Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054173.D
Acq On : 12 Mar 2019 19:34
Operator : JC/SP
Sample : K1837-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MR-MH-08-COMP

Quant Time: Mar 13 07:28:18 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	1504216	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	2534815	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	2559511	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1045045	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	821102	51.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.80%				
35) Dibromofluoromethane	7.59	113	787846	48.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.38%				
50) Toluene-d8	10.09	98	3127787	51.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.60%				
62) 4-Bromofluorobenzene	12.40	95	1146304	54.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.52%				
Target Compounds							Qvalue
10) Methyl Iodide	3.93	142	306	1.510	ug/l	#	7
11) Tert butyl alcohol	4.82	59	718	0.656	ug/l	#	94
13) Acrolein	3.62	56	443	0.427	ug/l	#	21
16) Acetone	3.82	43	69705	15.240	ug/l		100
20) Methylene Chloride	4.55	84	23357	1.555	ug/l	#	93
25) 2-Butanone	6.86	43	8307	1.547	ug/l		92
29) Tetrahydrofuran	7.23	42	4922	1.426	ug/l	#	50
31) Cyclohexane	7.67	56	23035	Below Cal		#	16
36) 1,1-Dichloropropene	7.67	75	92843	3.977	ug/l	#	49
38) Carbon Tetrachloride	7.66	117	124896	5.102	ug/l	#	16
43) Isopropyl Acetate	8.17	43	41044	1.743	ug/l		98
48) Methyl methacrylate	9.18	41	15163	1.269	ug/l	#	22
49) 1,4-Dioxane	9.27	88	295	1.746	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	13888	1.115	ug/l	#	36
53) t-1,3-Dichloropropene	10.38	75	848	2.018	ug/l	#	22
54) cis-1,3-Dichloropropene	9.90	75	129687	4.953	ug/l	#	61
57) 1,3-Dichloropropane	10.77	76	16574	0.655	ug/l	#	44
58) 2-Chloroethyl Vinyl ether	9.70	63	95	16.839	ug/l	#	44
59) 2-Hexanone	10.77	43	229293	27.658	ug/l	#	50
71) Bromoform	12.41	173	6960	2.777	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	553843	36.039	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	553843	123.198	ug/l	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	3052	2.648	ug/l		95
95) Naphthalene	15.13	128	6050	3.593	ug/l	#	86

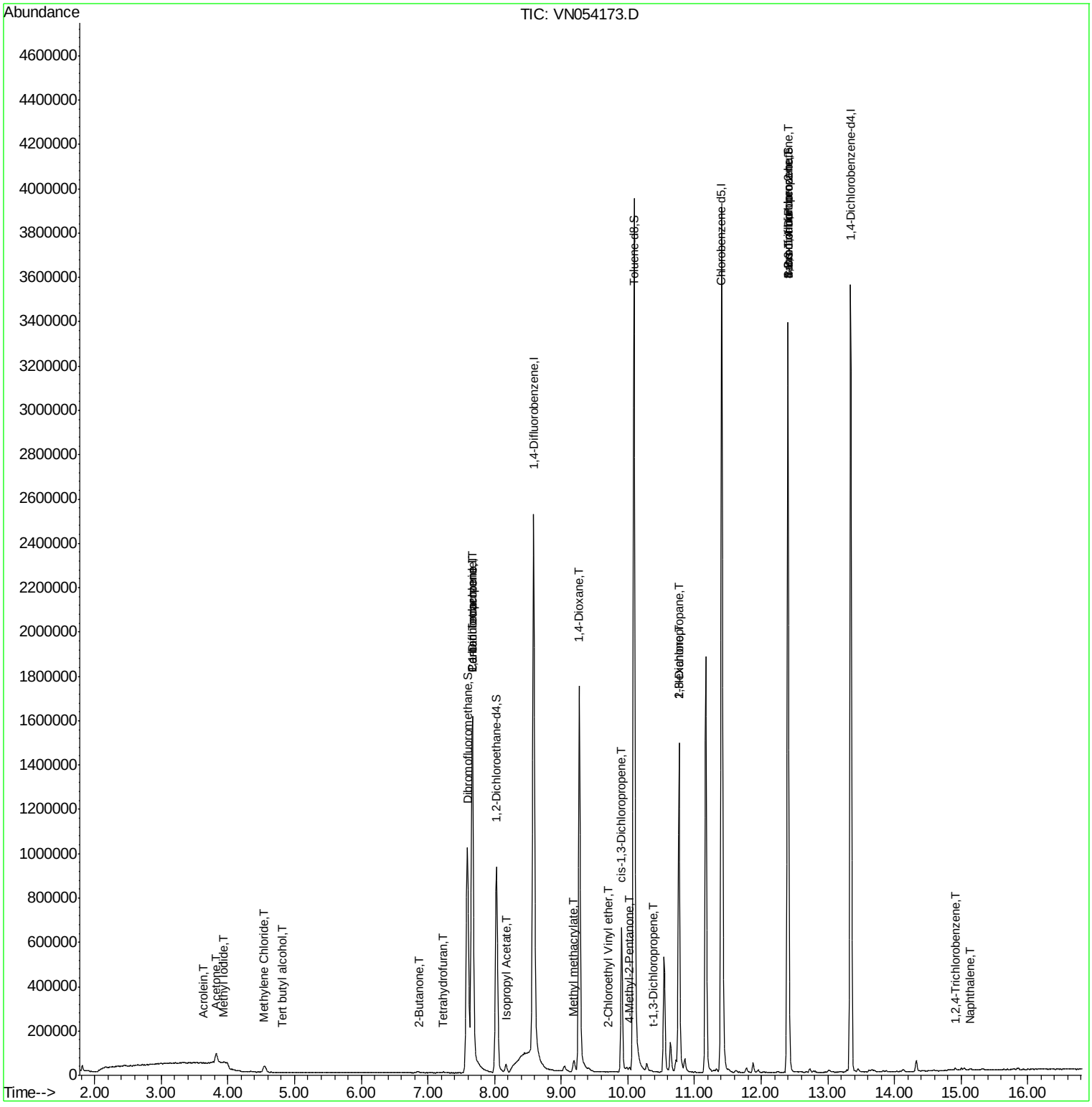
(#) = qualifier out of range (m) = manual integration (+) = signals summed

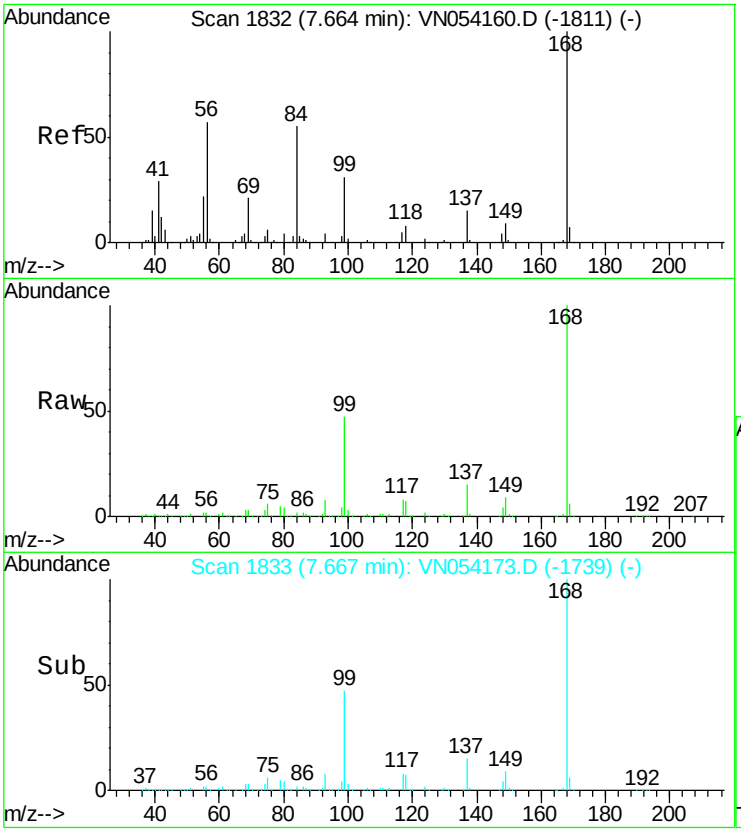
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054173.D
Acq On : 12 Mar 2019 19:34
Operator : JC/SP
Sample : K1837-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MR-MH-08-COMP

Quant Time: Mar 13 07:28:18 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



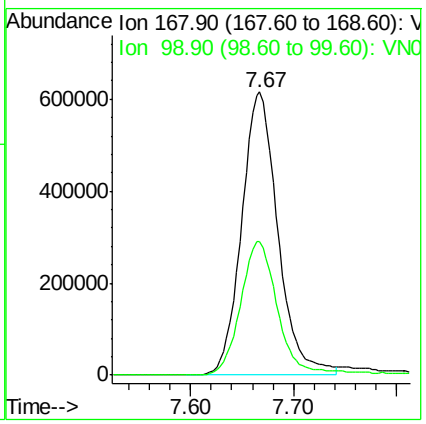


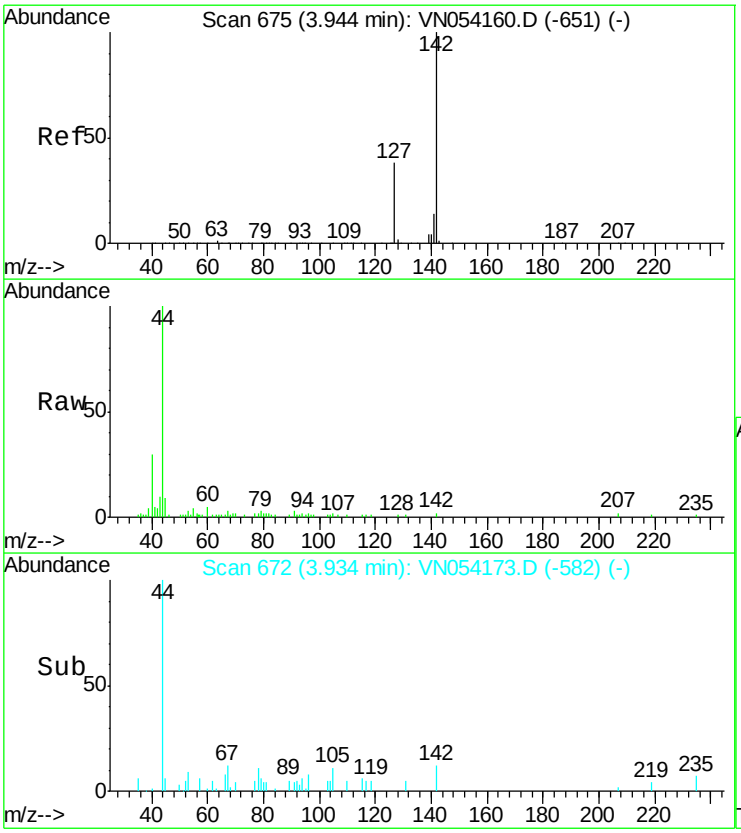
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:168 Resp: 1504216

