Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040519\
Data File : VN054974.D
Acq On : 5 Apr 2019 17:21
Operator : JC/SP
Sample : K2275-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S8-TB-2019-1

Quant Time: Apr 05 23:34:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 02:23:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	6259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	11738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	4054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	5838	70.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 141.48%			
35) Dibromofluoromethane	7.58	113	2211	28.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 57.88%			
50) Toluene-d8	10.09	98	8301	28.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 57.26%			
62) 4-Bromofluorobenzene	12.41	95	871	9.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 18.00%			
Target Compounds						Qvalue
3) Chloromethane	2.07	50	105	1.061	ug/l #	42
5) Bromomethane	2.57	94	101	2.047	ug/l #	61
6) Chloroethane	2.74	64	106	2.198	ug/l #	42
8) Diethyl Ether	3.44	74	32	0.957	ug/l	94
13) Acrolein	3.62	56	68	14.525	ug/l #	65
14) Allyl chloride	4.31	41	108	0.882	ug/l #	33
16) Acetone	3.82	43	227	Below Cal	#	48
17) Carbon Disulfide	4.04	76	438	2.494	ug/l #	75
18) Methyl Acetate	4.33	43	512	8.302	ug/l	97
20) Methylene Chloride	4.55	84	1000	13.056	ug/l #	85
22) Diisopropyl ether	6.15	45	65	0.258	ug/l #	35
23) Vinyl Acetate	5.91	43	242	1.383	ug/l #	76
25) 2-Butanone	6.89	43	69	2.227	ug/l #	53
29) Tetrahydrofuran	7.23	42	33	1.625	ug/l #	39
36) 1,1-Dichloropropene	7.66	75	306	2.631	ug/l #	42
37) Ethyl Acetate	6.94	43	231	2.894	ug/l #	71
38) Carbon Tetrachloride	7.66	117	302	2.689	ug/l #	14
41) Methacrylonitrile	7.17	41	61	1.337	ug/l #	1
42) 1,2-Dichloroethane	7.84	62	30	0.255	ug/l #	77
43) Isopropyl Acetate	8.10	43	221	1.643	ug/l #	64
45) 1,2-Dichloropropane	8.85	63	30	0.322	ug/l #	44
48) Methyl methacrylate	9.19	41	63	0.925	ug/l #	1
51) 4-Methyl-2-Pentanone	10.01	43	75	0.999	ug/l #	39
59) 2-Hexanone	10.77	43	448	9.558	ug/l #	28
67) Ethyl Benzene	11.55	91	30	0.201	ug/l #	45
74) N-amyl acetate	12.07	43	30	6.586	ug/l #	46
76) 1,2,3-Trichloropropane	12.41	75	140	46.640	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	64	76.203	ug/l #	4

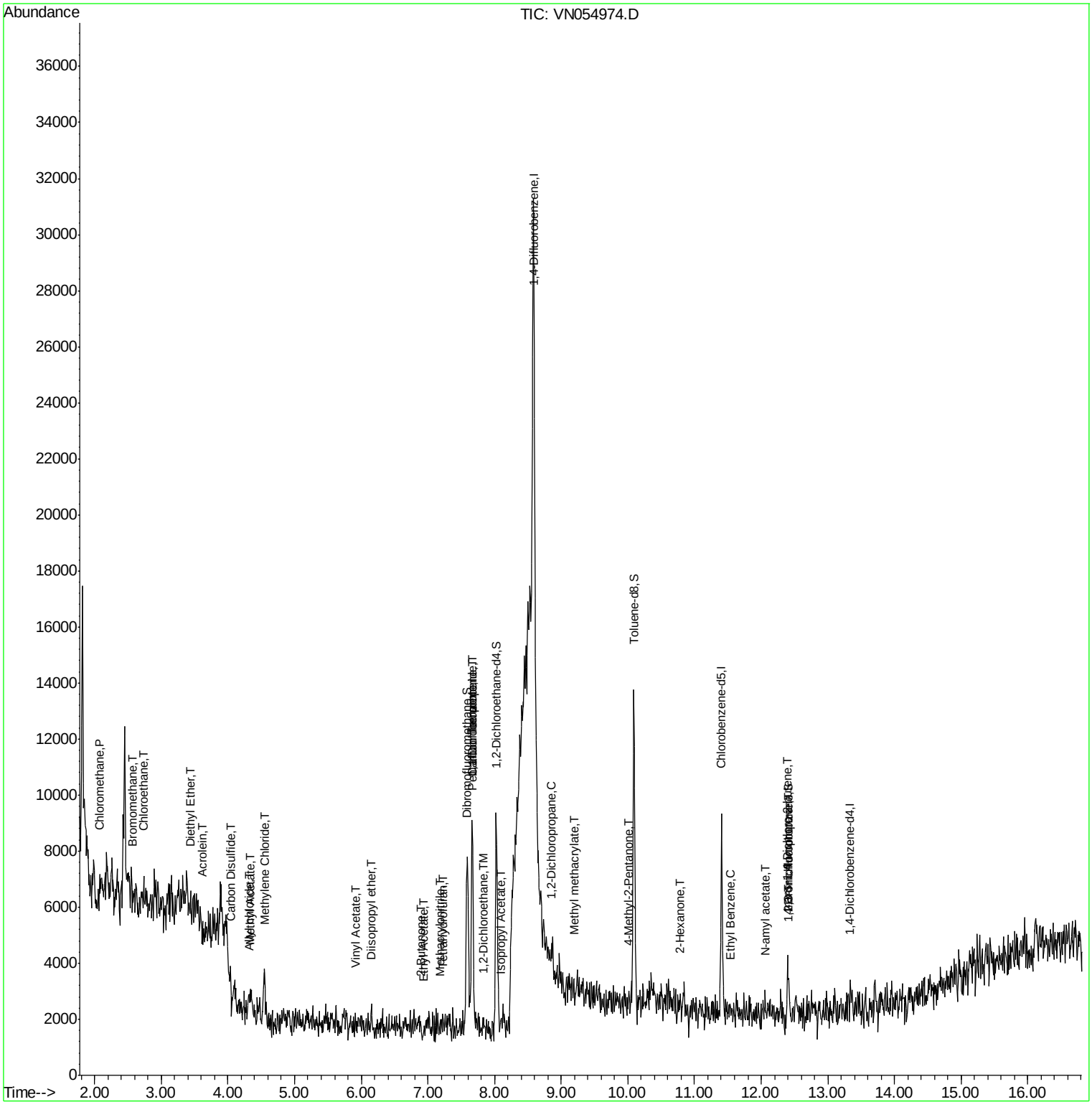
(#) = qualifier out of range (m) = manual integration (+) = signals summed

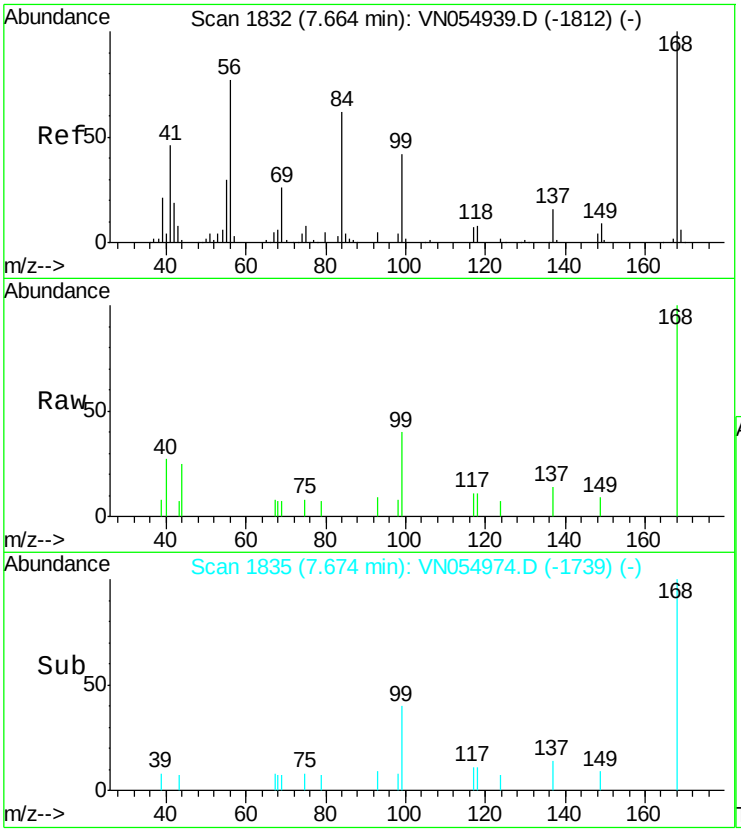
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040519\
Data File : VN054974.D
Acq On : 5 Apr 2019 17:21
Operator : JC/SP
Sample : K2275-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S8-TB-2019-1

Quant Time: Apr 05 23:34:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 02:23:47 2019
Response via : Initial Calibration



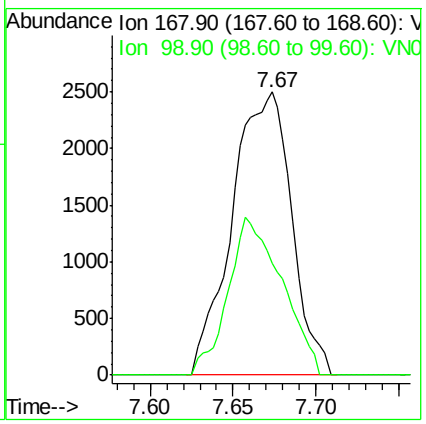


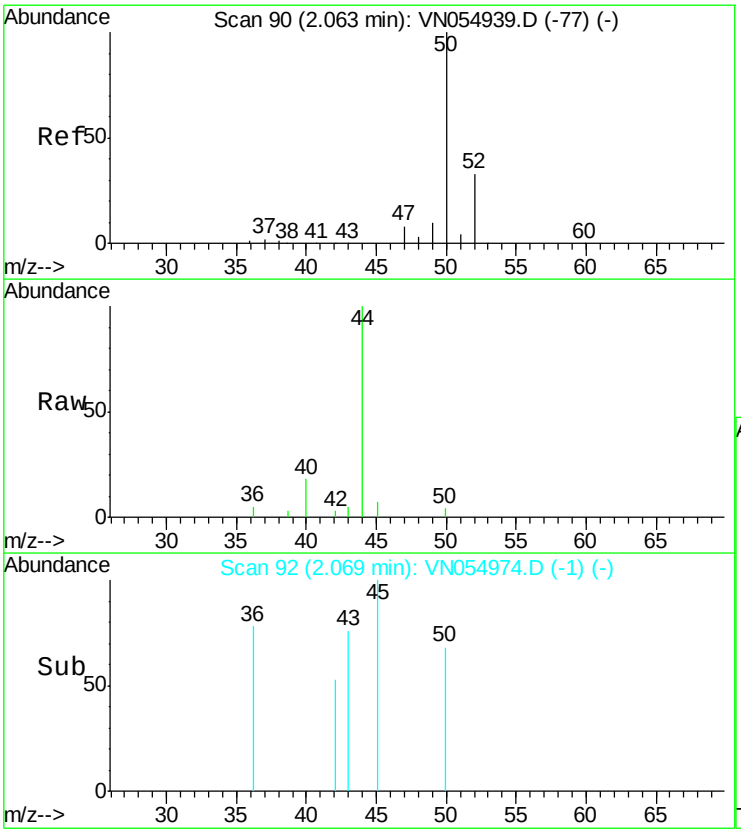
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1835
Delta R.T. 0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion:168 Resp: 6259

Ion	Ratio	Lower	Upper
168	100		
99	39.7	44.1	66.1#

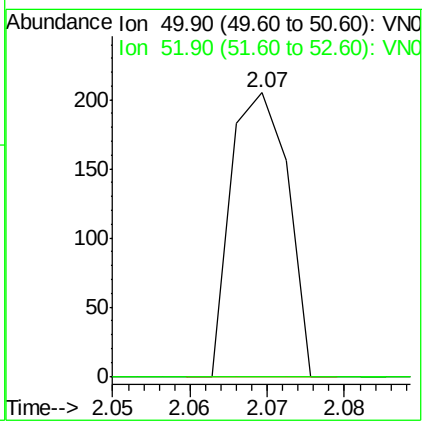


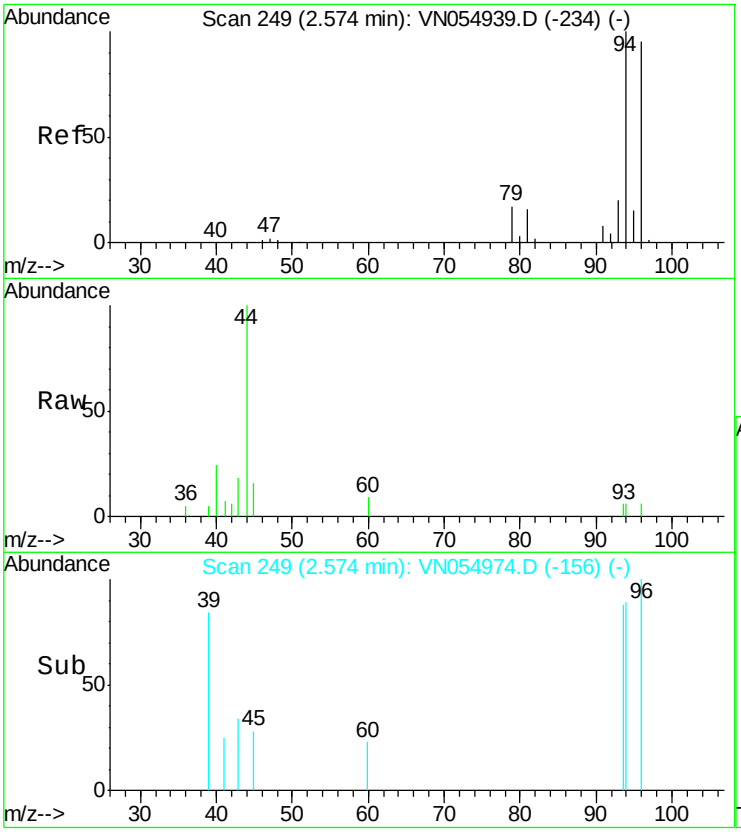


#3
Chloromethane
Concen: 1.061 ug/l
RT: 2.07 min Scan# 92
Delta R.T. 0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 50 Resp: 105

