Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032819\
Data File : VN054755.D
Acq On : 28 Mar 2019 19:55
Operator : JC/SP
Sample : K2111-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S5(23)

Quant Time: Mar 29 05:06:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	546947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	897001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	738960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	260036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	361470	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.26%			
35) Dibromofluoromethane	7.59	113	286468	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.14%			
50) Toluene-d8	10.09	98	1045421	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.24%			
62) 4-Bromofluorobenzene	12.40	95	321034	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.86%			
Target Compounds						Qvalue
13) Acrolein	3.61	56	397	0.698	ug/l #	14
16) Acetone	3.83	43	9410	4.601	ug/l #	79
18) Methyl Acetate	4.34	43	4687	1.028	ug/l #	69
20) Methylene Chloride	4.55	84	15814	2.623	ug/l #	85
25) 2-Butanone	6.85	43	849	0.324	ug/l	93
29) Tetrahydrofuran	7.23	42	977	0.575	ug/l #	51
31) Cyclohexane	7.67	56	11657	Below Cal	#	21
36) 1,1-Dichloropropene	7.66	75	41059	4.896	ug/l #	47
38) Carbon Tetrachloride	7.67	117	50469	6.192	ug/l #	16
43) Isopropyl Acetate	8.17	43	14587	1.448	ug/l	97
45) 1,2-Dichloropropane	9.27	63	1527	0.237	ug/l #	43
48) Methyl methacrylate	9.18	41	6677	1.221	ug/l #	11
49) 1,4-Dioxane	9.27	88	67	1.096	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	7540	1.350	ug/l #	36
53) t-1,3-Dichloropropene	10.34	75	67	2.240	ug/l #	76
54) cis-1,3-Dichloropropene	9.91	75	49938	5.462	ug/l #	72
57) 1,3-Dichloropropane	10.76	76	9679	1.050	ug/l #	43
59) 2-Hexanone	10.77	43	156902	43.024	ug/l #	47
71) Bromoform	12.40	173	1582	2.627	ug/l #	1
74) N-amyl acetate	11.88	43	16744	2.779	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	166832	40.431	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	166832	133.709	ug/l #	11

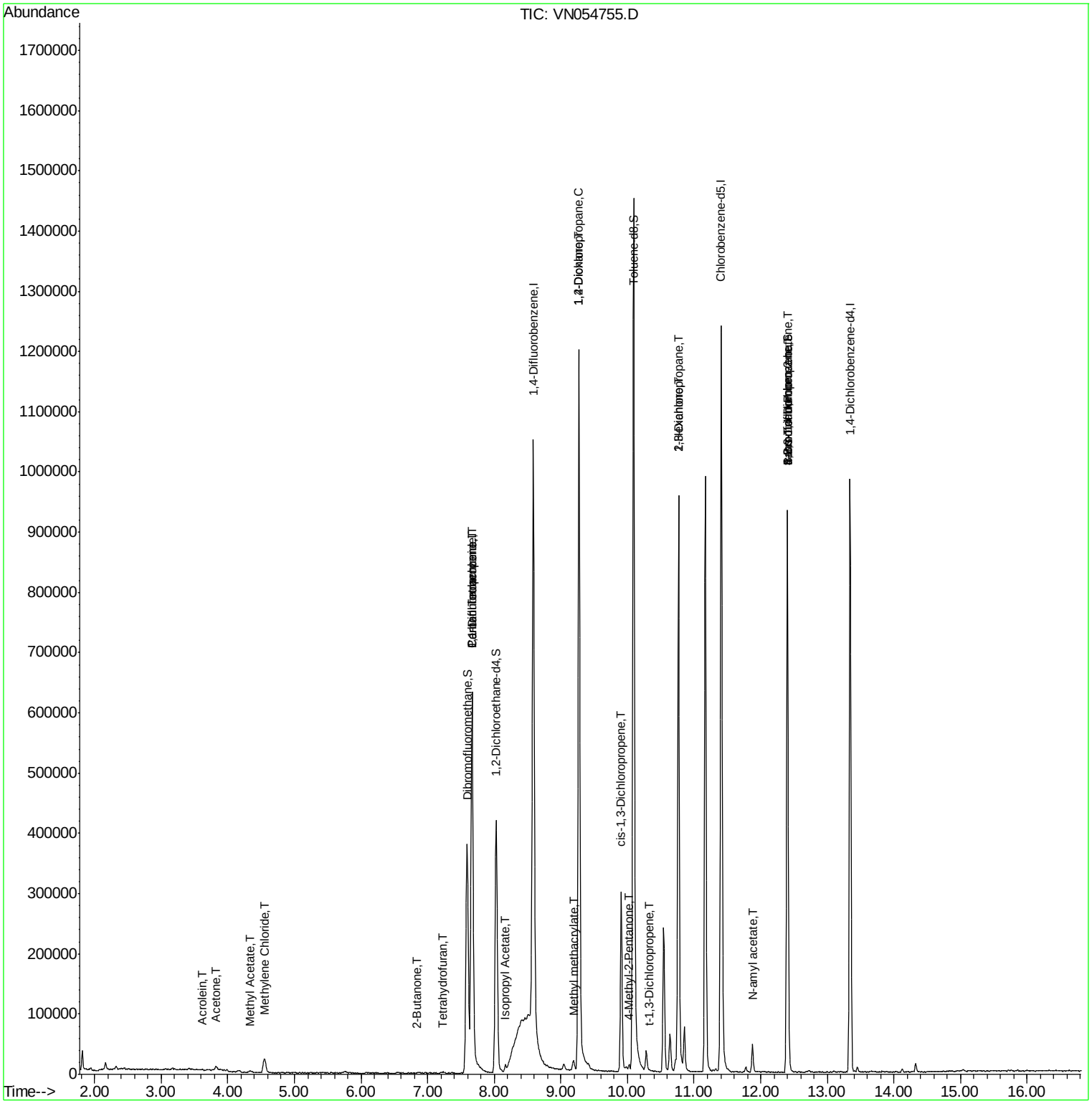
(#) = qualifier out of range (m) = manual integration (+) = signals summed

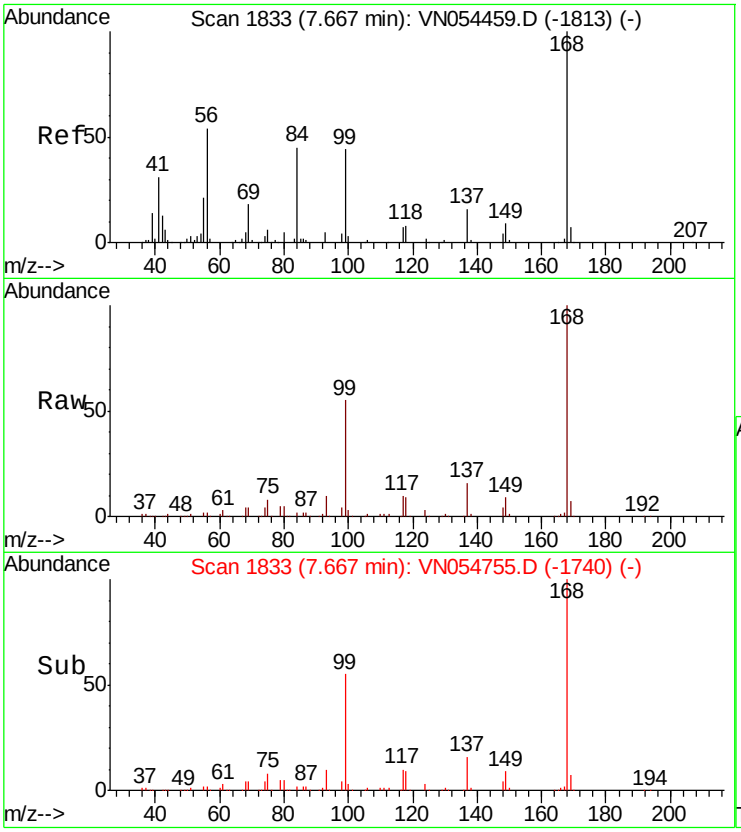
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032819\
Data File : VN054755.D
Acq On : 28 Mar 2019 19:55
Operator : JC/SP
Sample : K2111-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Quant Time: Mar 29 05:06:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration



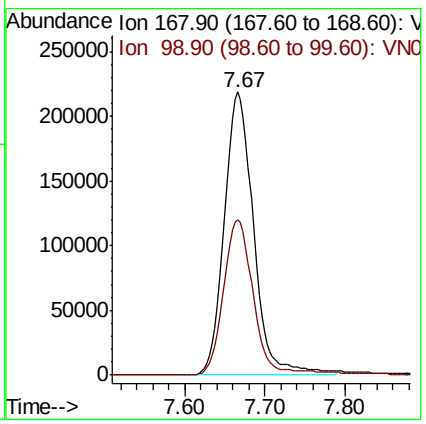


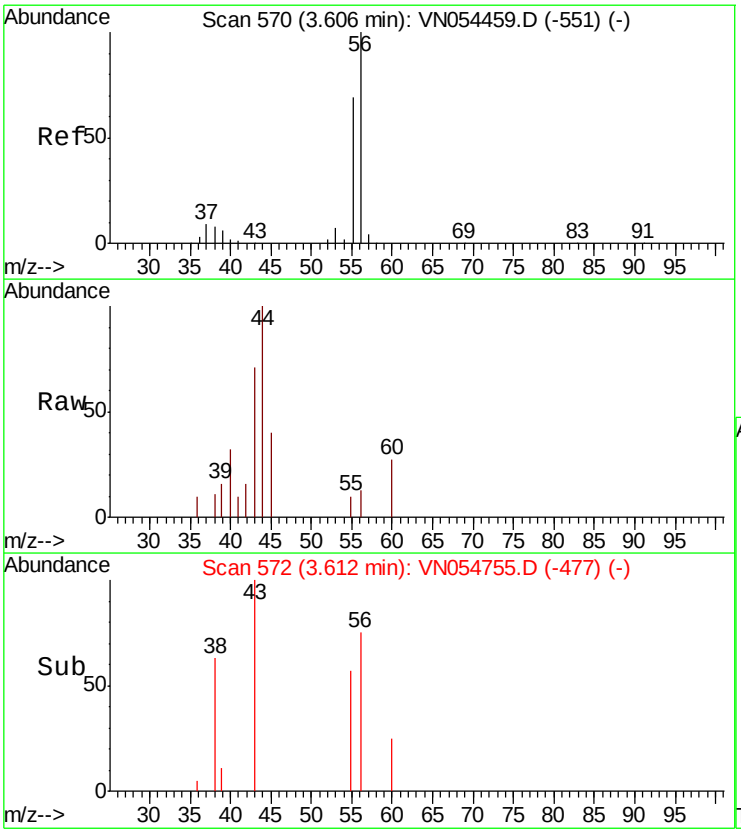
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion:168 Resp: 546947

Ion	Ratio	Lower	Upper
168	100		
99	54.9	37.1	55.7

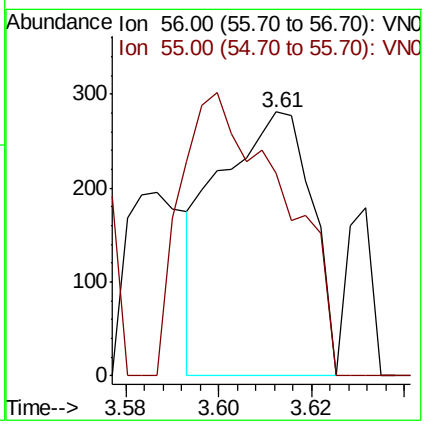


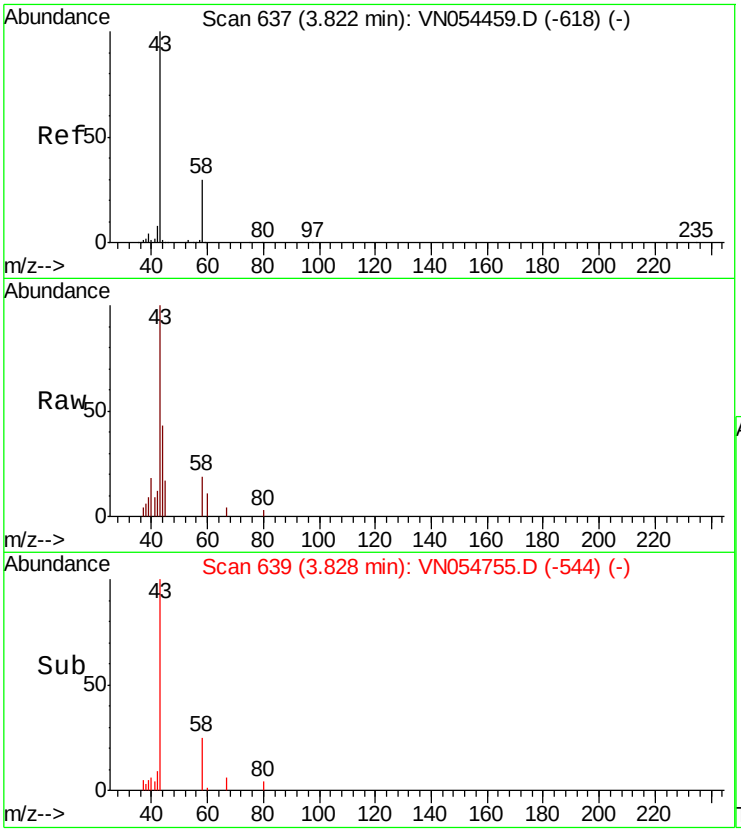


#13
Acrolein
Concen: 0.698 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 56 Resp: 397

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#



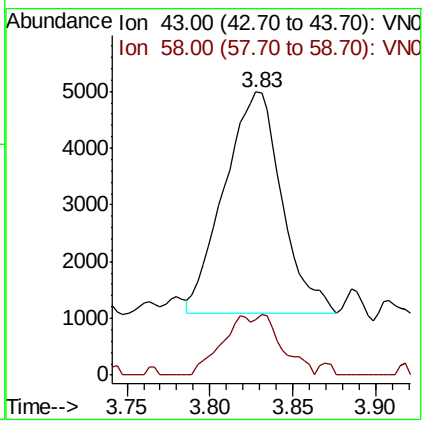


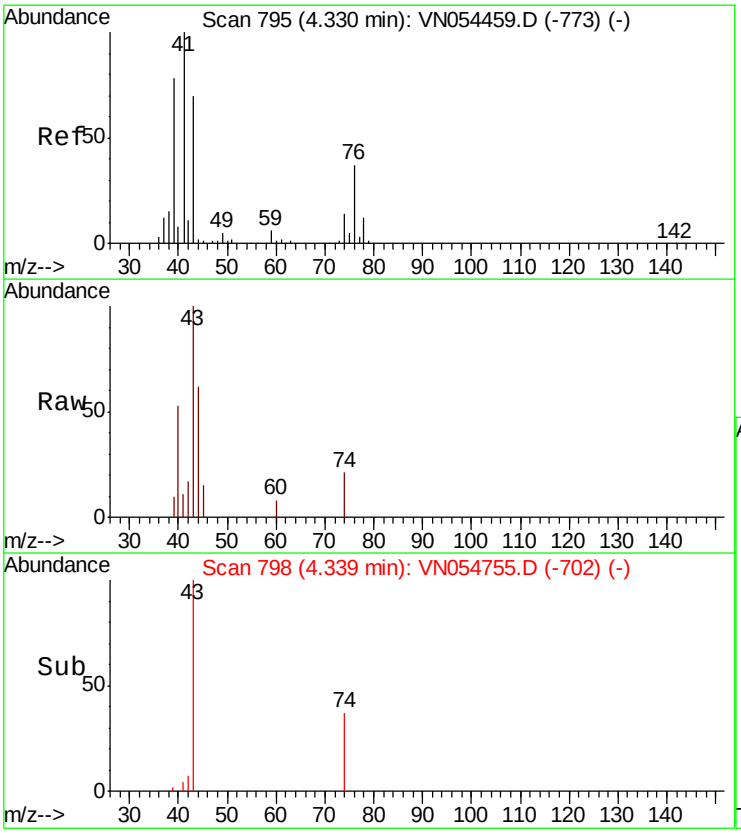
#16
Acetone
Concen: 4.601 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion: 43 Resp: 9410

