Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054190.D
Acq On : 13 Mar 2019 3:55
Operator : JC/SP
Sample : K1846-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Quant Time: Mar 13 07:35:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1477601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2452425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2531314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1110497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	800655	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.04%			
35) Dibromofluoromethane	7.59	113	760951	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.22%			
50) Toluene-d8	10.09	98	3040818	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.12%			
62) 4-Bromofluorobenzene	12.40	95	1160290	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.54%			
Target Compounds						Qvalue
10) Methyl Iodide	3.95	142	242	1.508	ug/l #	86
13) Acrolein	3.60	56	557	0.546	ug/l	84
14) Allyl chloride	4.55	41	170840	8.674	ug/l #	21
16) Acetone	3.82	43	26204	5.832	ug/l	99
20) Methylene Chloride	4.55	84	5928815	401.871	ug/l	99
25) 2-Butanone	6.87	43	3645	0.691	ug/l #	85
29) Tetrahydrofuran	7.24	42	1292	0.381	ug/l #	53
30) Chloroform	7.37	83	9242	0.351	ug/l	94
31) Cyclohexane	7.66	56	23573	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	86975	3.851	ug/l #	48
38) Carbon Tetrachloride	7.67	117	120968	5.108	ug/l #	16
43) Isopropyl Acetate	8.17	43	46176	2.027	ug/l	99
48) Methyl methacrylate	9.18	41	16734	1.448	ug/l #	11
49) 1,4-Dioxane	9.26	88	138	0.844	ug/l #	27
51) 4-Methyl-2-Pentanone	10.03	43	19175	1.591	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	451	2.003	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	151127	5.966	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	28625	1.170	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.72	63	97	16.840	ug/l #	44
59) 2-Hexanone	10.77	43	371848	46.360	ug/l #	50
71) Bromoform	12.40	173	7930	2.842	ug/l #	1
74) N-amyl acetate	11.88	43	41711	2.115	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	559031	34.233	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	25625	0.347	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	559031	117.022	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	15242	0.210	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	848	2.551	ug/l #	1
95) Naphthalene	15.13	128	13086	3.720	ug/l	98

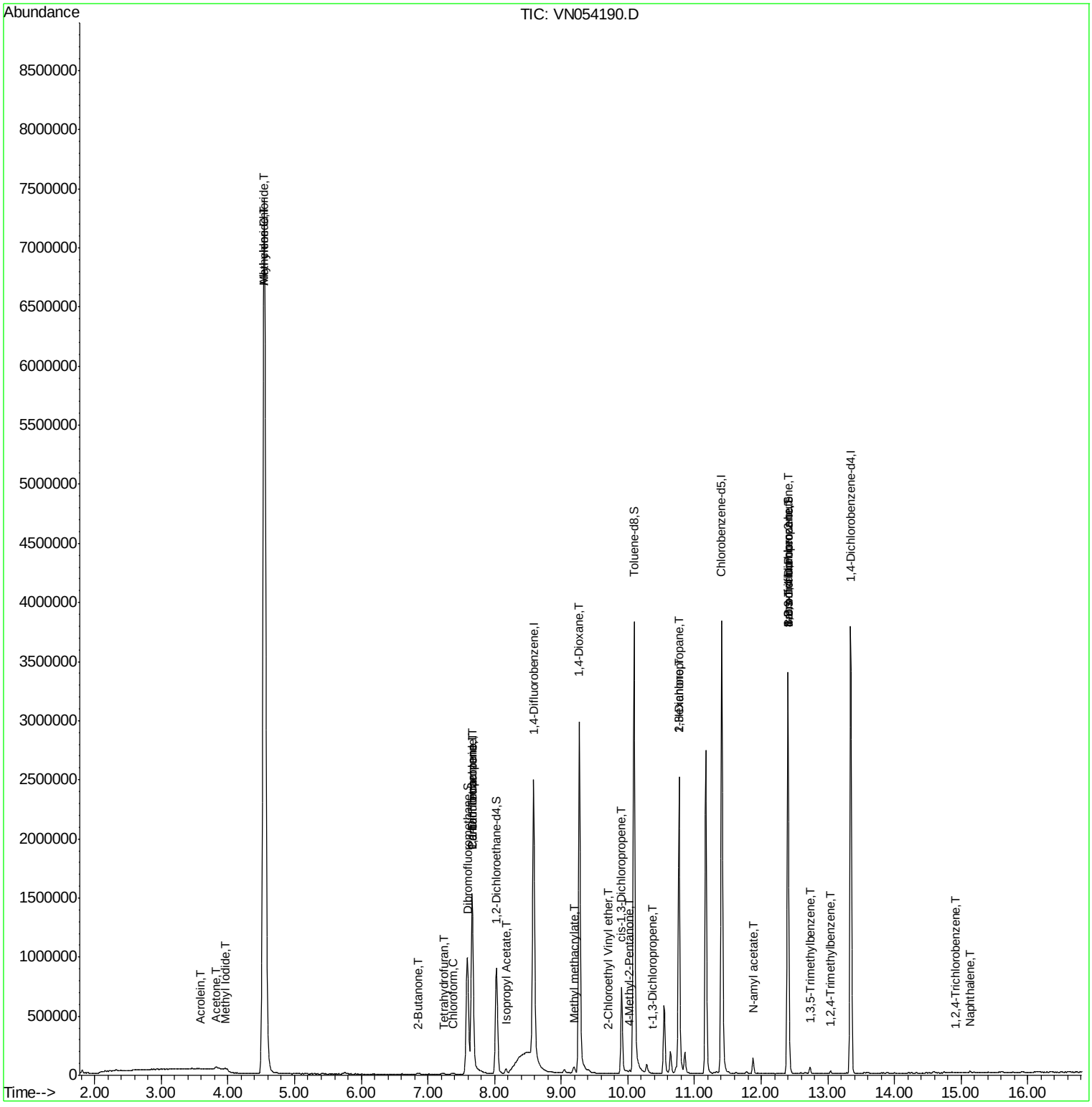
(#) = qualifier out of range (m) = manual integration (+) = signals summed

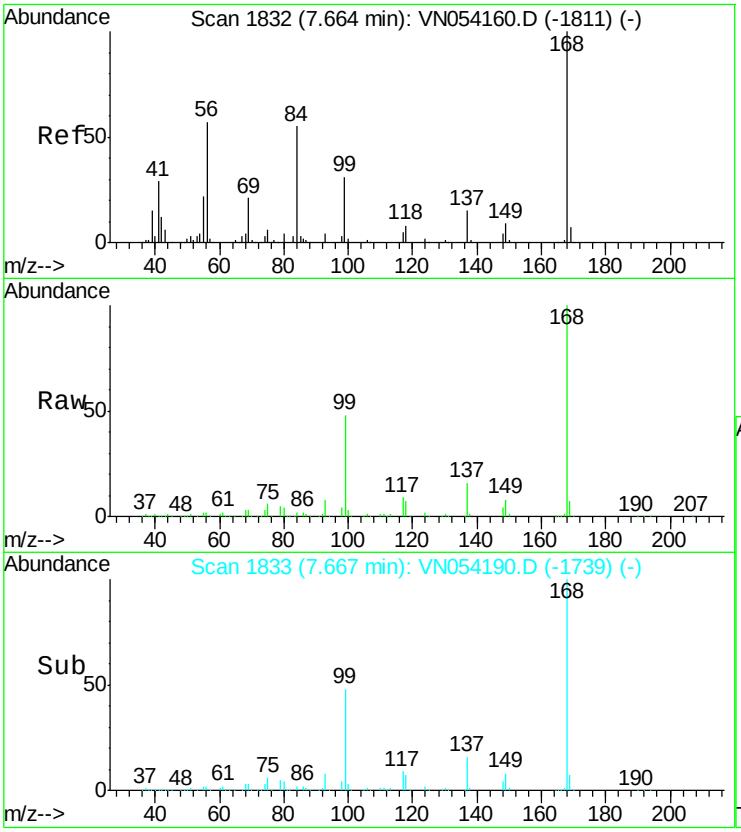
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054190.D
Acq On : 13 Mar 2019 3:55
Operator : JC/SP
Sample : K1846-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Quant Time: Mar 13 07:35:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



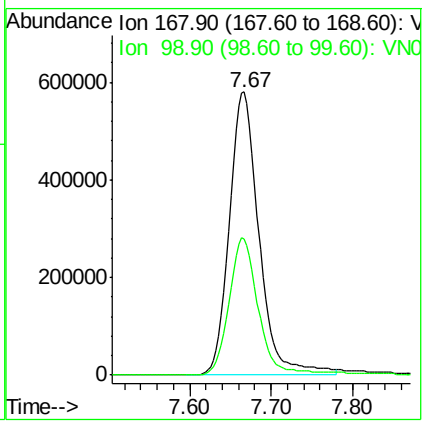


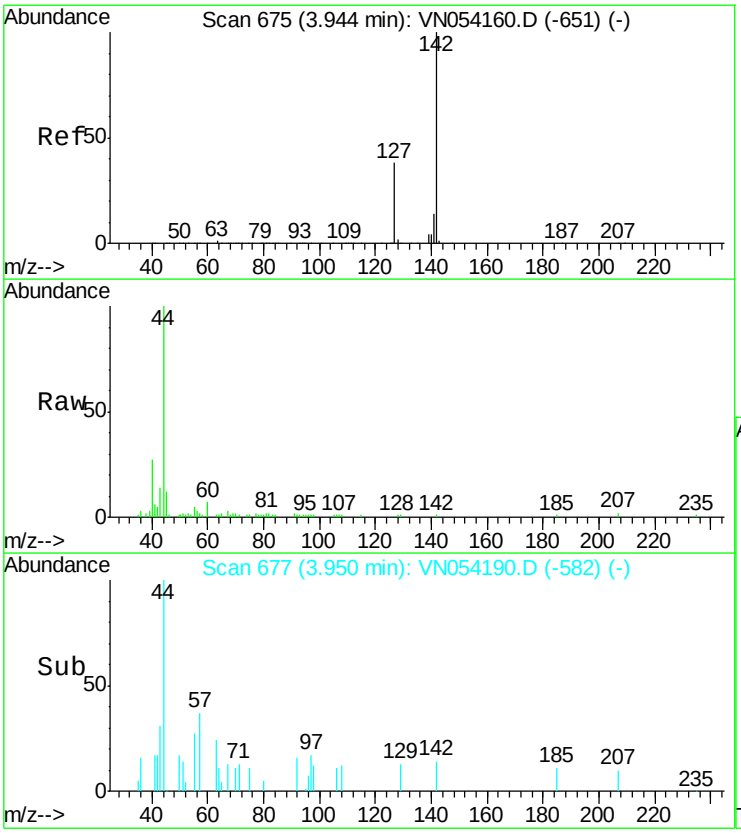
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tgt Ion:168 Resp: 1477601

Ion	Ratio	Lower	Upper
168	100		
99	48.2	37.1	55.7

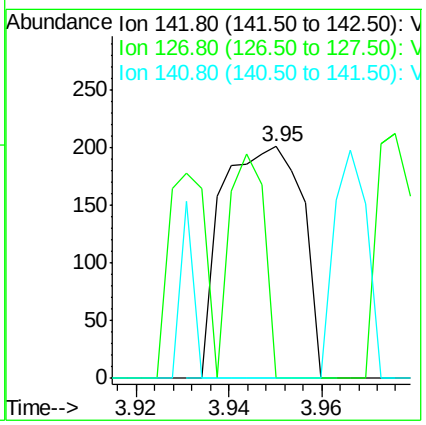


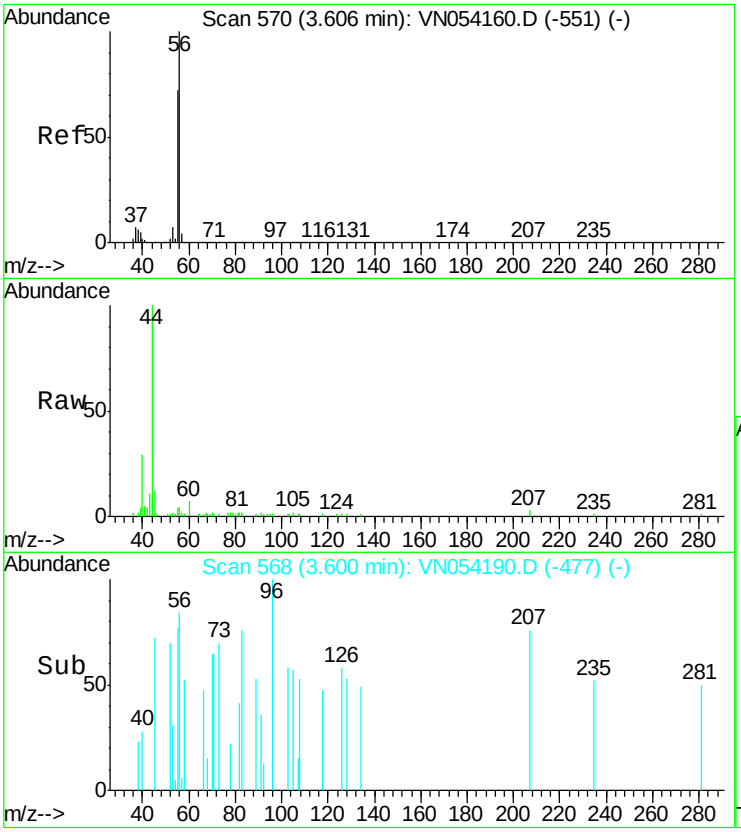


#10
Methyl Iodide
Concen: 1.508 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.01 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion:142 Resp: 242