Ion	Ratio	Lower	Upper
168	100		
99	47.2	37.1	55.7

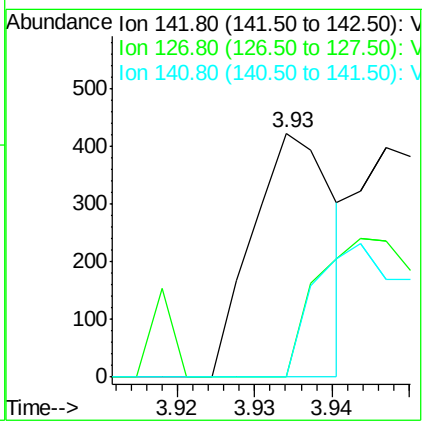


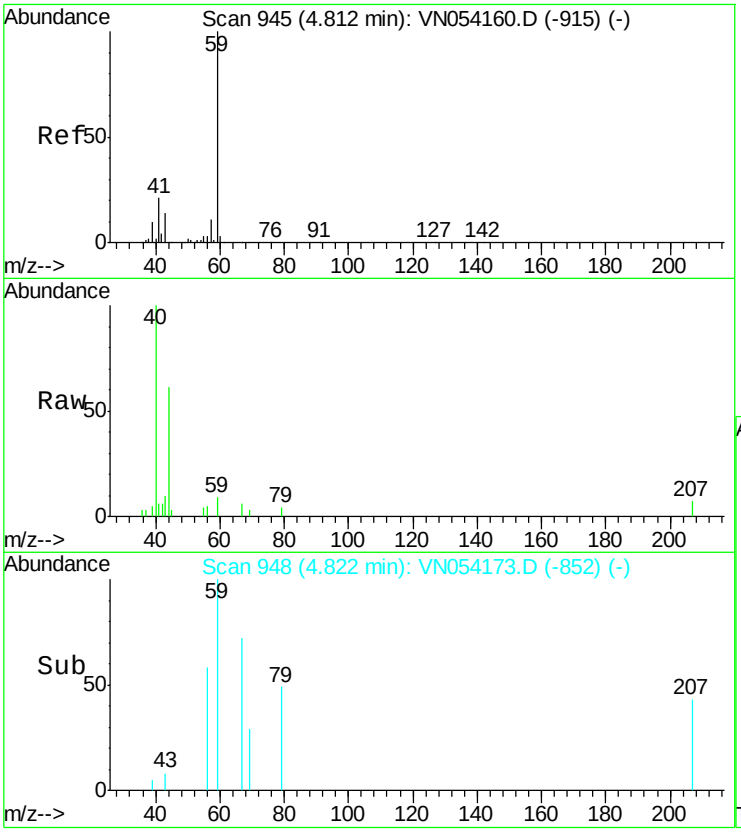


#10
Methyl Iodide
Concen: 1.510 ug/l
RT: 3.93 min Scan# 672
Delta R.T. -0.01 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion:142 Resp: 306

Ion	Ratio	Lower	Upper
142	100		
127	84.6	30.3	45.5#
141	69.0	11.2	16.8#



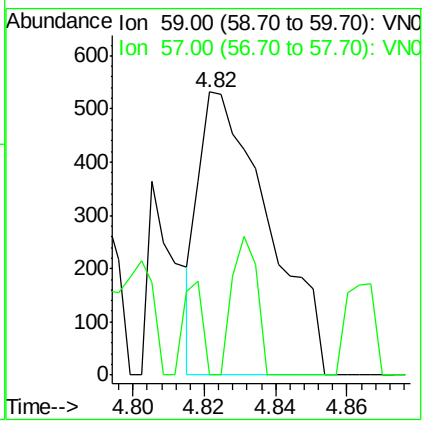


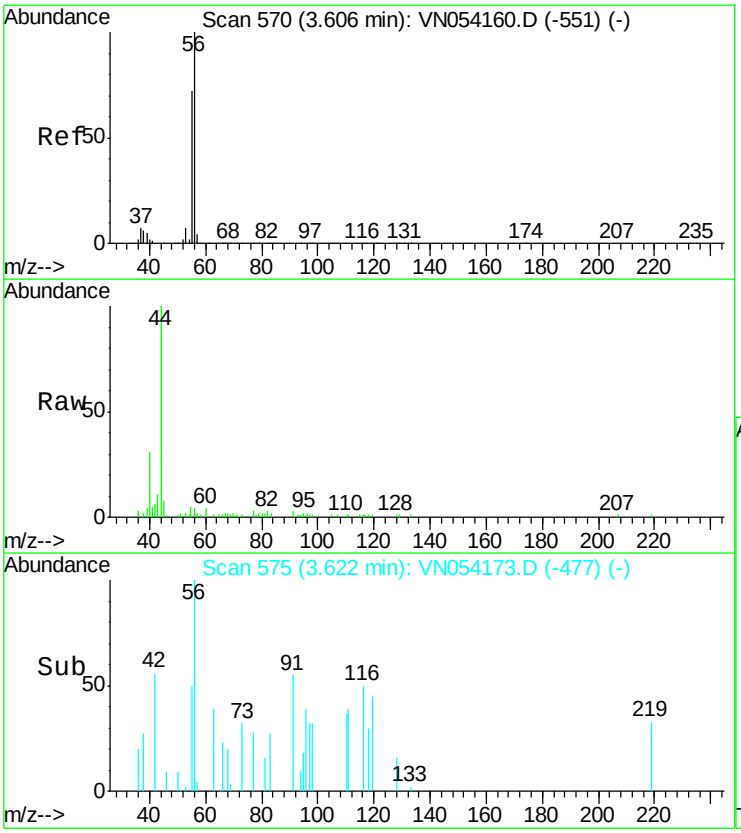
#11
Tert butyl alcohol
Concen: 0.656 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.01 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 59 Resp: 718

Ion	Ratio	Lower	Upper
59	100		
57	8.9	9.0	13.6#

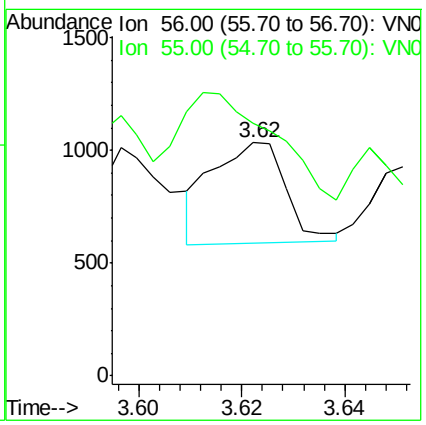


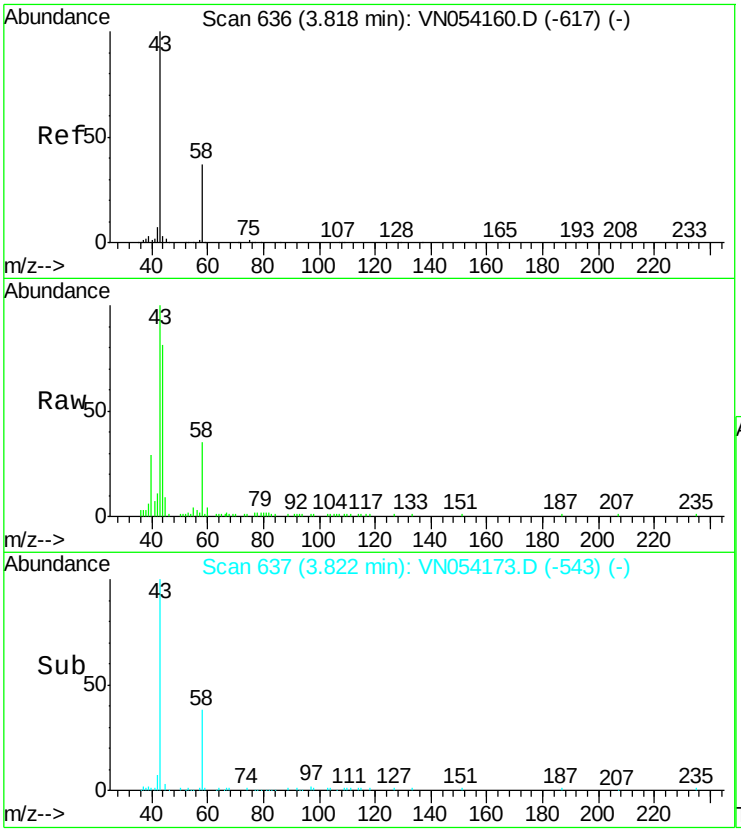


#13
Acrolein
Concen: 0.427 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.02 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 56 Resp: 443

Ion	Ratio	Lower	Upper
56	100		
55	136.3	56.7	85.1#



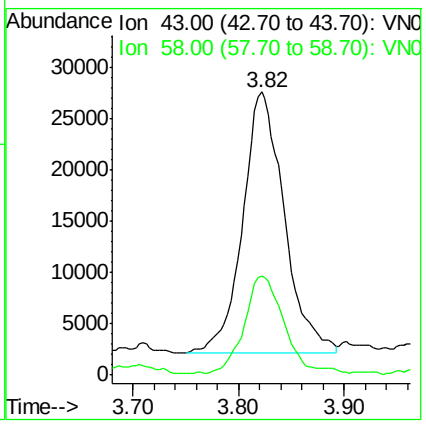


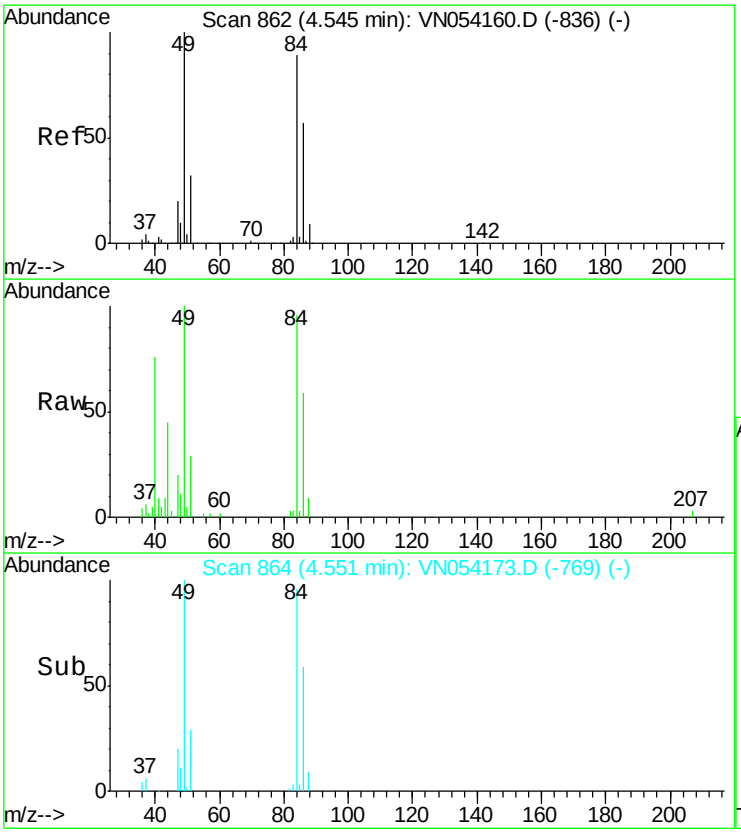
#16
Acetone
Concen: 15.240 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 43 Resp: 69705

Ion	Ratio	Lower	Upper
43	100		
58	37.2	29.9	44.9

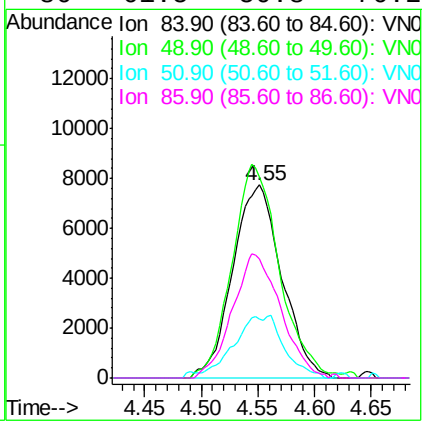


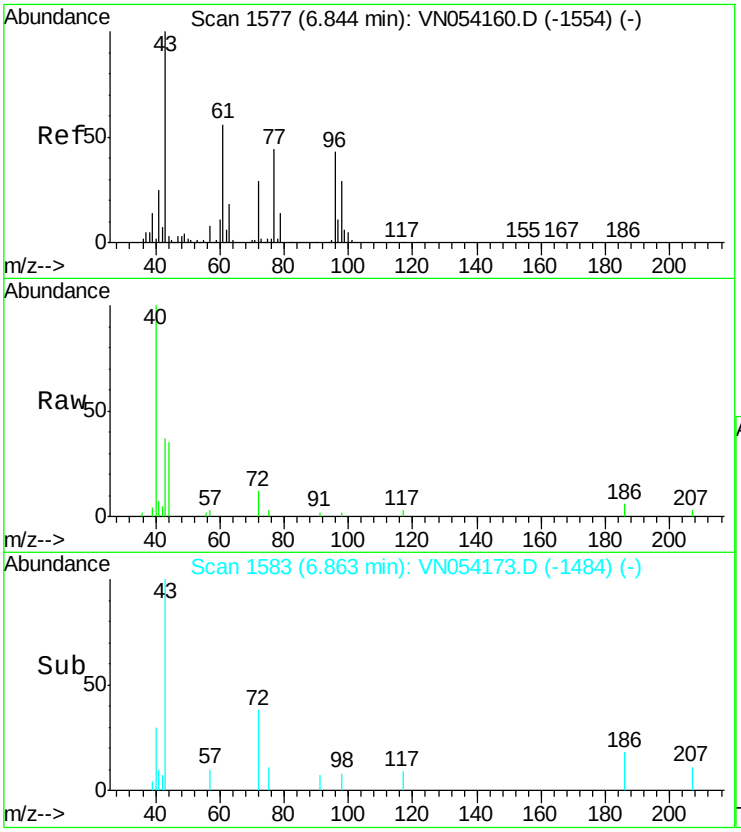


#20
Methylene Chloride
Concen: 1.555 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 84 Resp: 23357

