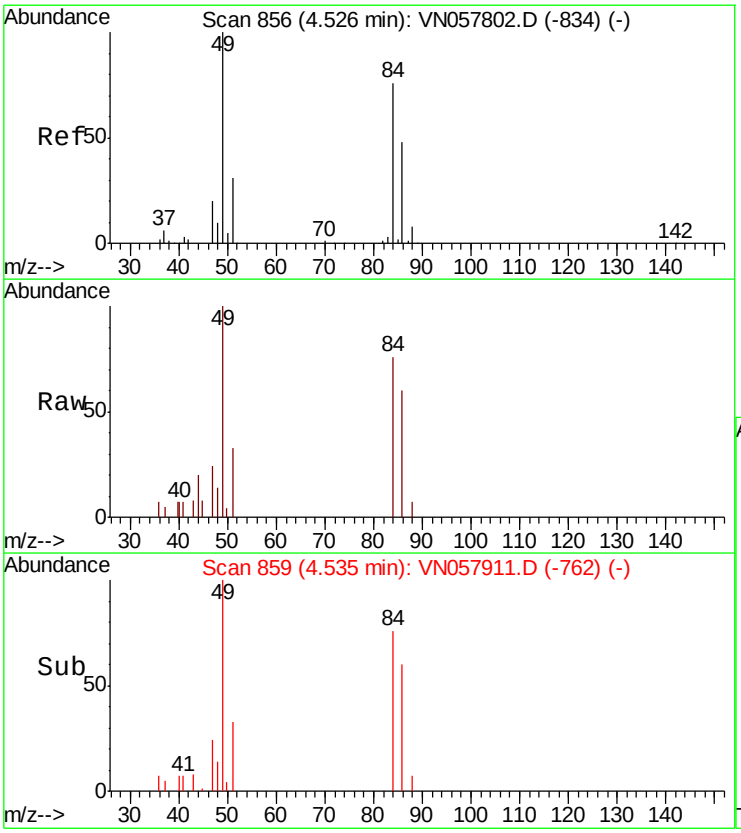
#18
Methyl Acetate
Concen: 0.923 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument : MSVOA_N
ClientSampleId : T11-C1-(0)

Tgt Ion: 43 Resp: 5221

Ion	Ratio	Lower	Upper
43	100		
74	10.2	17.9	26.9#

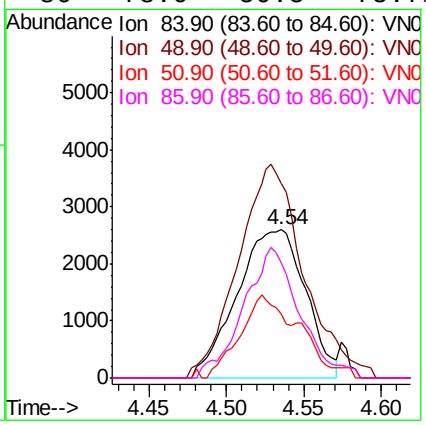


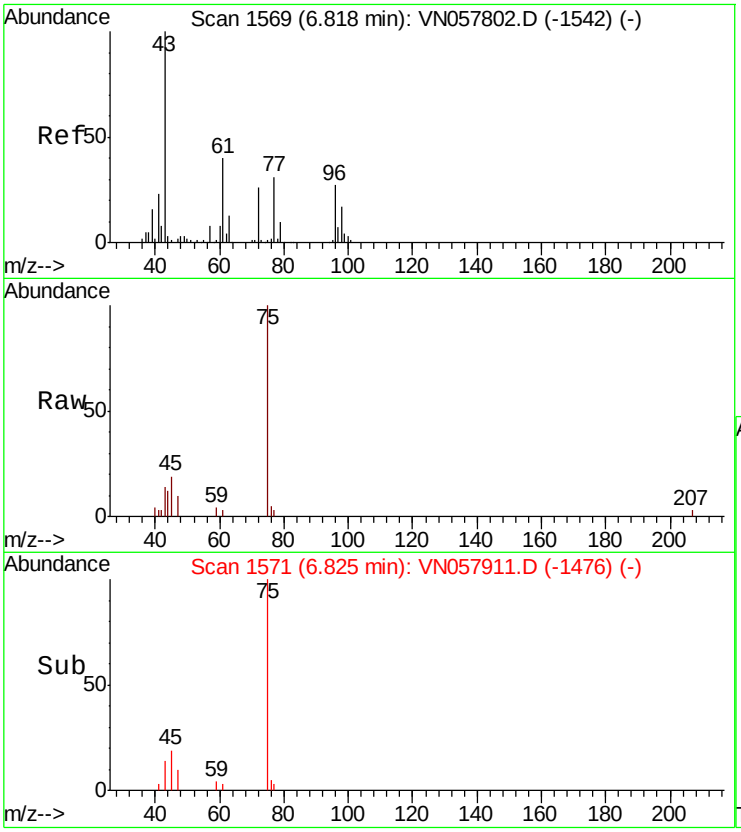


#20
Methylene Chloride
Concen: 0.769 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 84 Resp: 7998

Ion	Ratio	Lower	Upper
84	100		
49	130.9	104.8	157.2
51	43.0	33.0	49.4
86	78.0	50.5	75.7#



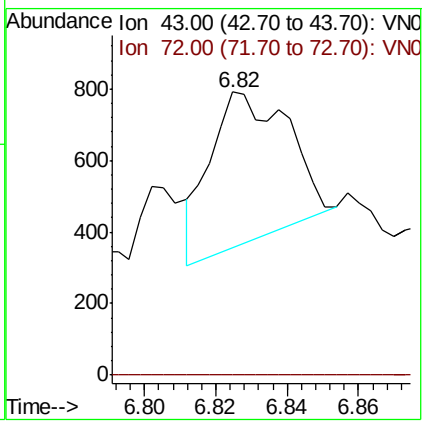


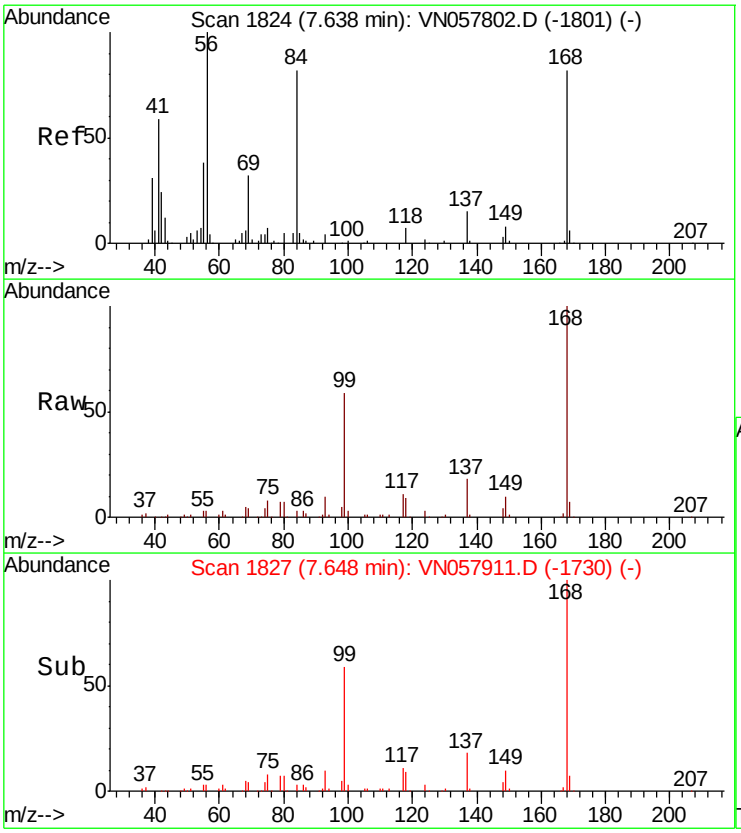
#25
2-Butanone
Concen: 0.210 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument : MSVOA_N
ClientSampleId : T11-C1-(0)