Ion	Ratio	Lower	Upper
142	100		
127	41.7	30.3	45.5
141	0.0	11.2	16.8#



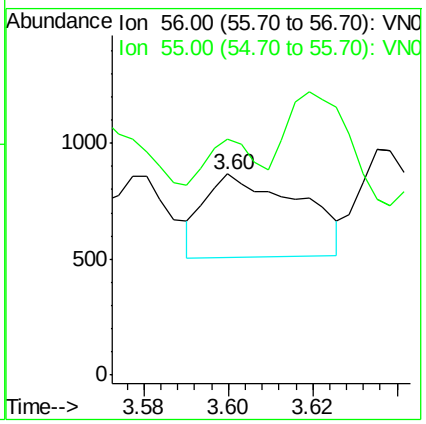


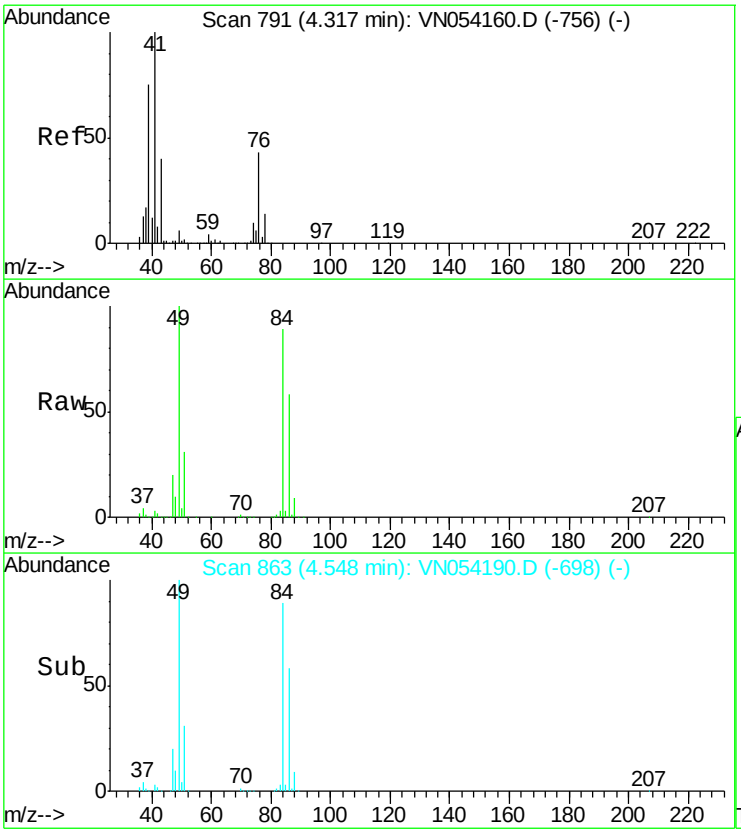
#13
Acrolein
Concen: 0.546 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tgt Ion: 56 Resp: 557

Ion	Ratio	Lower	Upper
56	100		
55	58.0	56.7	85.1

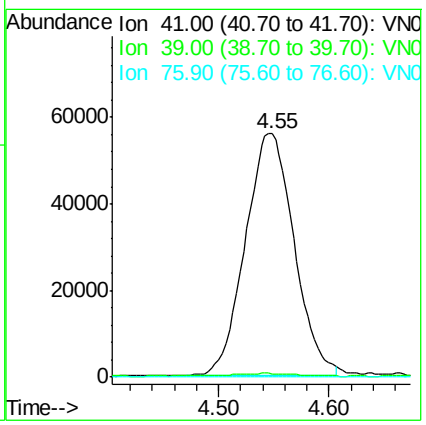


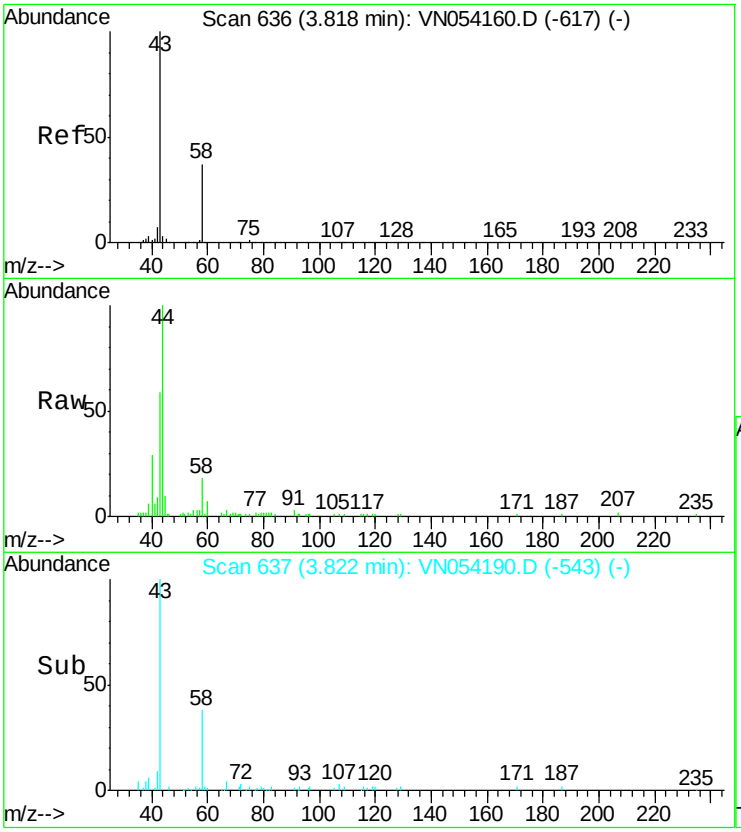


#14
Allyl chloride
Concen: 8.674 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.23 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 41 Resp: 170840

Ion	Ratio	Lower	Upper
41	100		
39	0.1	58.2	87.4#
76	0.0	31.7	47.5#



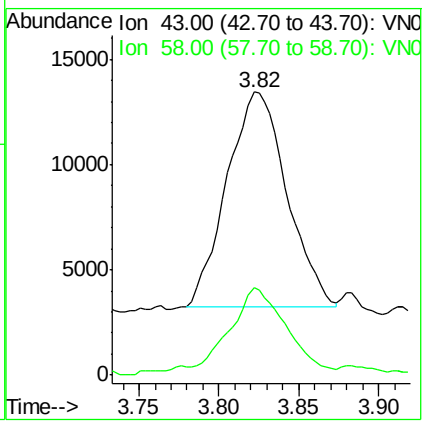


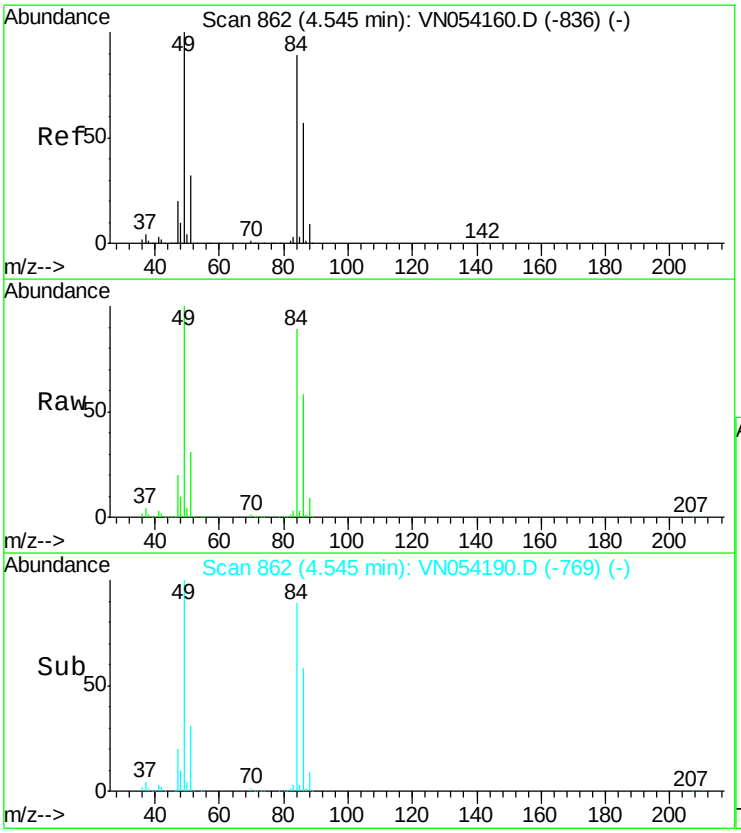
#16
Acetone
Concen: 5.832 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tgt Ion: 43 Resp: 26204

Ion	Ratio	Lower	Upper
43	100		
58	38.0	29.9	44.9

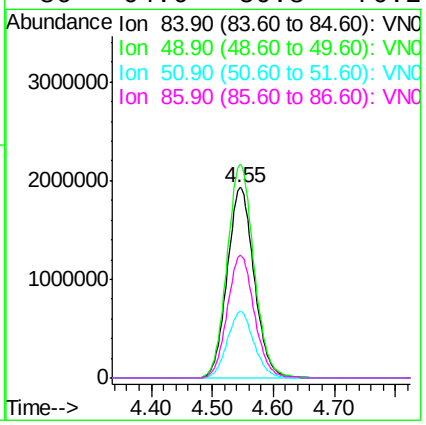


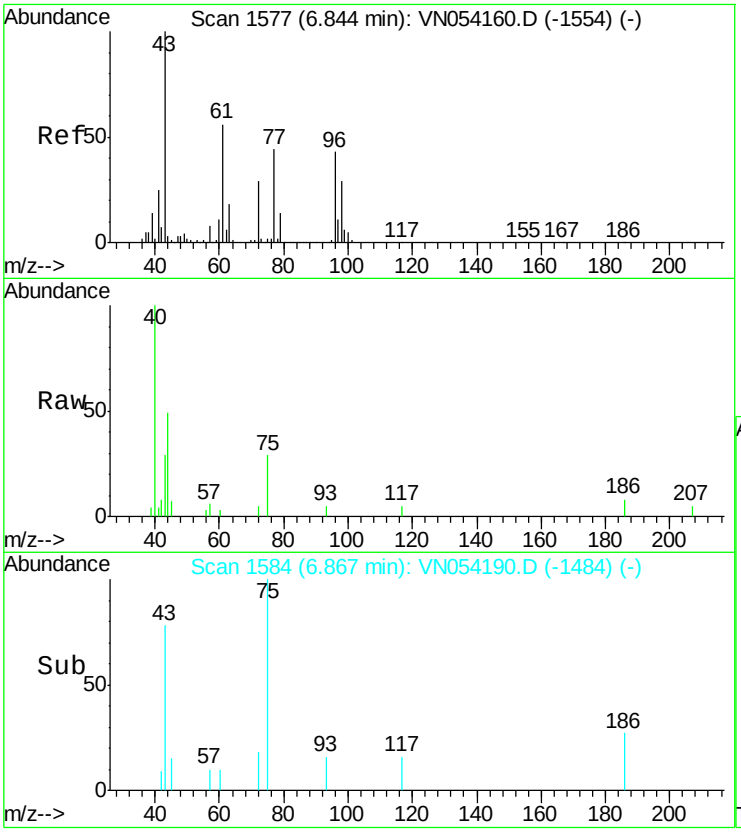


#20
Methylene Chloride
Concen: 401.871 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 84 Resp: 5928815

Ion	Ratio	Lower	Upper
84	100		
49	112.0	89.7	134.5
51	34.8	28.2	42.4
86	64.6	50.8	76.2



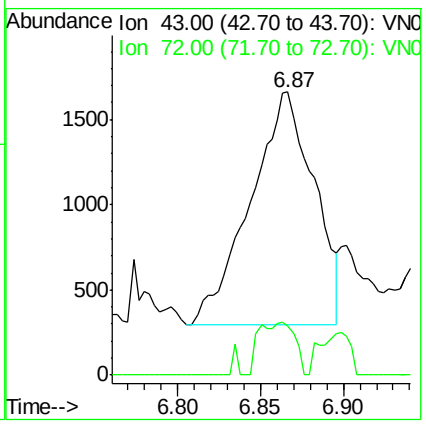


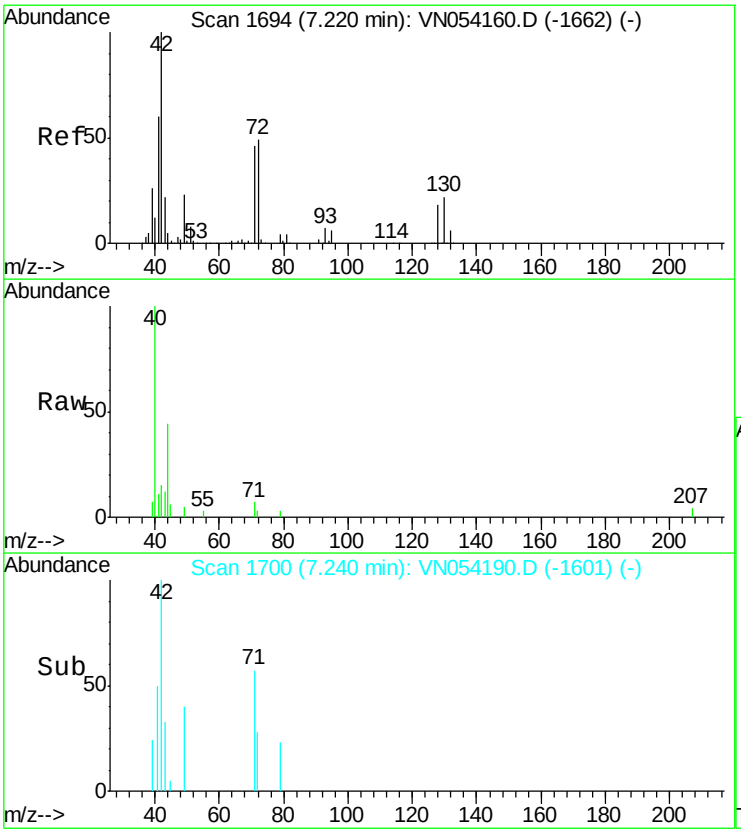
#25
2-Butanone
Concen: 0.691 ug/l
RT: 6.87 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion: 43 Resp: 3645