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.2	39.4#



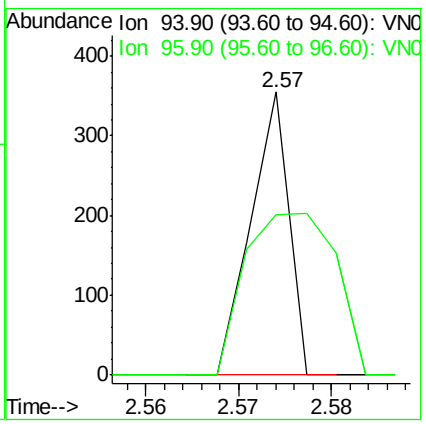


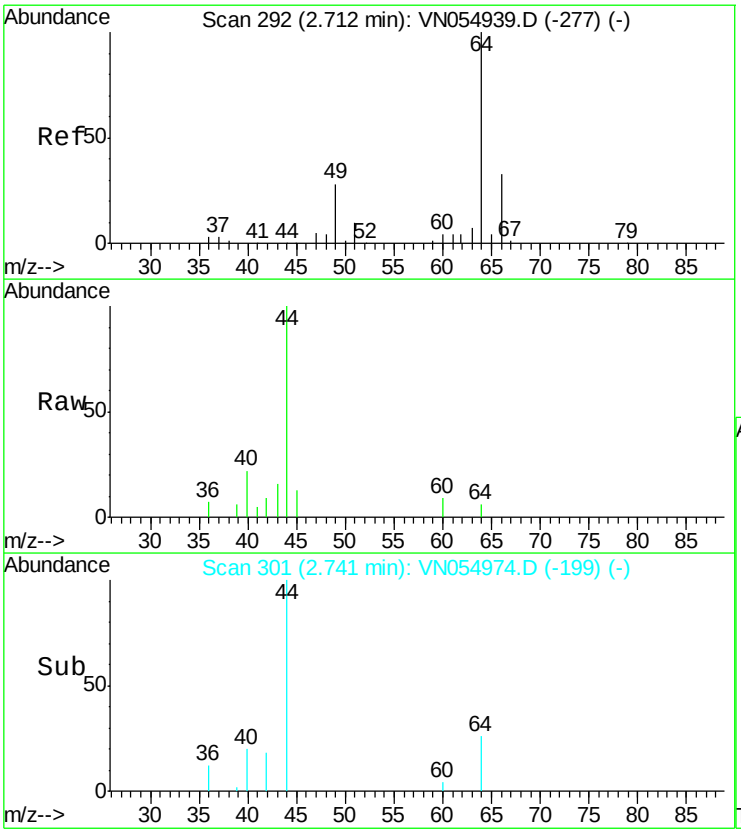
#5
Bromomethane
Concen: 2.047 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 94 Resp: 101

Ion	Ratio	Lower	Upper
94	100		
96	56.6	75.7	113.5#

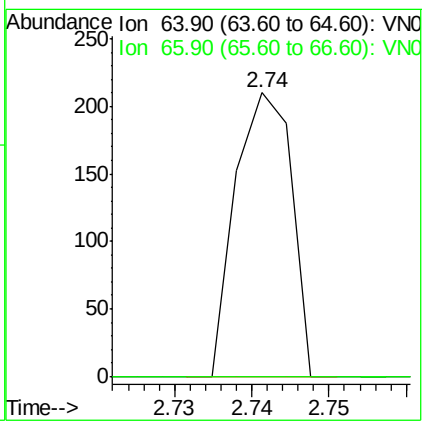


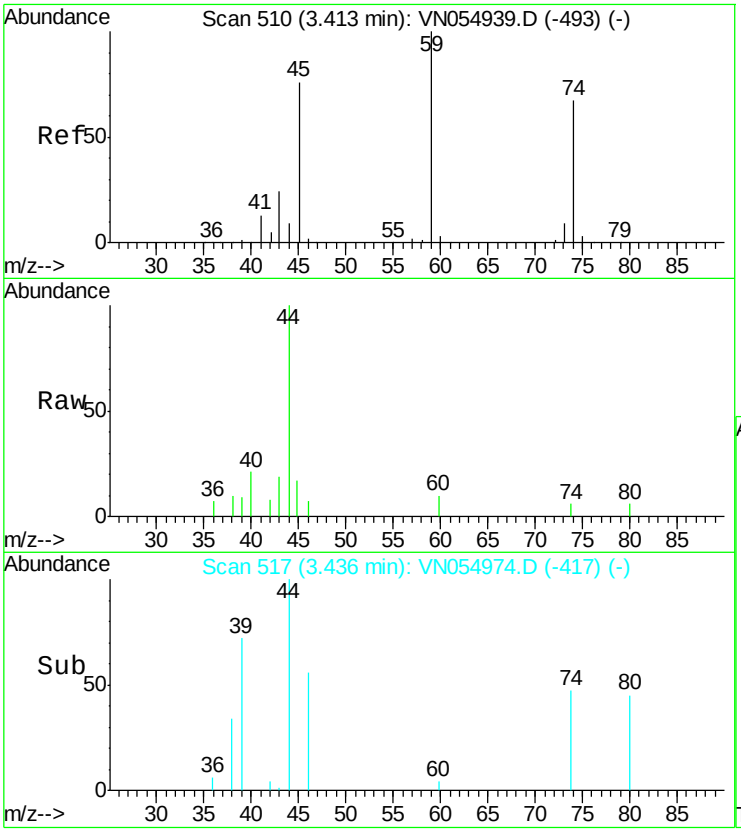


#6
Chloroethane
Concen: 2.198 ug/l
RT: 2.74 min Scan# 301
Delta R.T. 0.03 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 64 Resp: 106

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.2	39.4#



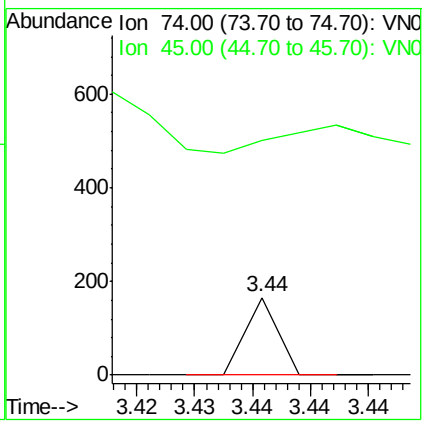


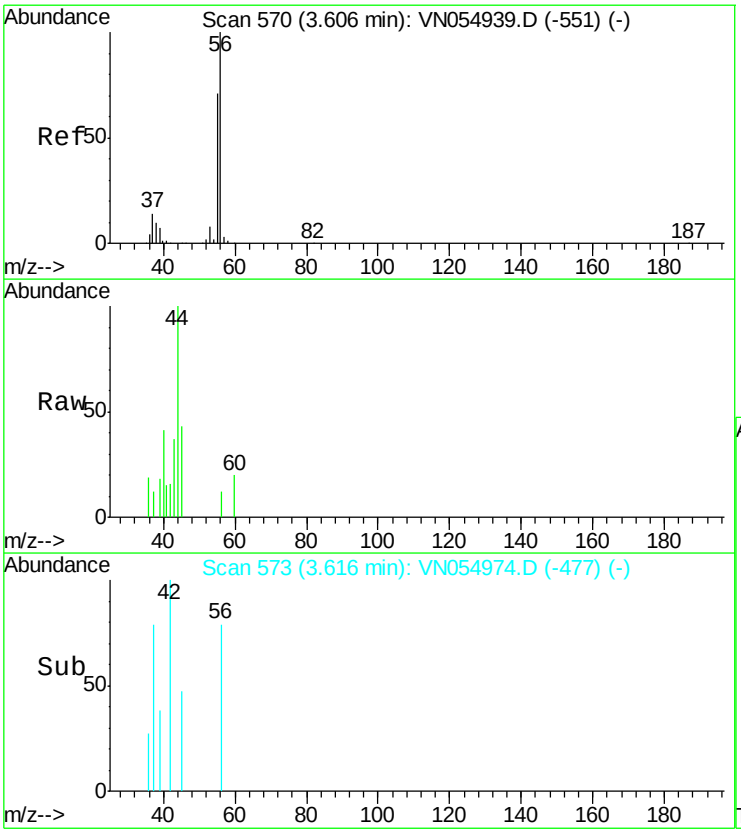
#8
Diethyl Ether
Concen: 0.957 ug/l
RT: 3.44 min Scan# 517
Delta R.T. 0.02 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 74 Resp: 32

Ion	Ratio	Lower	Upper
74	100		
45	118.8	56.3	168.9

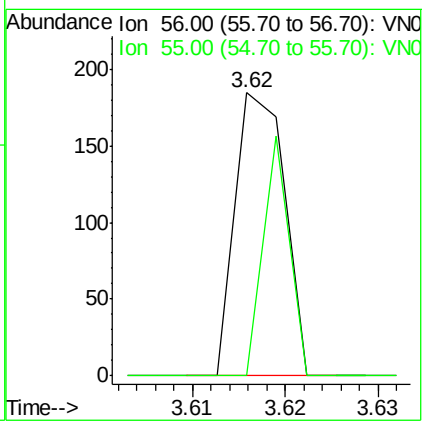


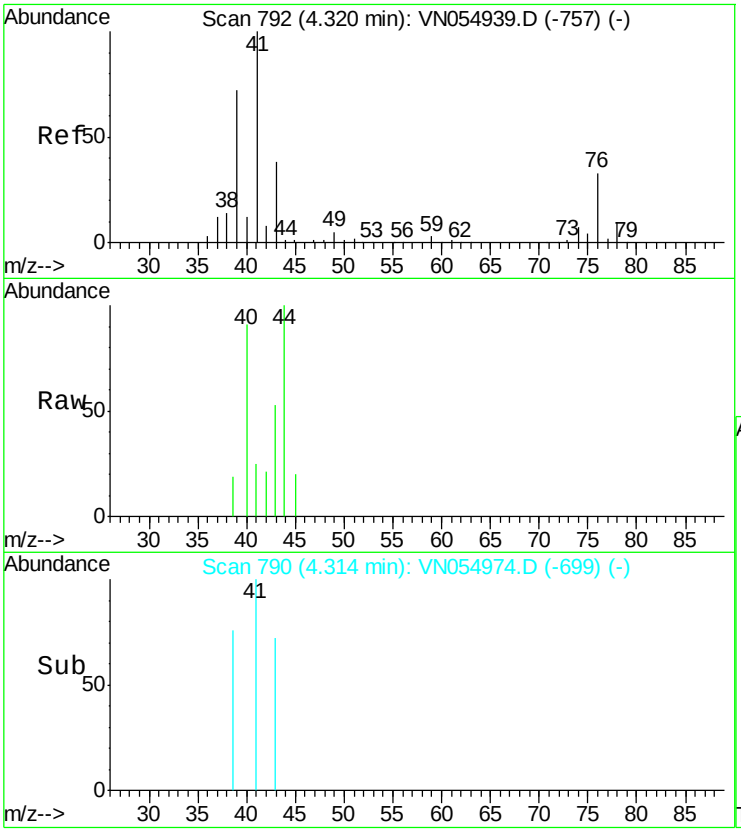


#13
Acrolein
Concen: 14.525 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 56 Resp: 68