Ion	Ratio	Lower	Upper
43	100		
58	24.9	29.9	44.9#

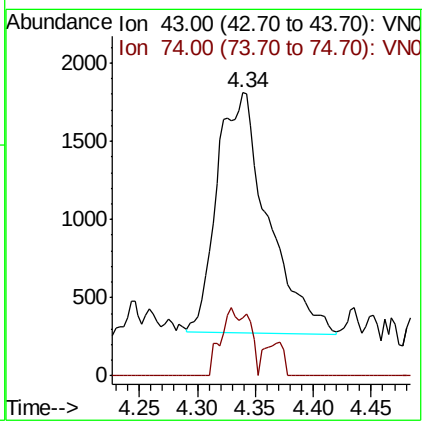


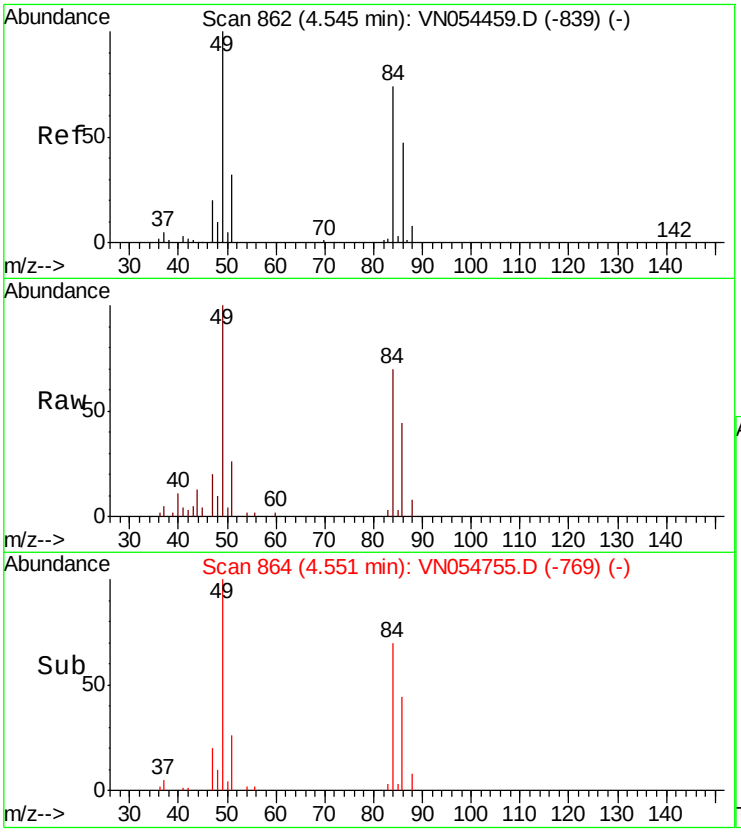


#18
Methyl Acetate
Concen: 1.028 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 43 Resp: 4687

Ion	Ratio	Lower	Upper
43	100		
74	10.0	20.8	31.2#



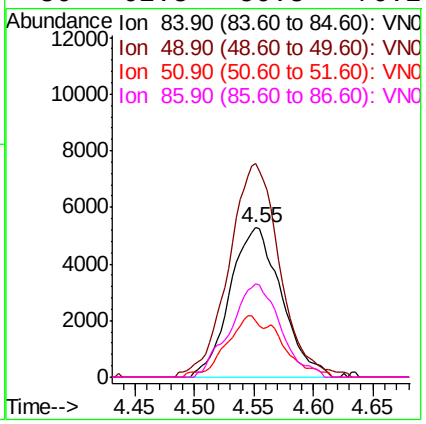


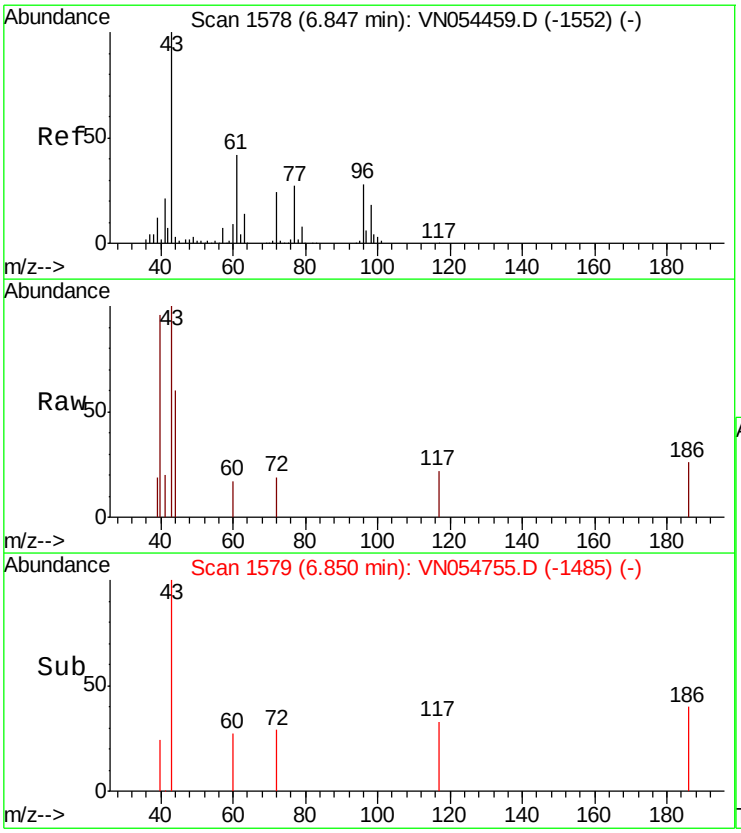
#20
Methylene Chloride
Concen: 2.623 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument : MSVOA_N
ClientSampleId : S5(23)

Tgt Ion: 84 Resp: 15814

Ion	Ratio	Lower	Upper
84	100		
49	139.2	89.7	134.5#
51	37.9	28.2	42.4
86	62.3	50.8	76.2

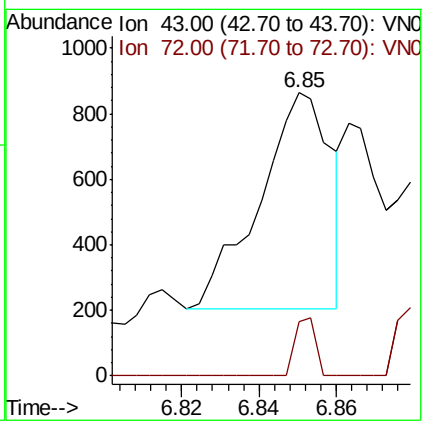


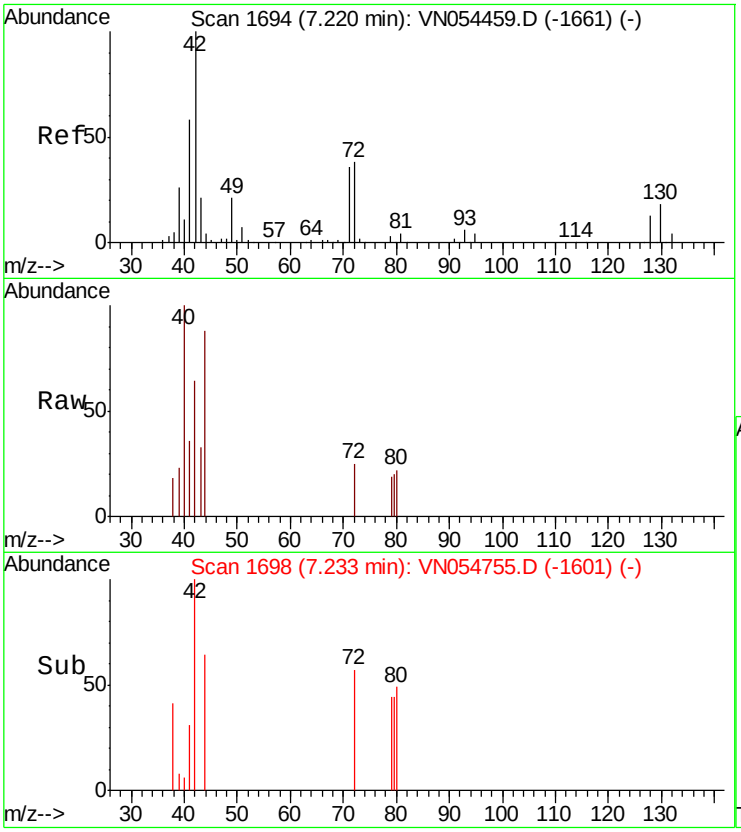


#25
2-Butanone
Concen: 0.324 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 43 Resp: 849