Ion	Ratio	Lower	Upper
43	100		
72	21.0	23.0	34.6#

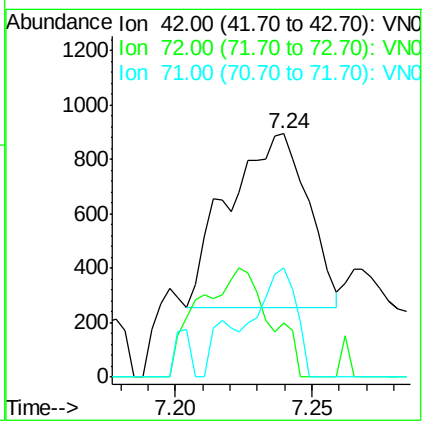


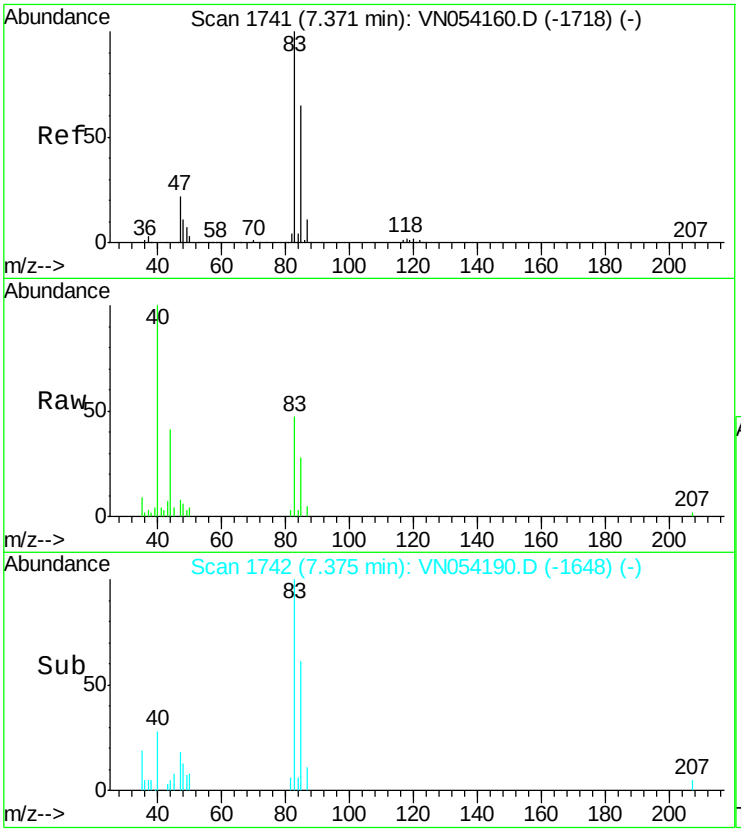


#29
Tetrahydrofuran
Concen: 0.381 ug/l
RT: 7.24 min Scan# 1700
Delta R.T. 0.02 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 42 Resp: 1292

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	30.1	36.2	54.2#



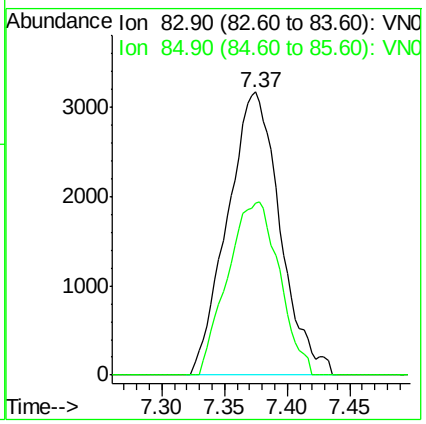


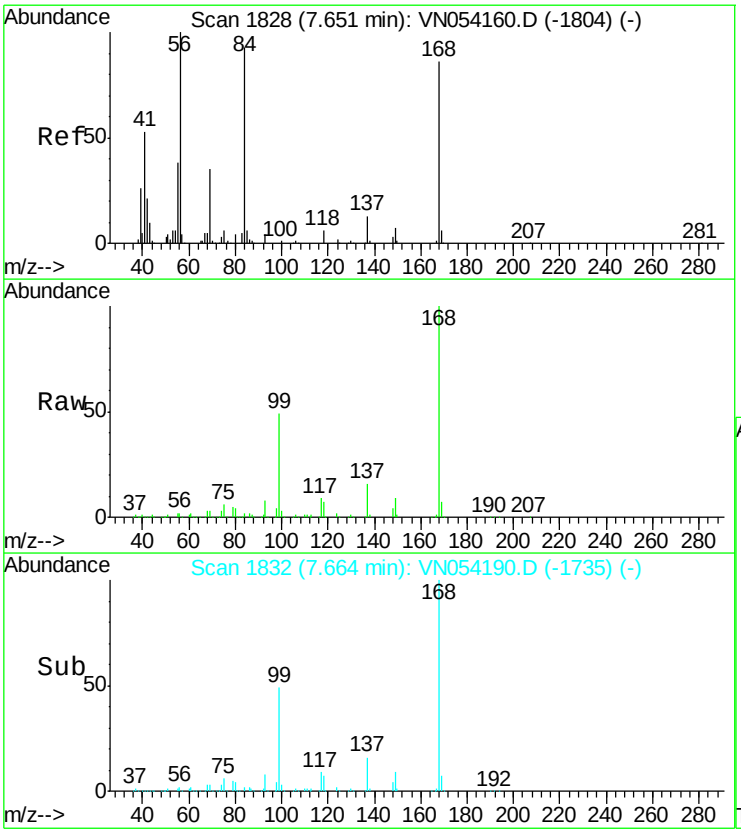
#30
Chloroform
Concen: 0.351 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion: 83 Resp: 9242

Ion	Ratio	Lower	Upper
83	100		
85	60.5	52.2	78.4

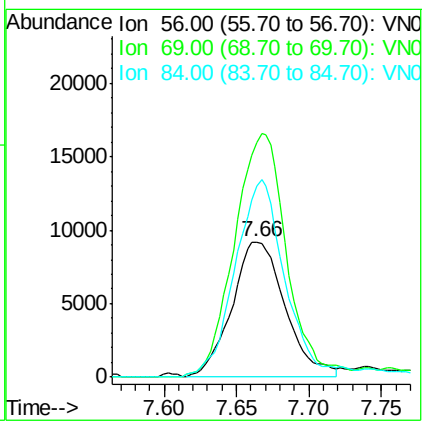


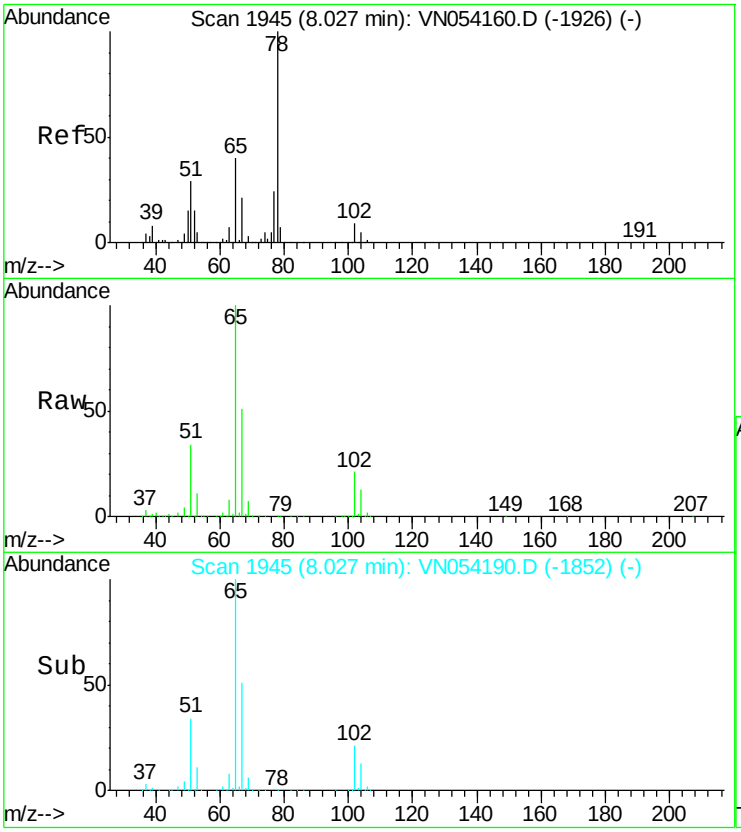


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 56 Resp: 23573

Ion	Ratio	Lower	Upper
56	100		
69	172.1	27.8	41.6#
84	138.8	74.6	111.8#



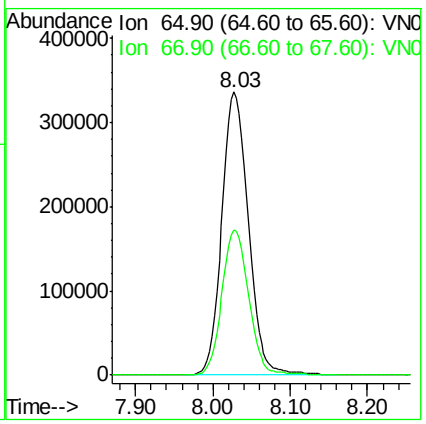


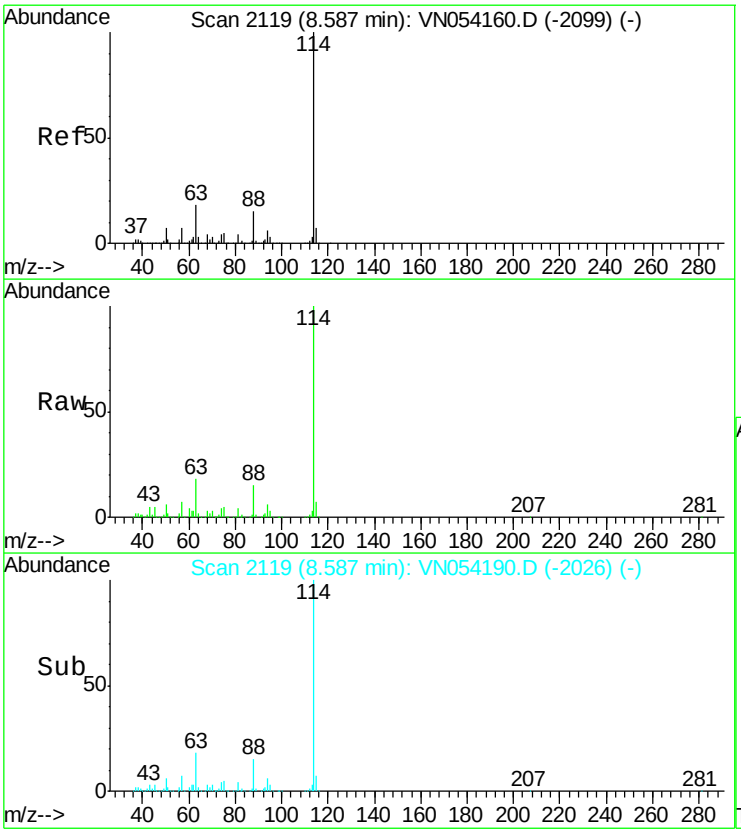
#33
1,2-Dichloroethane-d4
Concen: 51.023 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion: 65 Resp: 800655