Tgt Ion: 43 Resp: 645

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	30.8#

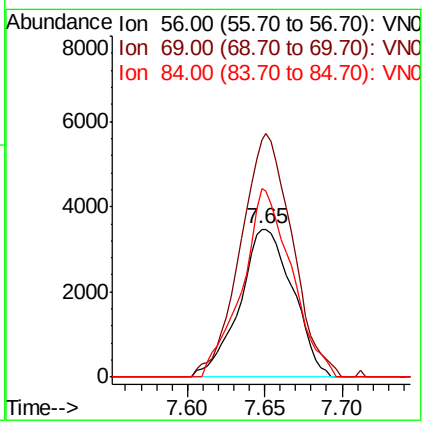


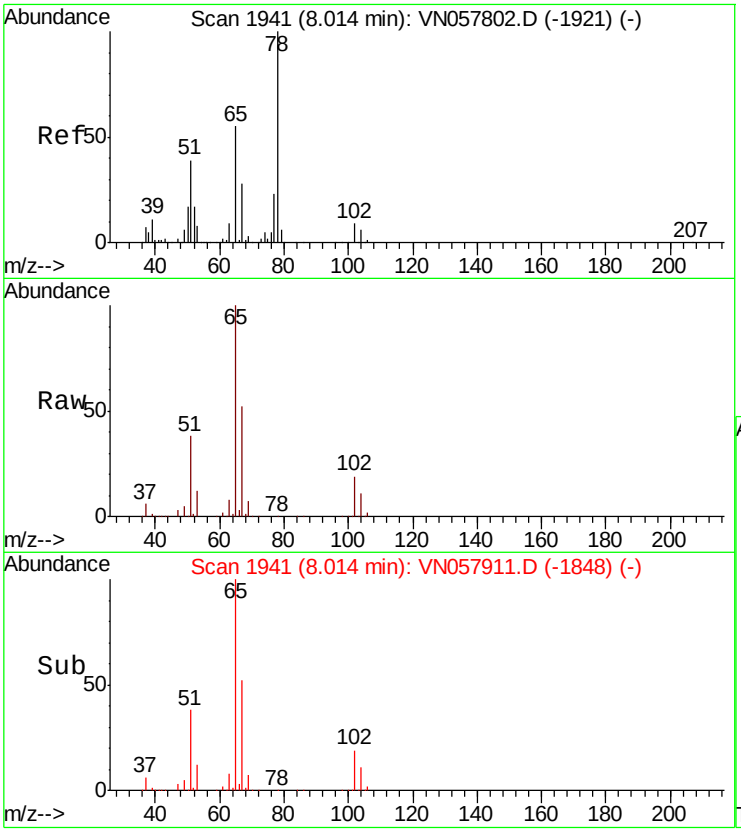


#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 56 Resp: 8319

Ion	Ratio	Lower	Upper
56	100		
69	160.1	25.9	38.9#
84	127.3	65.6	98.4#



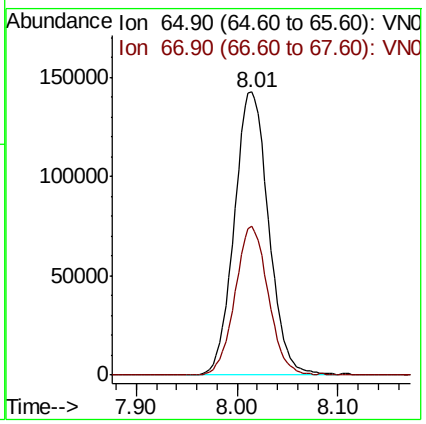


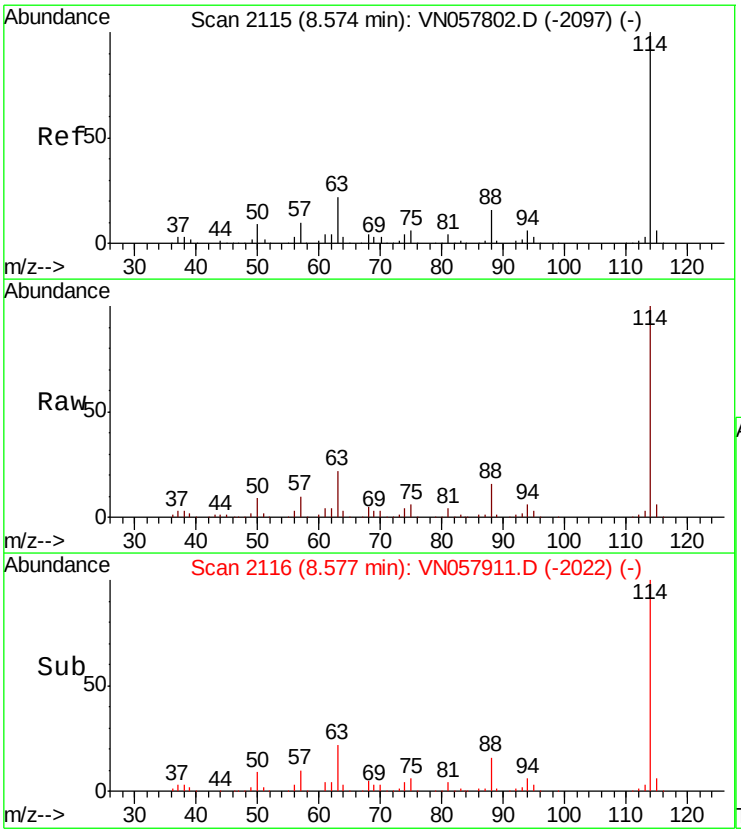
#33
1,2-Dichloroethane-d4
Concen: 52.106 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument : MSVOA_N
ClientSampleId : T11-C1-(0)