Ion	Ratio	Lower	Upper
84	100		
49	103.7	89.7	134.5
51	27.9	28.2	42.4#
86	61.5	50.8	76.2



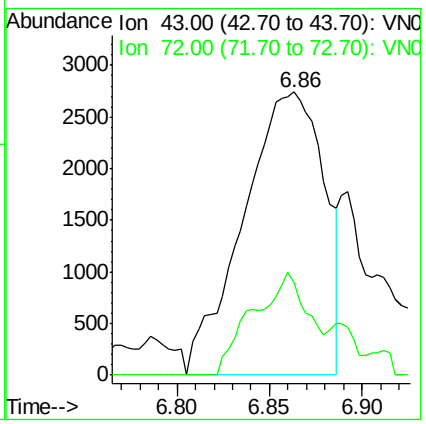


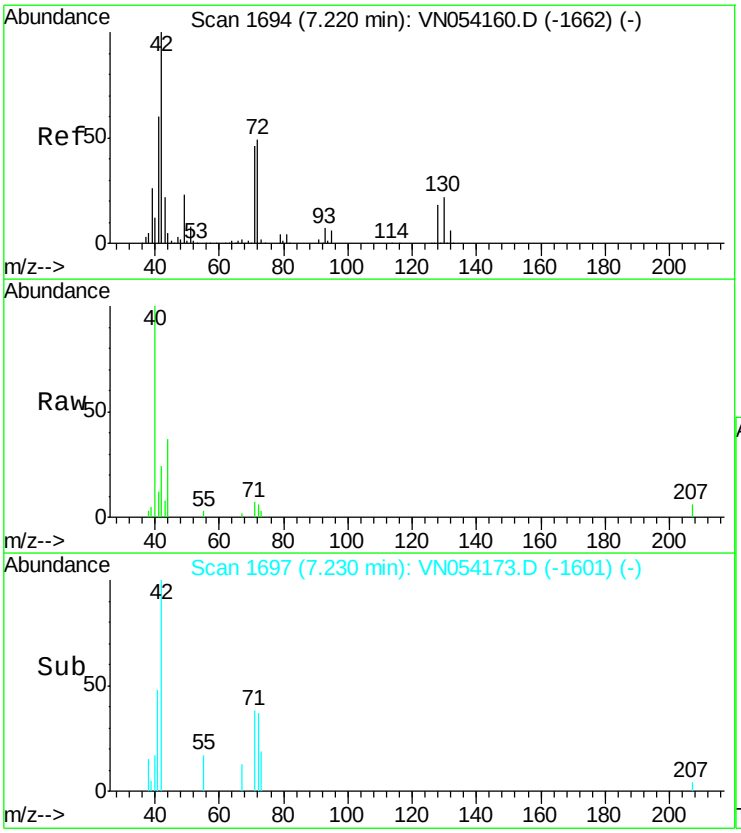
#25
2-Butanone
Concen: 1.547 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument : MSVOA_N
ClientSampleId : MR-MH-08-COMP

Tgt Ion: 43 Resp: 8307

Ion	Ratio	Lower	Upper
43	100		
72	32.9	23.0	34.6

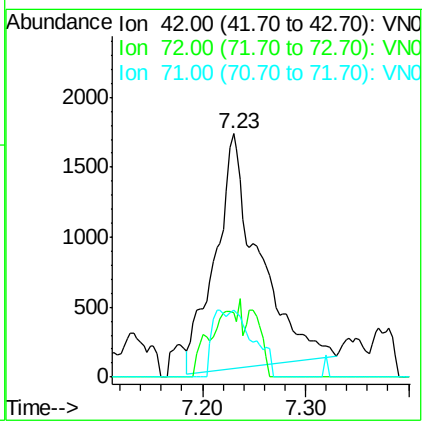


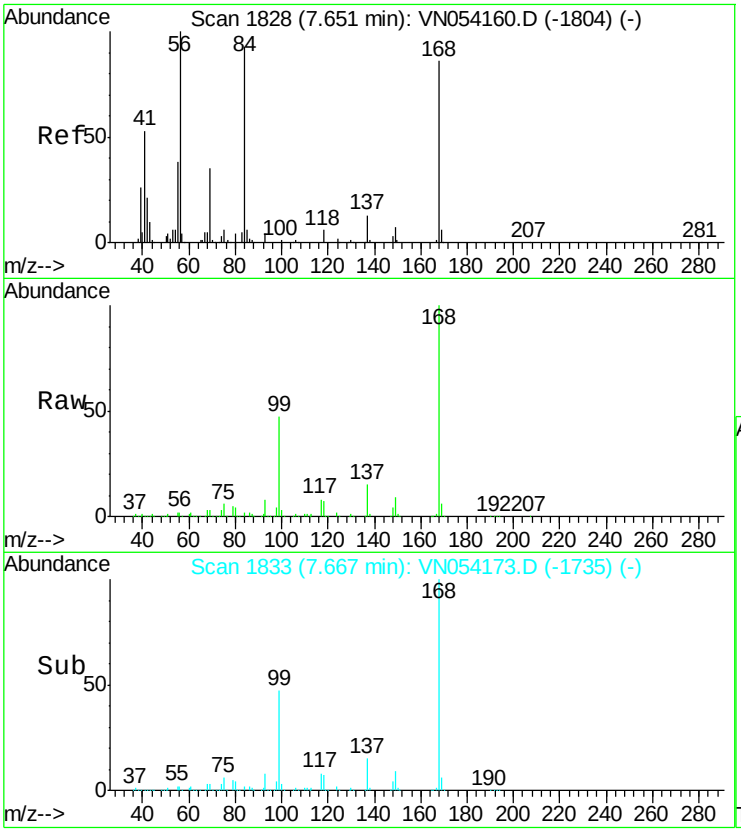


#29
Tetrahydrofuran
Concen: 1.426 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 42 Resp: 4922

Ion	Ratio	Lower	Upper
42	100		
72	16.3	37.8	56.6#
71	9.8	36.2	54.2#



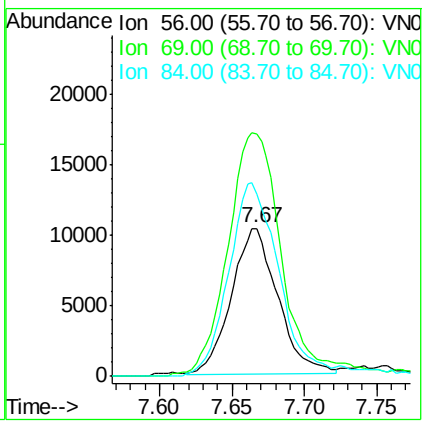


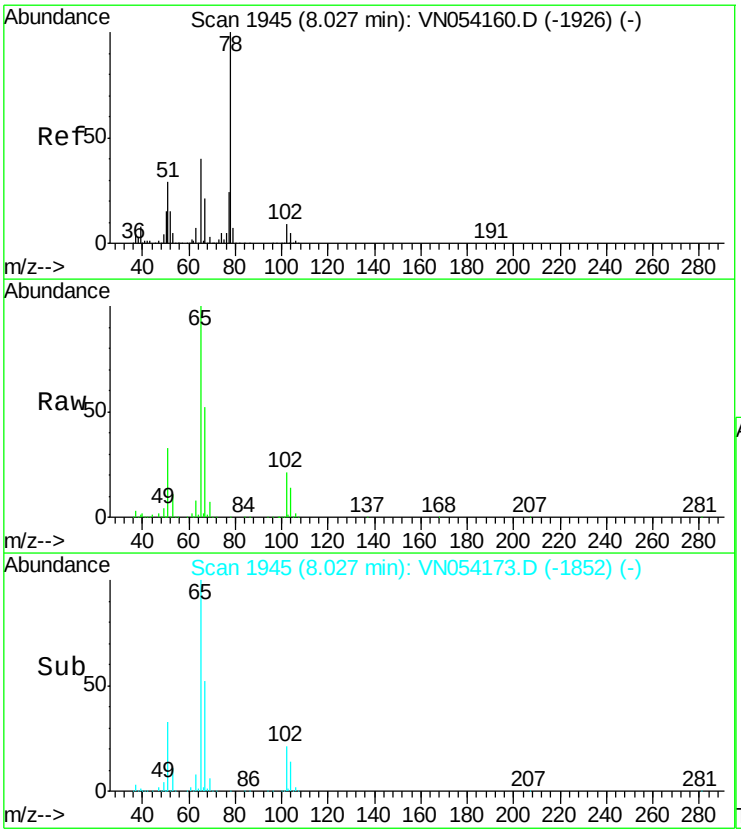
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument : MSVOA_N
ClientSampleId : MR-MH-08-COMP

Tgt Ion: 56 Resp: 23035

Ion	Ratio	Lower	Upper
56	100		
69	164.4	27.8	41.6#
84	124.0	74.6	111.8#

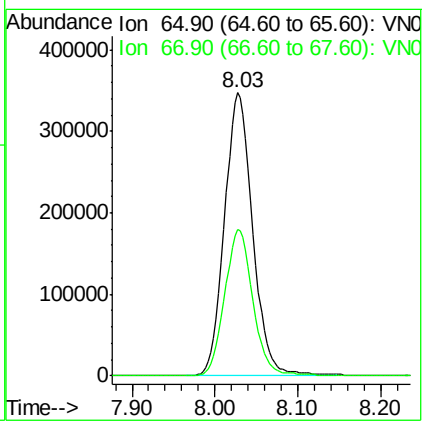


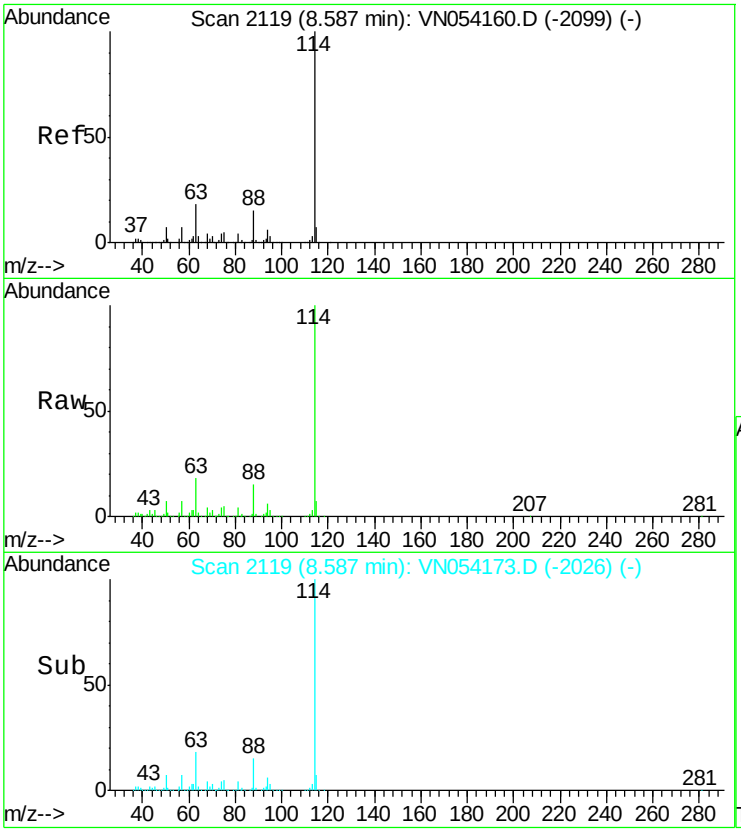


#33
1,2-Dichloroethane-d4
Concen: 51.400 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 65 Resp: 821102