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.6

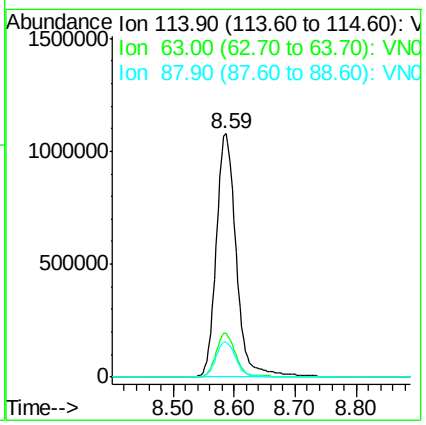


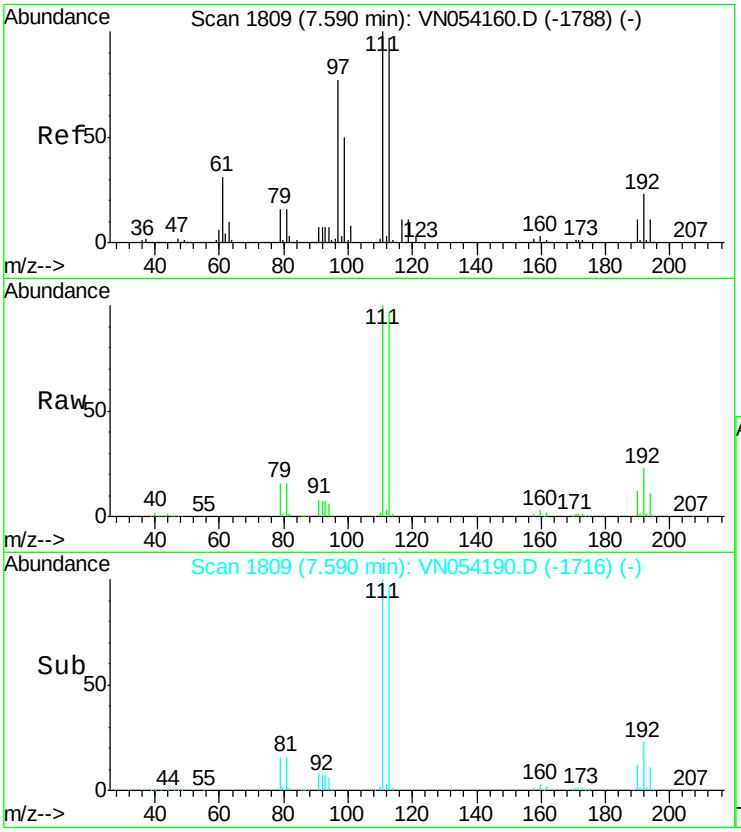


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion:114 Resp: 2452425

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.2
88	14.6	0.0	30.2



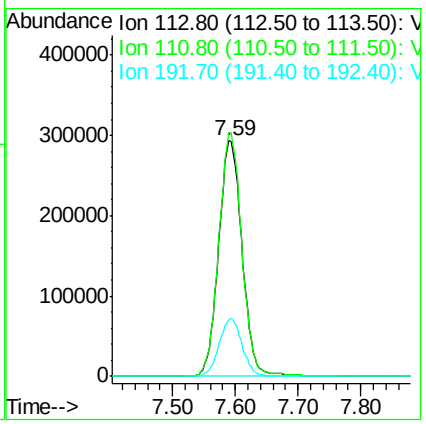


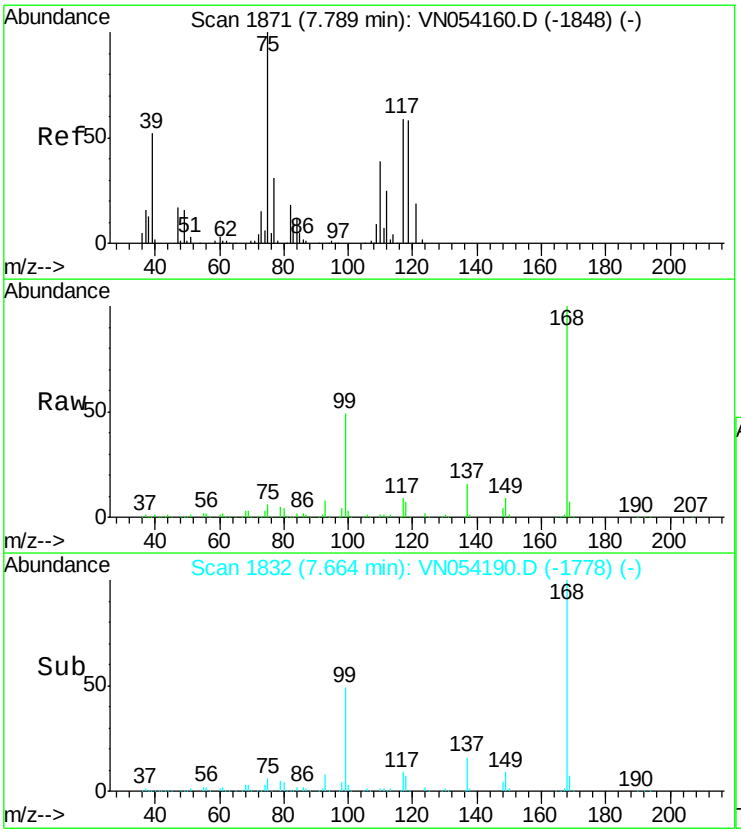
#35
Dibromofluoromethane
Concen: 48.109 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion:113 Resp: 760951

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	24.0	19.2	28.8

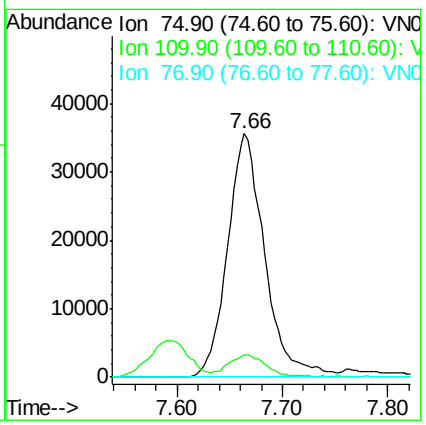


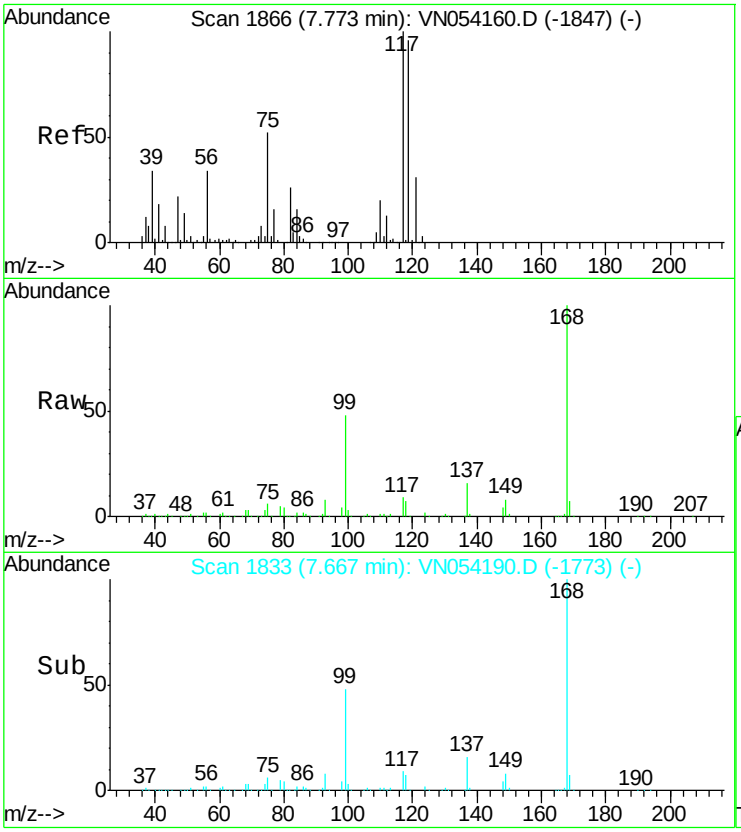


#36
1,1-Dichloropropene
Concen: 3.851 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 75 Resp: 86975

Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.1	57.5#
77	0.0	25.0	37.4#



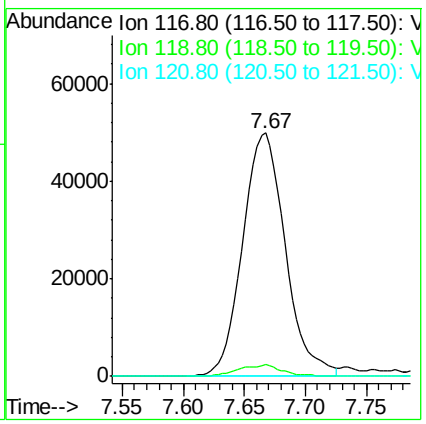


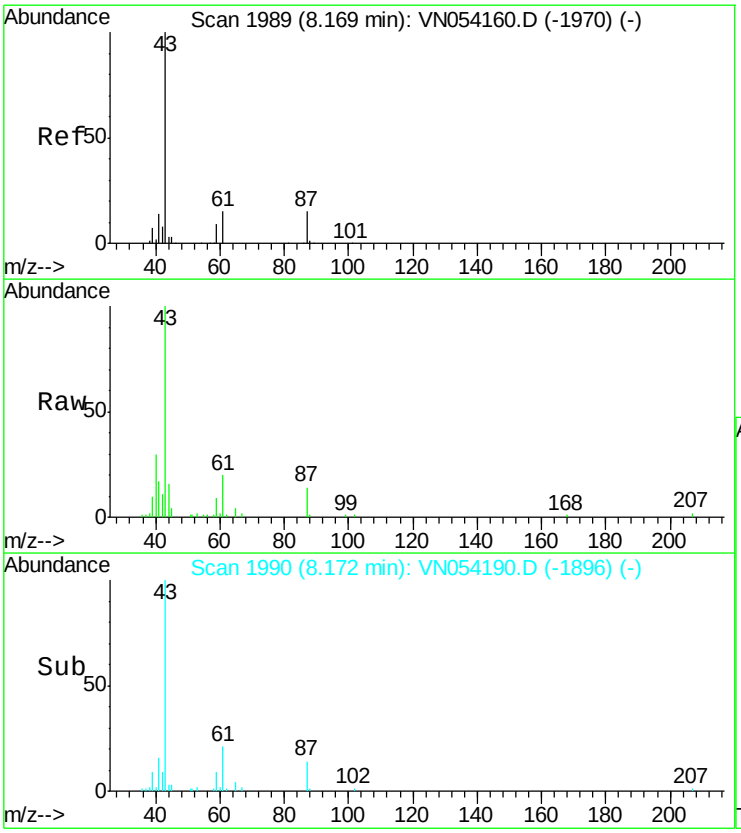
#38
Carbon Tetrachloride
Concen: 5.108 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tgt Ion:117 Resp: 120968

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.3	114.5#
121	0.0	24.6	36.8#

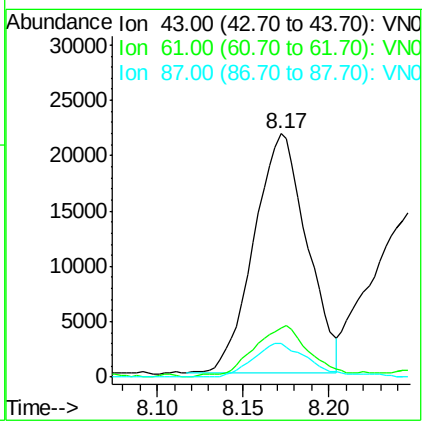


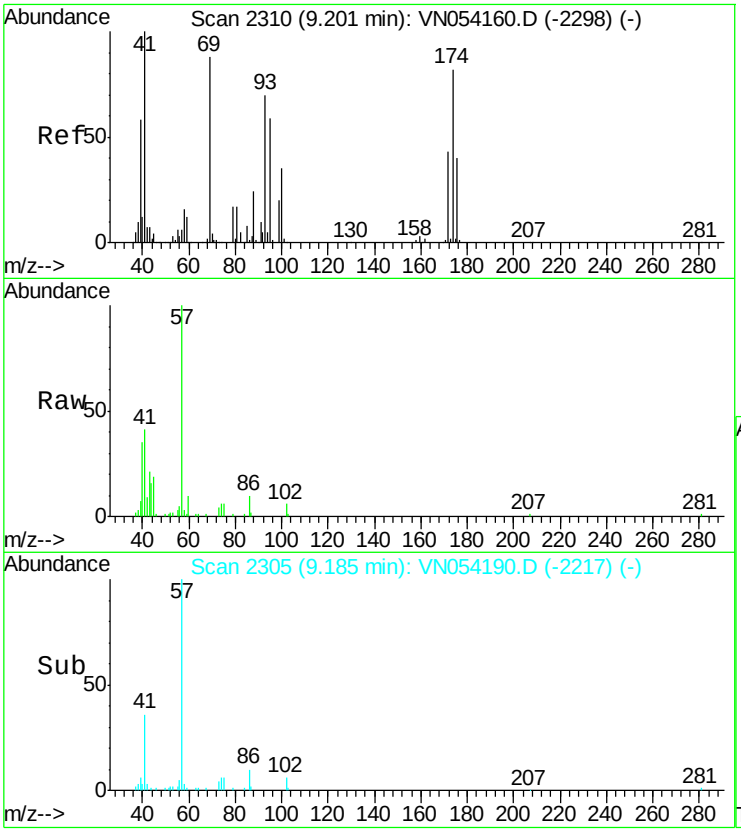


#43
Isopropyl Acetate
Concen: 2.027 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 43 Resp: 46176

Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.8	23.8
87	15.0	12.0	18.0



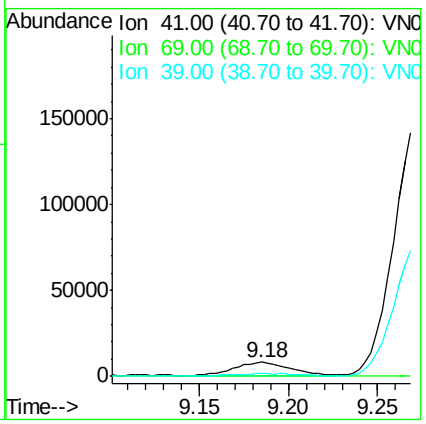


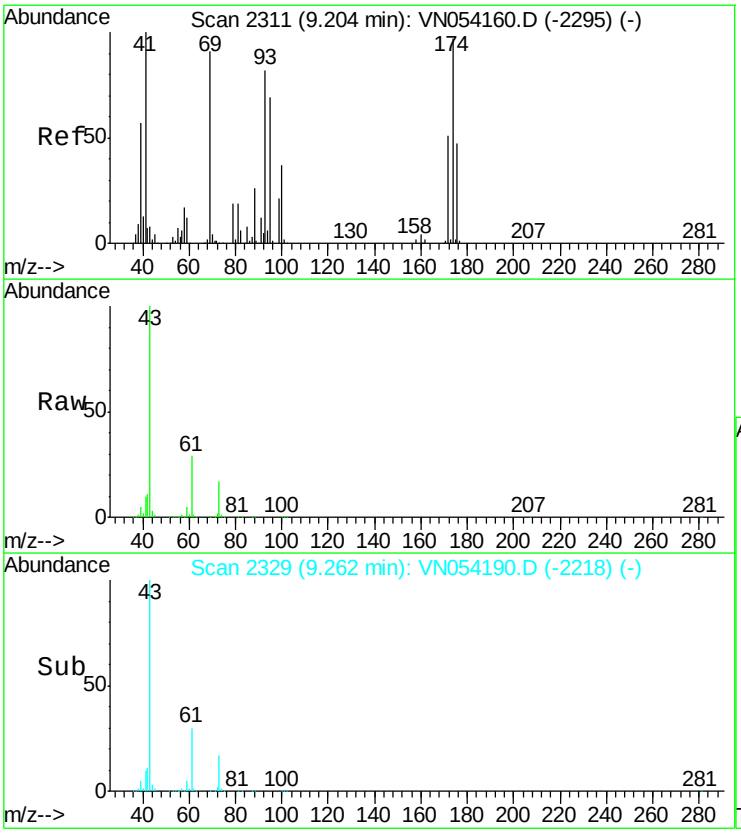
#48
Methyl methacrylate
Concen: 1.448 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion: 41 Resp: 16734

Ion	Ratio	Lower	Upper
41	100		
69	0.2	72.6	108.8#
39	0.0	47.5	71.3#

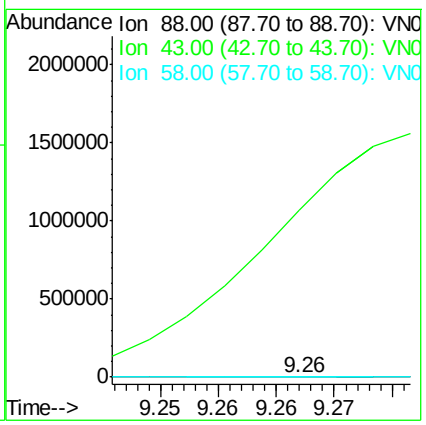


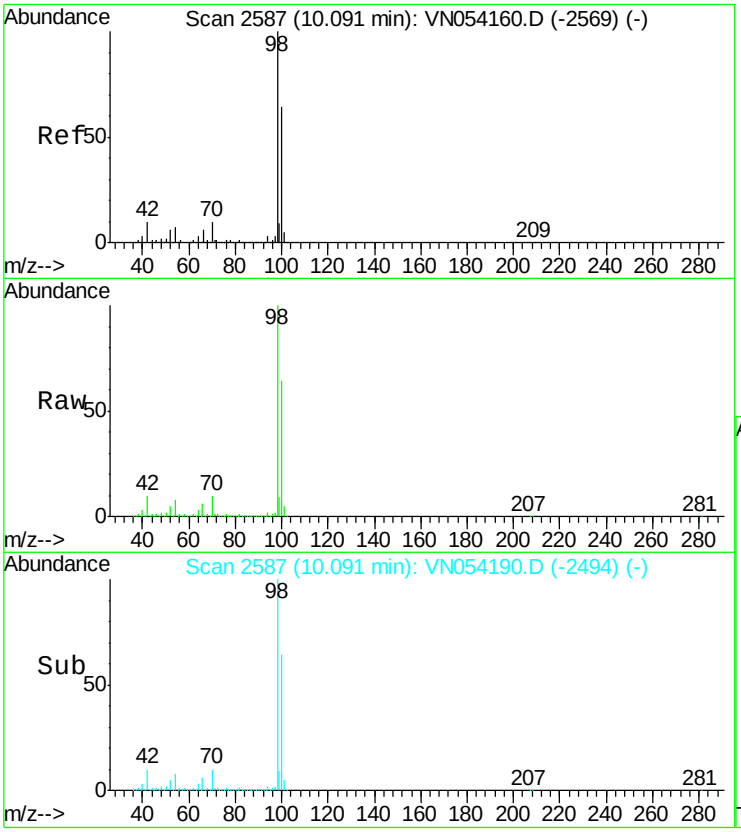


#49
1,4-Dioxane
Concen: 0.844 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 88 Resp: 138

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.1	36.1#
58	0.0	50.8	76.2#



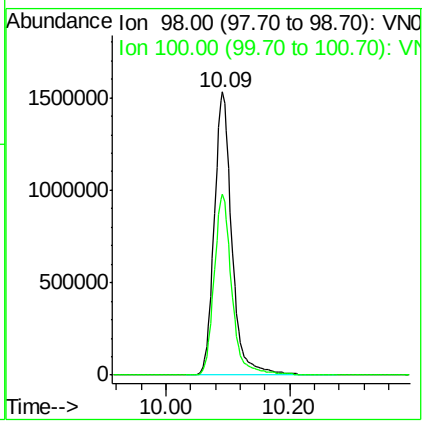


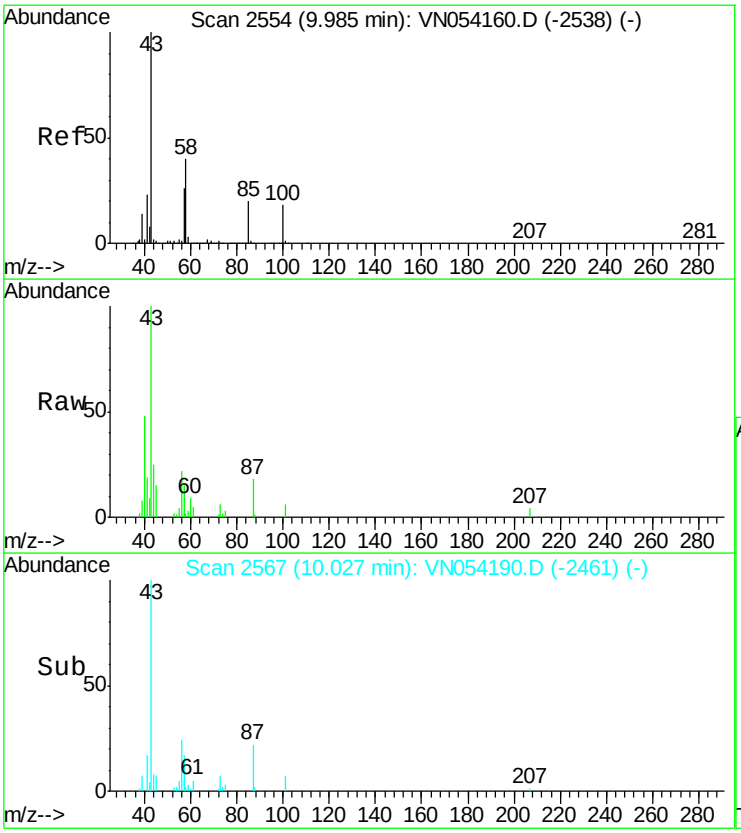
#50
Toluene-d8
Concen: 52.055 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion: 98 Resp: 3040818

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8

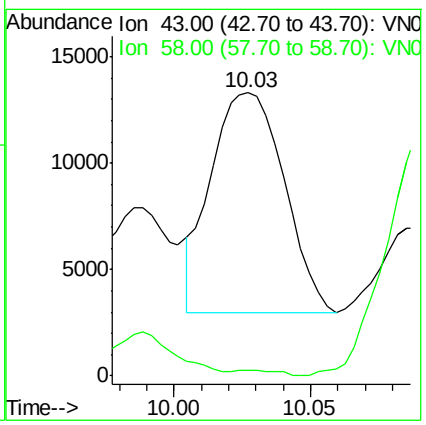


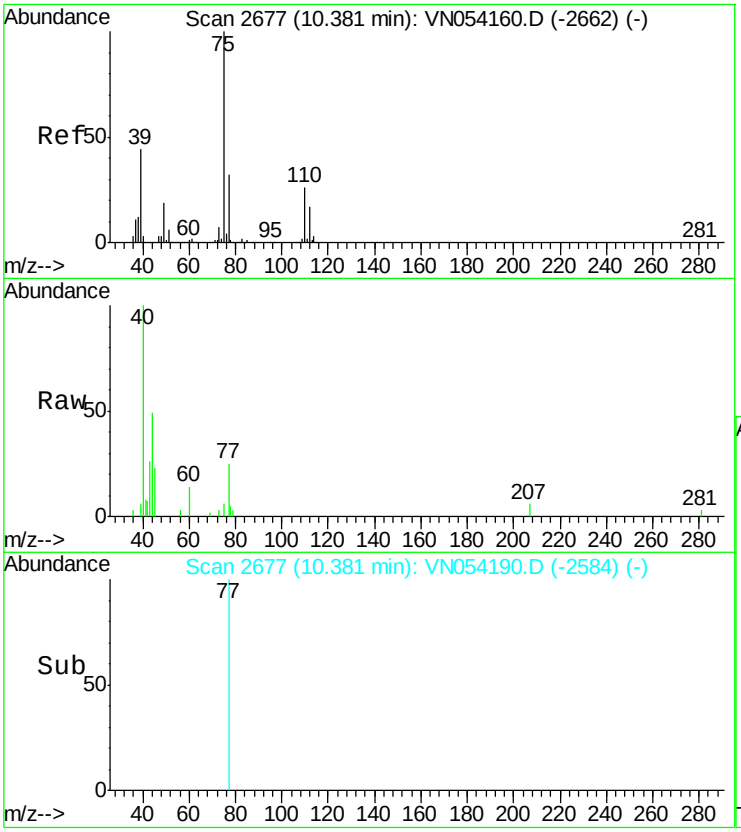


#51
4-Methyl-2-Pentanone
Concen: 1.591 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 43 Resp: 19175

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#



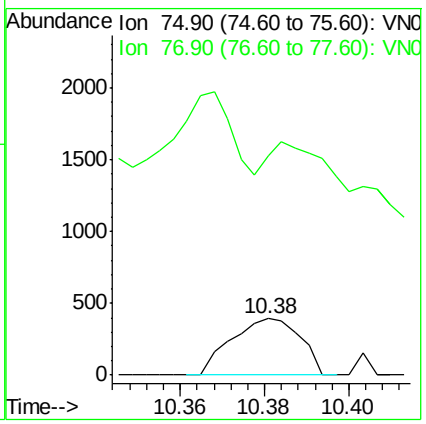


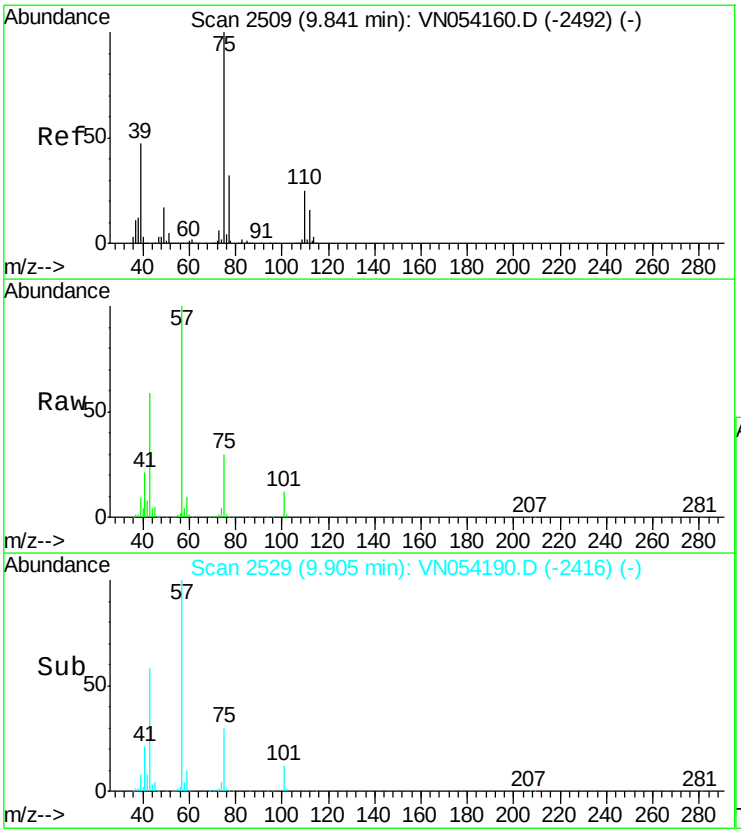
#53
t-1,3-Dichloropropene
Concen: 2.003 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tgt Ion: 75 Resp: 451

Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.8	38.8

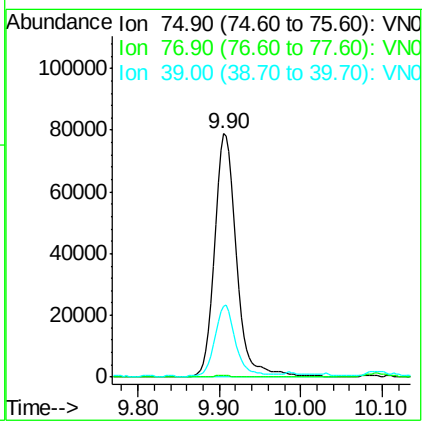


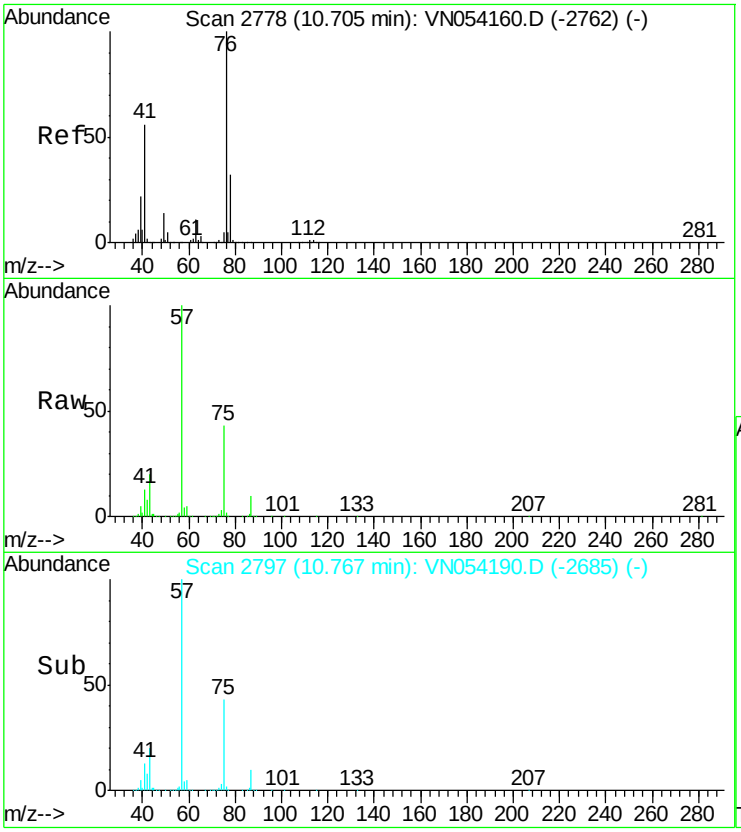


#54
cis-1,3-Dichloropropene
Concen: 5.966 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 75 Resp: 151127

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.4	38.0#
39	28.8	37.2	55.8#



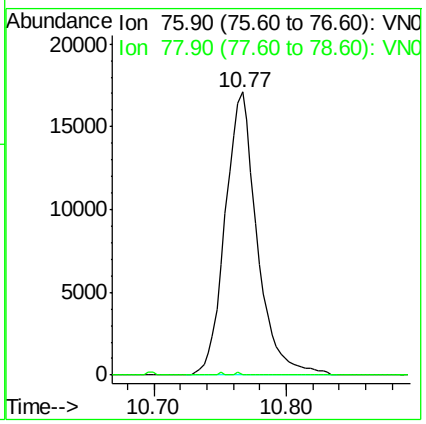


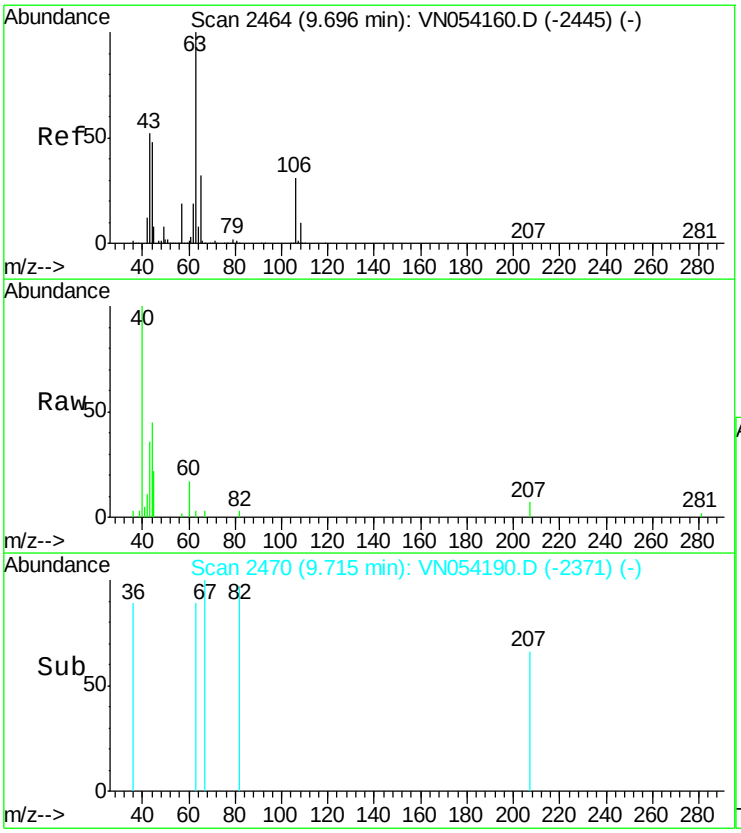
#57
1,3-Dichloropropane
Concen: 1.170 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion: 76 Resp: 28625

Ion	Ratio	Lower	Upper
76	100		
78	0.1	25.7	38.5#

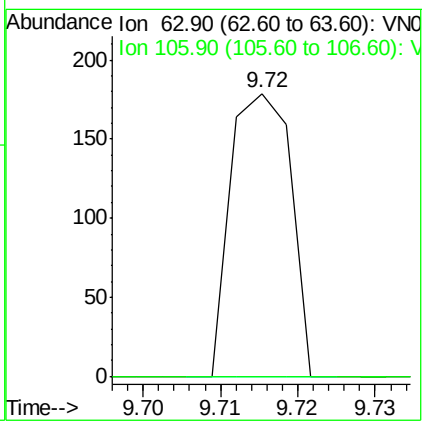


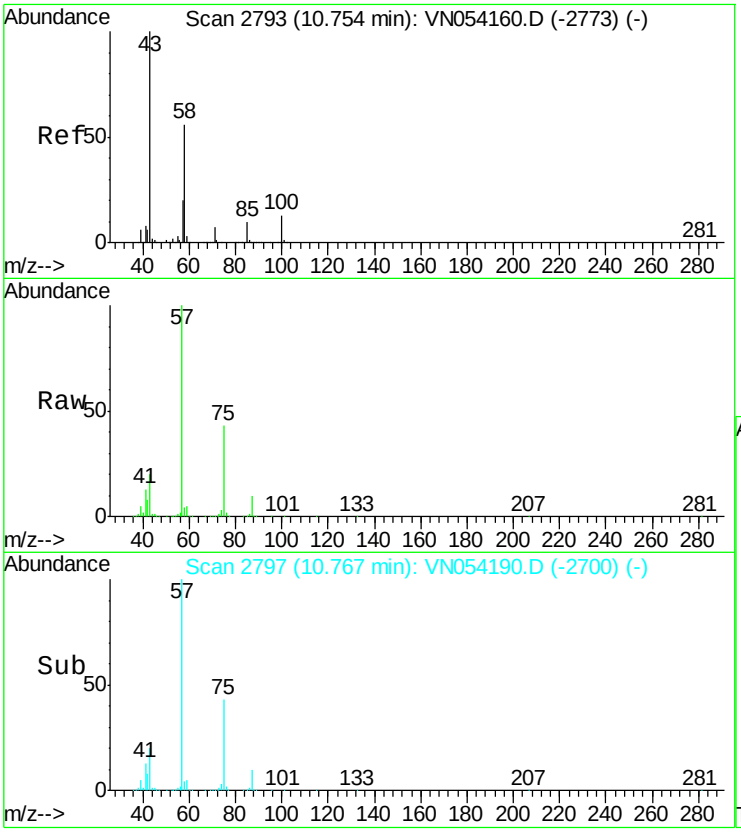


#58
2-Chloroethyl Vinyl ether
Concen: 16.840 ug/l
RT: 9.72 min Scan# 2470
Delta R.T. 0.02 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 63 Resp: 97

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.4	36.6#



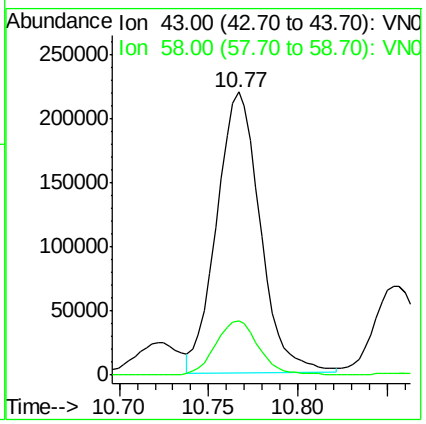


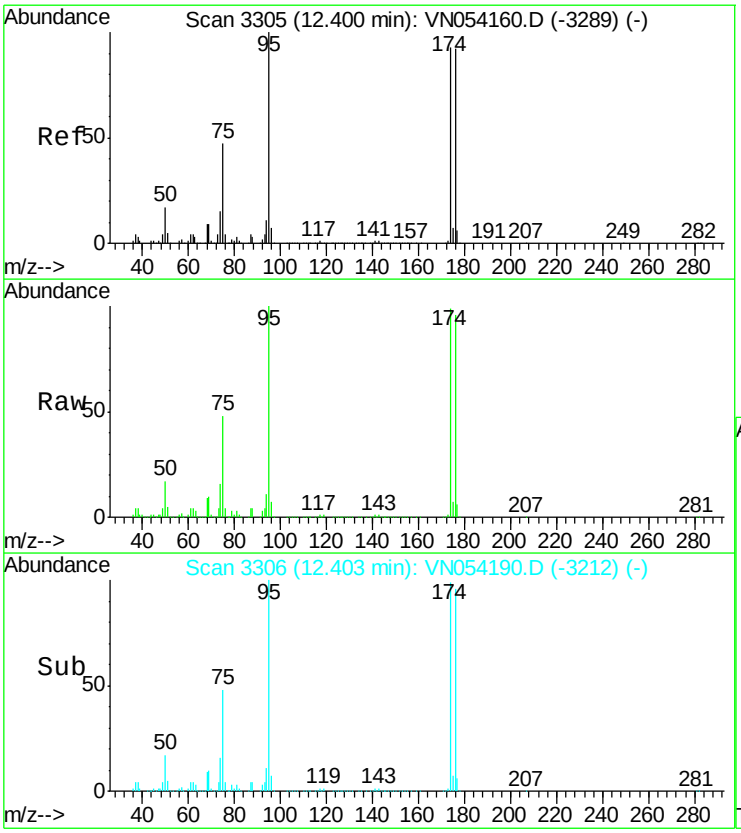
#59
2-Hexanone
Concen: 46.360 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion: 43 Resp: 371848

Ion	Ratio	Lower	Upper
43	100		
58	19.5	28.0	83.9#

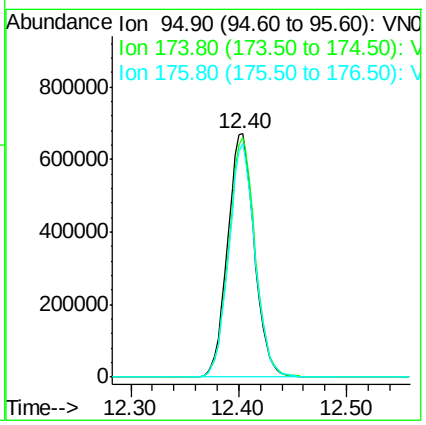


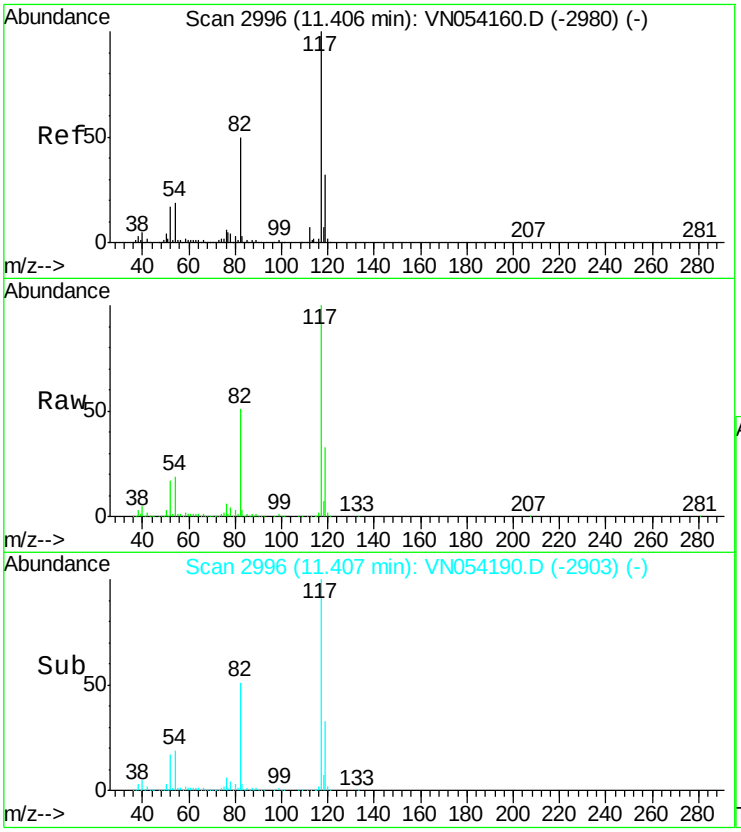


#62
4-Bromofluorobenzene
Concen: 56.767 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 95 Resp: 1160290