Tgt Ion: 65 Resp: 337149

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.0

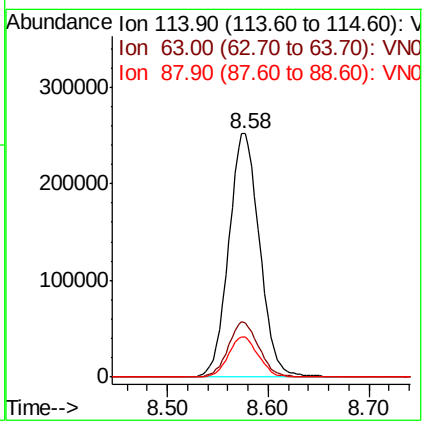


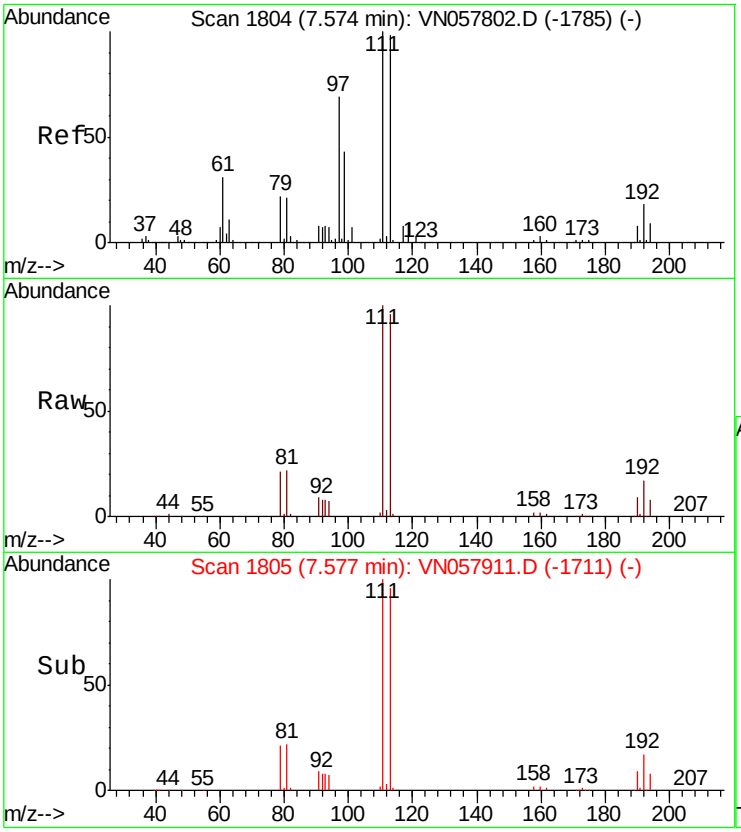


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion:114 Resp: 534326

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.3	0.0	31.4



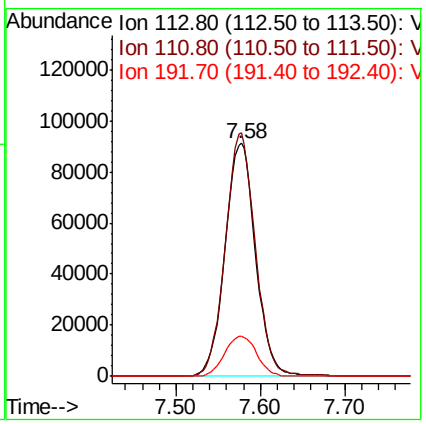


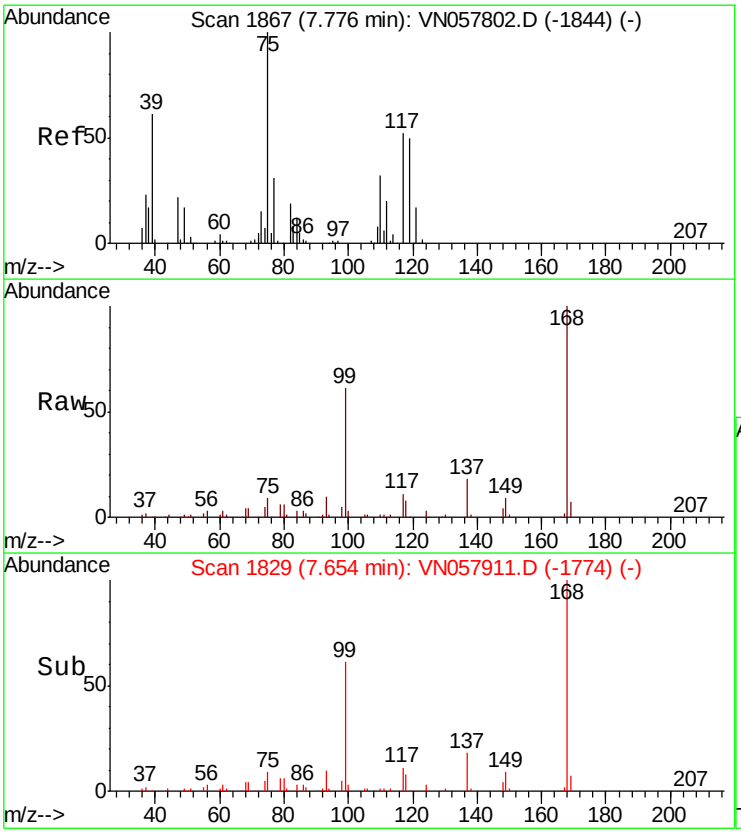
#35
Dibromofluoromethane
Concen: 46.693 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
T11-C1-(0)

Tgt Ion:113 Resp: 230271

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.3	121.9
192	18.1	14.6	22.0

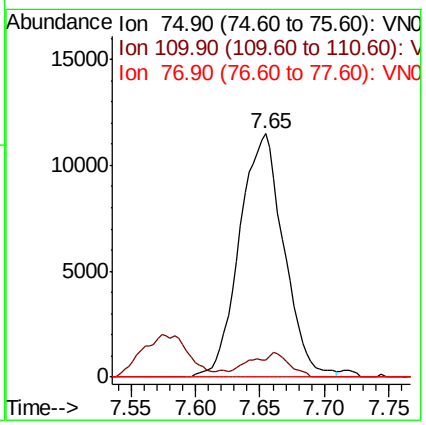


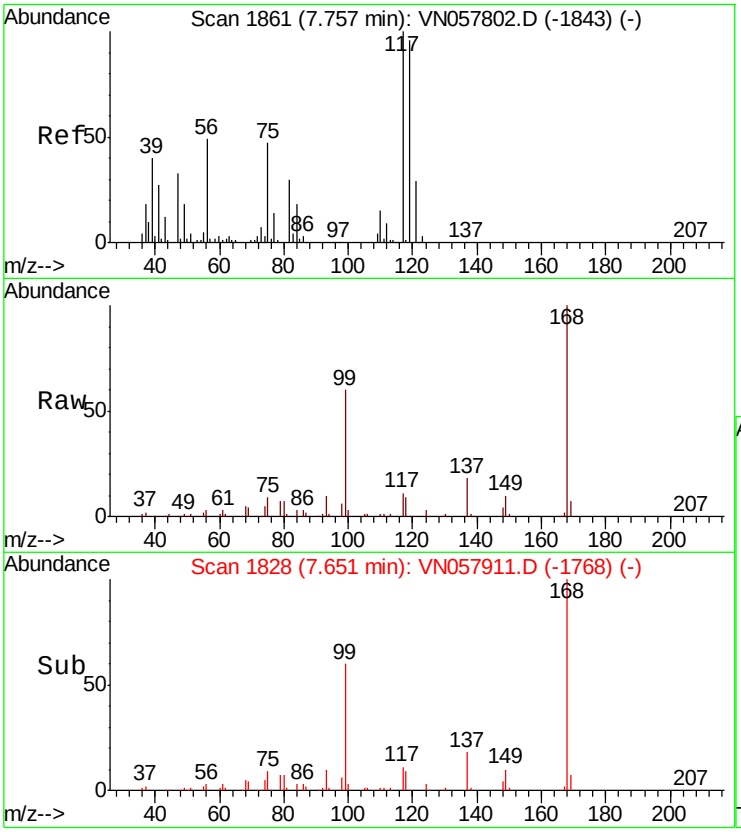


#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.12 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 75 Resp: 27549

Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.3	48.9#
77	0.0	25.0	37.4#



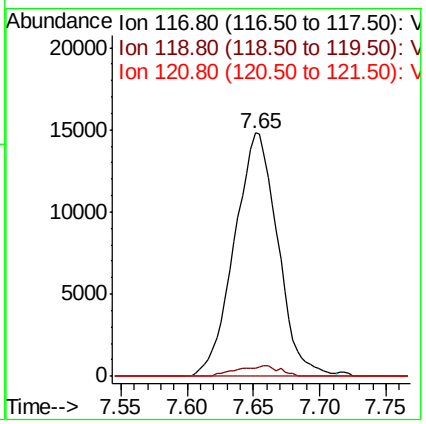


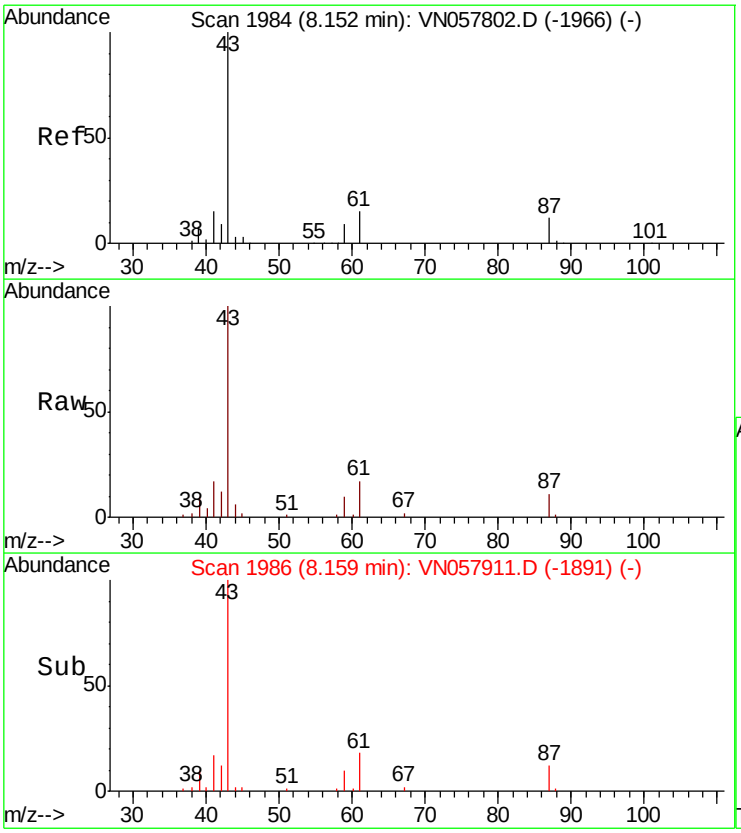
#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument : MSVOA_N
ClientSampleId : T11-C1-(0)

Tgt Ion:117 Resp: 33723

Ion	Ratio	Lower	Upper
117	100		
119	3.5	76.9	115.3#
121	0.0	23.4	35.2#

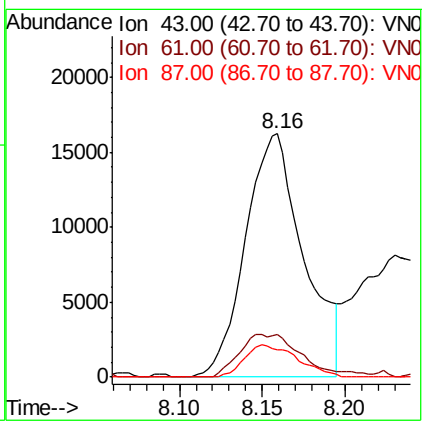


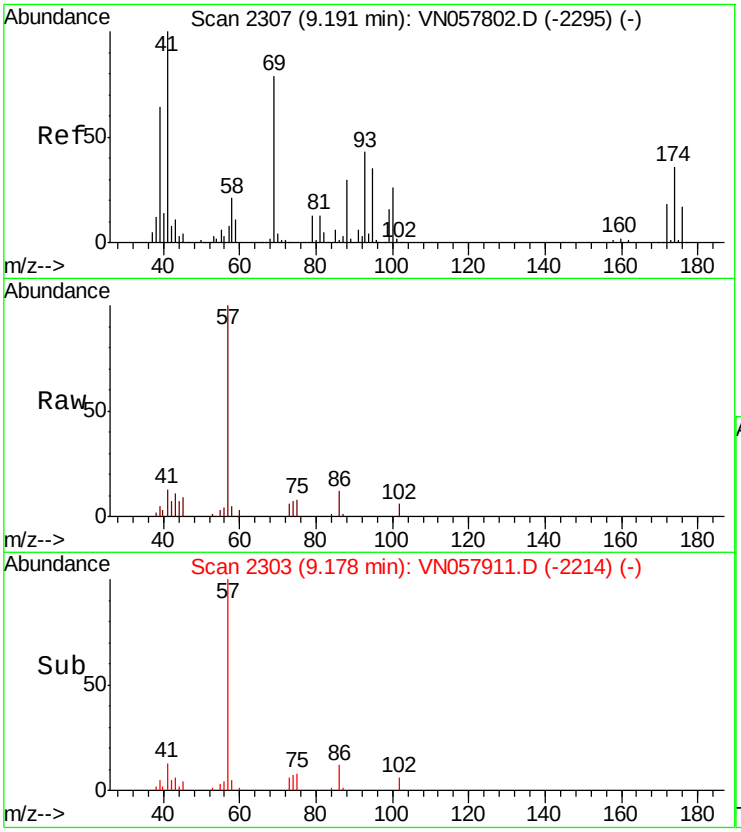


#43
Isopropyl Acetate
Concen: 3.680 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 43 Resp: 39624