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.6



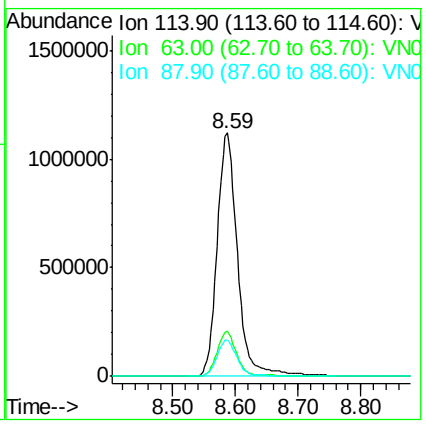


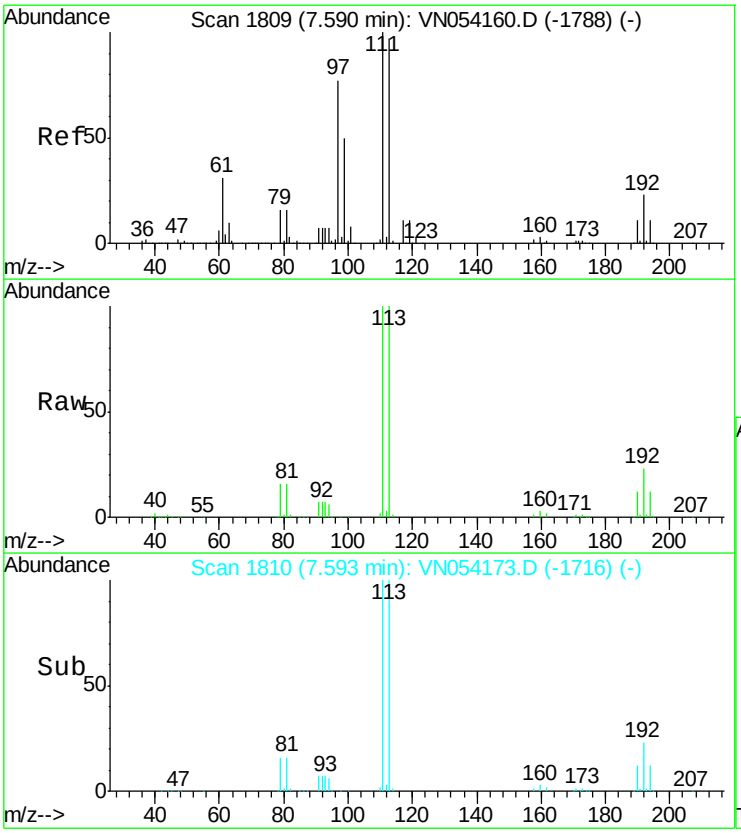
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument : MSVOA_N
ClientSampleId : MR-MH-08-COMP

Tgt Ion:114 Resp: 2534815

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.2
88	14.9	0.0	30.2

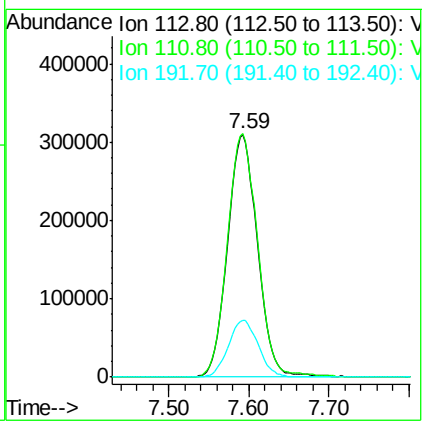


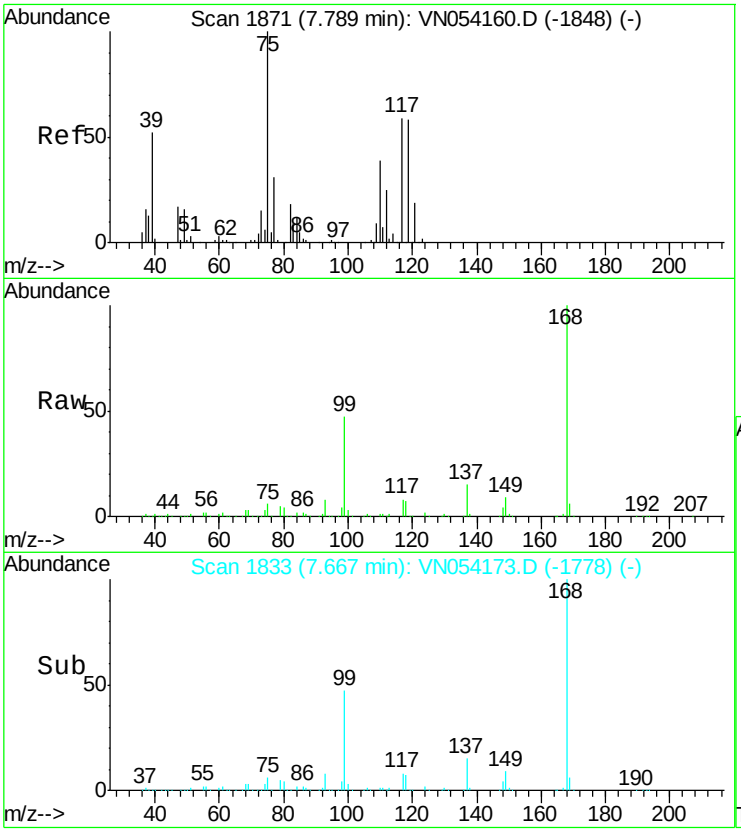


#35
Dibromofluoromethane
Concen: 48.191 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion:113 Resp: 787846

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	23.4	19.2	28.8



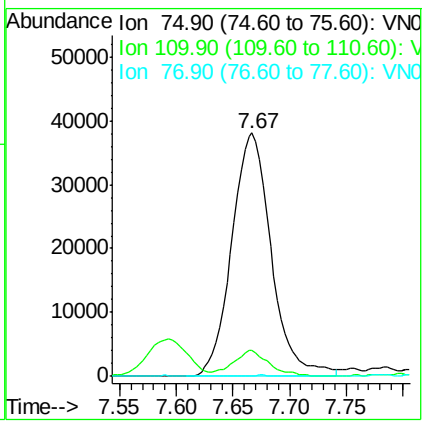


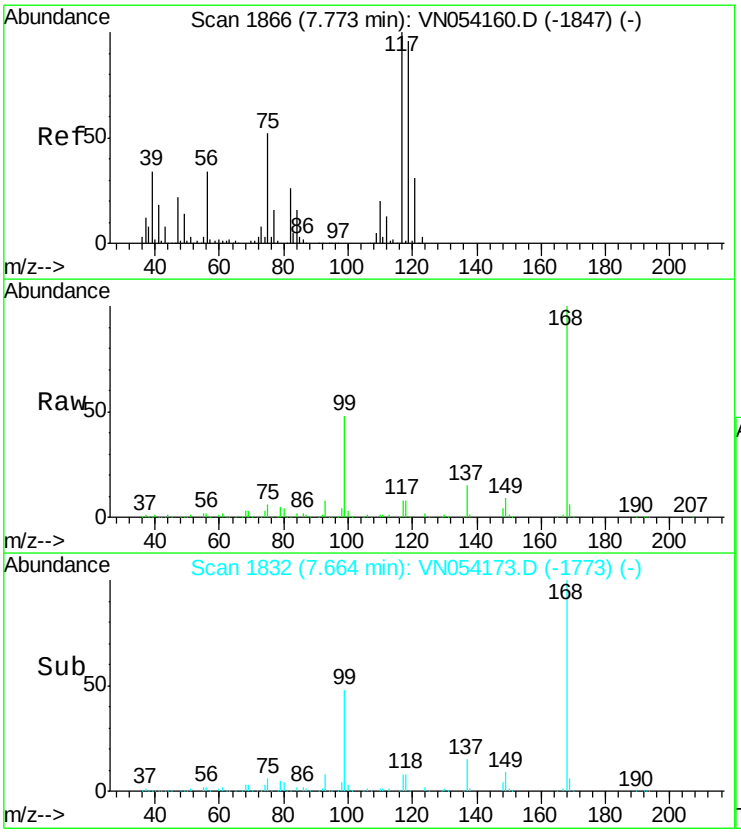
#36
1,1-Dichloropropene
Concen: 3.977 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.12 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 75 Resp: 92843

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.1	57.5#
77	0.1	25.0	37.4#

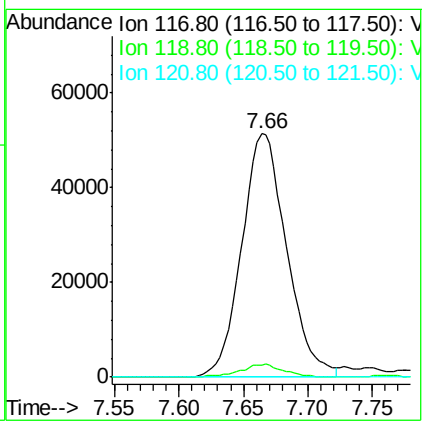


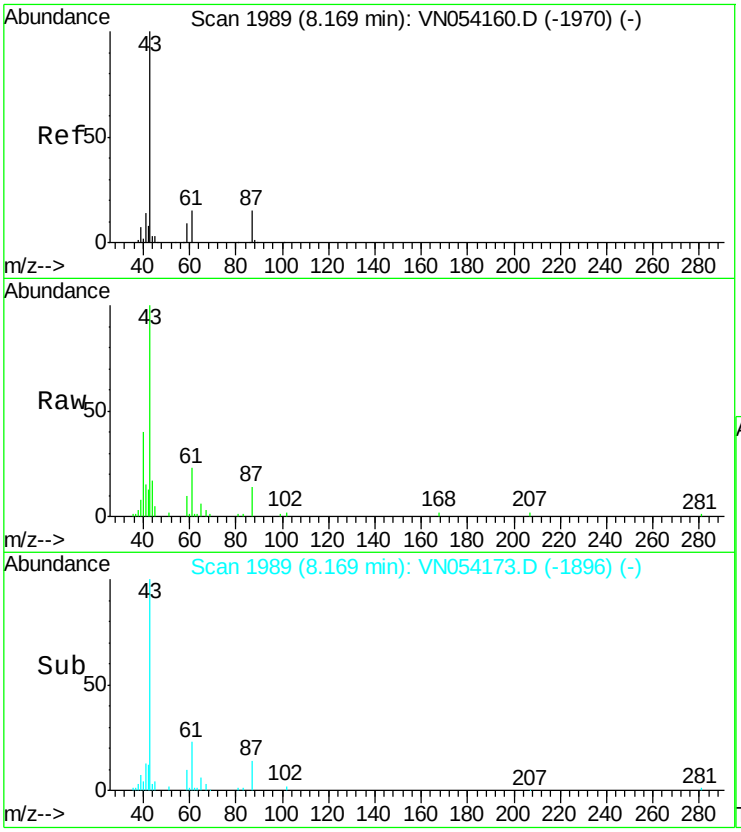


#38
Carbon Tetrachloride
Concen: 5.102 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion:117 Resp: 124896

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.3	114.5#
121	0.0	24.6	36.8#