Ion	Ratio	Lower	Upper
56	100		
55	44.1	58.6	87.8#



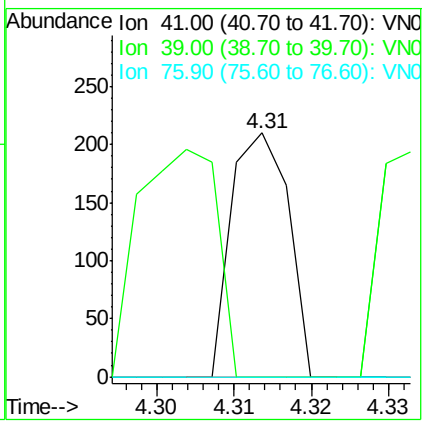


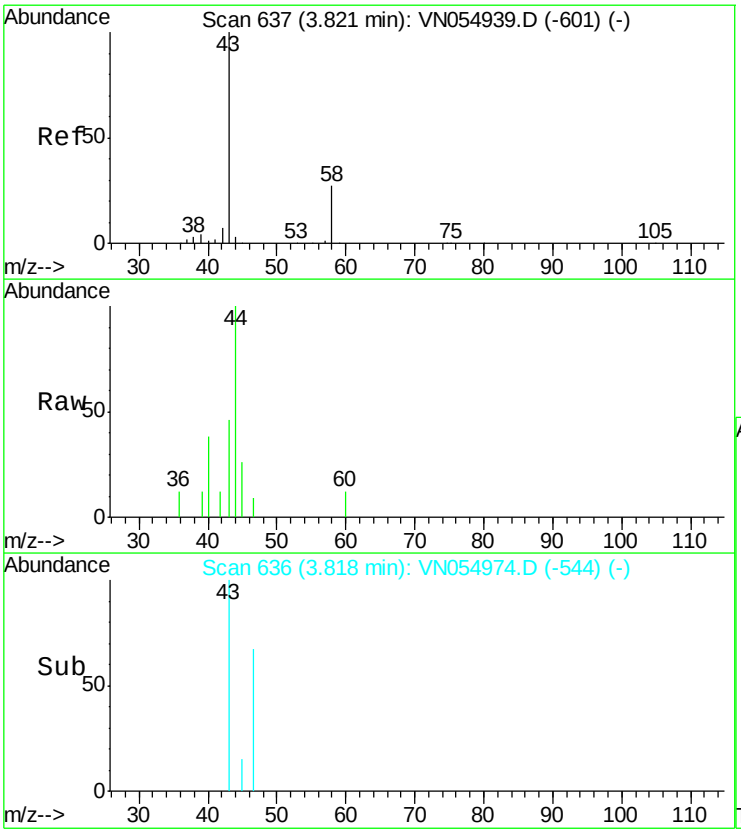
#14
Allvl chloride
Concen: 0.882 ug/l
RT: 4.31 min Scan# 790
Delta R.T. -0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument : MSVOA_N
ClientSampleId : S8-TB-2019-1

Tgt Ion: 41 Resp: 108

Ion	Ratio	Lower	Upper
41	100		
39	127.8	55.4	83.2#
76	0.0	23.8	35.8#

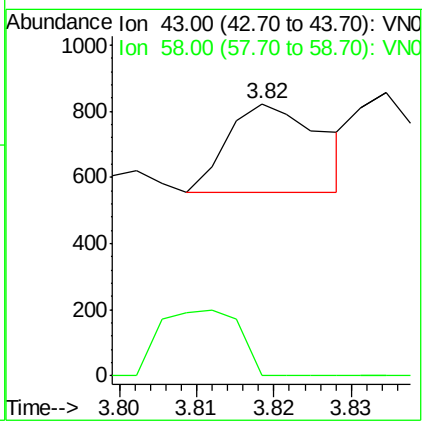


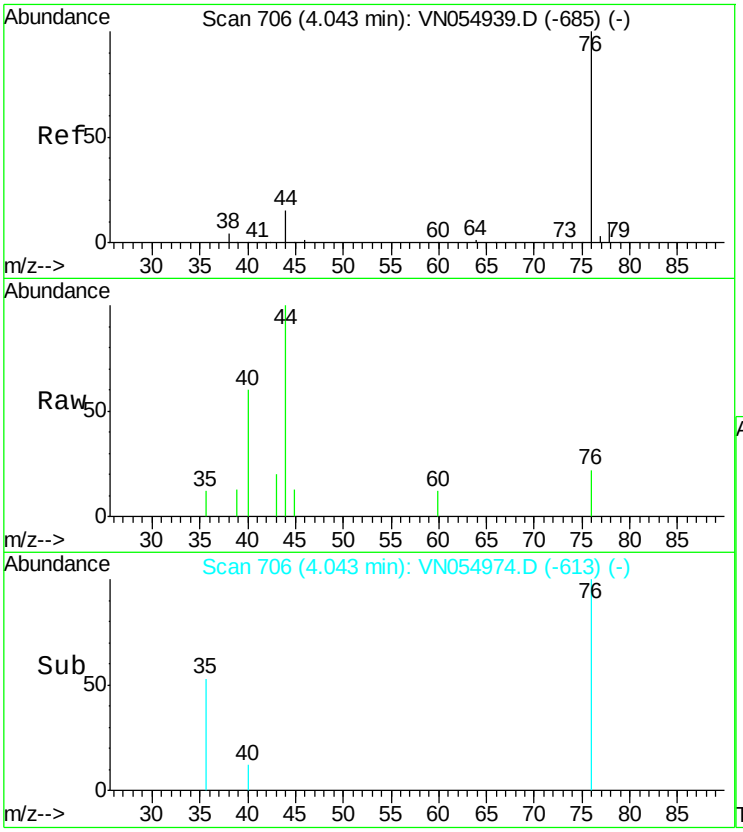


#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 43 Resp: 227

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.7	32.5#



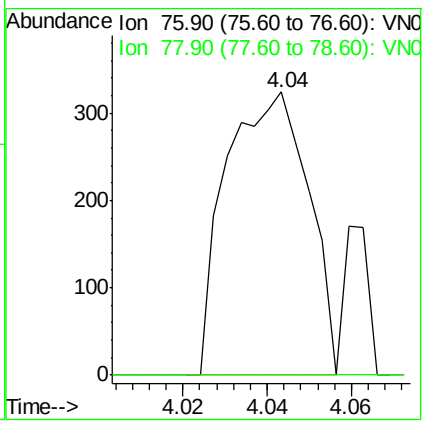


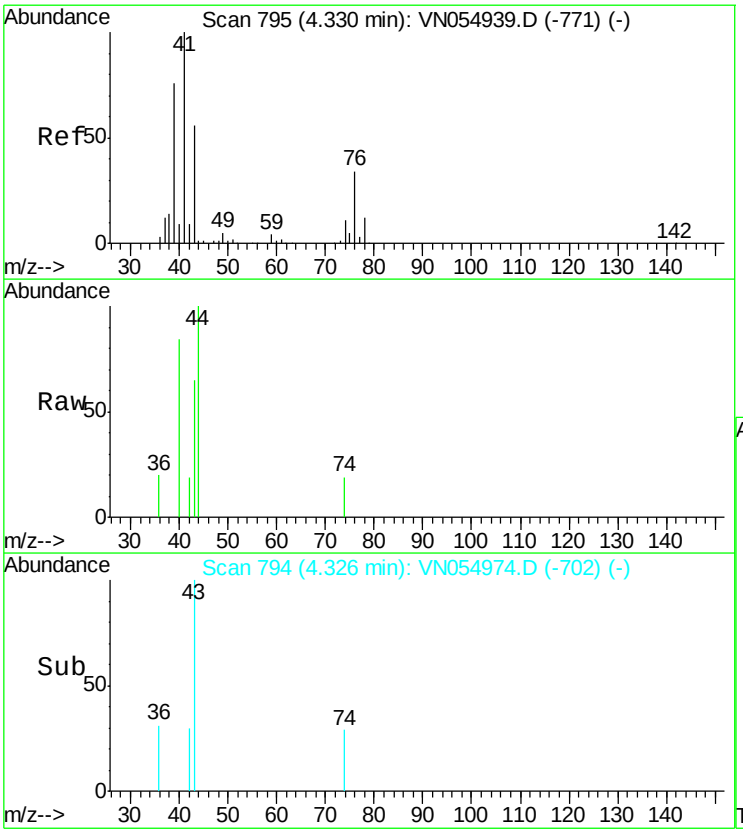
#17
Carbon Disulfide
Concen: 2.494 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 76 Resp: 438

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

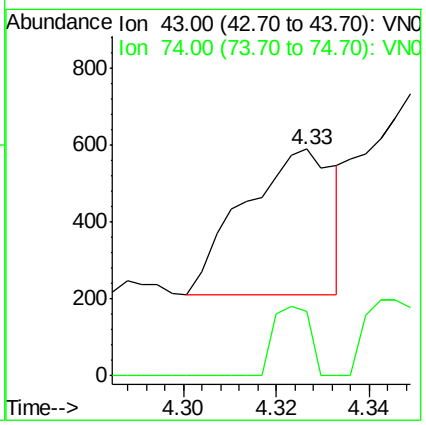


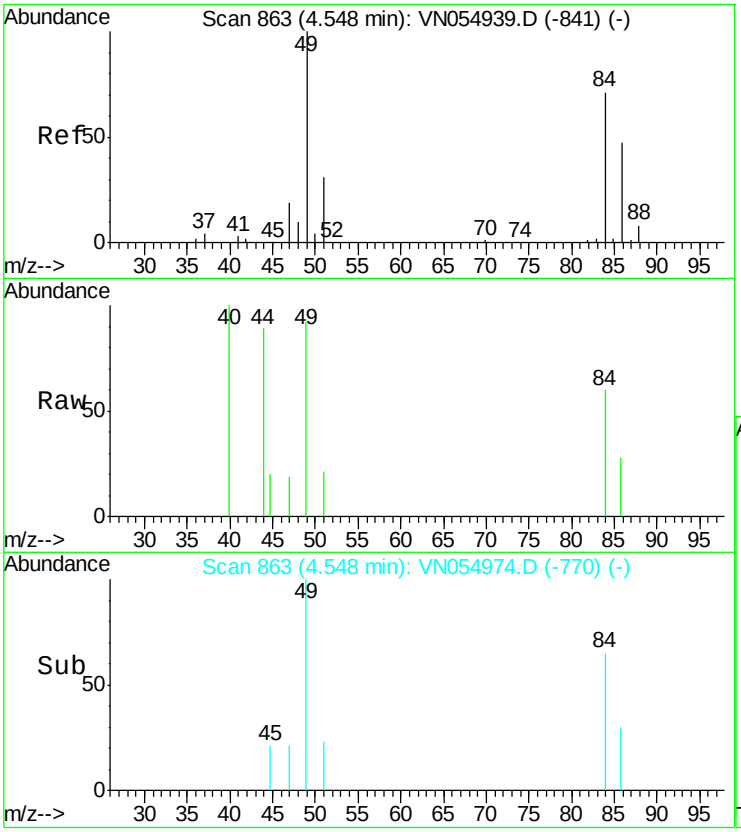


#18
Methyl Acetate
Concen: 8.302 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 43 Resp: 512

Ion	Ratio	Lower	Upper
43	100		
74	19.3	16.4	24.6



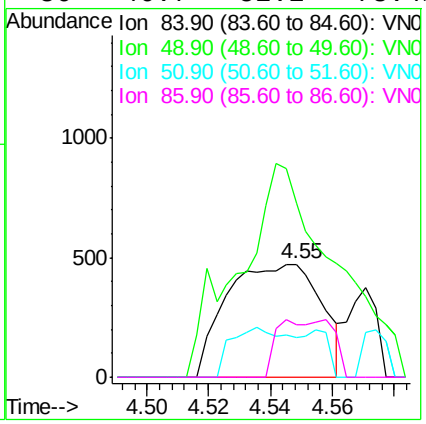


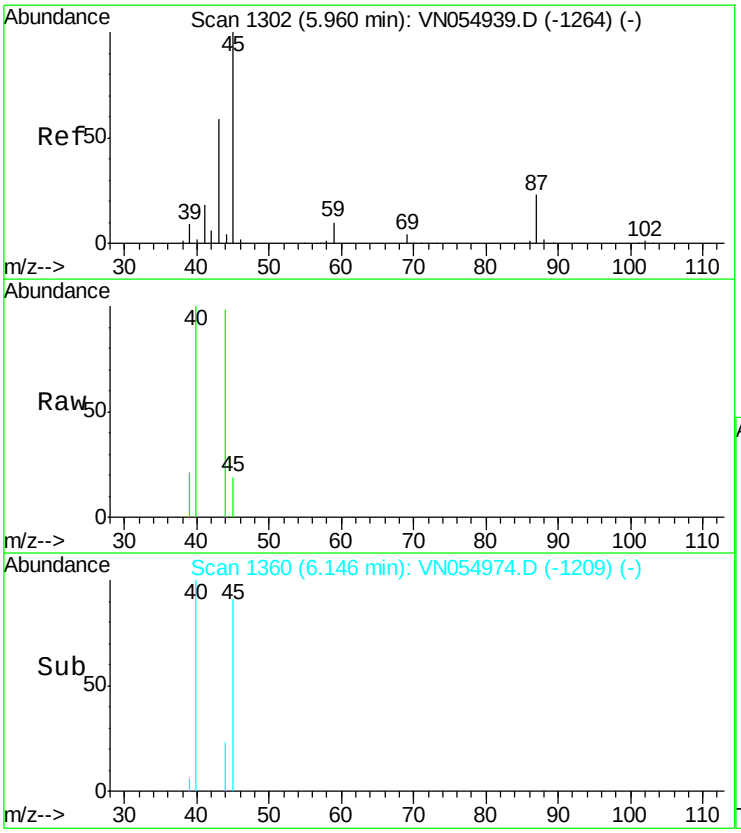
#20
Methylene Chloride
Concen: 13.056 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 84 Resp: 1000

Ion	Ratio	Lower	Upper
84	100		
49	153.7	112.1	168.1
51	35.3	34.5	51.7
86	46.7	52.2	78.4#