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	191.0
176	94.0	0.0	187.4



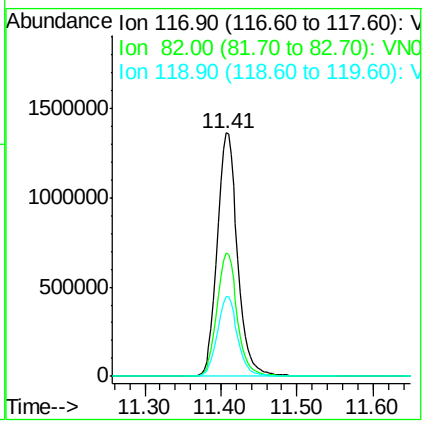


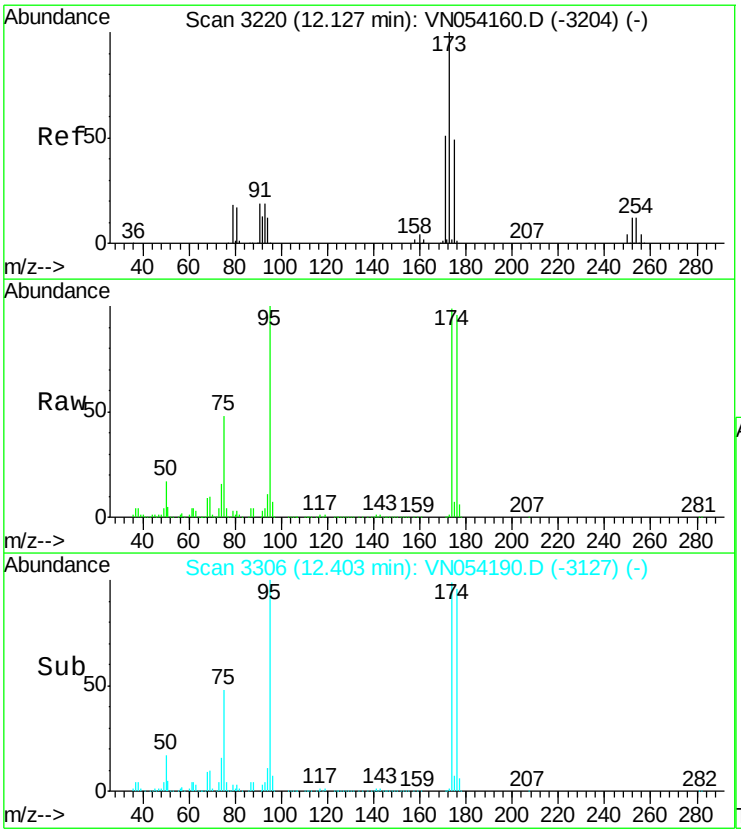
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion:117 Resp: 2531314

Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.0	60.0
119	32.6	25.8	38.6

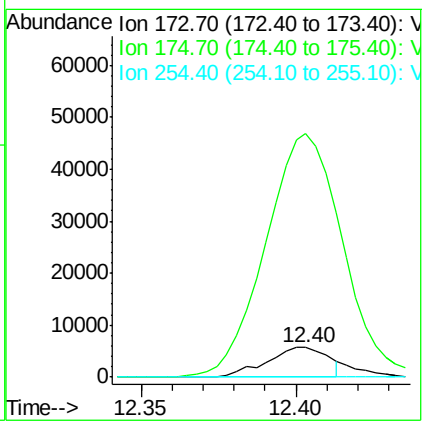


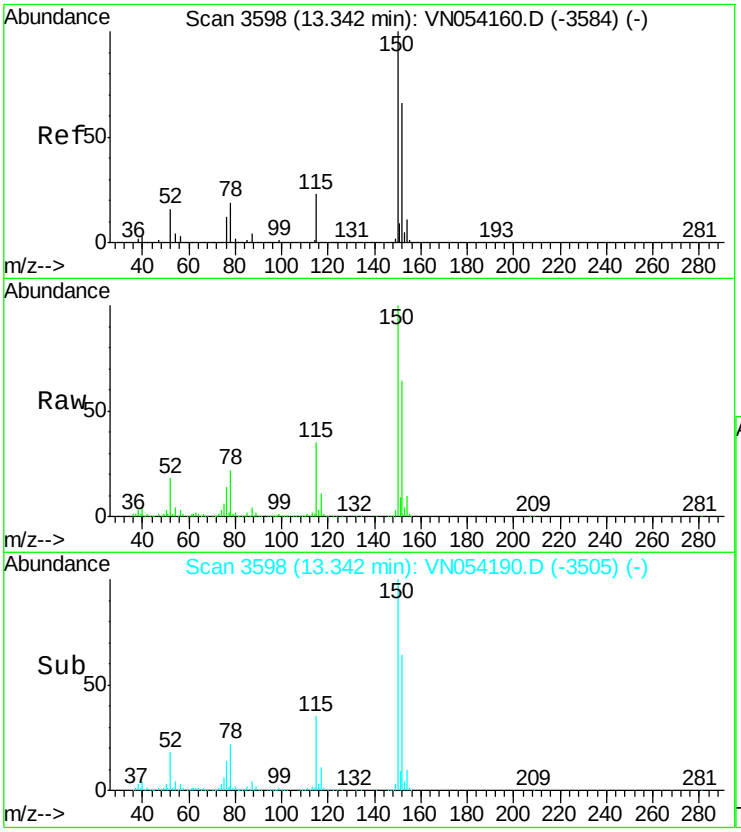


#71
Bromoform
Concen: 2.842 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion:173 Resp: 7930

Ion	Ratio	Lower	Upper
173	100		
175	866.5	24.4	73.2#
254	0.0	0.1	0.1#



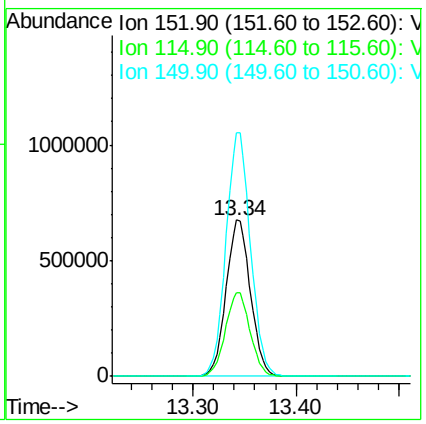


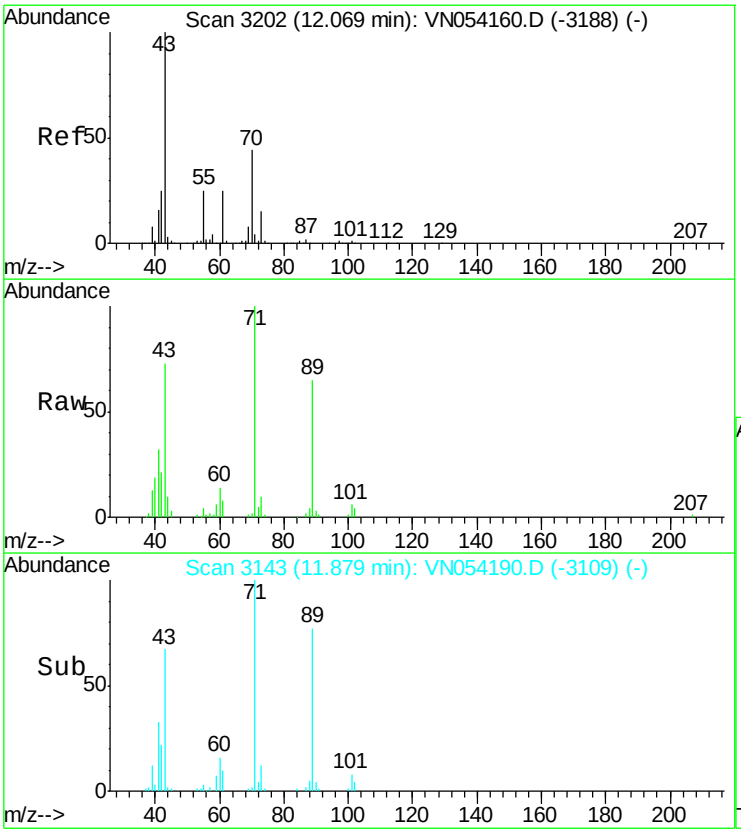
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument : MSVOA_N
ClientSampleId : TP-1-D

Tgt Ion:152 Resp: 1110497

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.2	81.6
150	156.9	0.0	349.2

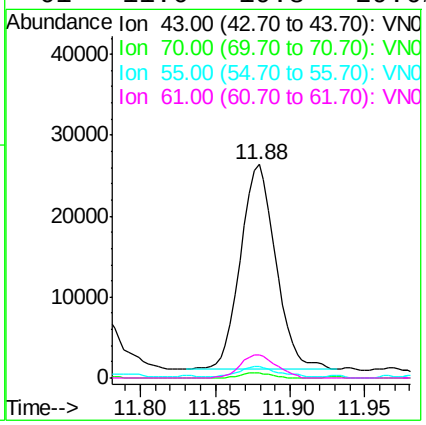


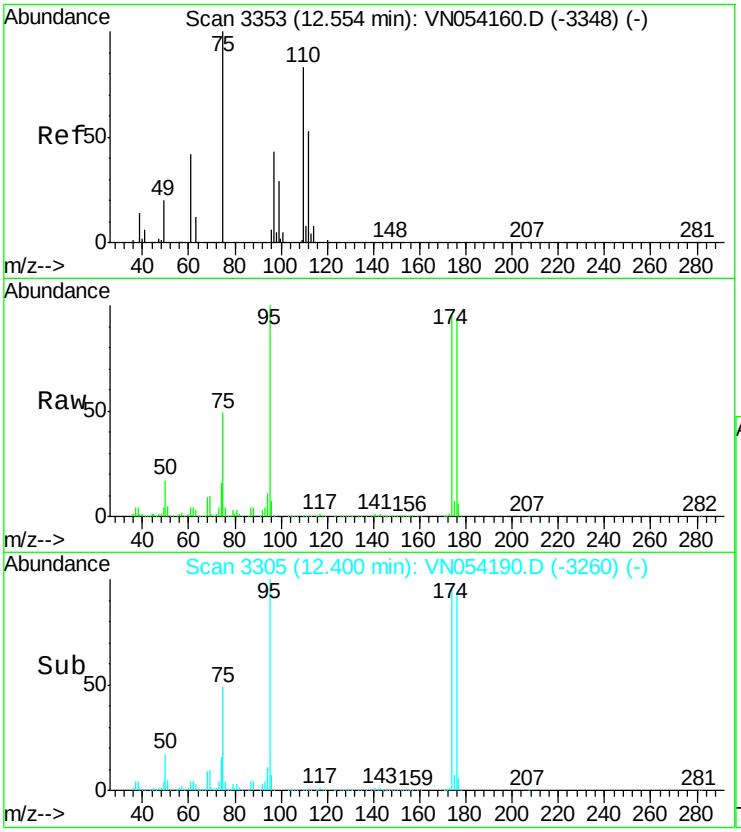


#74
N-amyl acetate
Concen: 2.115 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion: 43 Resp: 41711

Ion	Ratio	Lower	Upper
43	100		
70	2.2	35.4	53.0#
55	5.2	19.8	29.6#
61	11.6	19.8	29.6#



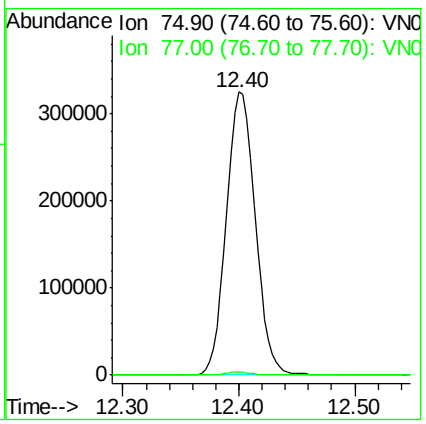


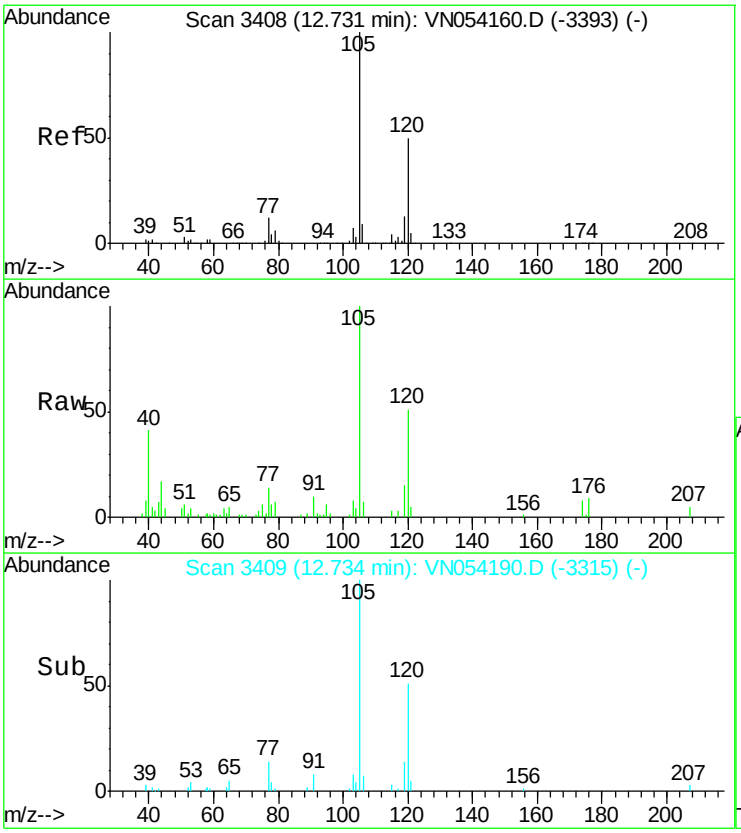
#76
1,2,3-Trichloropropane
Concen: 34.233 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tgt Ion: 75 Resp: 559031