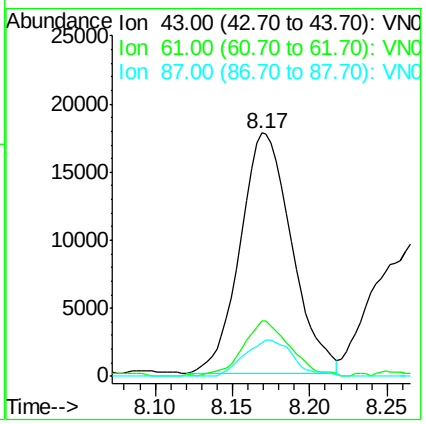


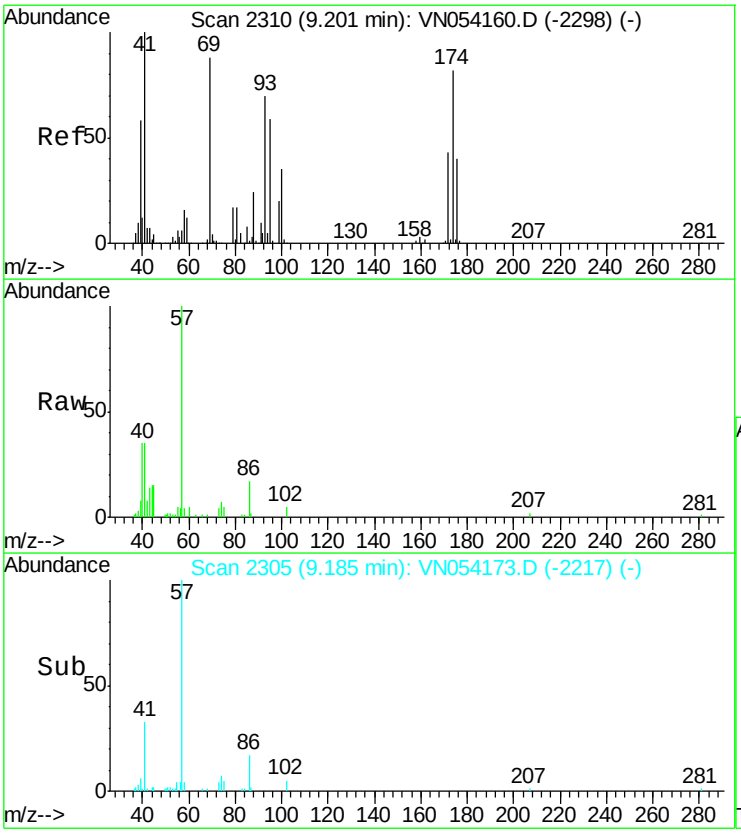
#43
Isopropyl Acetate
Concen: 1.743 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument : MSVOA_N
ClientSampleId : MR-MH-08-COMP

Tgt Ion: 43 Resp: 41044

Ion	Ratio	Lower	Upper
43	100		
61	21.1	15.8	23.8
87	14.2	12.0	18.0

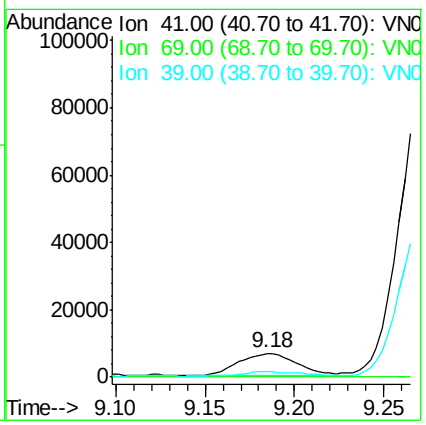


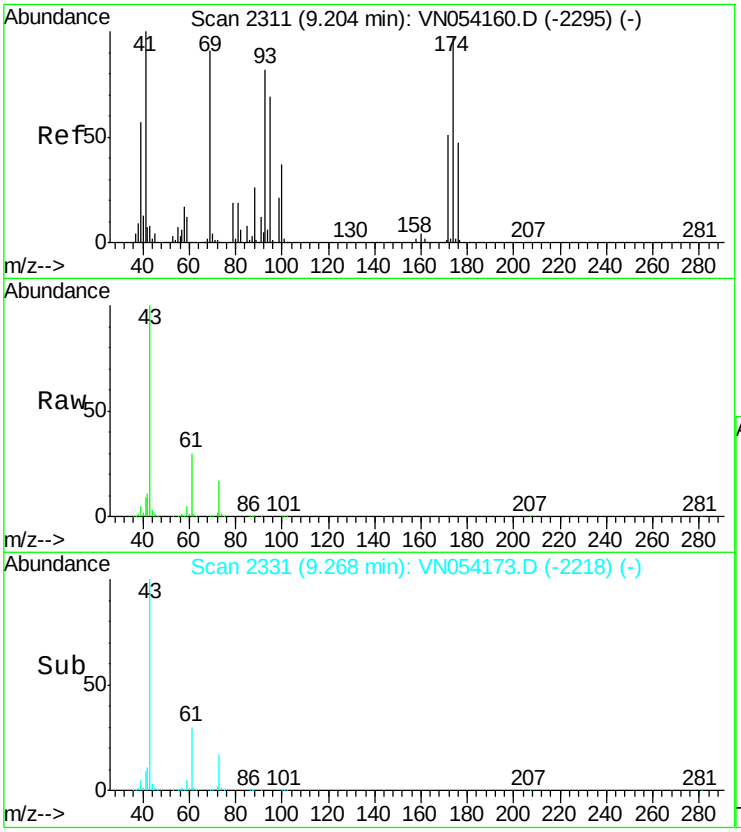


#48
Methyl methacrylate
Concen: 1.269 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 41 Resp: 15163

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.6	108.8#
39	21.0	47.5	71.3#



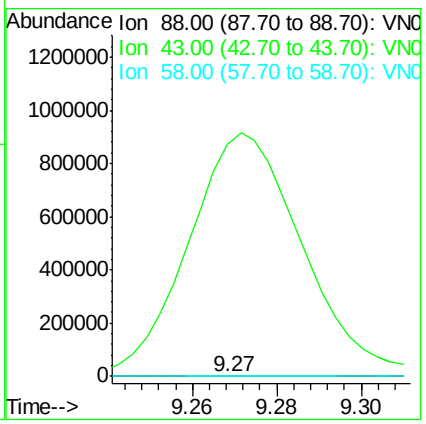


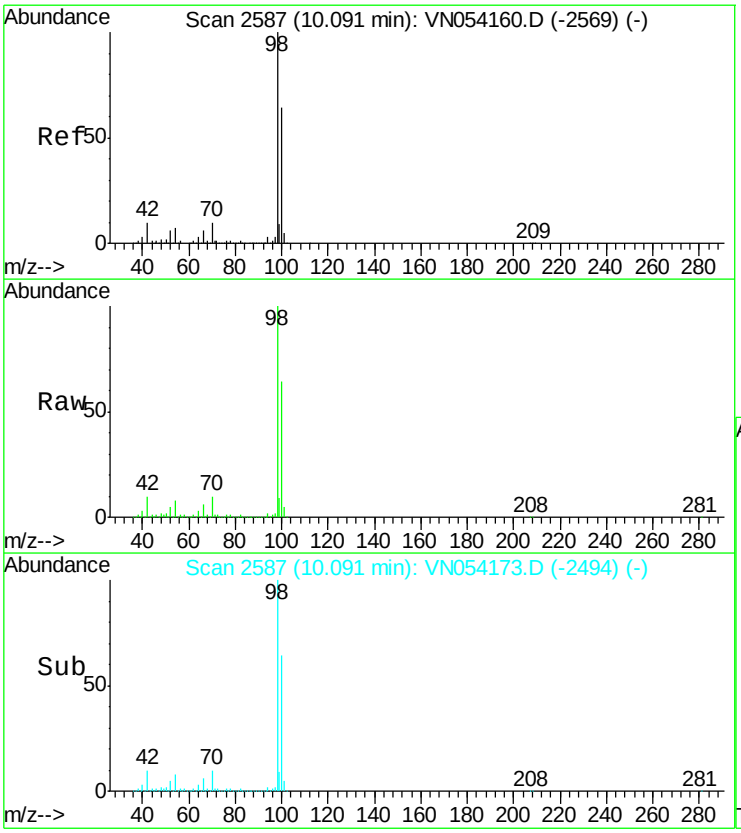
#49
1,4-Dioxane
Concen: 1.746 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 88 Resp: 295

Ion	Ratio	Lower	Upper
88	100		
43	611774.2	24.1	36.1#
58	2661.4	50.8	76.2#

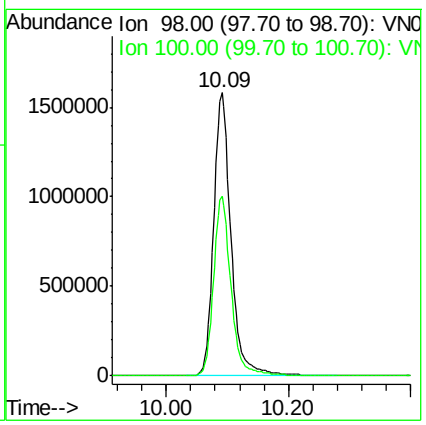


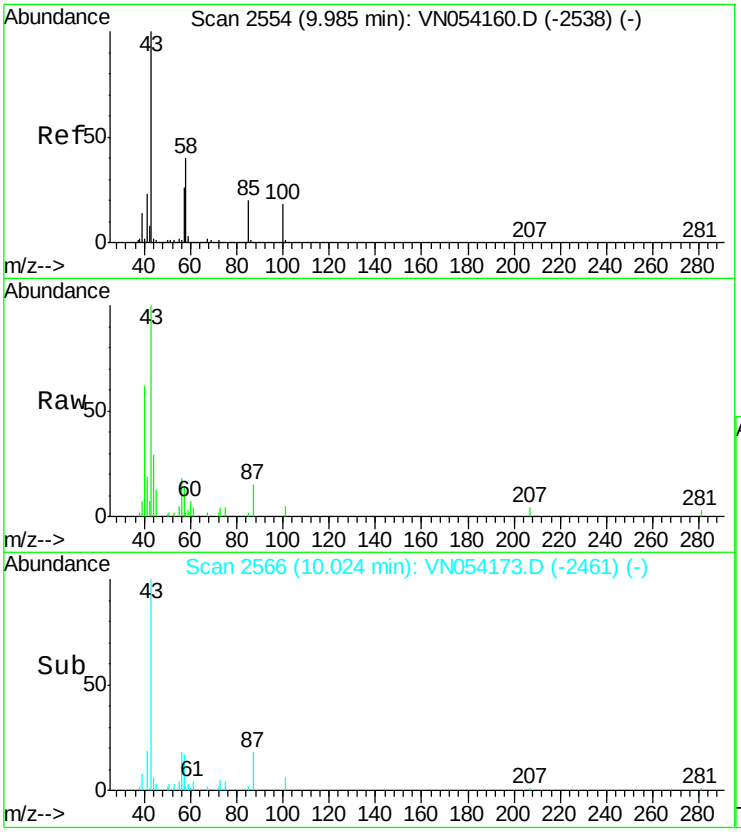


#50
Toluene-d8
Concen: 51.804 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 98 Resp: 3127787