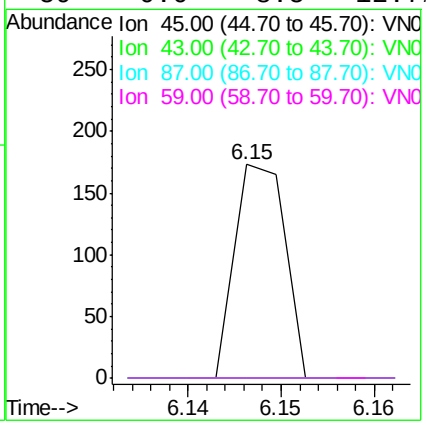


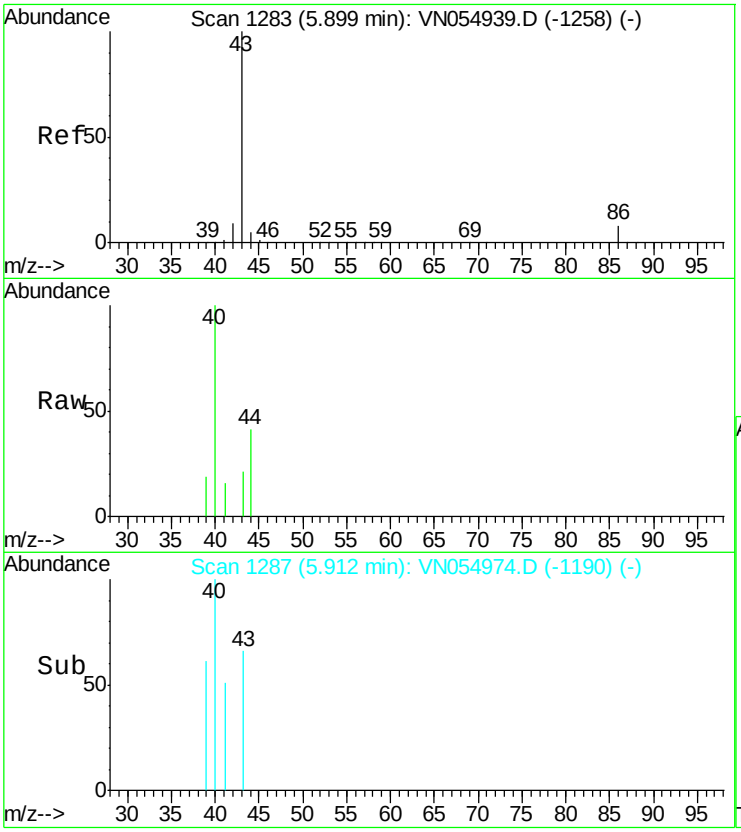


#22
Diisopropyl ether
Concen: 0.258 ug/l
RT: 6.15 min Scan# 1360
Delta R.T. 0.19 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 45 Resp: 65

Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.9	70.3#
87	0.0	18.6	28.0#
59	0.0	8.5	12.7#



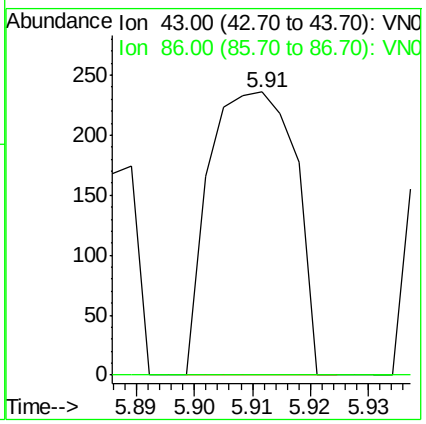


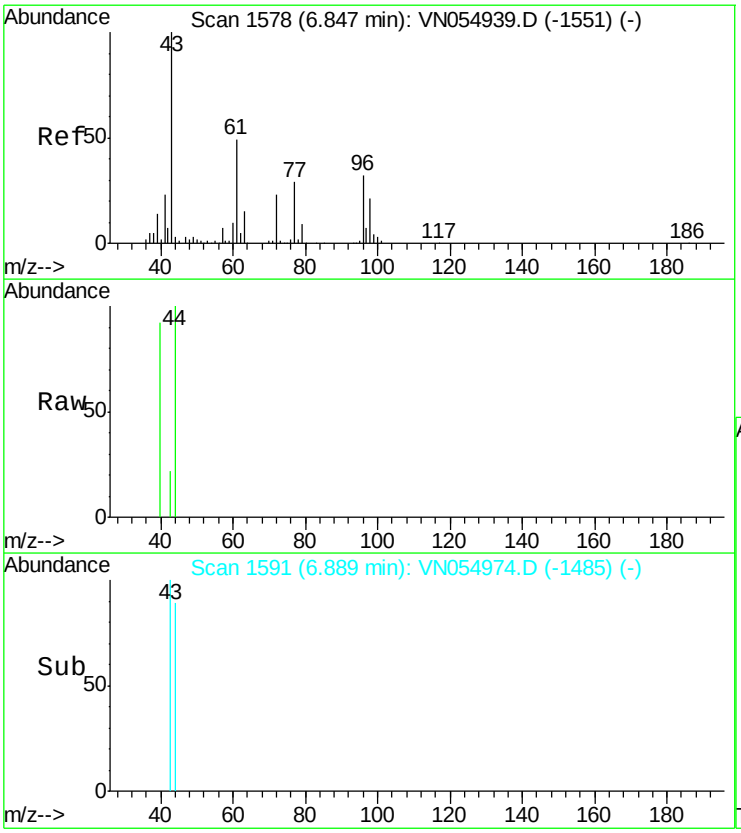
#23
Vinyl Acetate
Concen: 1.383 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. 0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 43 Resp: 242

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.7	10.1#

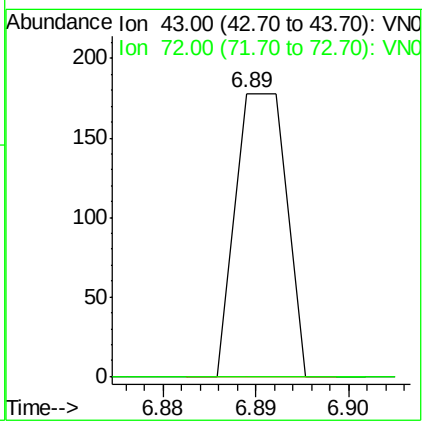


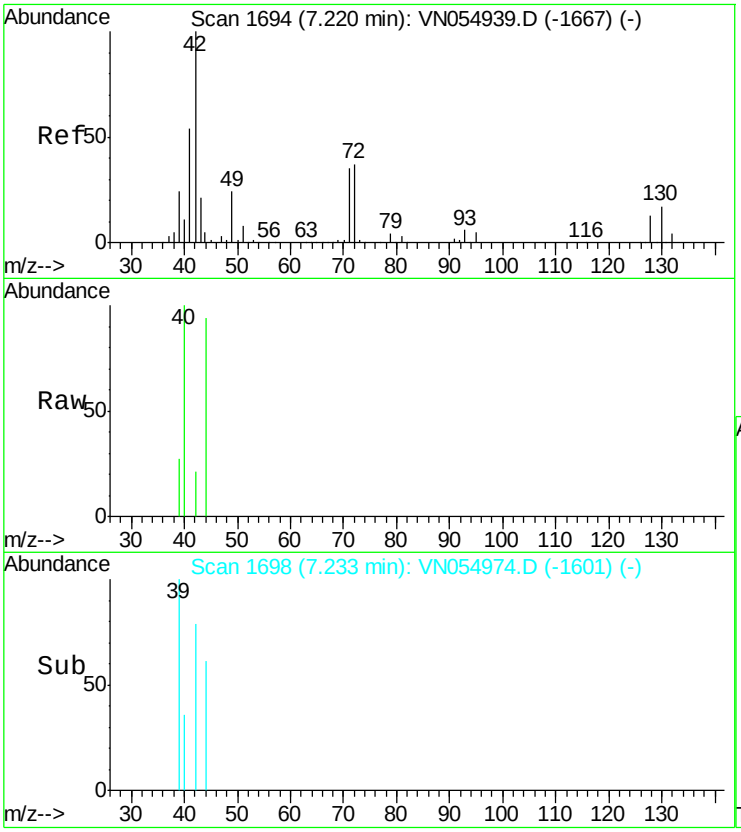


#25
2-Butanone
Concen: 2.227 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.04 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 43 Resp: 69

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.3	27.5#



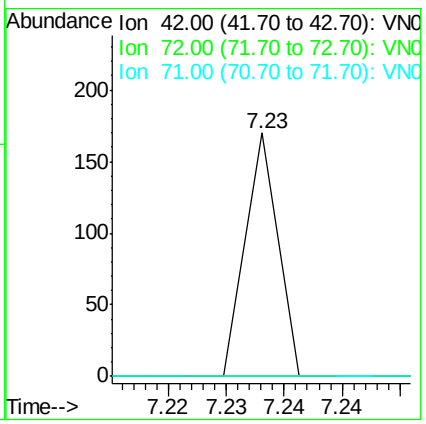


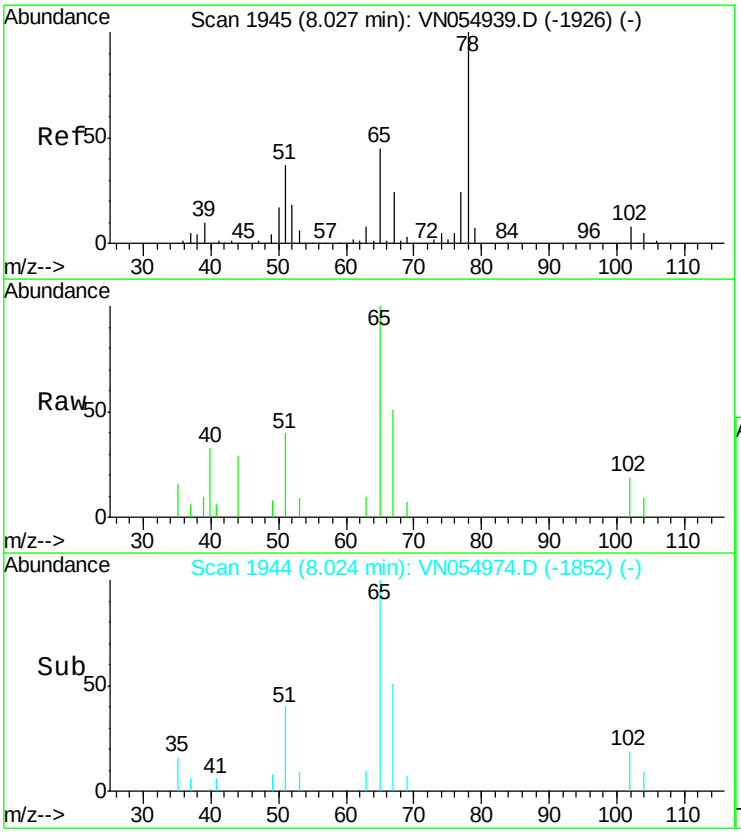
#29
Tetrahydrofuran
Concen: 1.625 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 42 Resp: 33

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.3	43.9#
71	0.0	27.8	41.6#

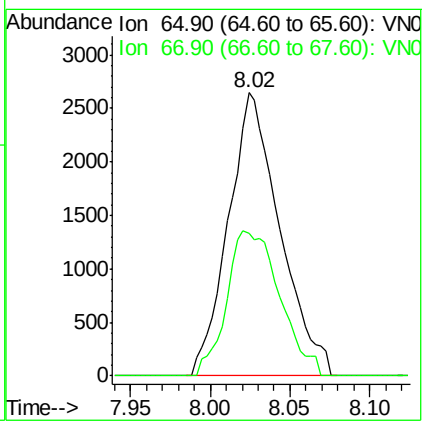


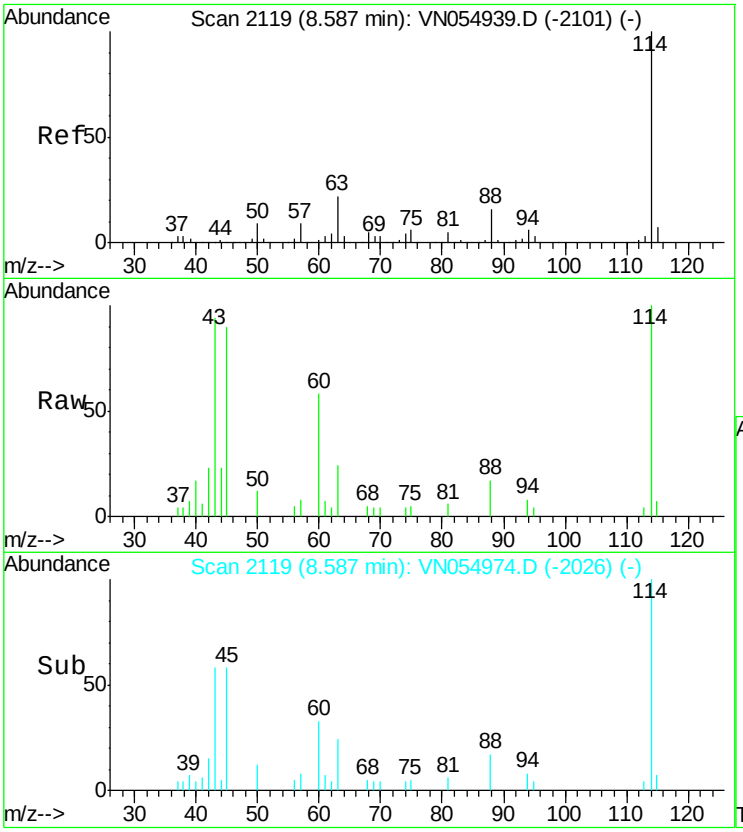


#33
1,2-Dichloroethane-d4
Concen: 70.744 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 65 Resp: 5838