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

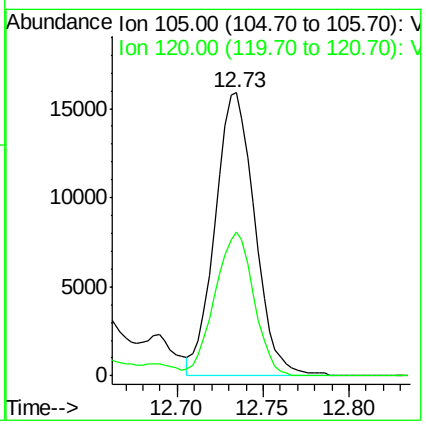


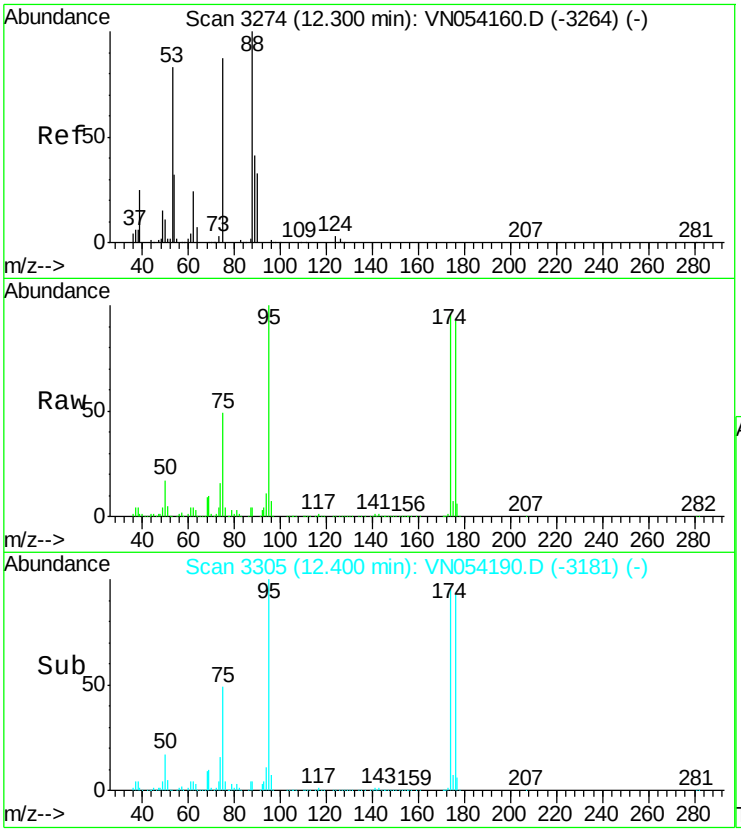


#80
1,3,5-Trimethylbenzene
Concen: 0.347 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion:105 Resp: 25625

Ion	Ratio	Lower	Upper
105	100		
120	49.7	25.0	75.0



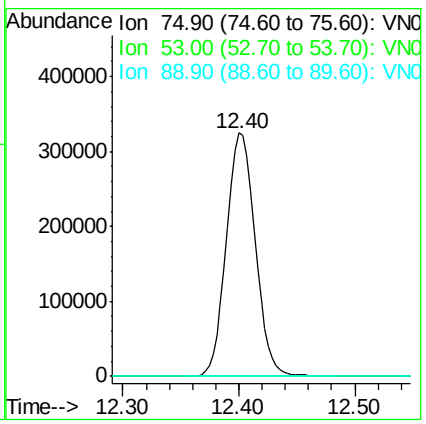


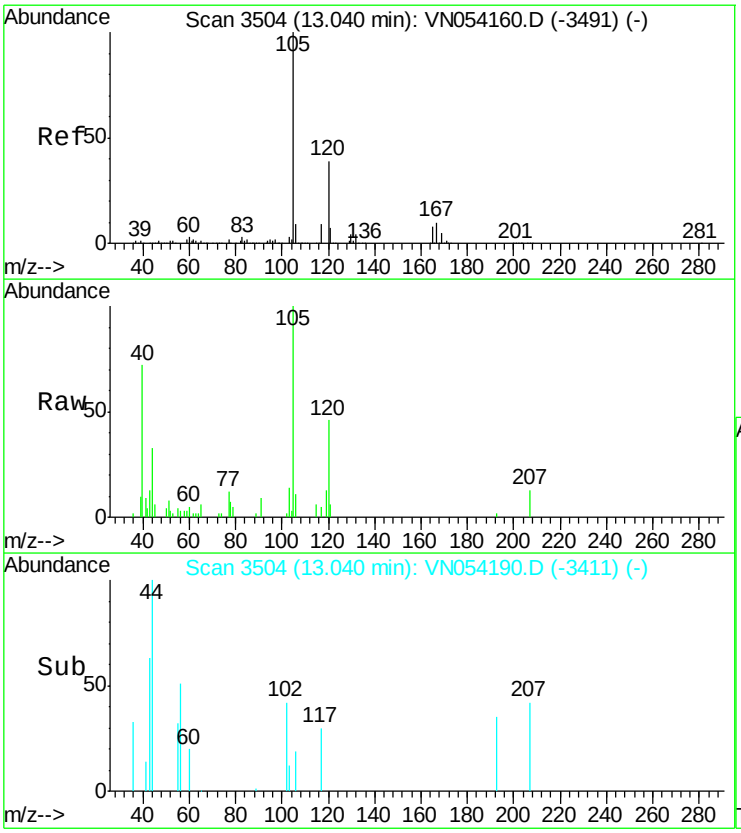
#81
trans-1,4-Dichloro-2-butene
Concen: 117.022 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tgt Ion: 75 Resp: 559031

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.0	39.2	58.8#

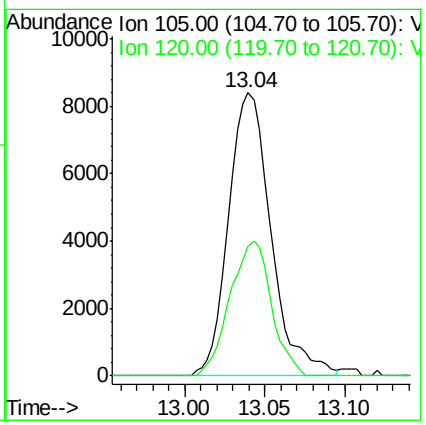


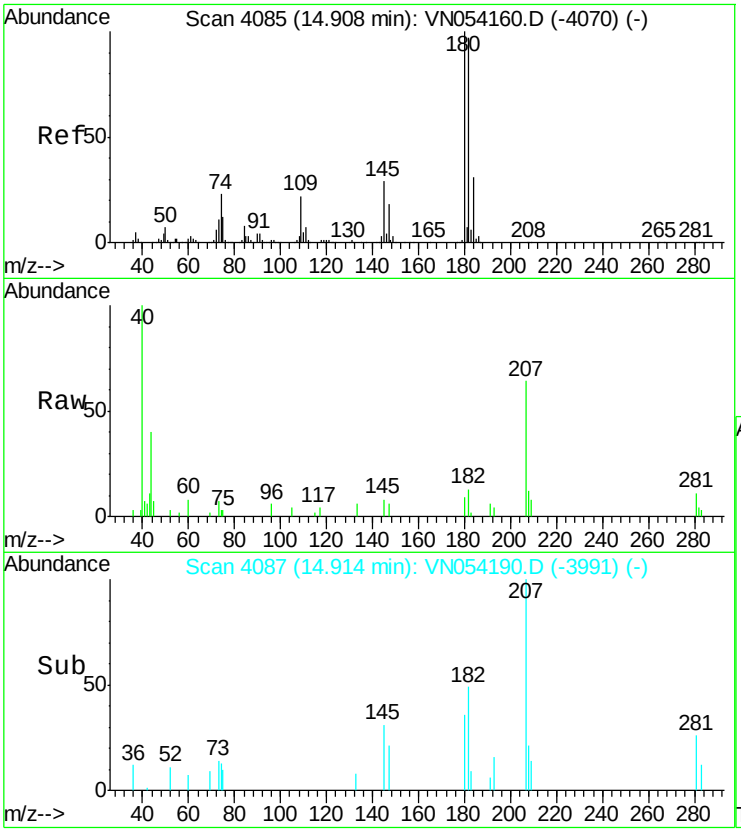


#84
1,2,4-Trimethylbenzene
Concen: 0.210 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion:105 Resp: 15242

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.3



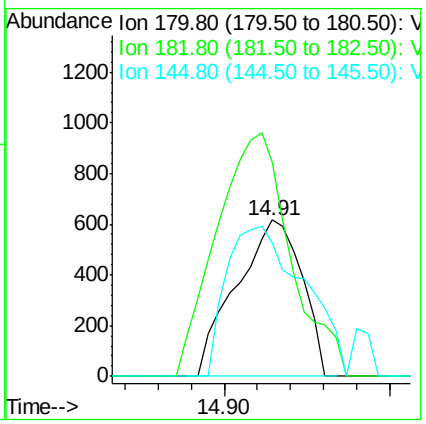


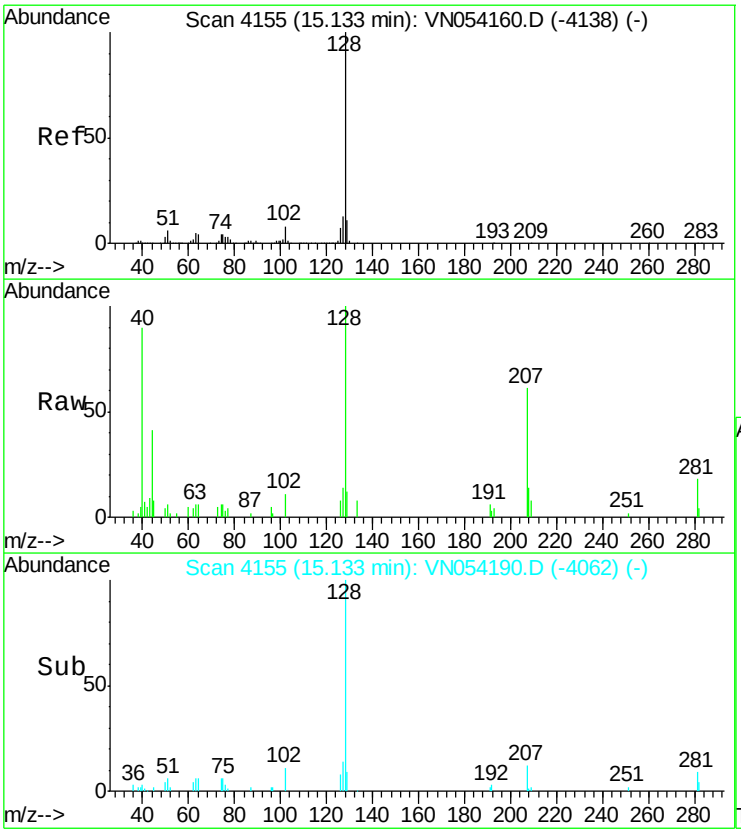
#93
1,2,4-Trichlorobenzene
Concen: 2.551 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

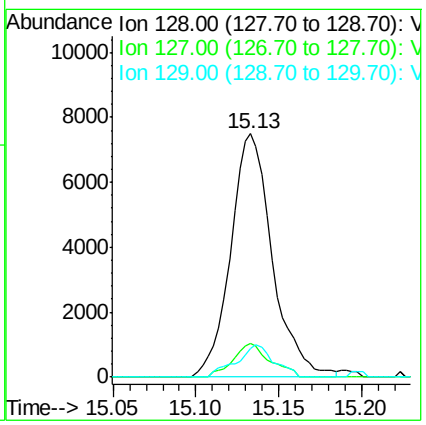
Tgt Ion:180 Resp: 848

Ion	Ratio	Lower	Upper
180	100		
182	175.6	48.0	144.2#
145	113.1	14.2	42.8#





#95
Naphthalene
Concen: 3.720 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054190.D
Acq: 13 Mar 2019 3:55

Tgt Ion:128 Resp: 13086

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.1	15.1
129	11.9	8.7	13.1