Ion	Ratio	Lower	Upper
43	100		
61	8.7	20.1	30.1#
87	12.1	9.5	14.3



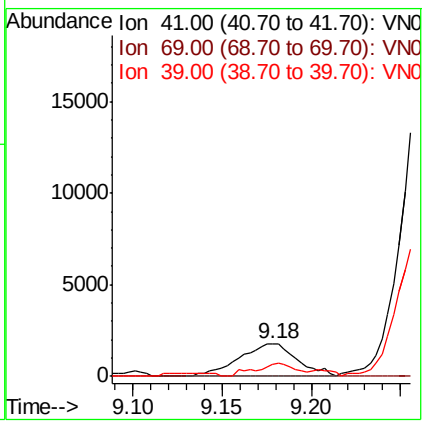


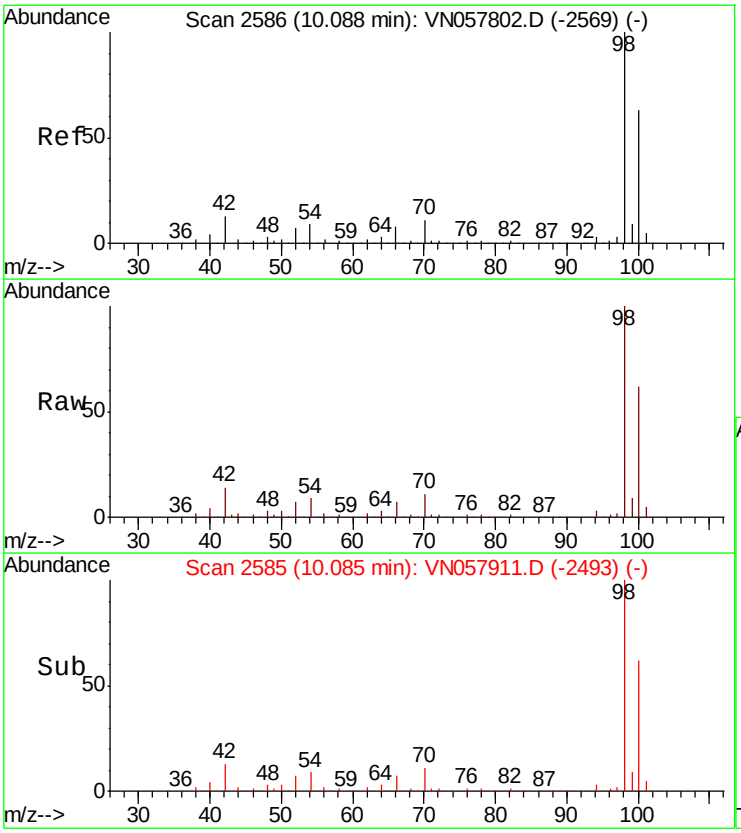
#48
Methyl methacrylate
Concen: 0.738 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument : MSVOA_N
ClientSampleId : T11-C1-(0)

Tgt Ion: 41 Resp: 4031

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.7	94.1#
39	27.0	52.7	79.1#

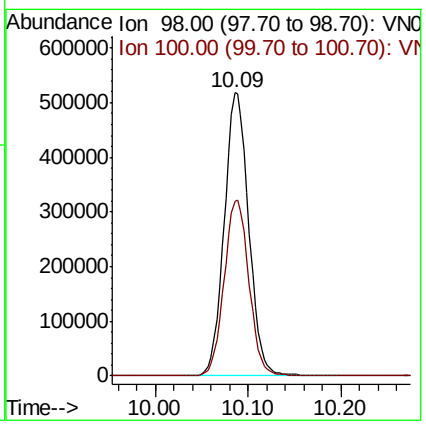


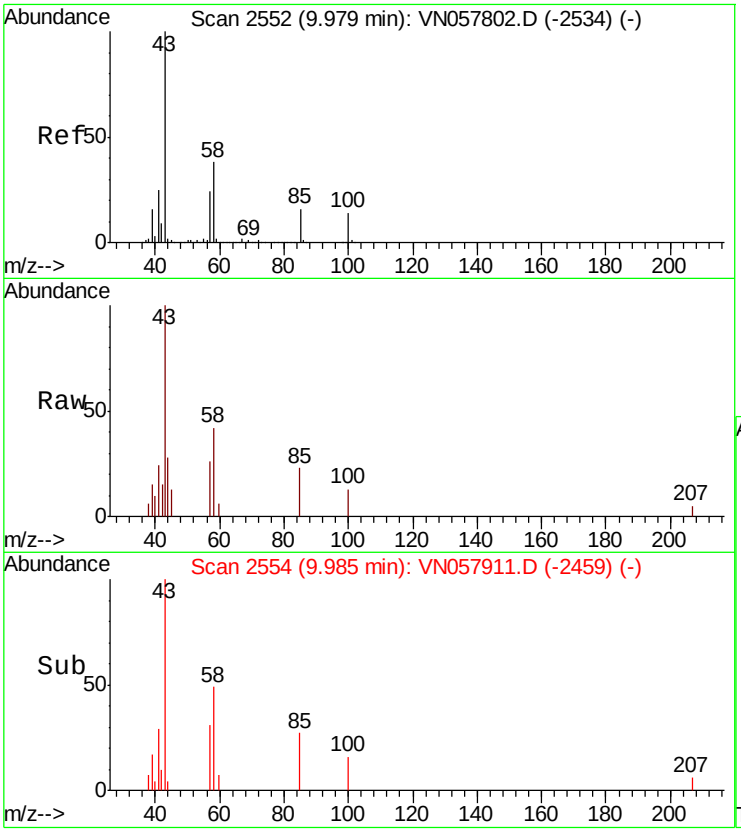


#50
Toluene-d8
Concen: 49.554 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 98 Resp: 948824

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.3	75.5



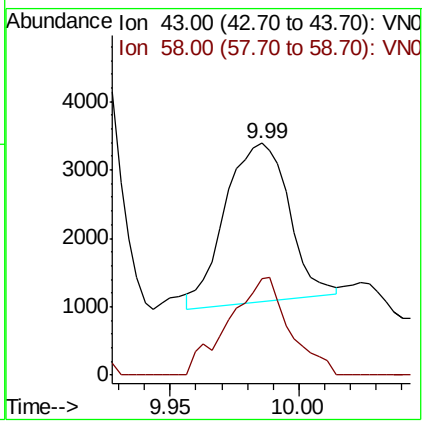


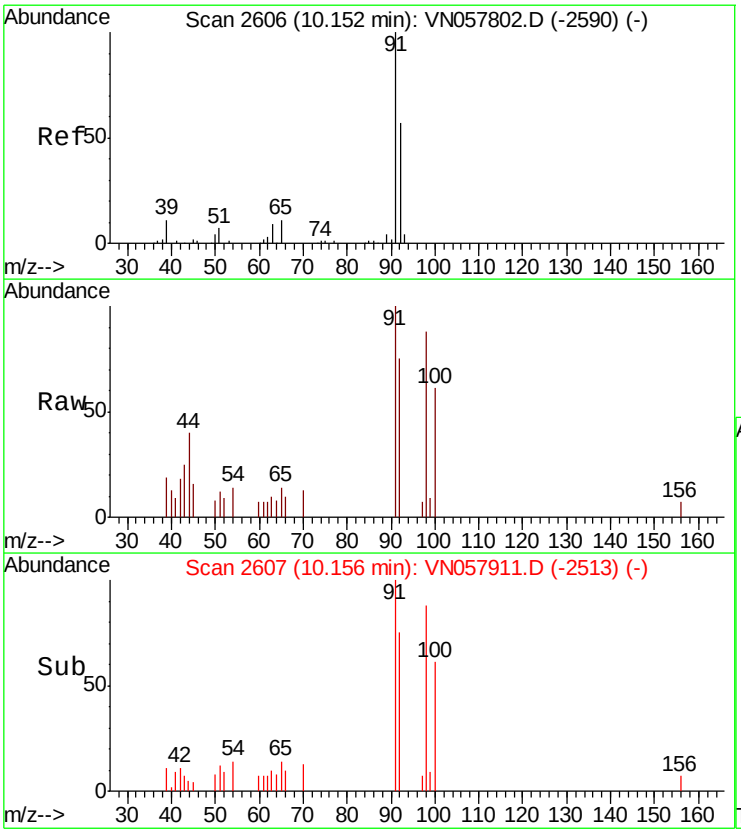
#51
4-Methyl-2-Pentanone
Concen: 0.631 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
T11-C1-(0)