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.6



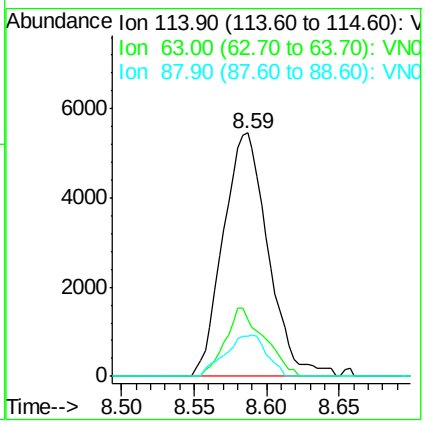


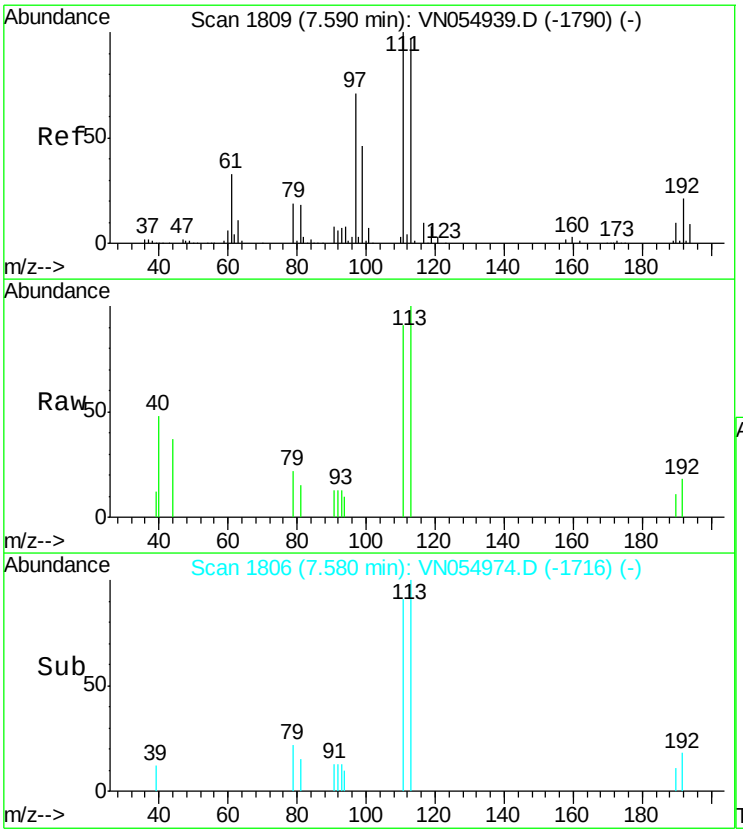
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion:114 Resp: 11738

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	44.6
88	16.7	0.0	32.0

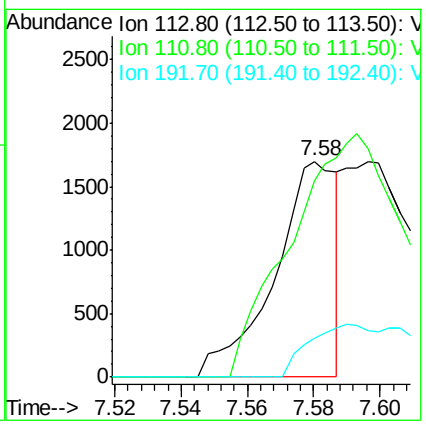


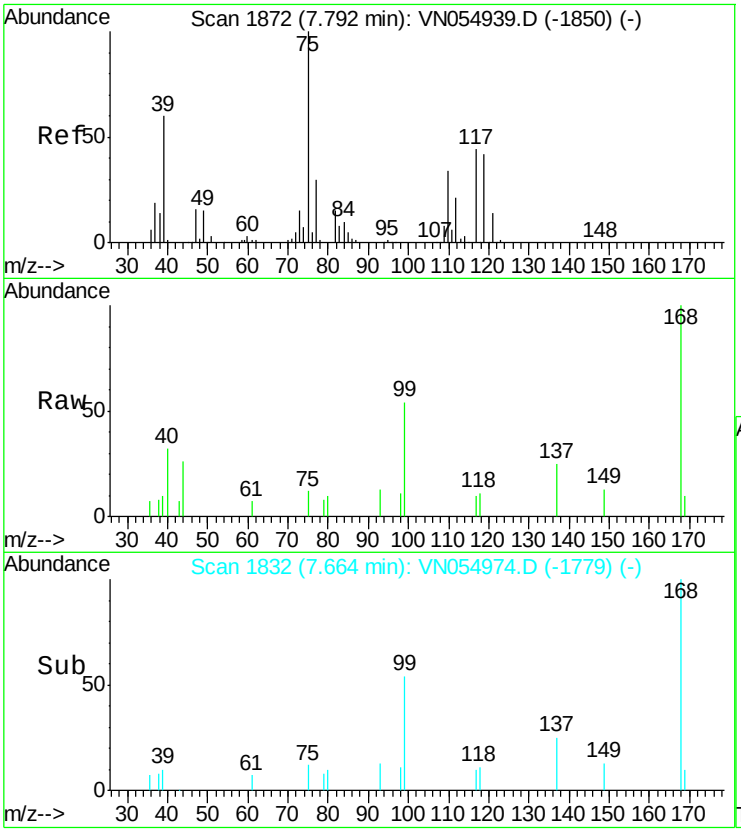


#35
Dibromofluoromethane
Concen: 28.936 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. -0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion:113 Resp: 2211

Ion	Ratio	Lower	Upper
113	100		
111	216.9	81.0	121.4#
192	26.3	16.5	24.7#



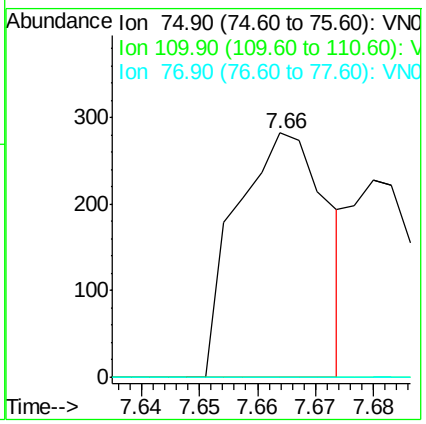


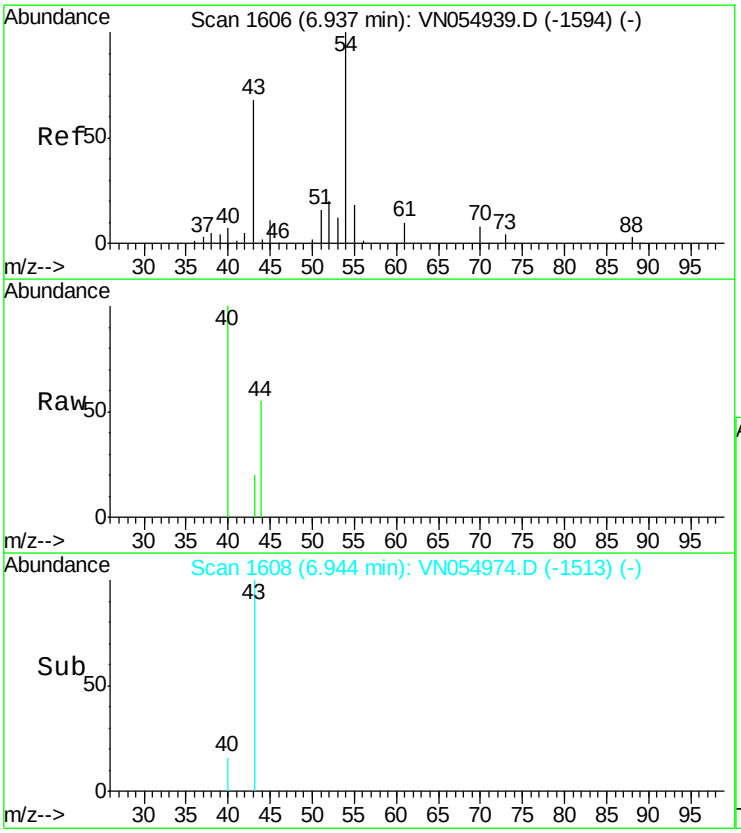
#36
1,1-Dichloropropene
Concen: 2.631 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 75 Resp: 306

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.0	50.9#
77	0.0	25.3	37.9#

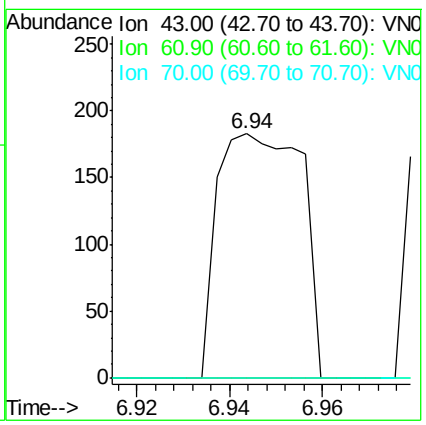


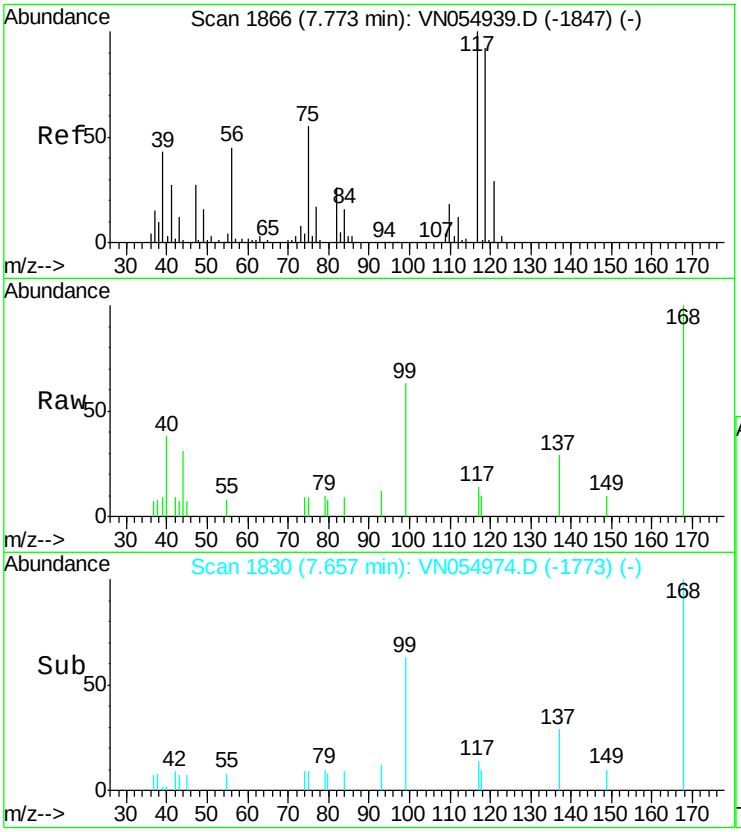


#37
Ethyl Acetate
Concen: 2.894 ug/l
RT: 6.94 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 43 Resp: 231

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.0	10.4#



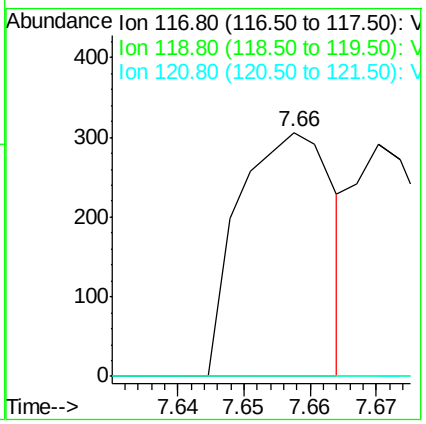


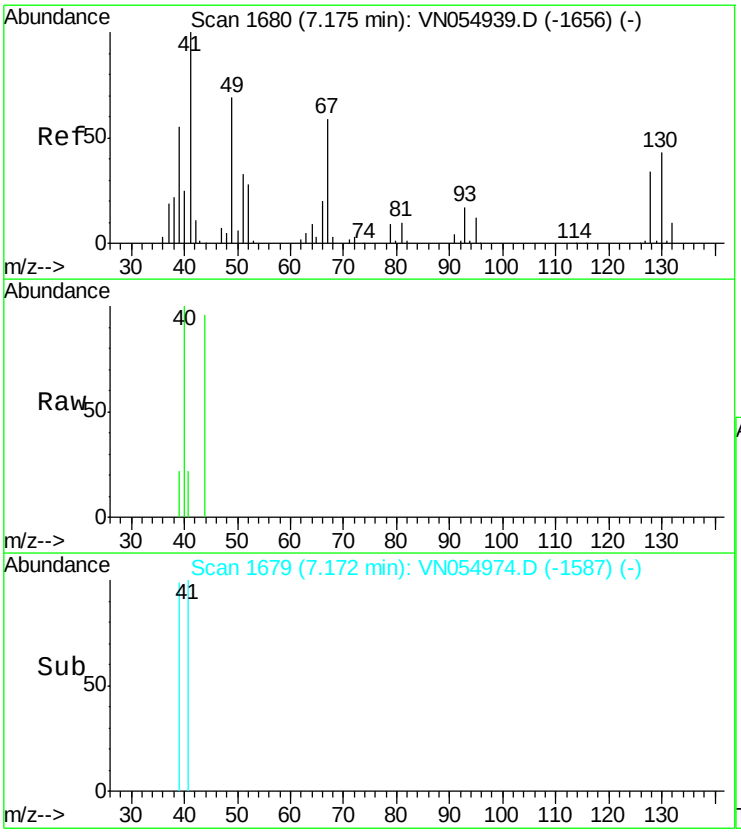
#38
Carbon Tetrachloride
Concen: 2.689 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.12 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion:117 Resp: 302