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8



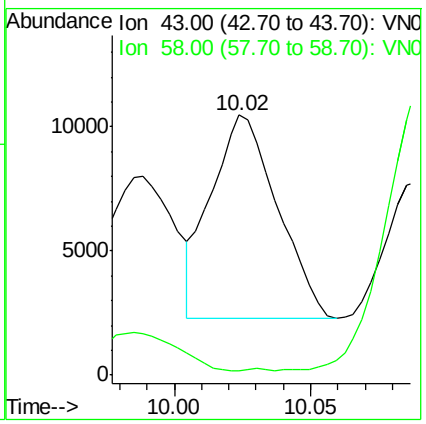


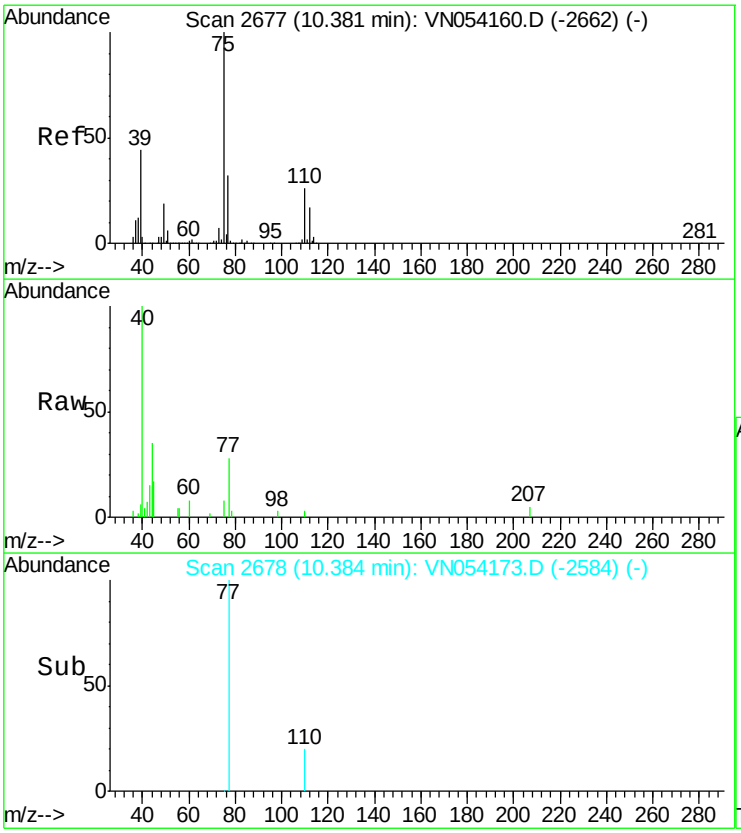
#51
4-Methyl-2-Pentanone
Concen: 1.115 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 43 Resp: 13888

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#

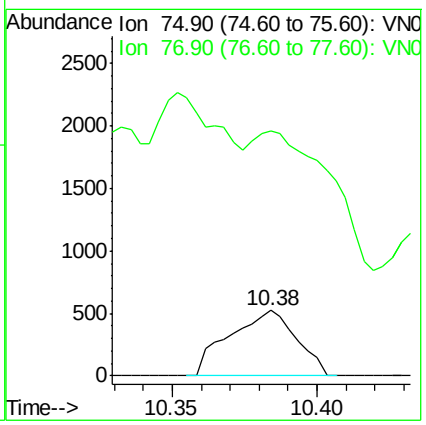


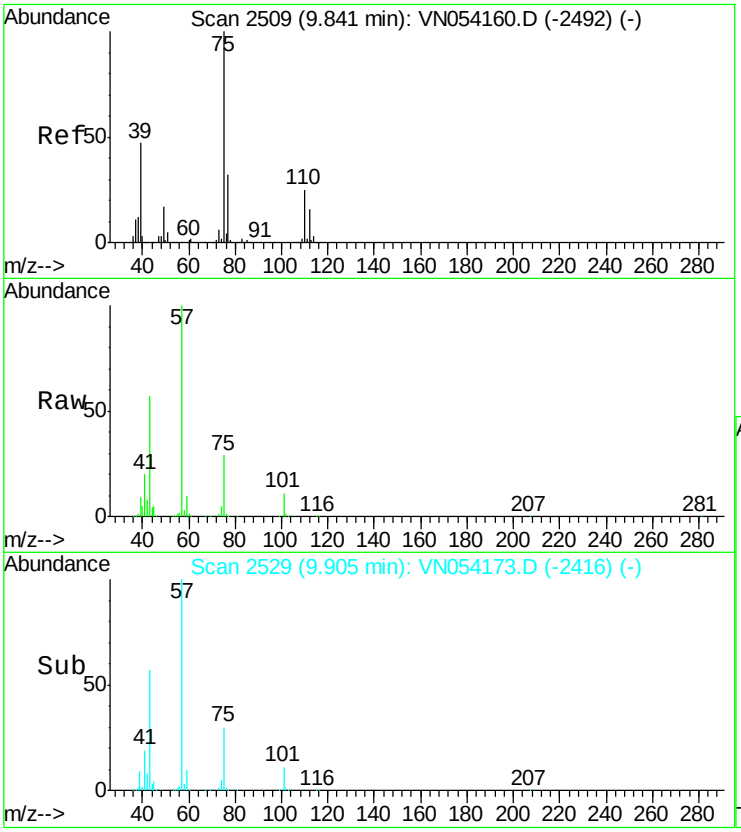


#53
t-1,3-Dichloropropene
Concen: 2.018 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 75 Resp: 848

Ion	Ratio	Lower	Upper
75	100		
77	75.7	25.8	38.8#



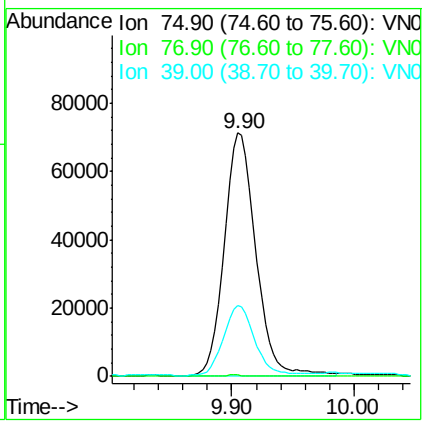


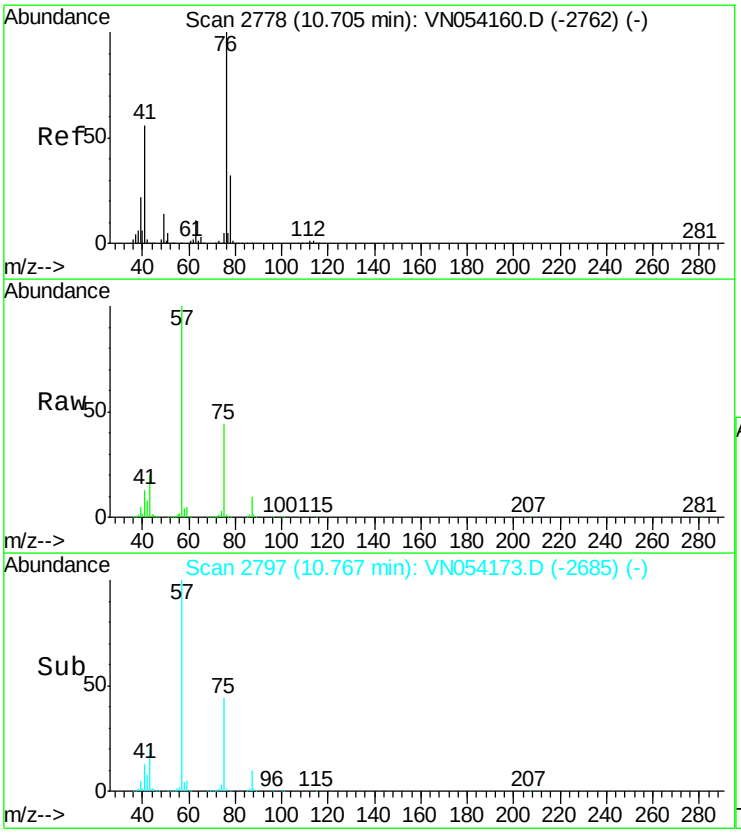
#54
cis-1,3-Dichloropropene
Concen: 4.953 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 75 Resp: 129687

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.4	38.0#
39	28.7	37.2	55.8#

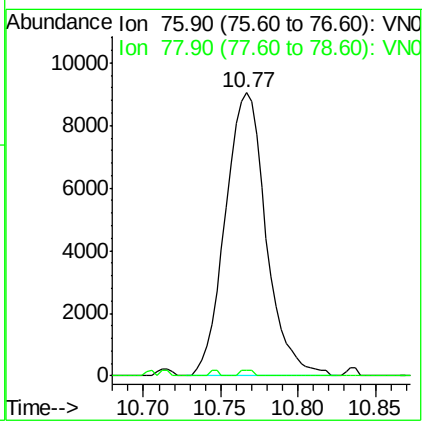


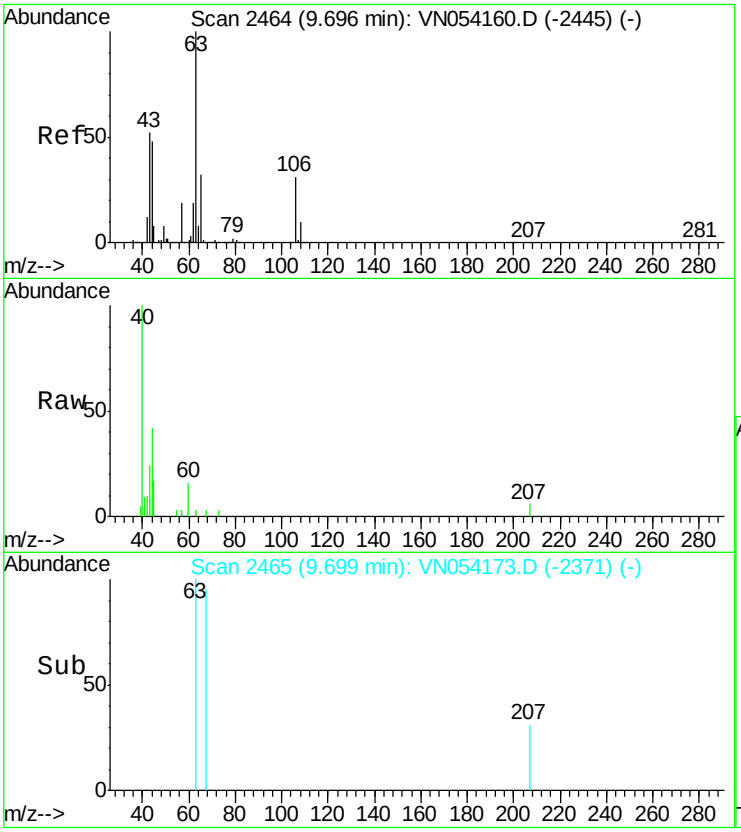


#57
1,3-Dichloropropane
Concen: 0.655 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 76 Resp: 16574

Ion	Ratio	Lower	Upper
76	100		
78	0.6	25.7	38.5#



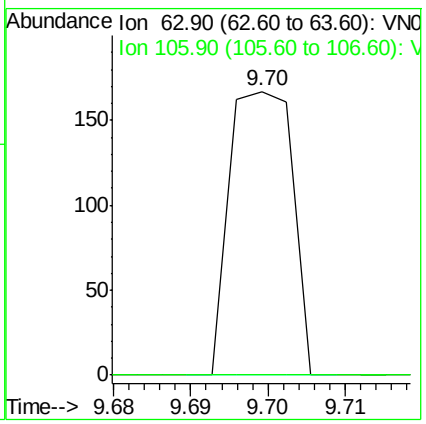


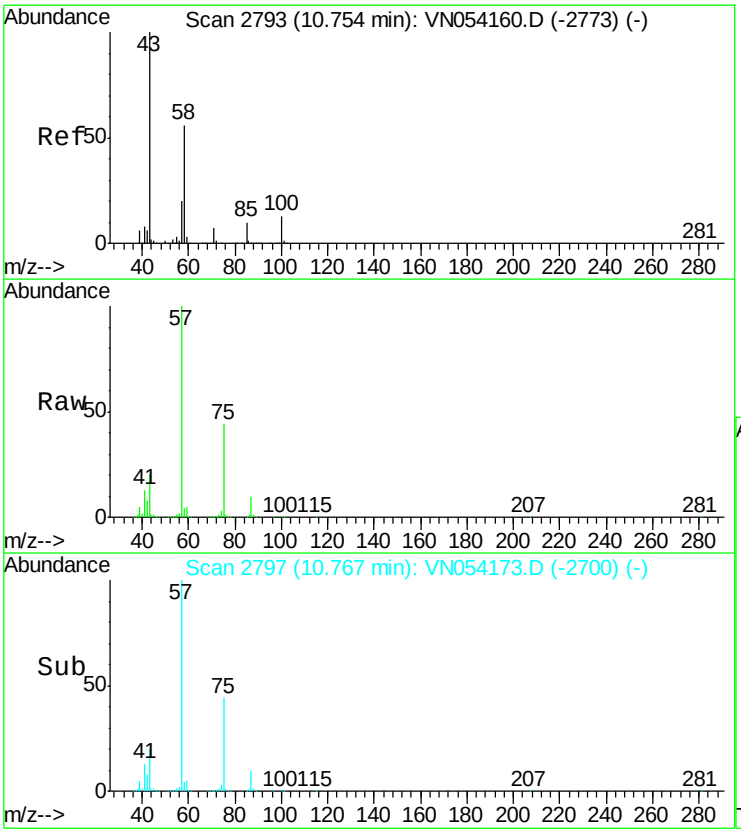
#58
2-Chloroethyl Vinyl ether
Concen: 16.839 ug/l
RT: 9.70 min Scan# 2465
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument : MSVOA_N
ClientSampleId : MR-MH-08-COMP