Tgt Ion: 43 Resp: 4019

Ion	Ratio	Lower	Upper
43	100		
58	58.6	29.8	44.6#

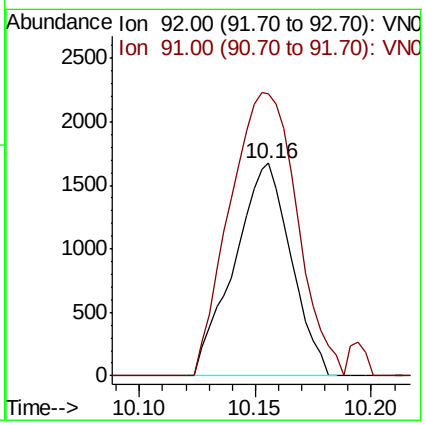


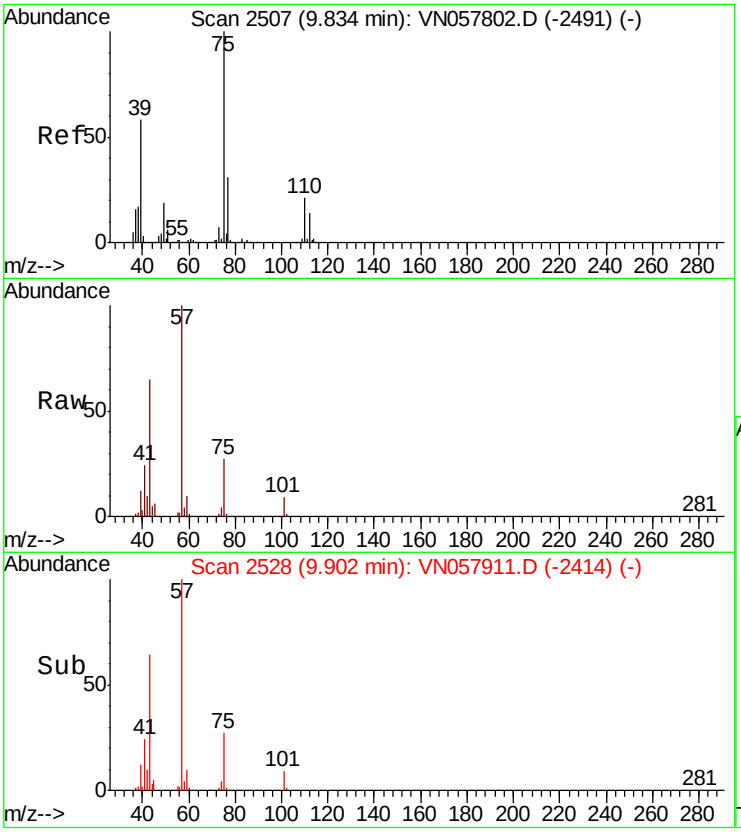


#52
Toluene
Concen: 0.242 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 92 Resp: 2848

Ion	Ratio	Lower	Upper
92	100		
91	157.7	141.0	211.6



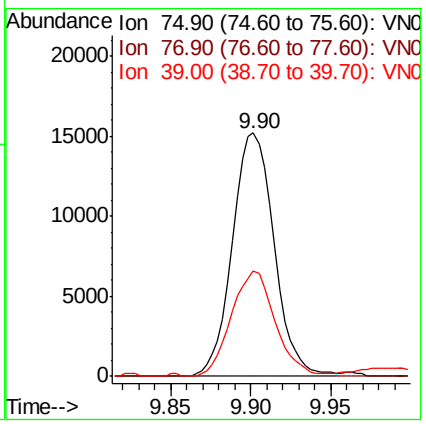


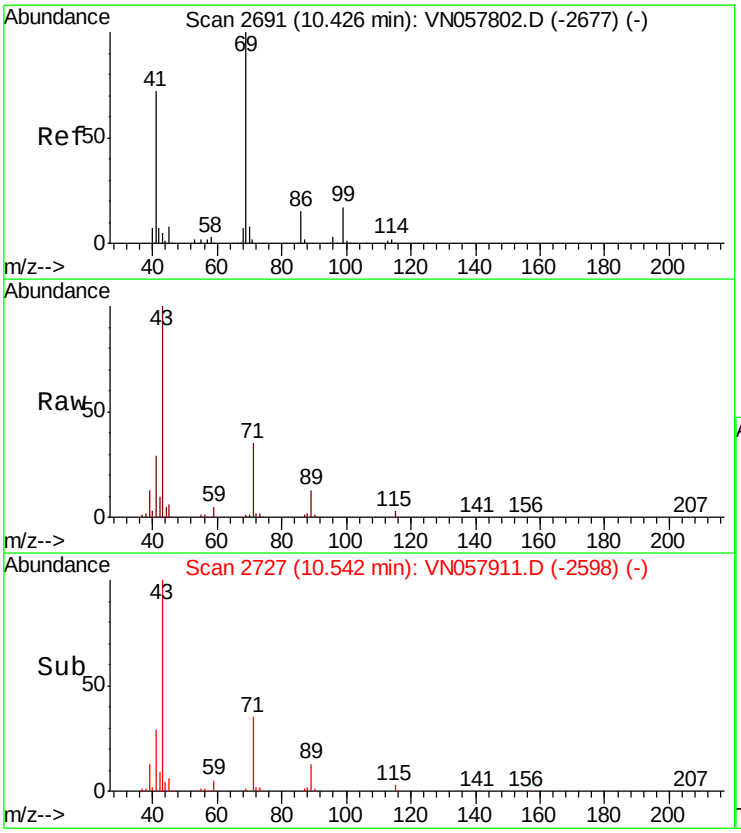
#54
cis-1,3-Dichloropropene
Concen: 3.553 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.07 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument : MSVOA_N
ClientSampleId : T11-C1-(0)

Tgt Ion: 75 Resp: 27060

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	43.3	46.2	69.4#

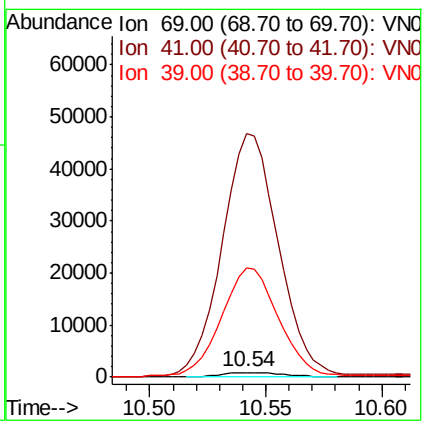


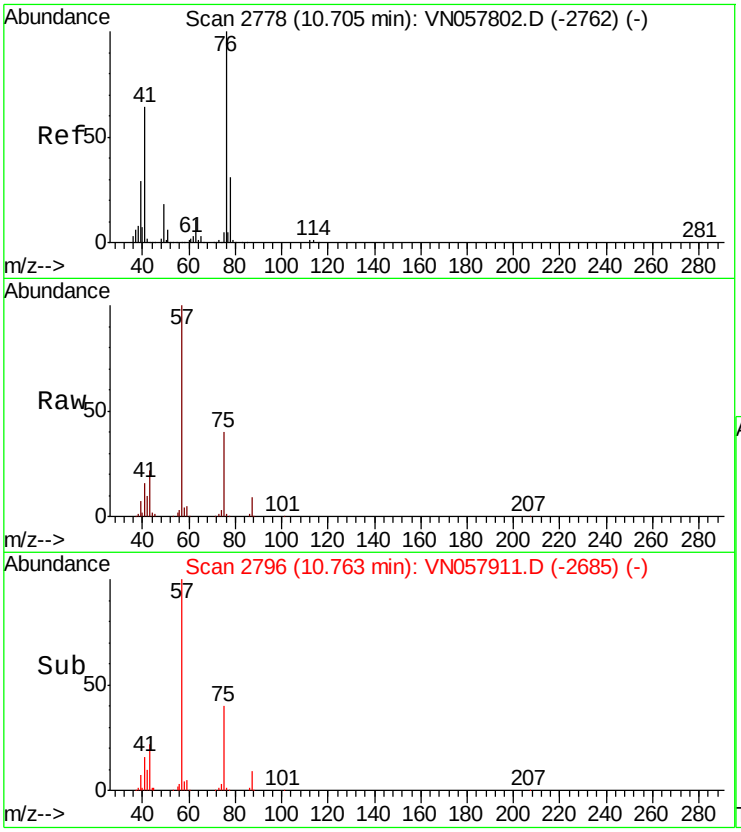


#56
Ethyl methacrylate
Concen: 0.234 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.12 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 69 Resp: 1751