Ion	Ratio	Lower	Upper
43	100		
72	24.8	23.0	34.6



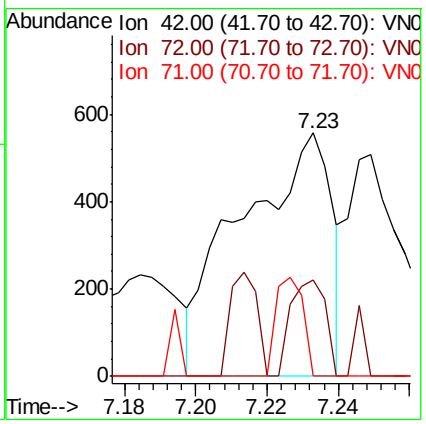


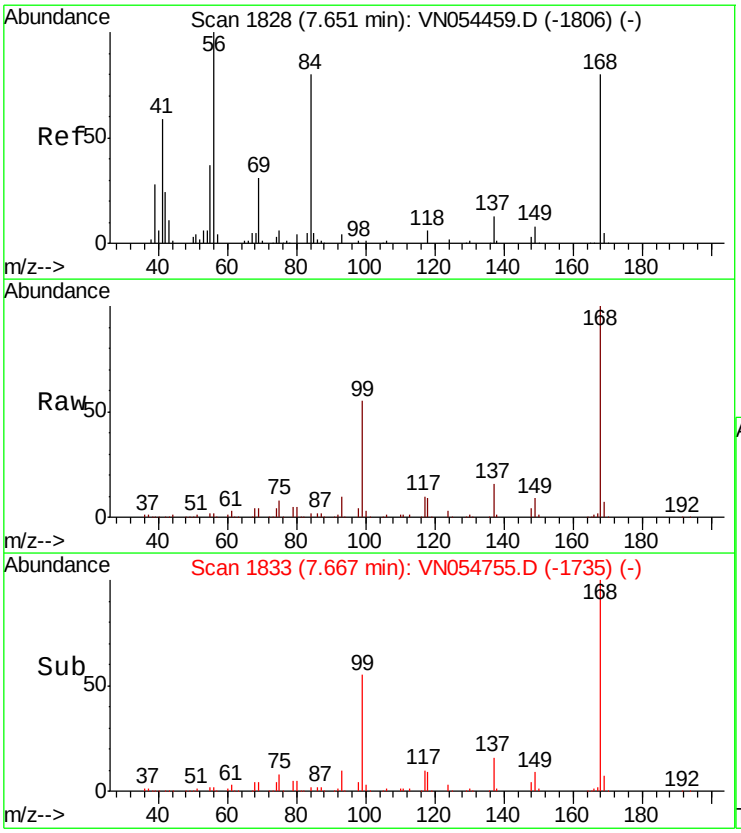
#29
Tetrahydrofuran
Concen: 0.575 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion: 42 Resp: 977