Tgt Ion: 63 Resp: 95

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.4	36.6#

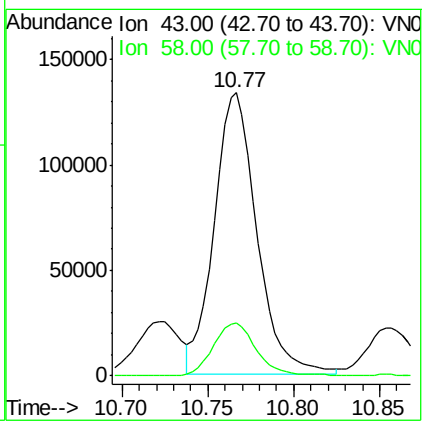


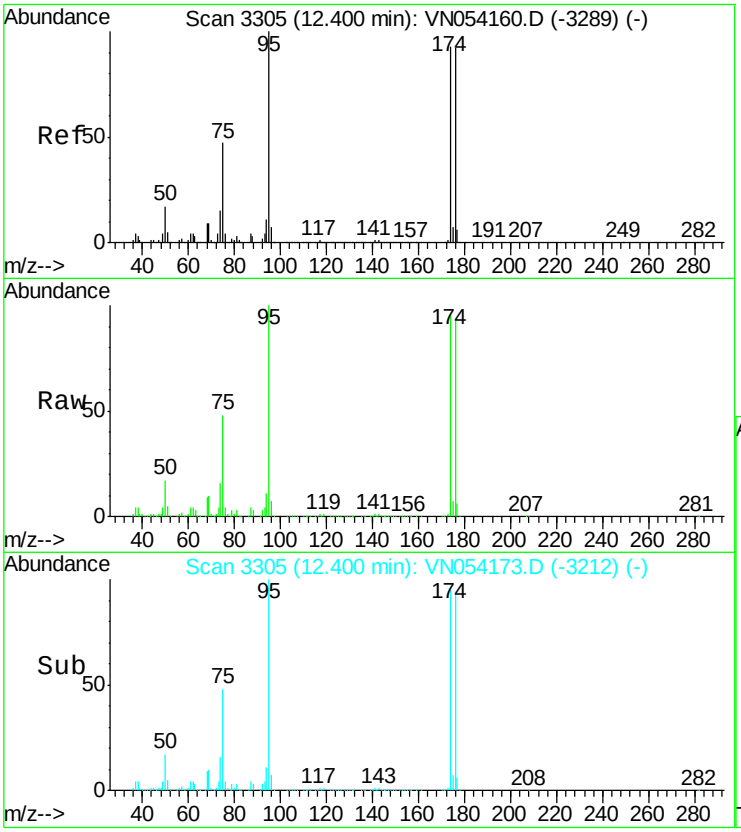


#59
2-Hexanone
Concen: 27.658 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 43 Resp: 229293

Ion	Ratio	Lower	Upper
43	100		
58	19.3	28.0	83.9#



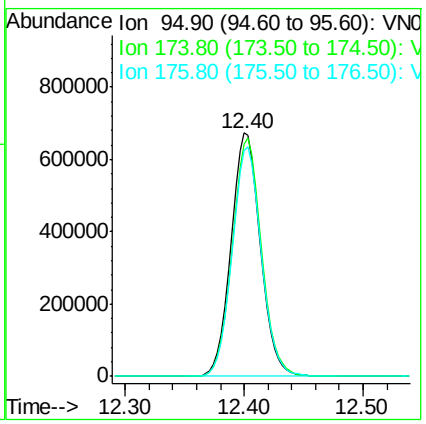


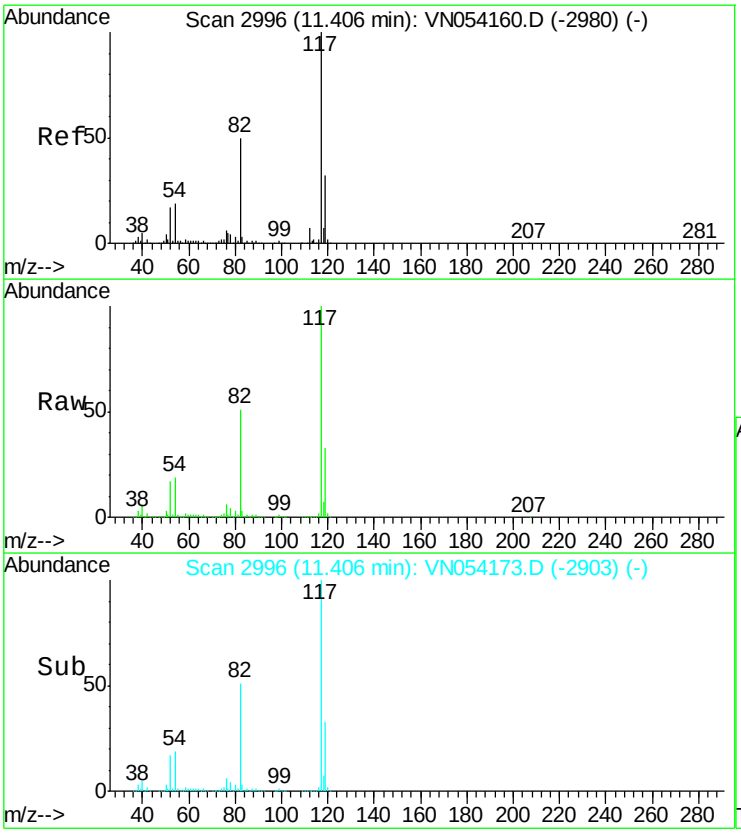
#62
4-Bromofluorobenzene
Concen: 54.260 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 95 Resp: 1146304

Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	191.0
176	94.1	0.0	187.4

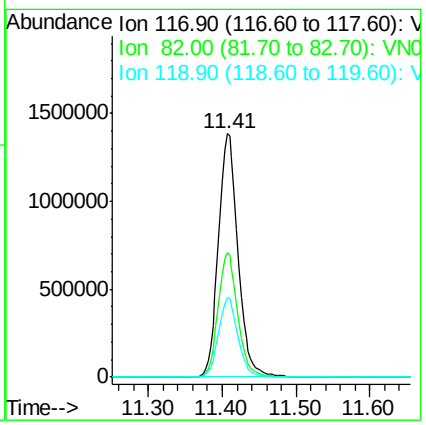


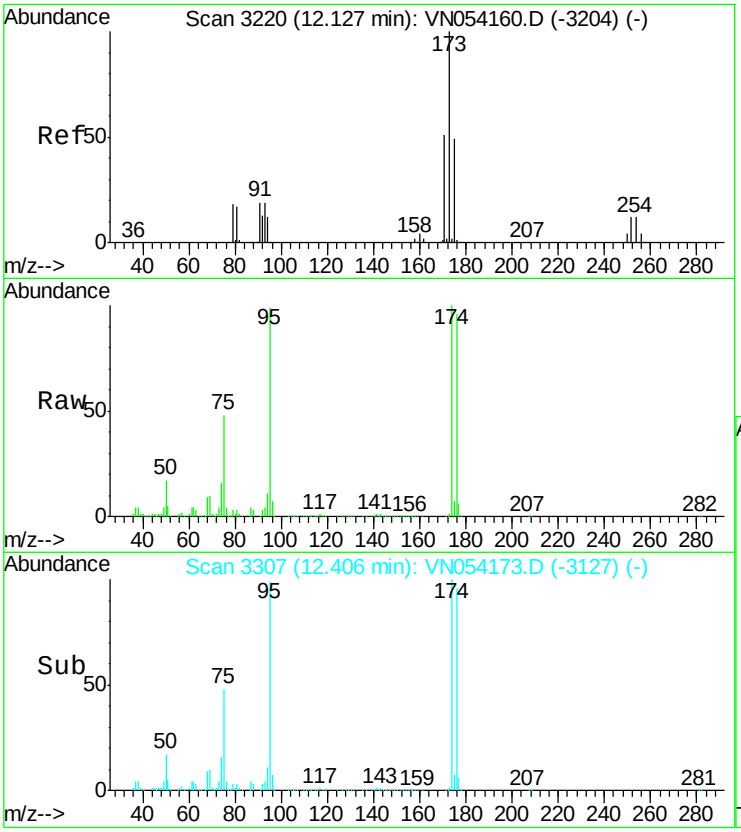


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion:117 Resp: 2559511

Ion	Ratio	Lower	Upper
117	100		
82	51.3	40.0	60.0
119	32.6	25.8	38.6



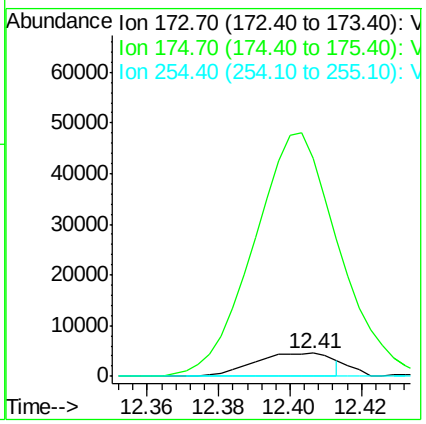


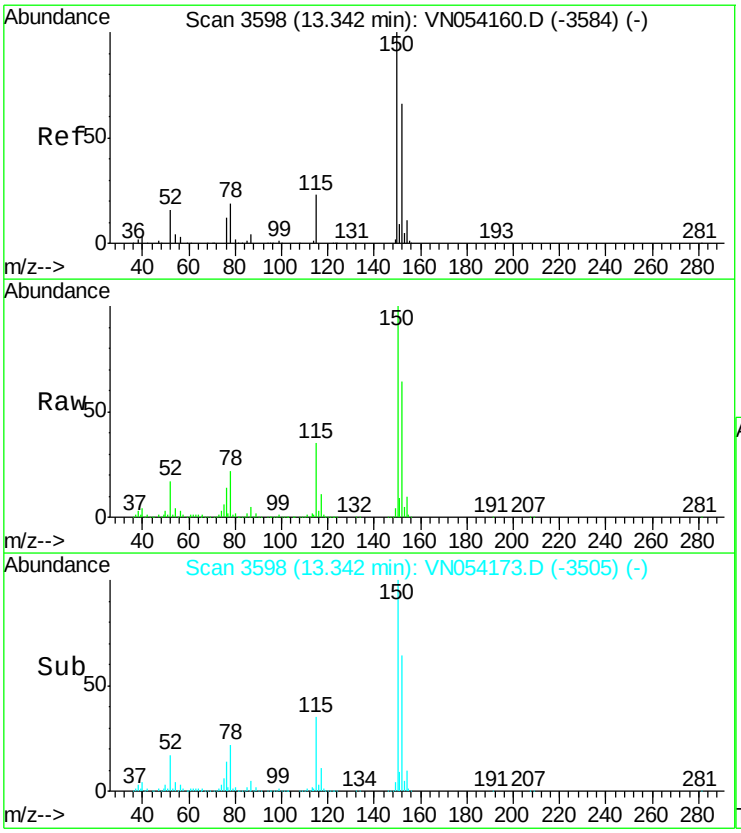
#71
Bromoform
Concen: 2.777 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:173 Resp: 6960