Ion	Ratio	Lower	Upper
69	100		
41	4540.8	56.7	85.1#
39	2075.9	36.3	54.5#



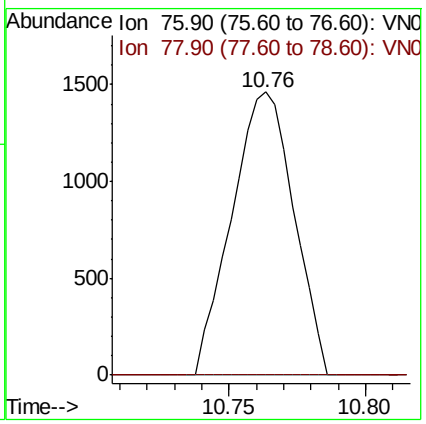


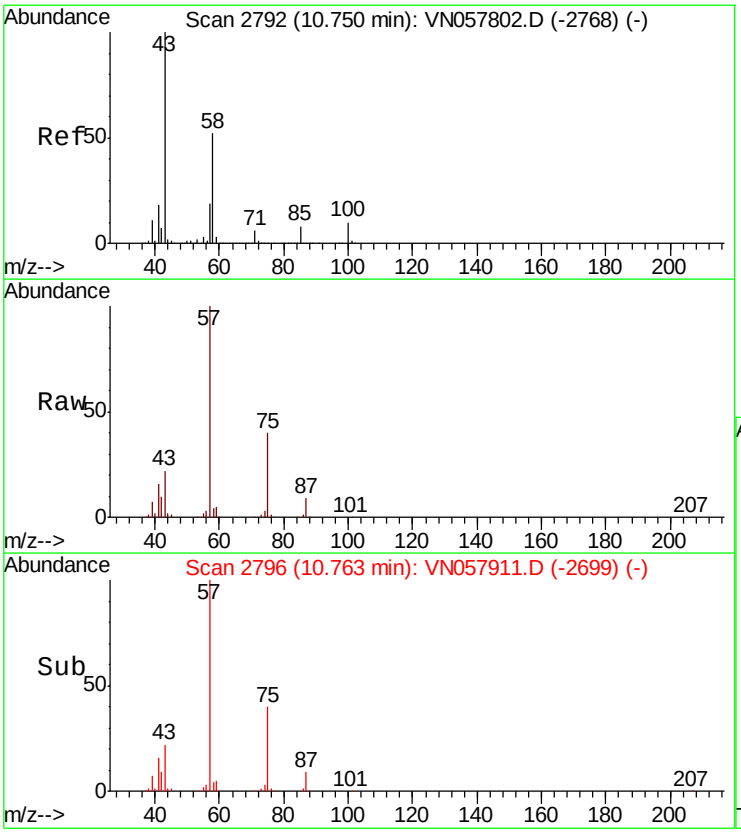
#57
1,3-Dichloropropane
Concen: 0.269 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
T11-C1-(0)

Tgt Ion: 76 Resp: 2308

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#

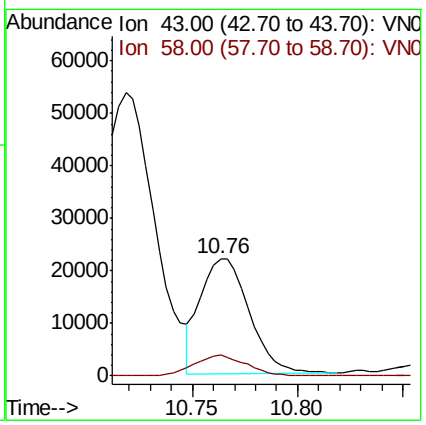


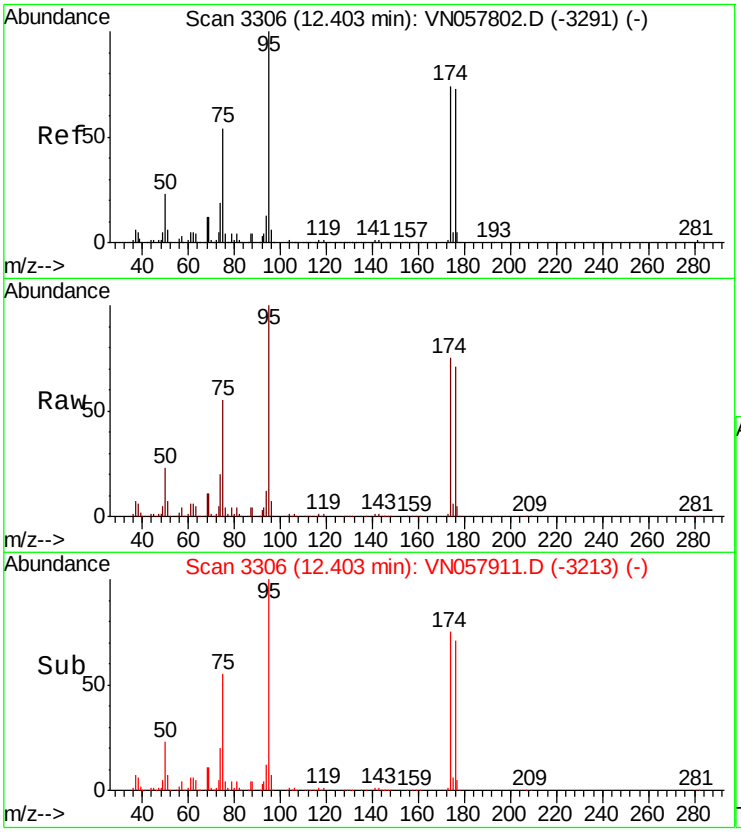


#59
2-Hexanone
Concen: 7.367 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 43 Resp: 35183

Ion	Ratio	Lower	Upper
43	100		
58	19.5	25.6	76.8#



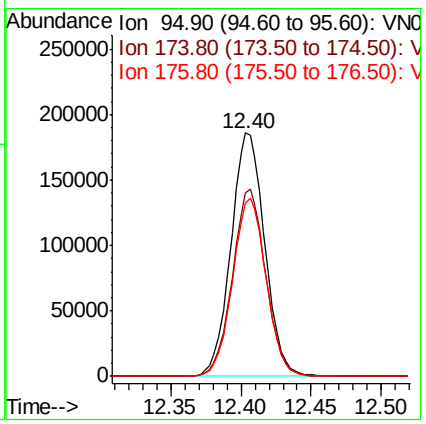


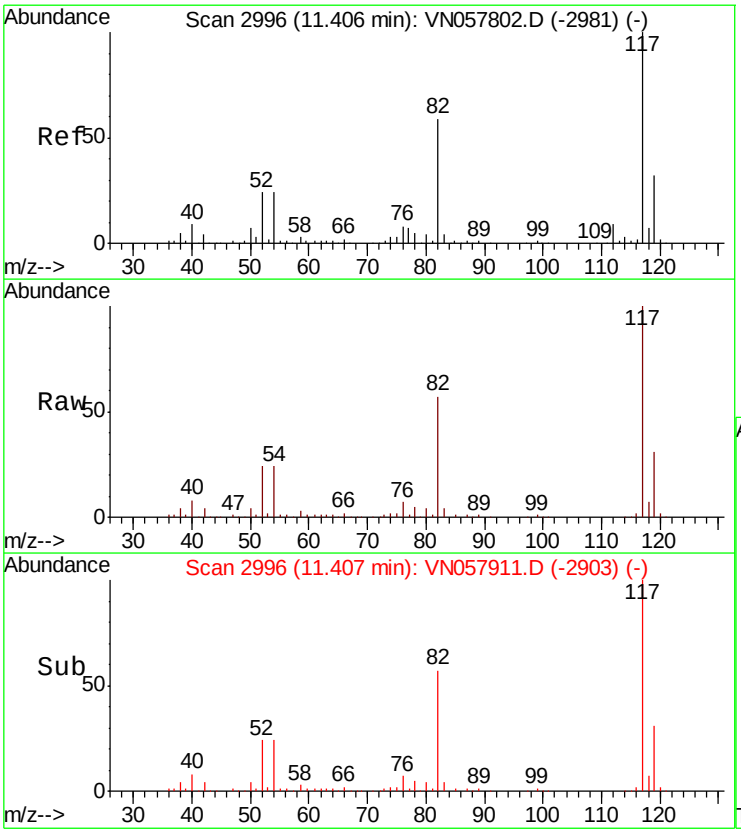
#62
4-Bromofluorobenzene
Concen: 42.655 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
T11-C1-(0)