Ion	Ratio	Lower	Upper
42	100		
72	15.1	37.8	56.6#
71	12.3	36.2	54.2#

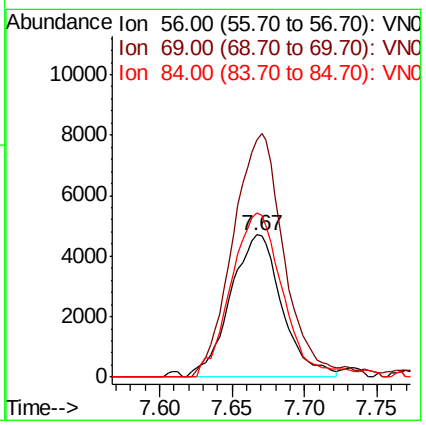


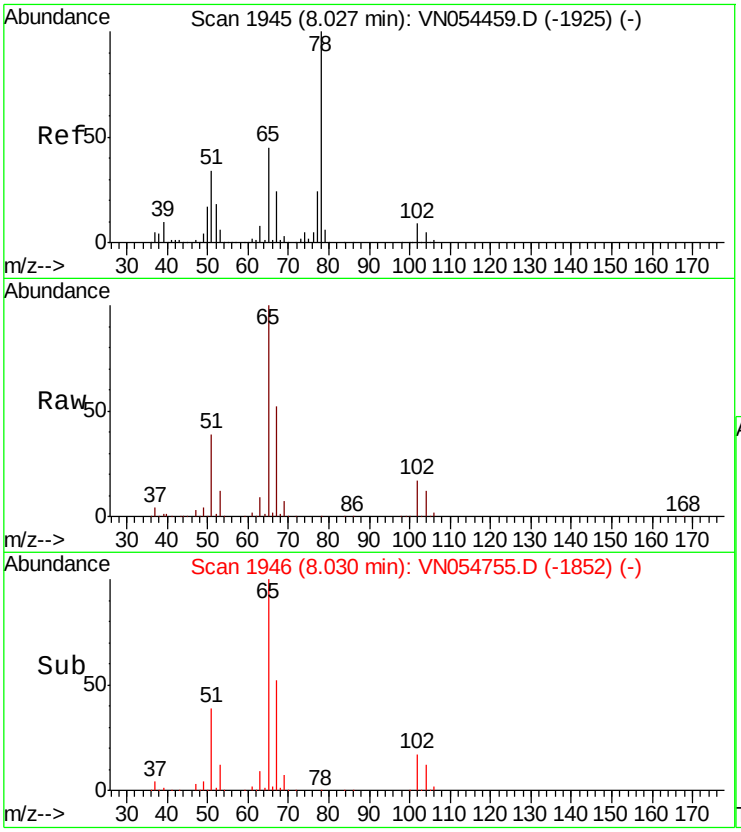


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 56 Resp: 11657

Ion	Ratio	Lower	Upper
56	100		
69	166.3	27.8	41.6#
84	115.7	74.6	111.8#



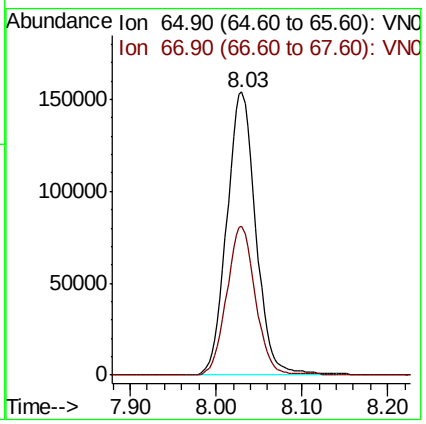


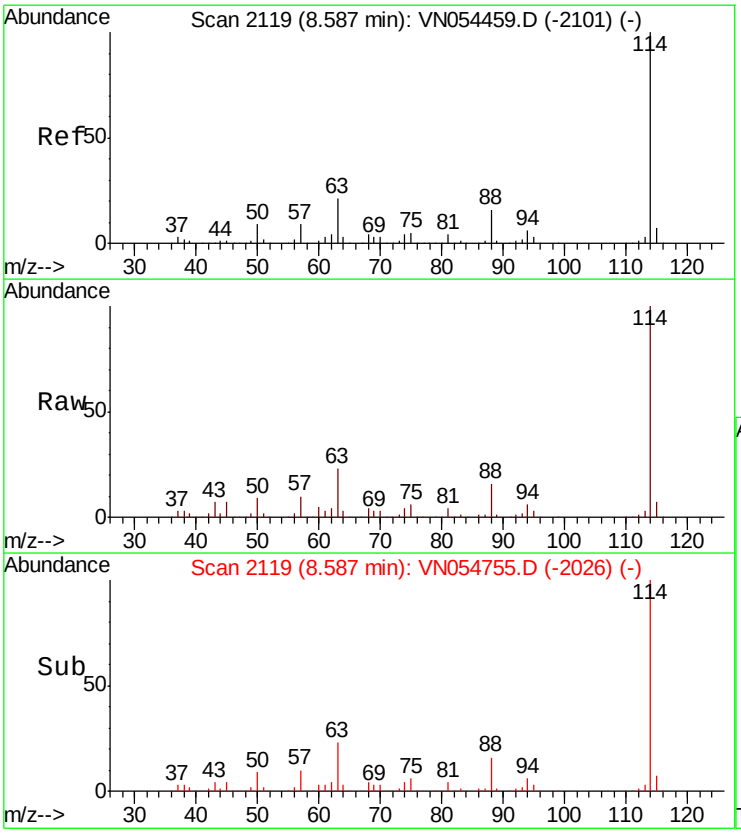
#33
1,2-Dichloroethane-d4
Concen: 53.133 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument : MSVOA_N
ClientSampleId : S5(23)

Tgt Ion: 65 Resp: 361470

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6

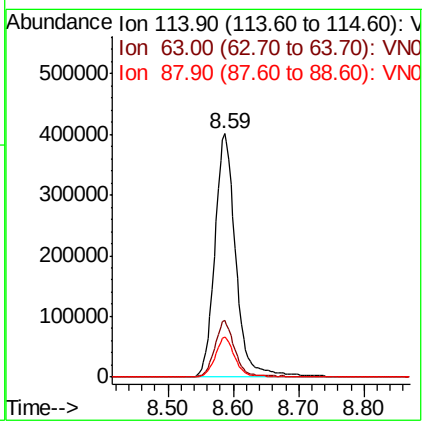


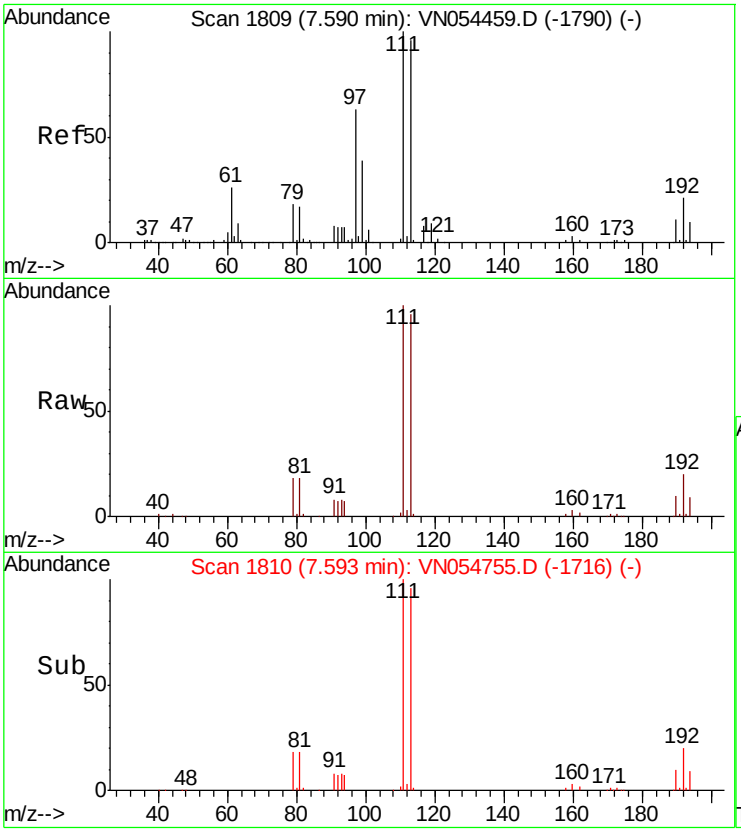


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion:114 Resp: 897001

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	35.2
88	16.4	0.0	30.2



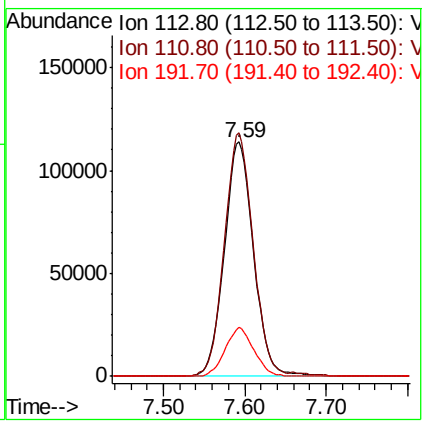


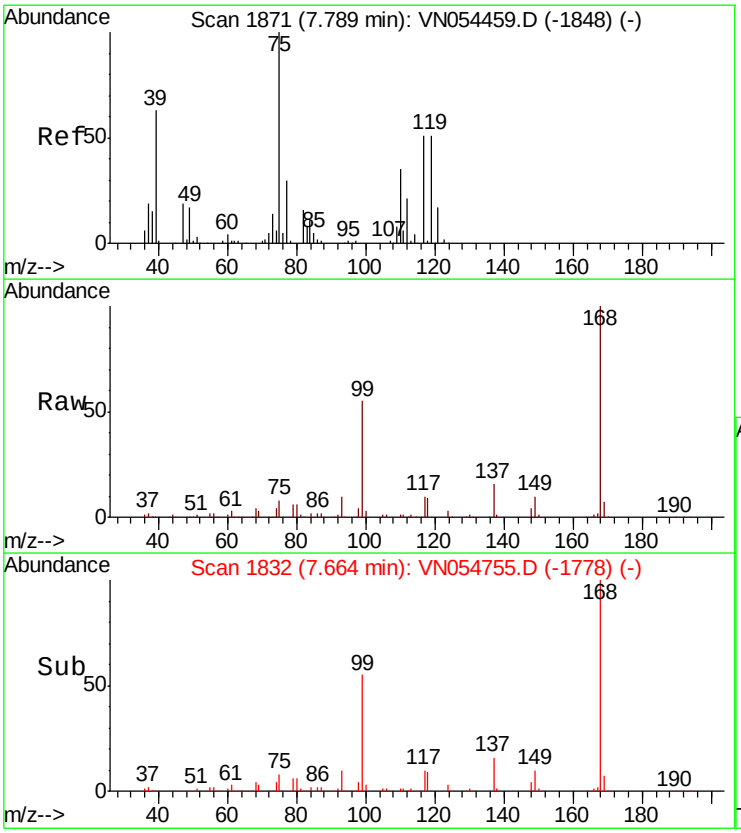
#35
Dibromofluoromethane
Concen: 49.571 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion:113 Resp: 286468