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.6	110.4#
121	0.0	23.4	35.0#

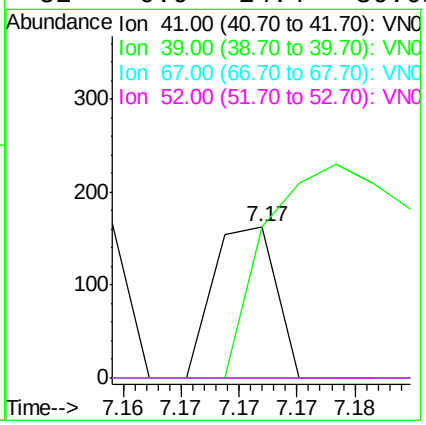


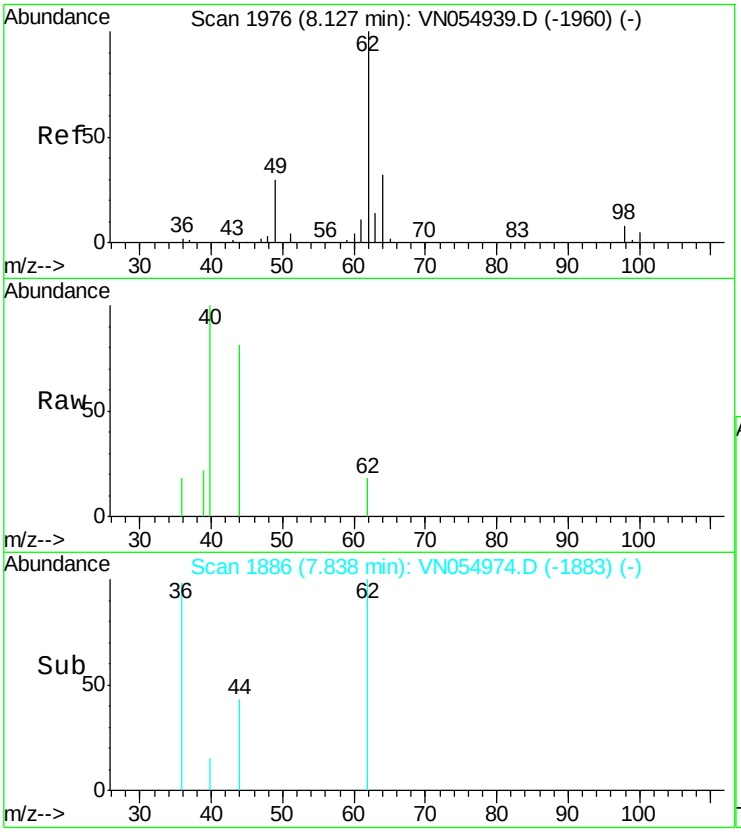


#41
Methacrylonitrile
Concen: 1.337 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 41 Resp: 61

Ion	Ratio	Lower	Upper
41	100		
39	314.8	43.0	64.6#
67	0.0	55.0	82.6#
52	0.0	24.4	36.6#



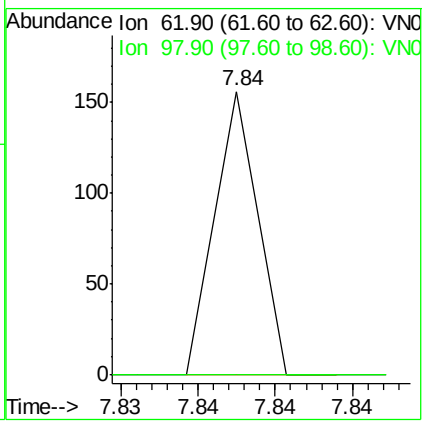


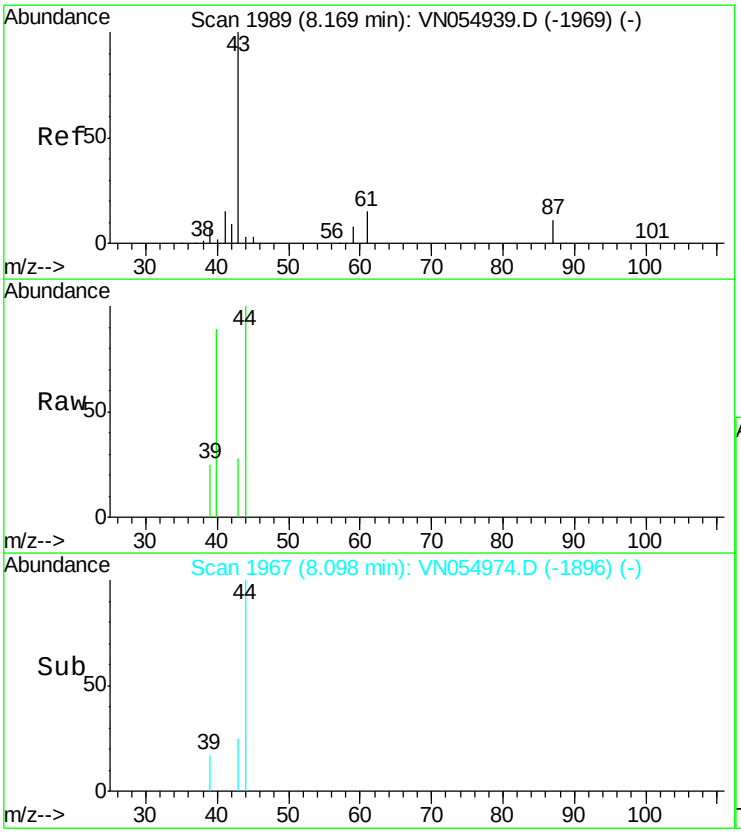
#42
1,2-Dichloroethane
Concen: 0.255 ug/l
RT: 7.84 min Scan# 1886
Delta R.T. -0.29 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 62 Resp: 30

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0

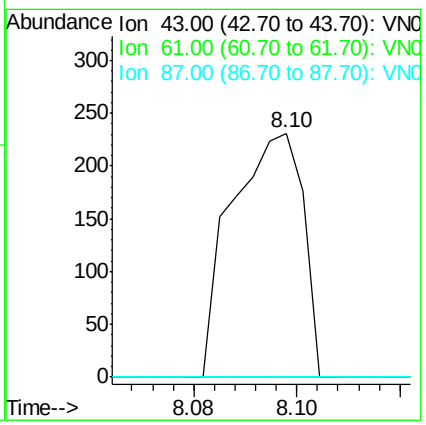


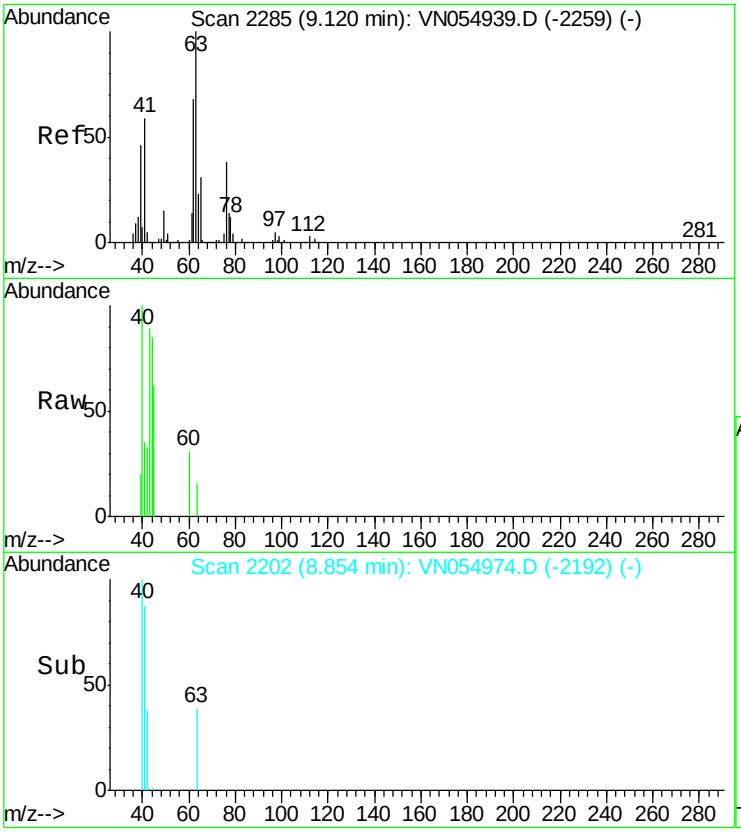


#43
Isopropyl Acetate
Concen: 1.643 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.07 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 43 Resp: 221

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6#
87	0.0	9.0	13.4#



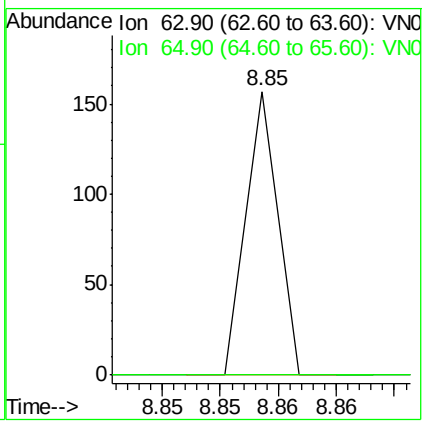


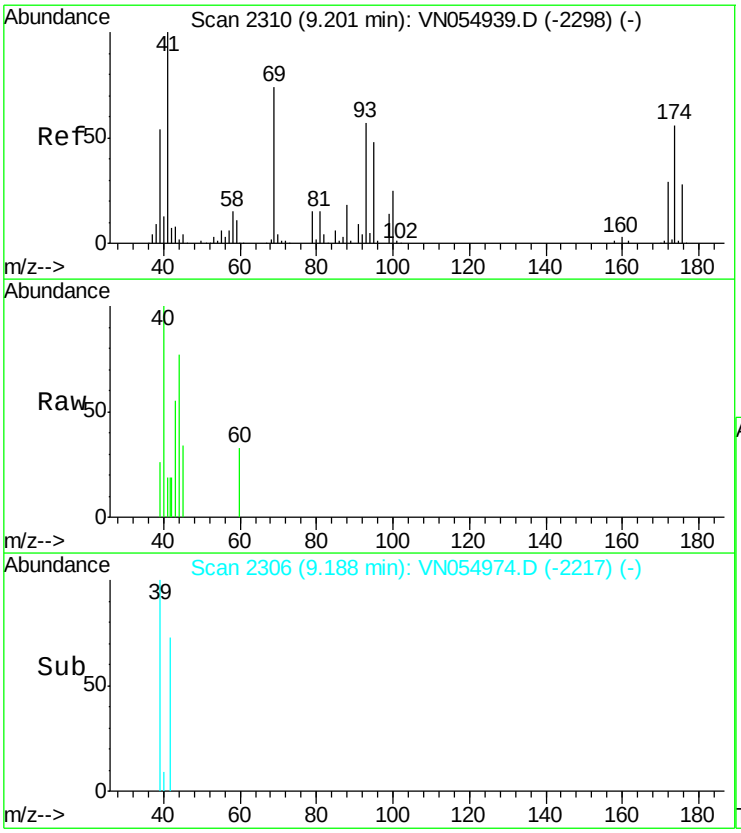
#45
1,2-Dichloropropane
Concen: 0.322 ug/l
RT: 8.85 min Scan# 2202
Delta R.T. -0.27 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 63 Resp: 30

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#

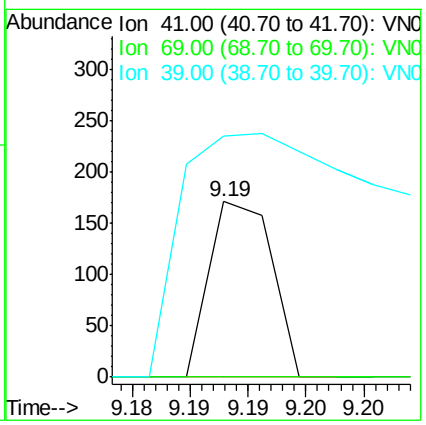


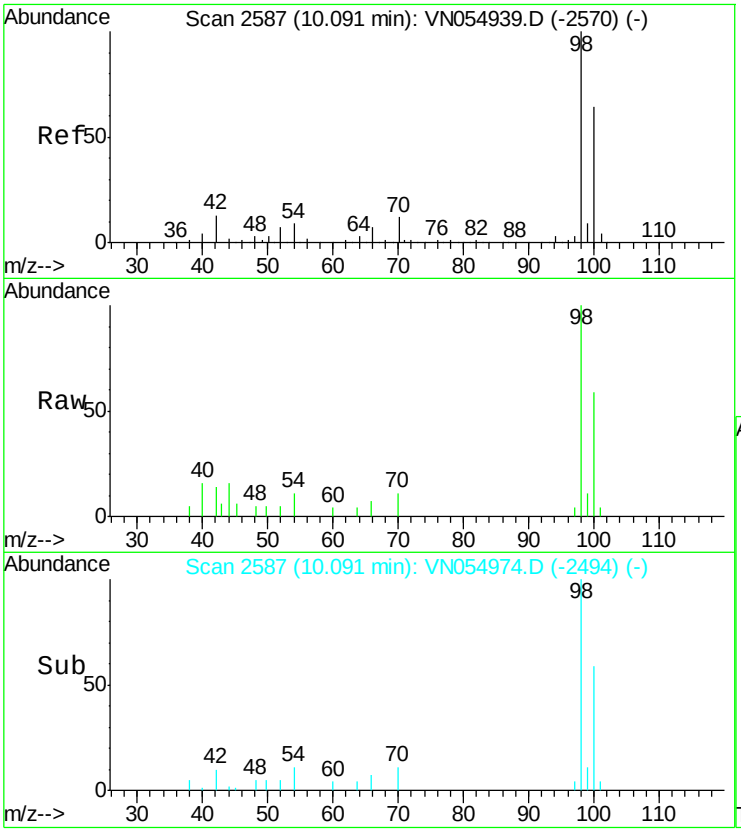


#48
Methyl methacrylate
Concen: 0.925 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 41 Resp: 63