Tgt Ion: 95 Resp: 311243

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	150.2
176	73.1	0.0	146.0

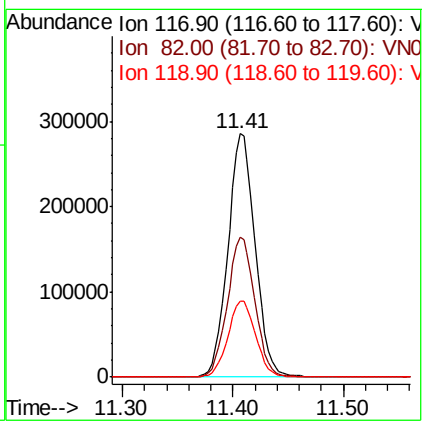


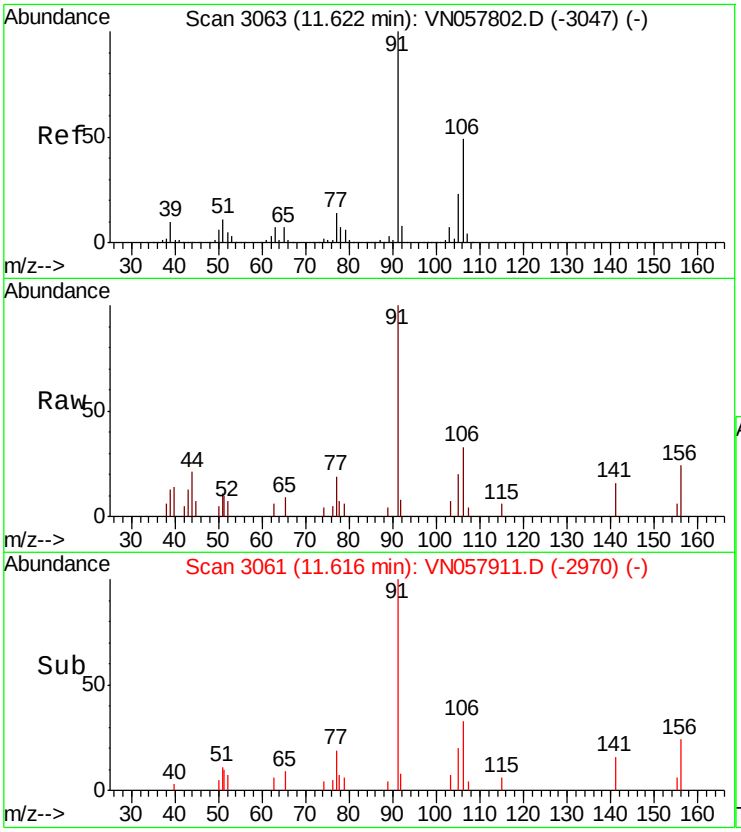


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion:117 Resp: 487170

Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.2	70.8
119	31.2	25.3	37.9



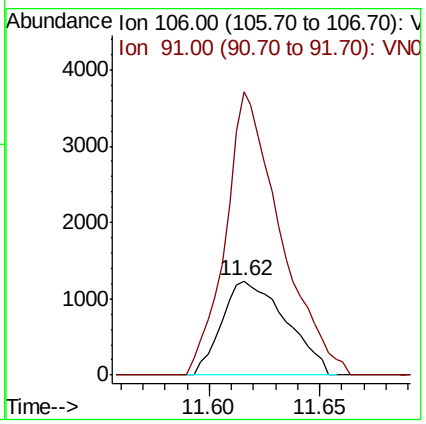


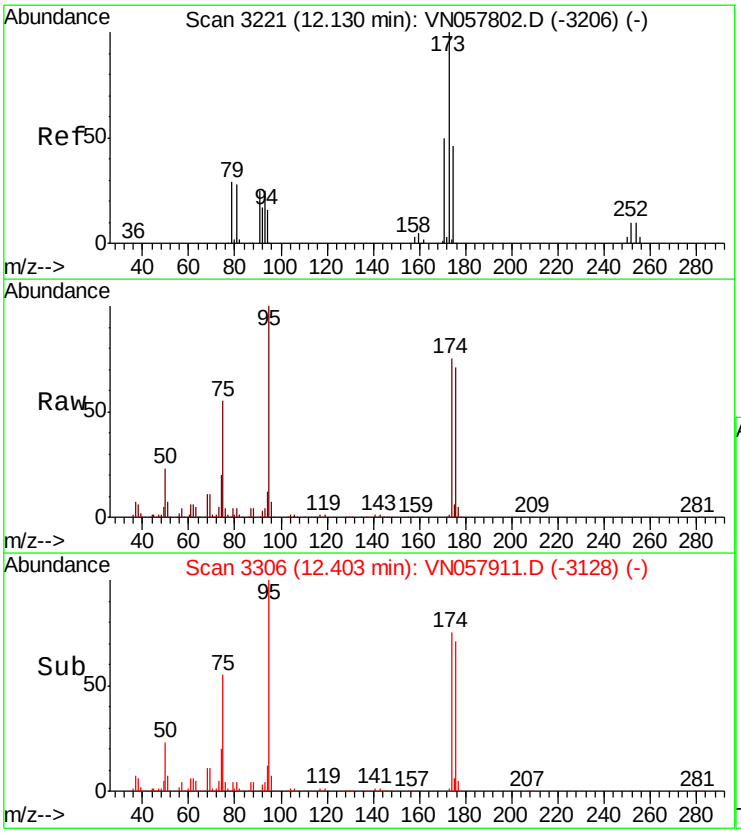
#68
m/p-Xylenes
Concen: 0.304 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument : MSVOA_N
ClientSampleId : T11-C1-(0)

Tgt Ion:106 Resp: 2489

Ion	Ratio	Lower	Upper
106	100		
91	258.1	165.8	248.6#

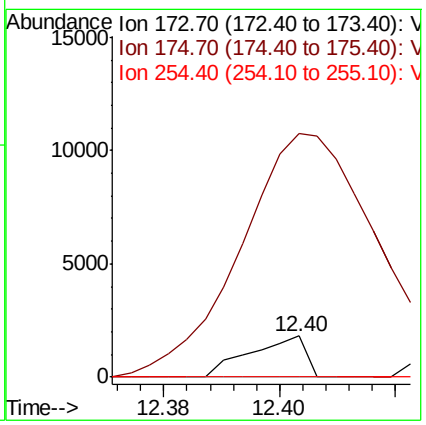


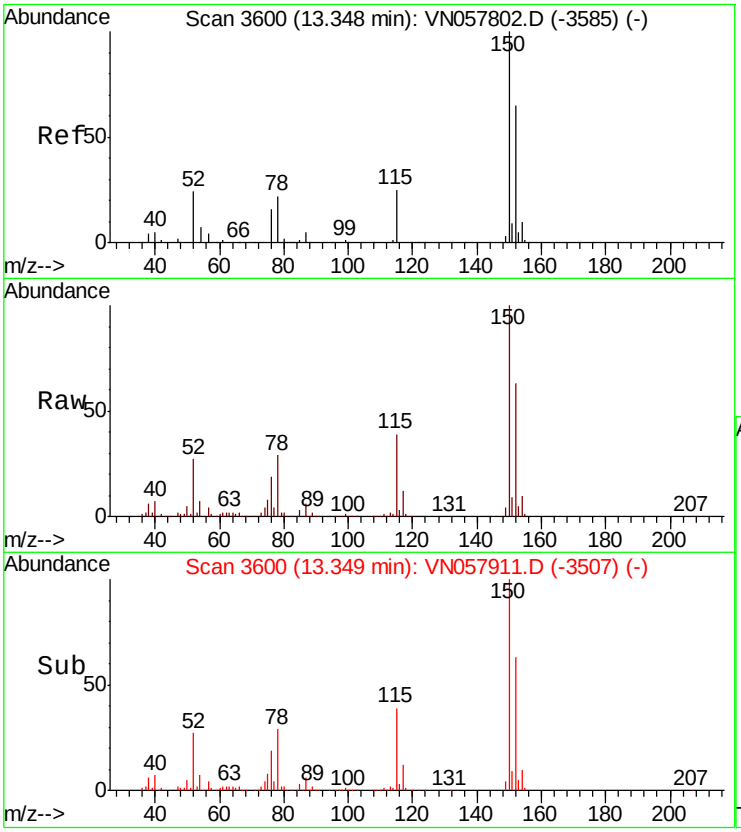


#71
Bromoform
Concen: 0.434 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion:173 Resp: 1196