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	20.4	19.2	28.8

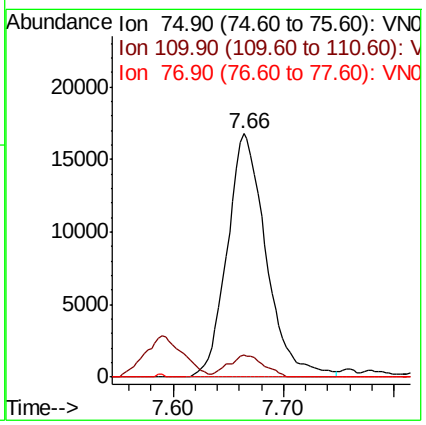


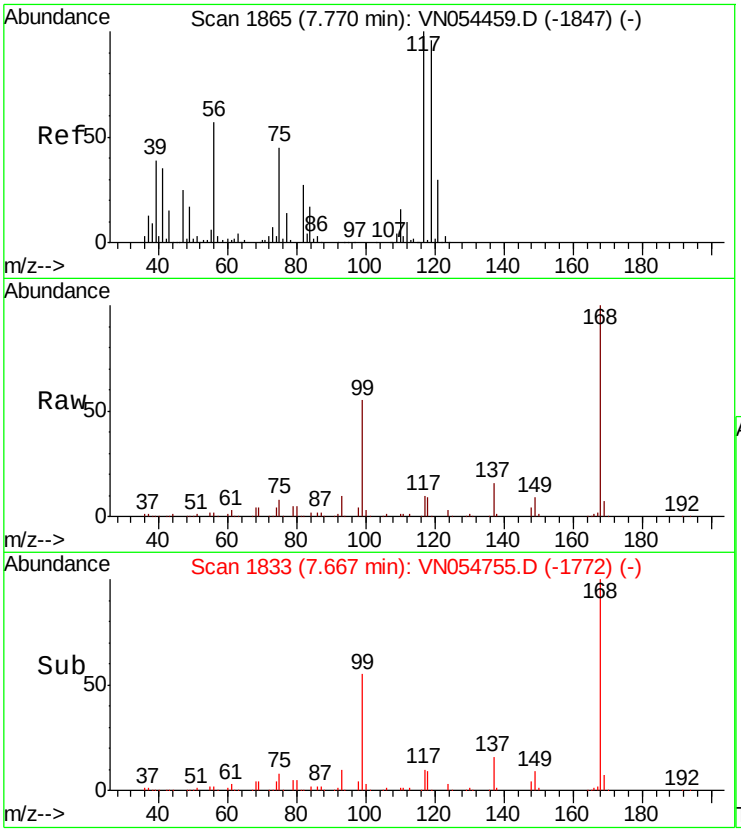


#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 75 Resp: 41059

Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.1	57.5#
77	0.0	25.0	37.4#



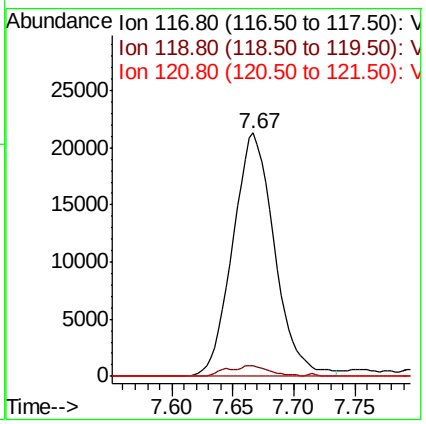


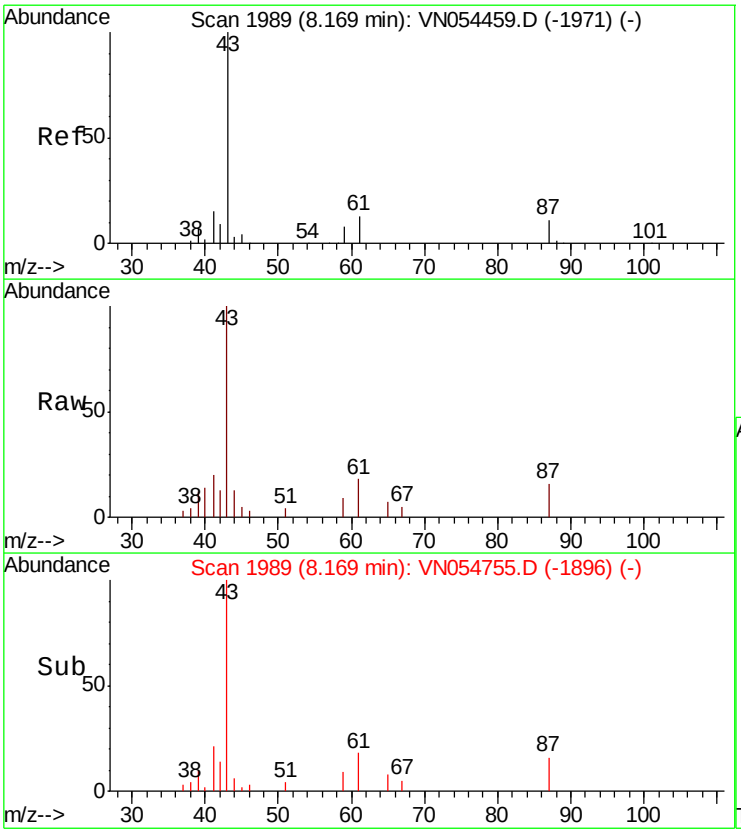
#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion:117 Resp: 50469

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.3	114.5#
121	0.0	24.6	36.8#

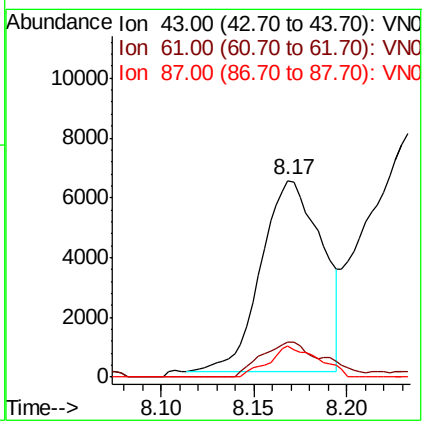


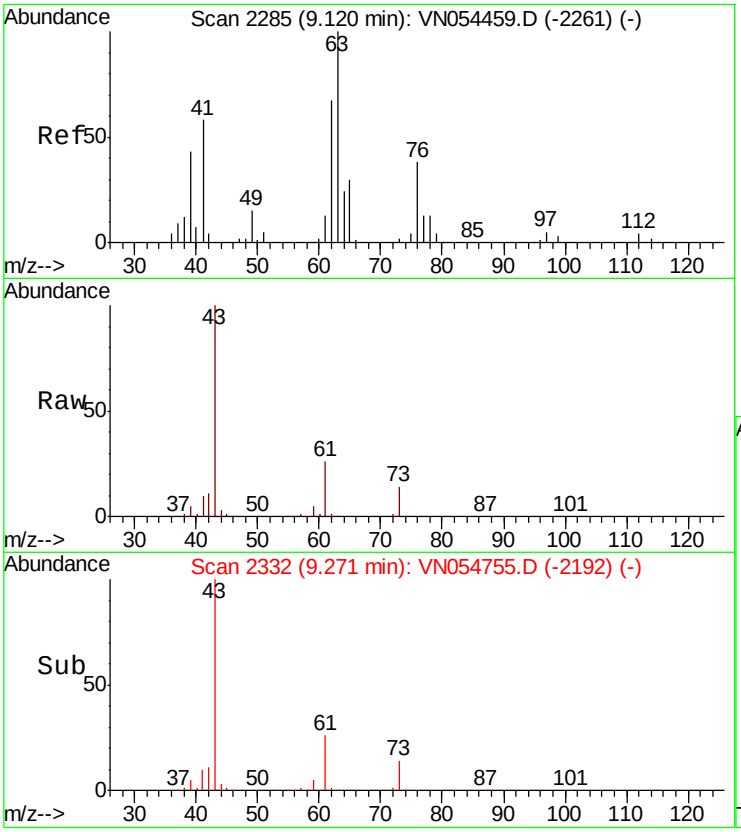


#43
Isopropyl Acetate
Concen: 1.448 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 43 Resp: 14587

Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.8	23.8
87	13.2	12.0	18.0



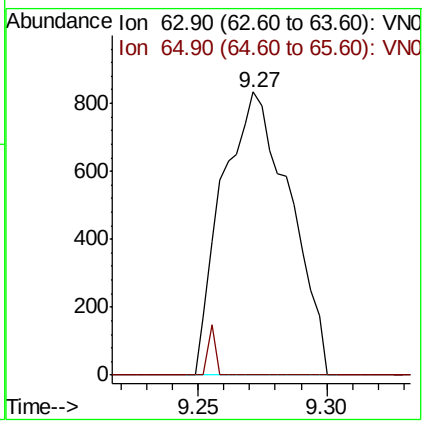


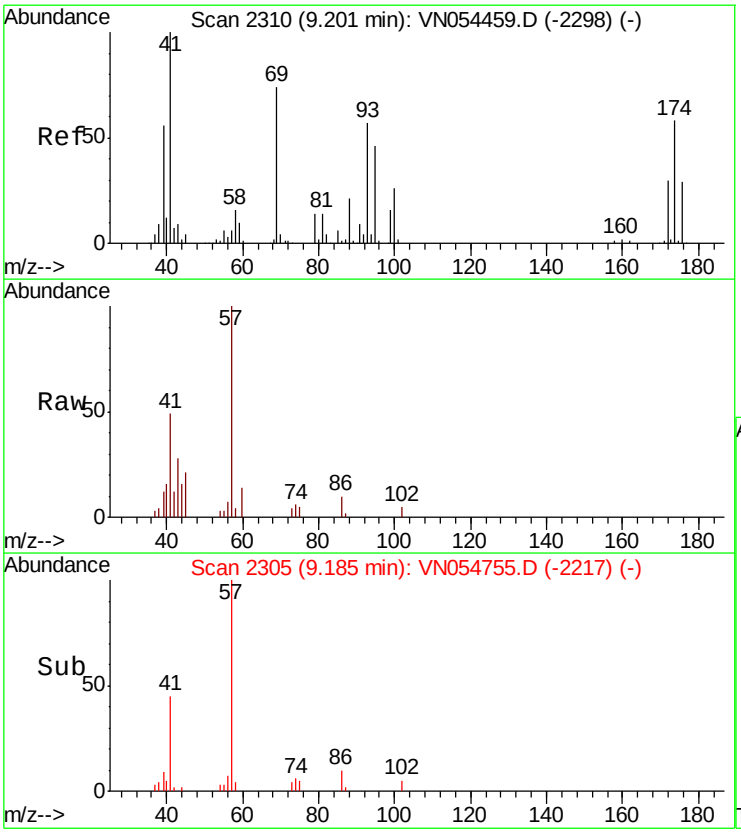
#45
1,2-Dichloropropane
Concen: 0.237 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion: 63 Resp: 1527

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

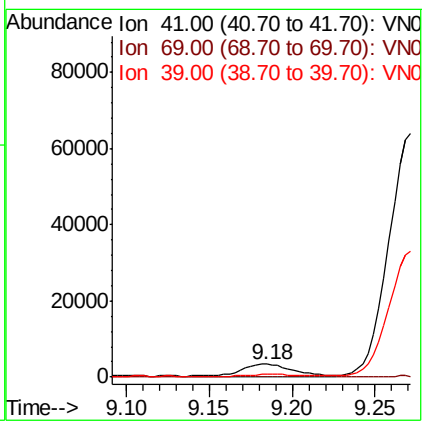


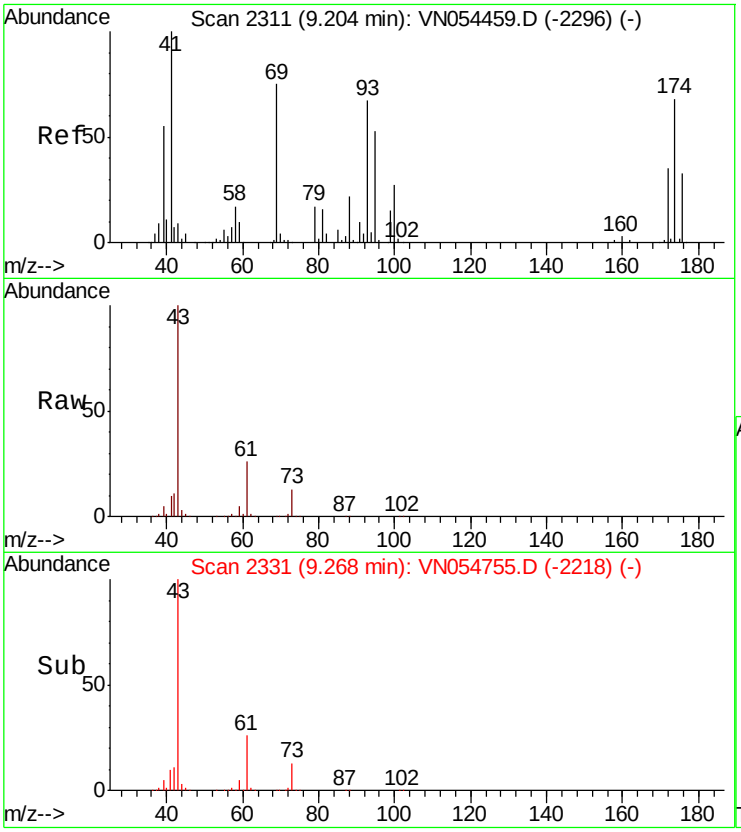


#48
Methyl methacrylate
Concen: 1.221 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 41 Resp: 6677

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



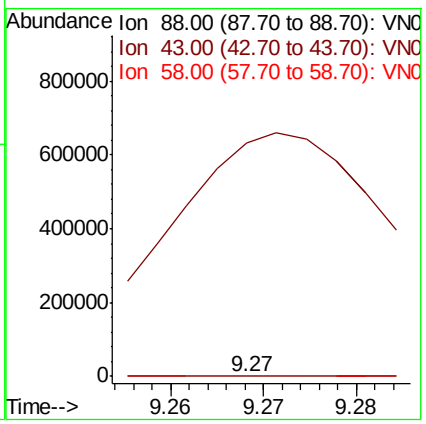


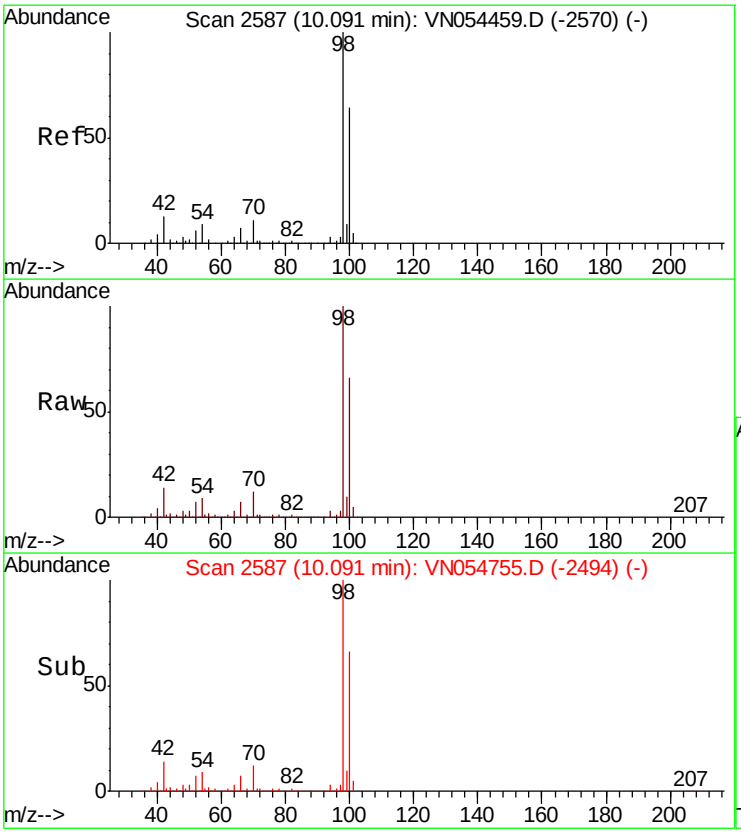
#49
1,4-Dioxane
Concen: 1.096 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument : MSVOA_N
ClientSampleId : S5(23)

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	1928220.9	24.1	36.1#
58	7926.9	50.8	76.2#