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.9	88.3#
39	498.4	44.2	66.4#



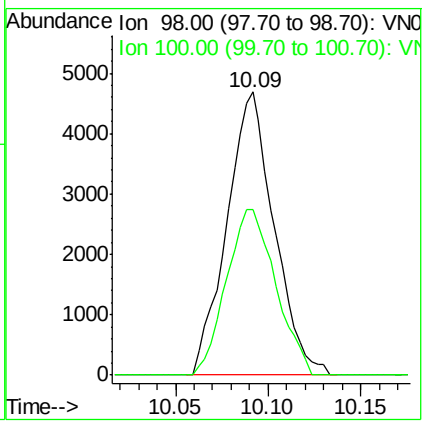


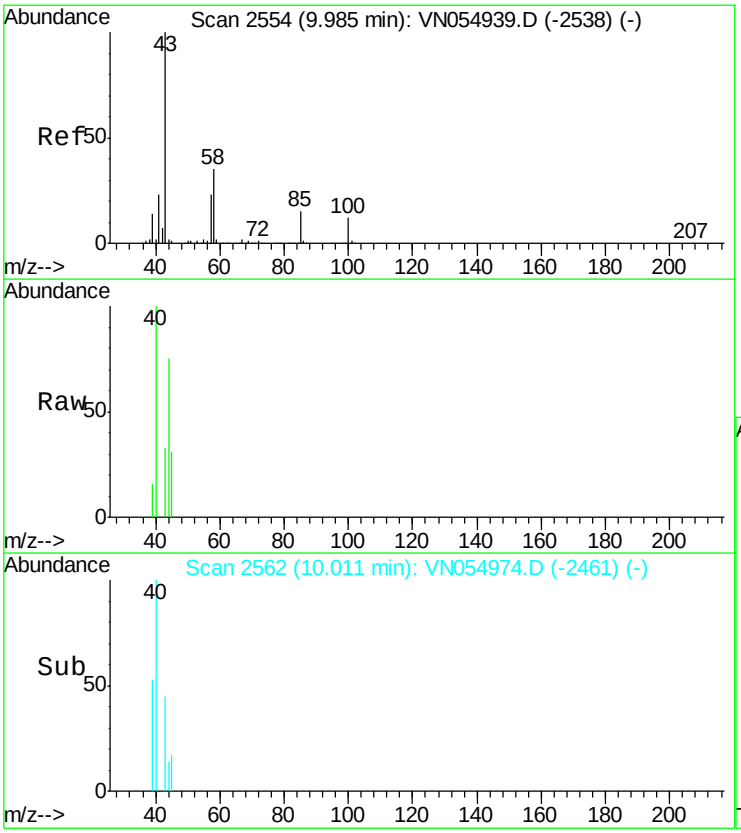
#50
Toluene-d8
Concen: 28.631 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument : MSVOA_N
ClientSampleId : S8-TB-2019-1

Tgt Ion: 98 Resp: 8301

Ion	Ratio	Lower	Upper
98	100		
100	60.8	51.5	77.3

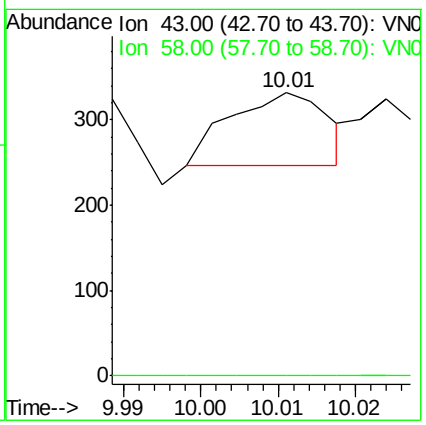


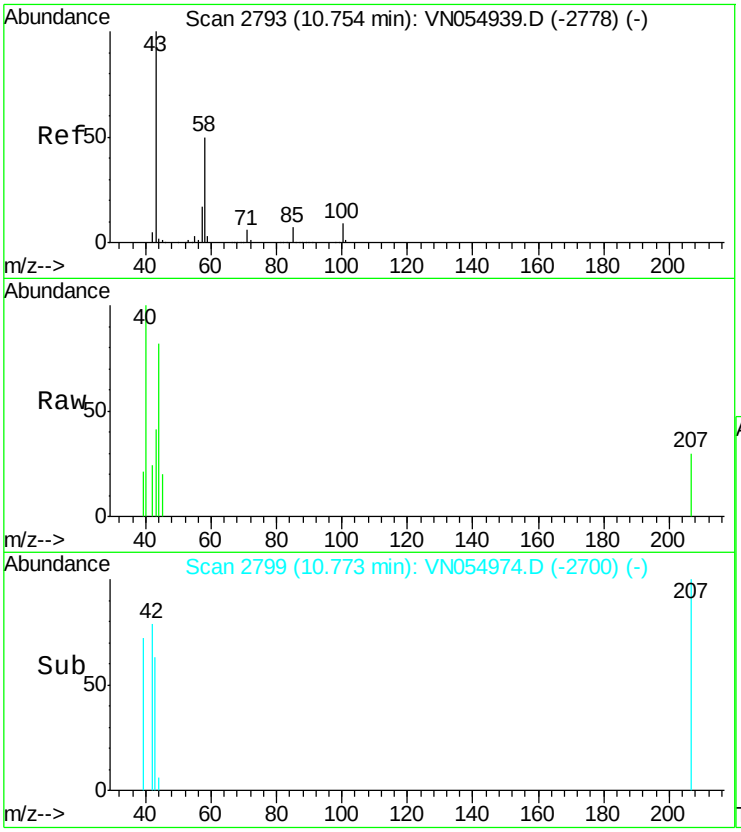


#51
4-Methyl-2-Pentanone
Concen: 0.999 ug/l
RT: 10.01 min Scan# 2562
Delta R.T. 0.03 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 43 Resp: 75

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.3	42.5#



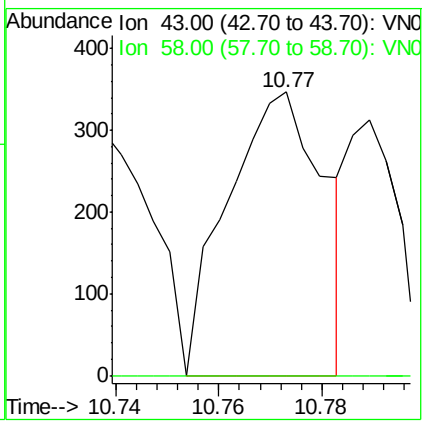


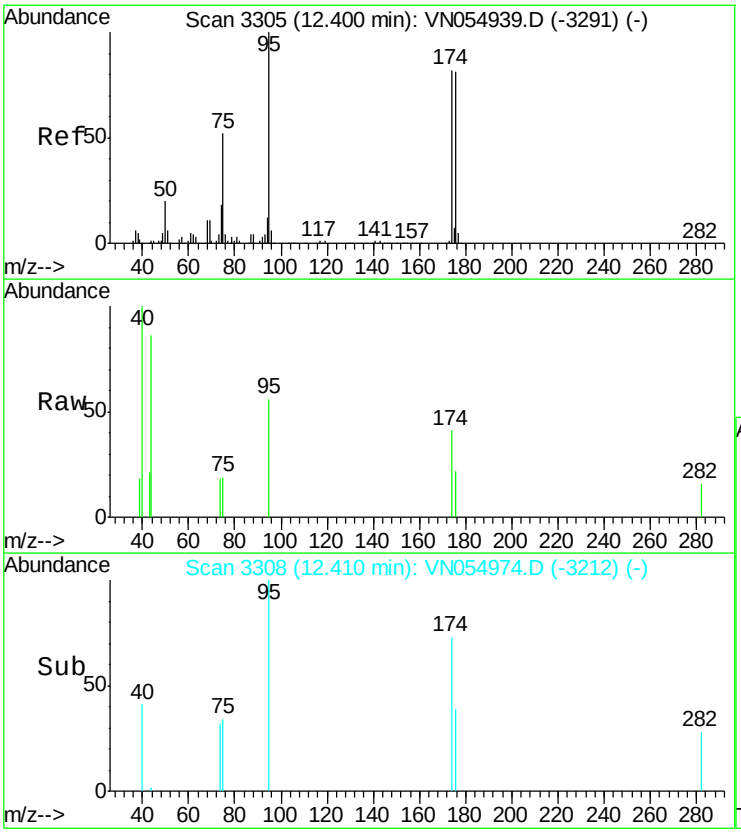
#59
2-Hexanone
Concen: 9.558 ug/l
RT: 10.77 min Scan# 2799
Delta R.T. 0.02 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 43 Resp: 448

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.6	73.8#

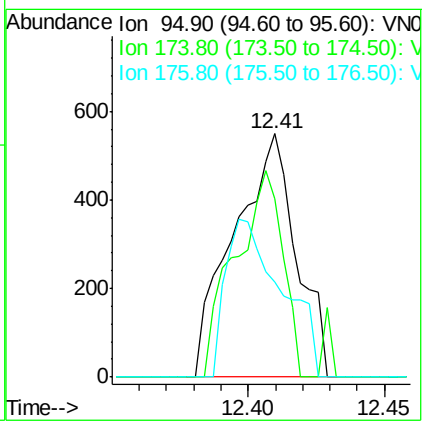


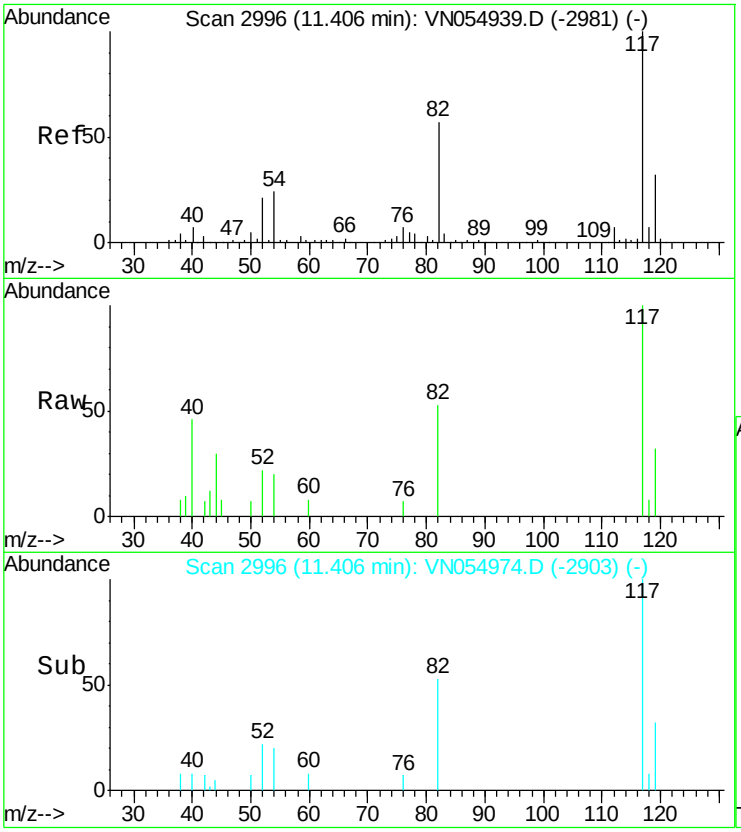


#62
4-Bromofluorobenzene
Concen: 9.002 ug/l
RT: 12.41 min Scan# 3308
Delta R.T. 0.01 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 95 Resp: 871