Ion	Ratio	Lower	Upper
173	100		
175	1279.0	23.5	70.6#
254	0.0	0.1	0.1#



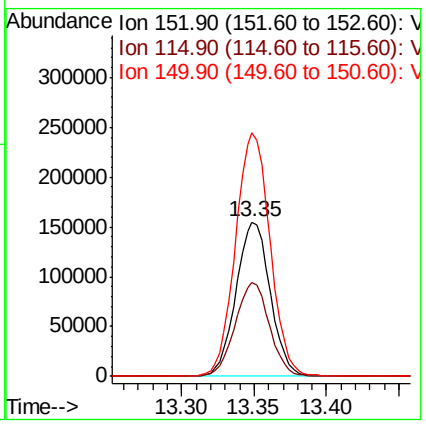


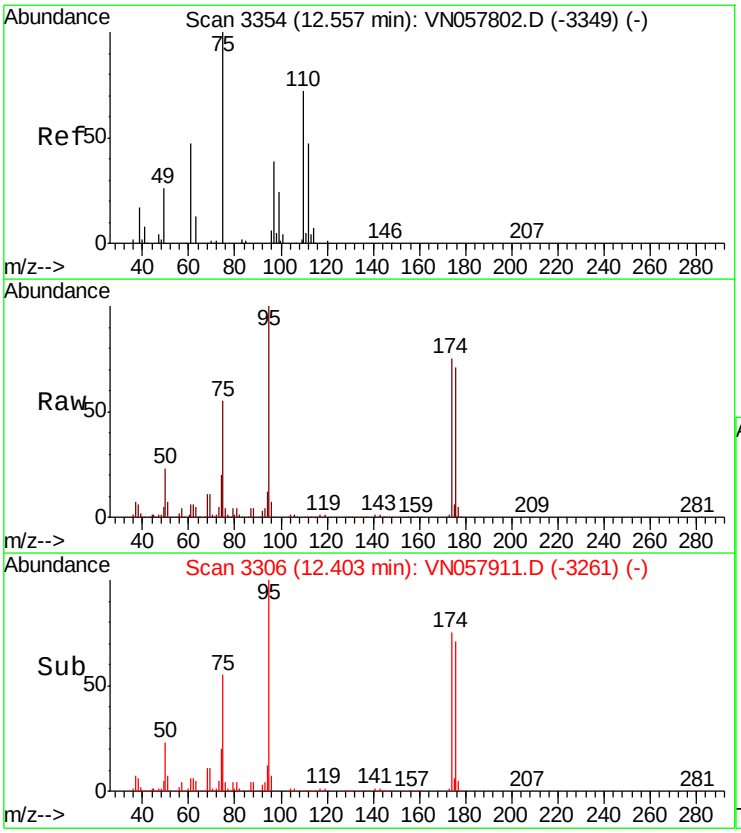
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
T11-C1-(0)

Tgt Ion:152 Resp: 254191

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.3	91.0
150	159.5	0.0	352.4

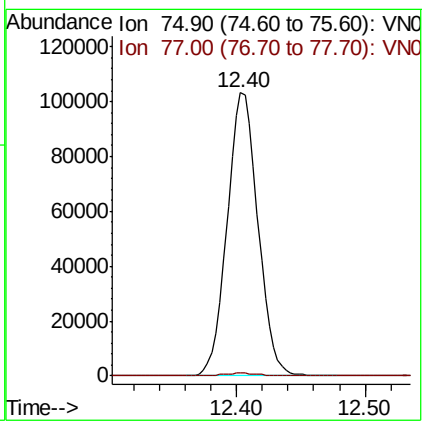


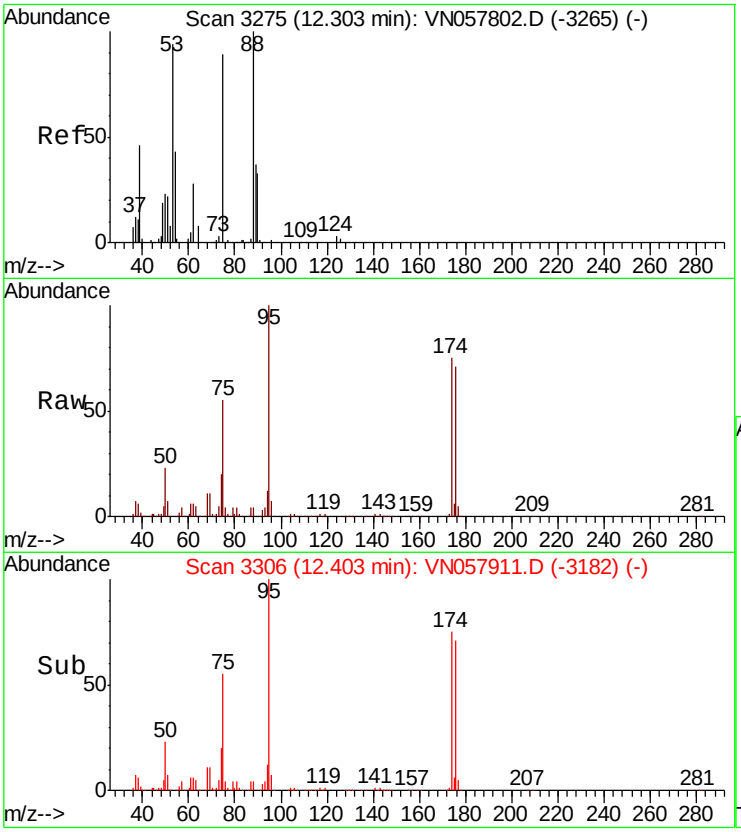


#76
1,2,3-Trichloropropane
Concen: 29.719 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion: 75 Resp: 170893

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



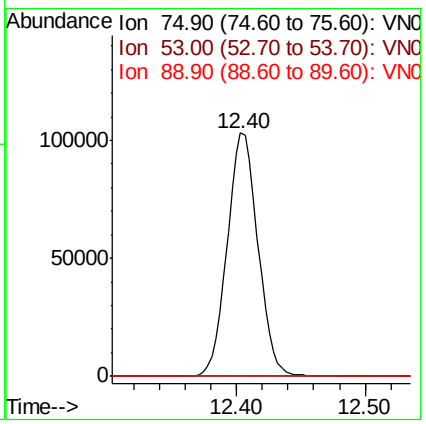


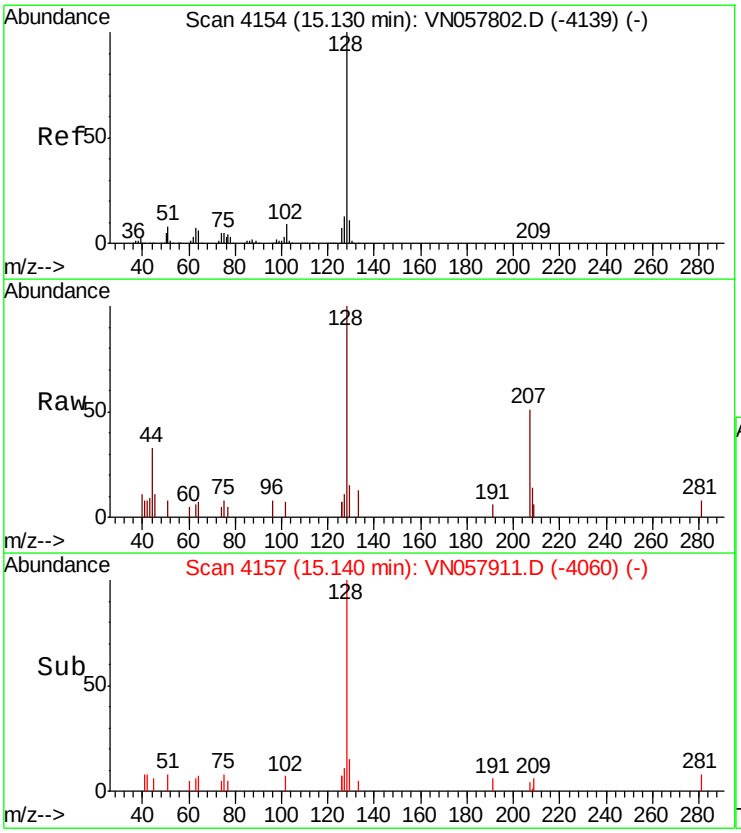
#81
trans-1,4-Dichloro-2-butene
Concen: 104.583 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
T11-C1-(0)

Tgt Ion: 75 Resp: 170893

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	35.3	52.9#





#95
Naphthalene
Concen: Below Cal
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN057911.D
Acq: 11 Sep 2019 9:56

Tgt Ion:128 Resp: 5647

Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.3	15.5#
129	13.5	8.6	12.8#