Ion	Ratio	Lower	Upper
173	100		
175	986.8	24.4	73.2#
254	0.0	0.1	0.1#

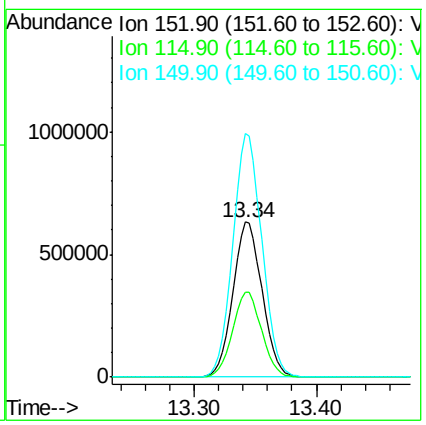


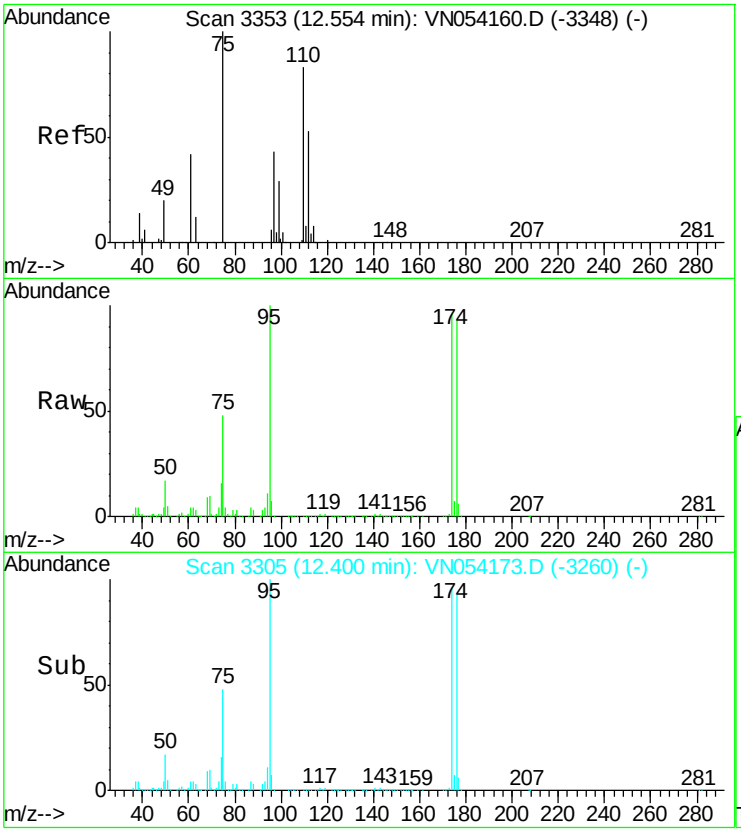


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion:152 Resp: 1045045

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.2	81.6
150	156.3	0.0	349.2



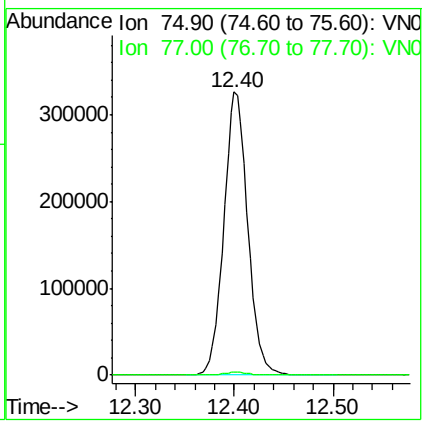


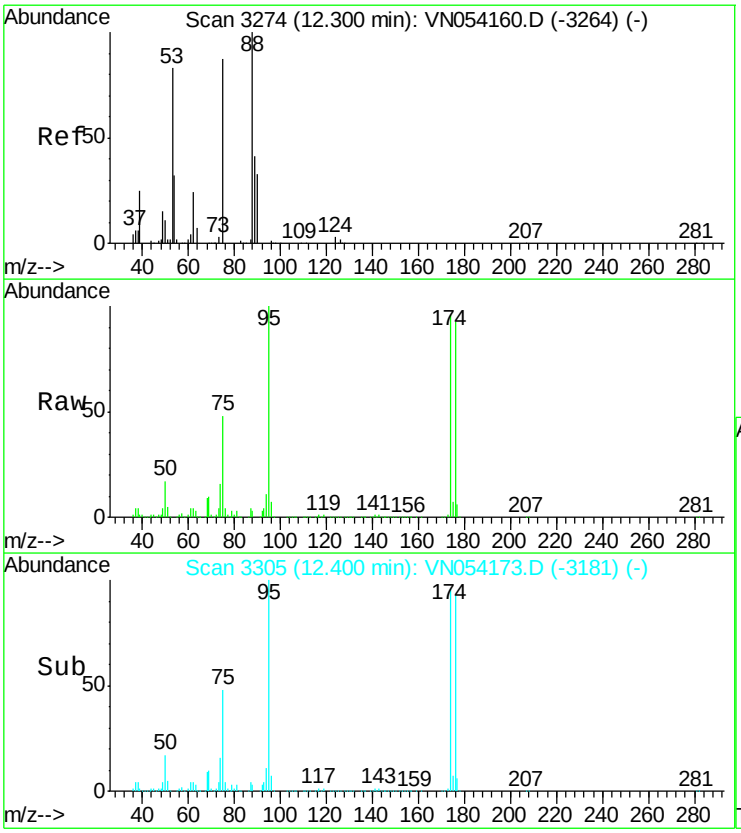
#76
1,2,3-Trichloropropane
Concen: 36.039 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 75 Resp: 553843

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

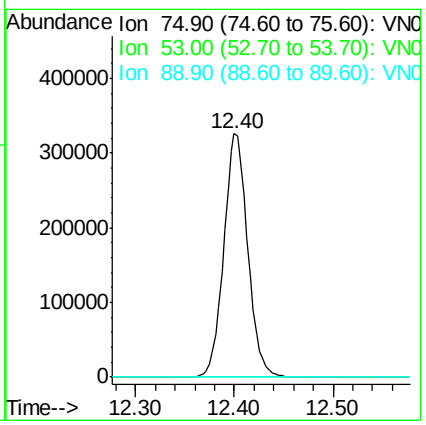


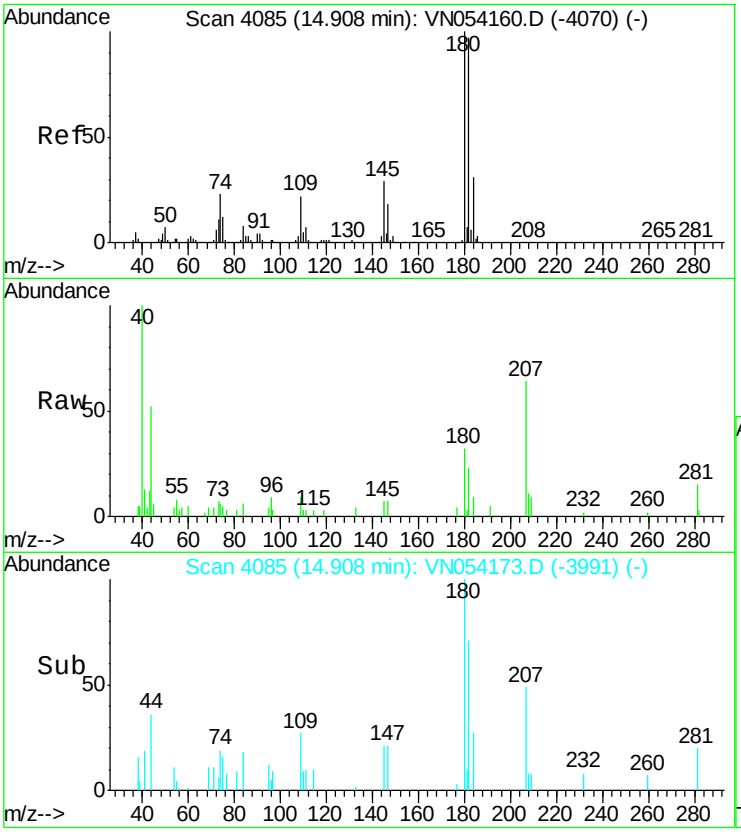


#81
trans-1,4-Dichloro-2-butene
Concen: 123.198 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 75 Resp: 553843

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



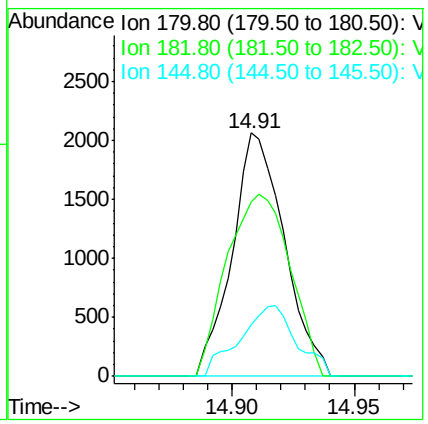


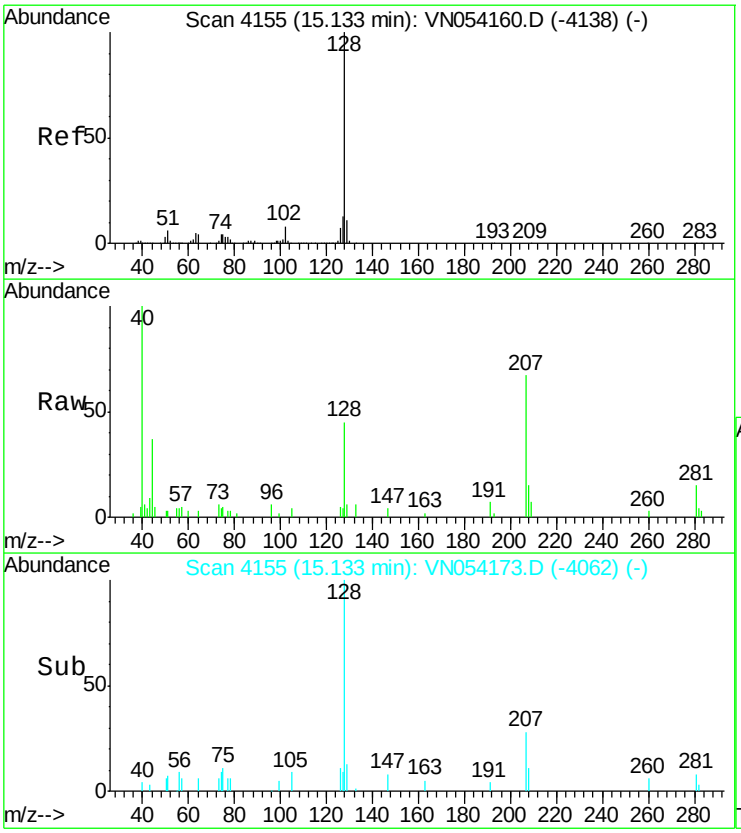
#93
1,2,4-Trichlorobenzene
Concen: 2.648 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:180 Resp: 3052

Ion	Ratio	Lower	Upper
180	100		
182	91.3	48.0	144.2
145	31.6	14.2	42.8





#95
Naphthalene
Concen: 3.593 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054173.D
Acq: 12 Mar 2019 19:34

Tgt Ion:128 Resp: 6050

Ion	Ratio	Lower	Upper
128	100		
127	4.9	10.1	15.1#
129	8.0	8.7	13.1#