Ion	Ratio	Lower	Upper
95	100		
174	64.8	0.0	166.2
176	58.7	0.0	163.2



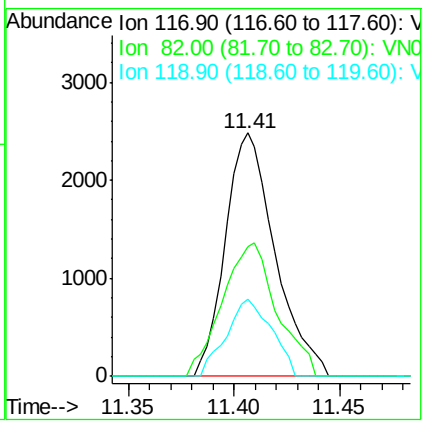


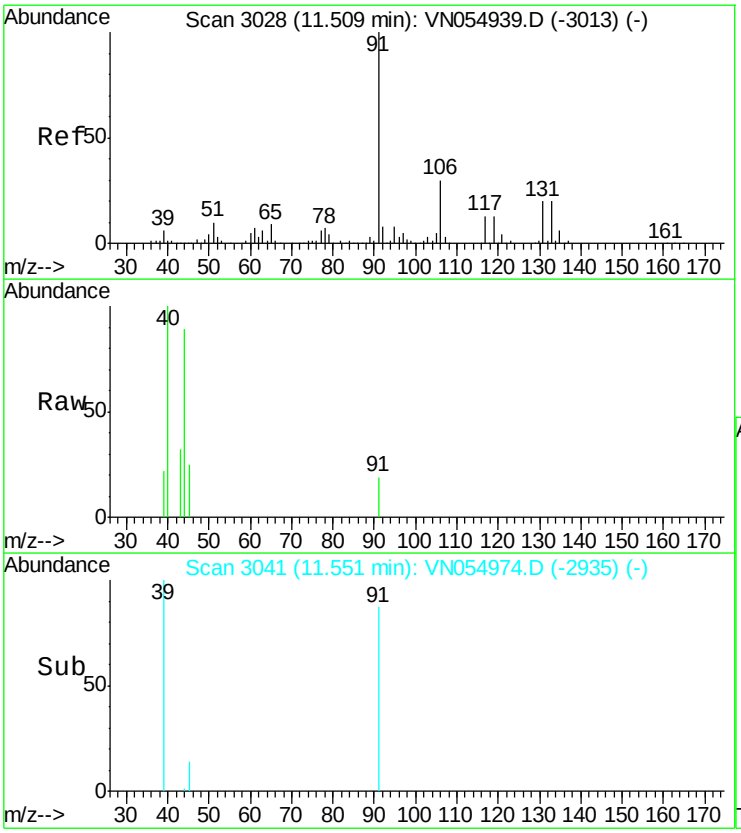
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion:117 Resp: 4054

Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.3	67.9
119	31.8	25.8	38.6

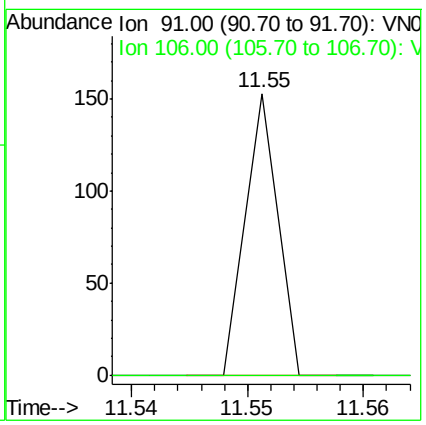


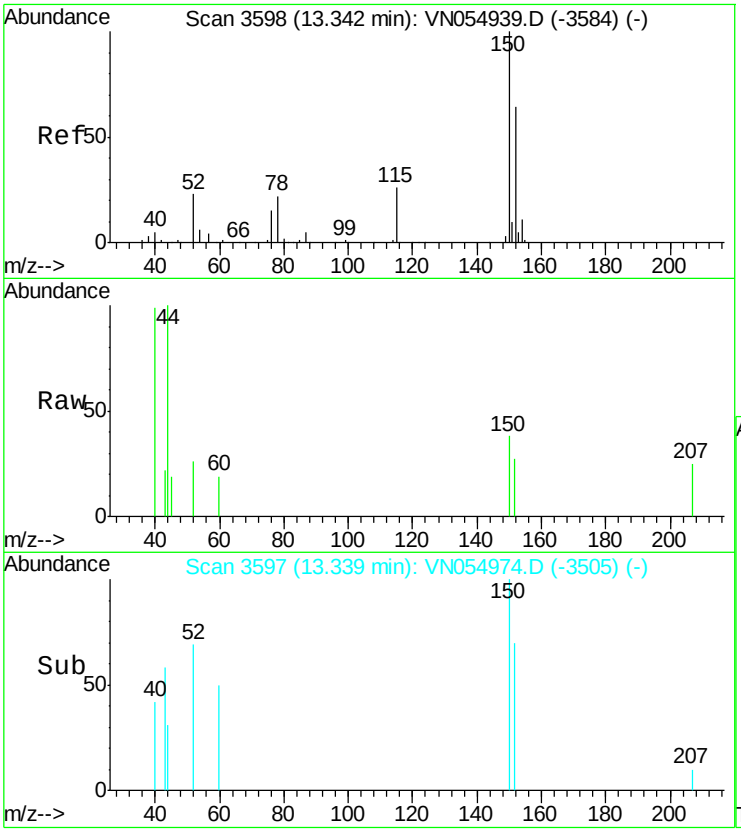


#67
Ethyl Benzene
Concen: 0.201 ug/l
RT: 11.55 min Scan# 3041
Delta R.T. 0.04 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 91 Resp: 30

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.1	36.1#



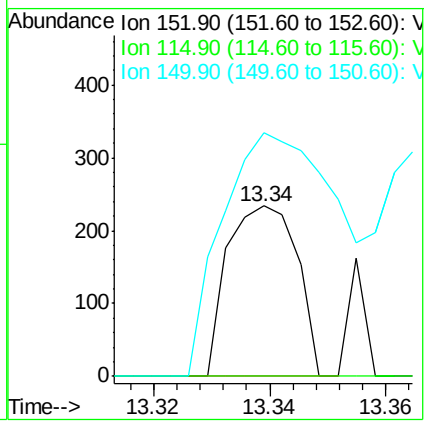


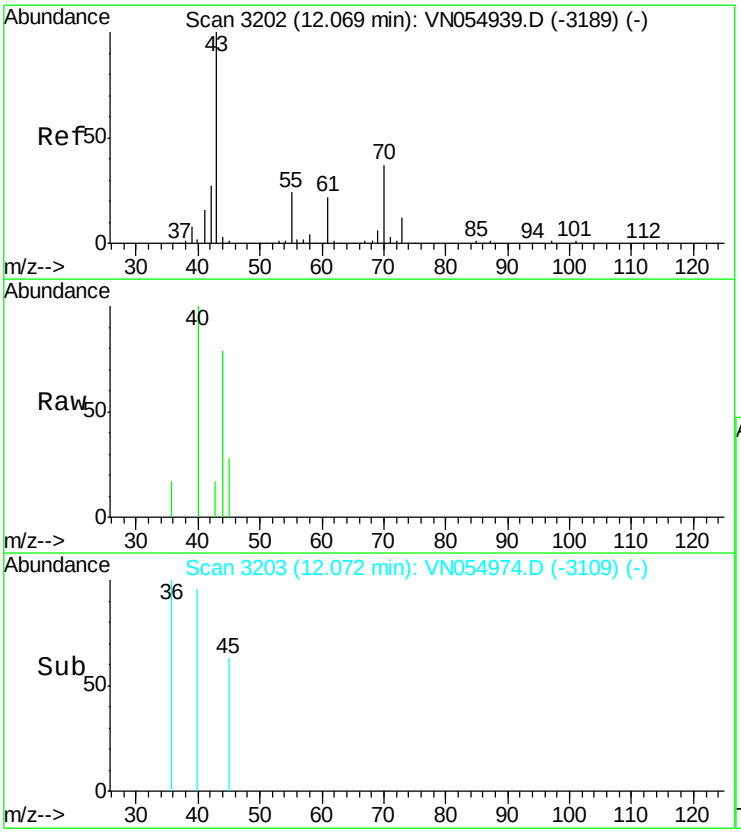
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion:152 Resp: 194

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.9	86.8#
150	234.5	0.0	345.4

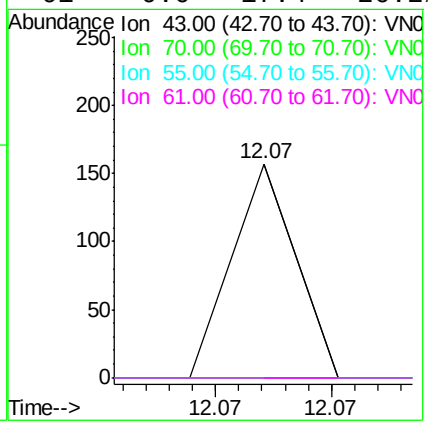


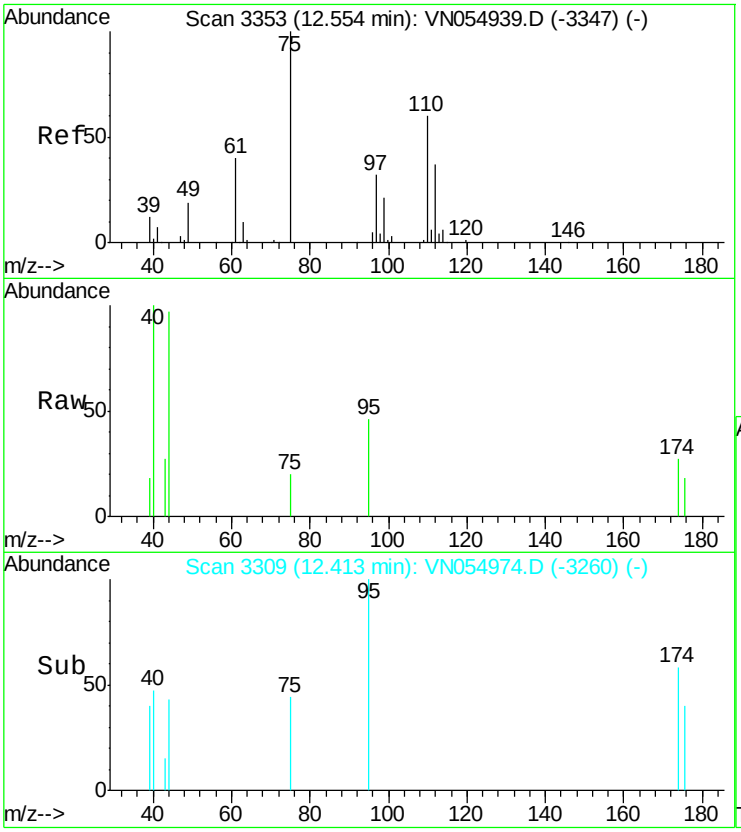


#74
N-amyl acetate
Concen: 6.586 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 43 Resp: 30

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.3	43.9#
55	0.0	19.2	28.8#
61	0.0	17.4	26.2#



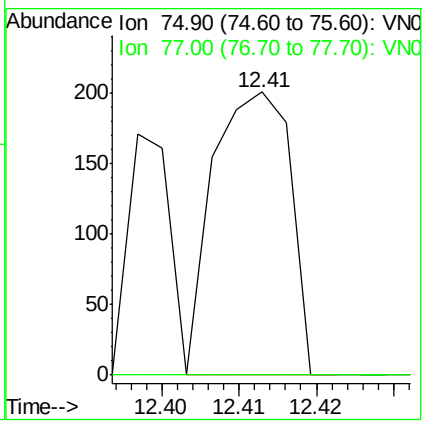


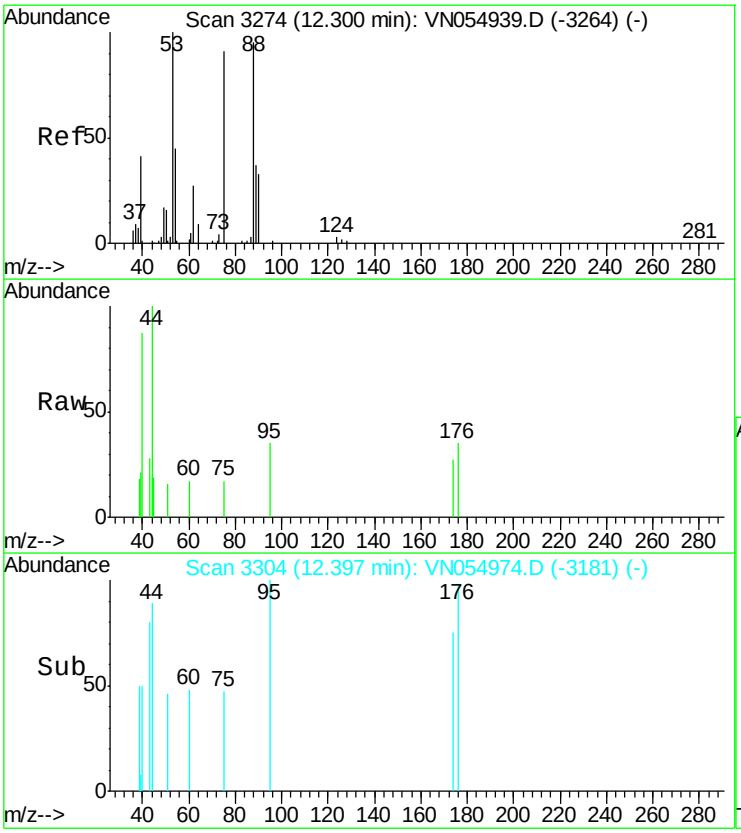
#76
1,2,3-Trichloropropane
Concen: 46.640 ug/l
RT: 12.41 min Scan# 3309
Delta R.T. -0.14 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
S8-TB-2019-1

Tgt Ion: 75 Resp: 140

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 76.203 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN054974.D
Acq: 5 Apr 2019 17:21

Tgt Ion: 75 Resp: 64

Ion	Ratio	Lower	Upper
75	100		
53	0.0	92.8	139.2#
89	0.0	36.7	55.1#