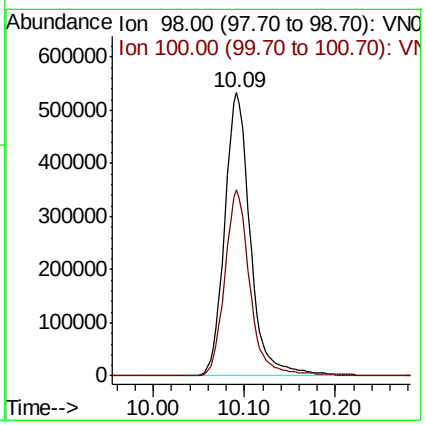


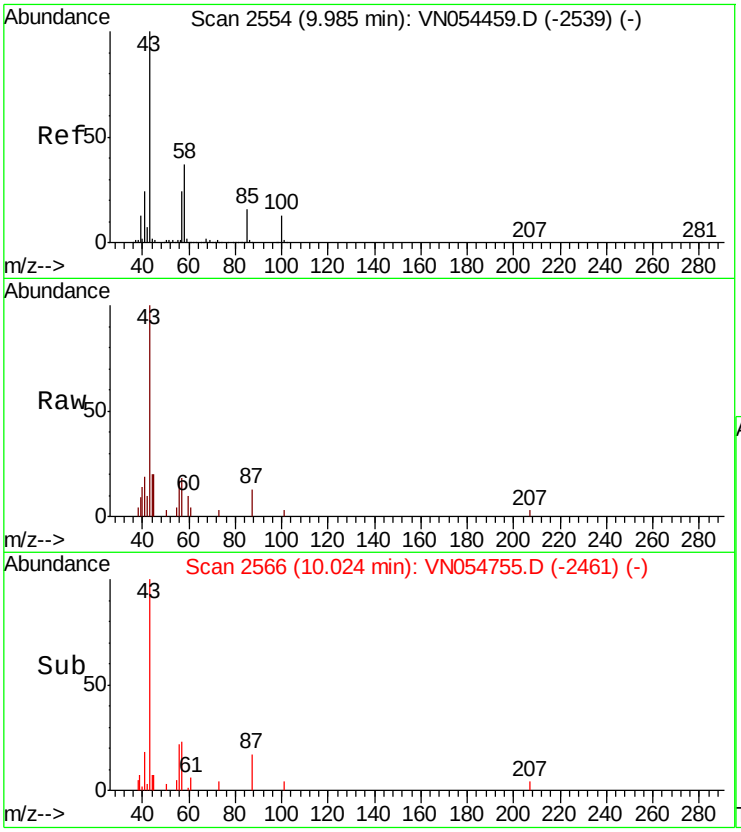


#50
Toluene-d8
Concen: 48.120 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 98 Resp: 1045421

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.2	76.8



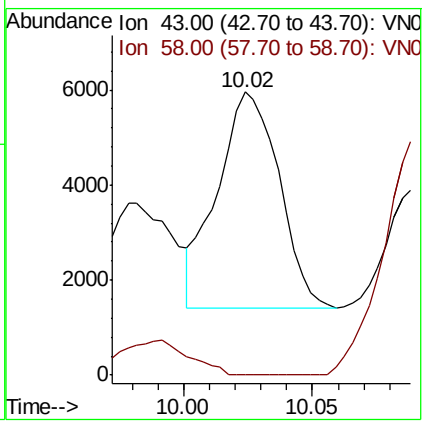


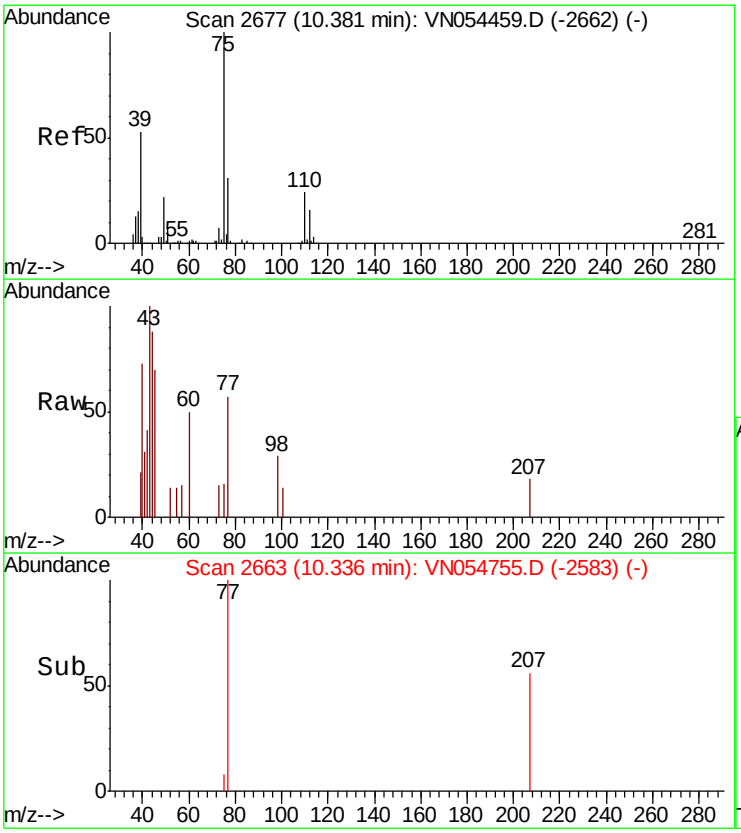
#51
4-Methyl-2-Pentanone
Concen: 1.350 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument : MSVOA_N
ClientSampleId : S5(23)

Tgt Ion: 43 Resp: 7540

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#

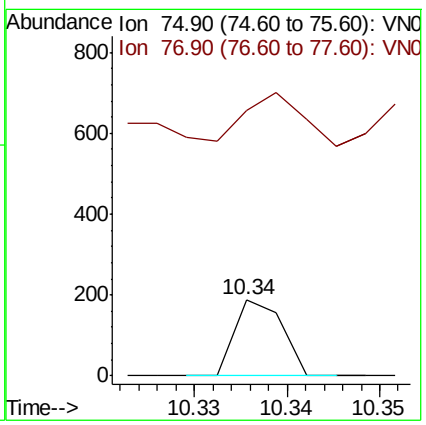


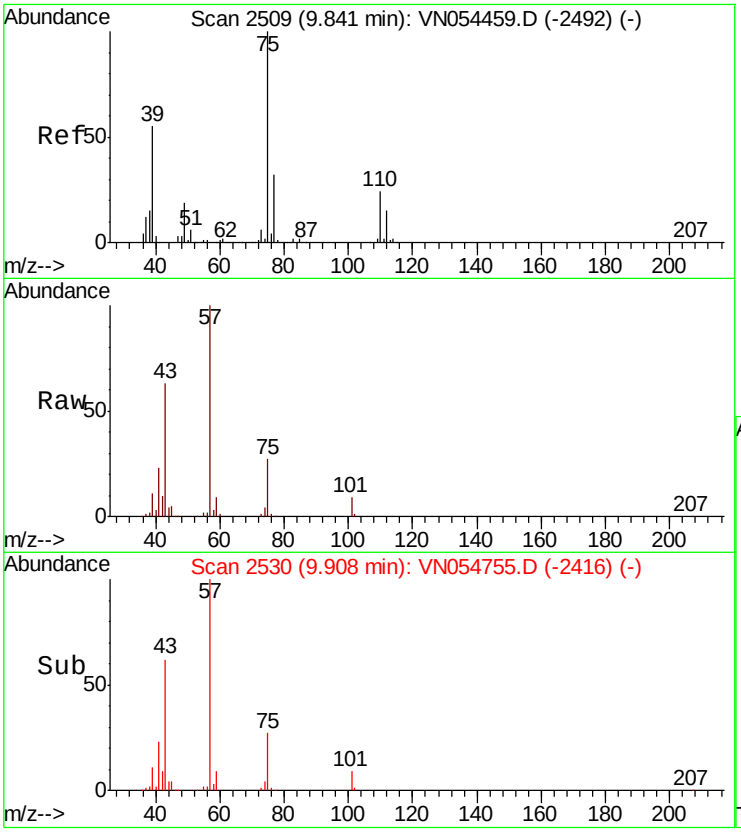


#53
t-1,3-Dichloropropene
Concen: 2.240 ug/l
RT: 10.34 min Scan# 2663
Delta R.T. -0.04 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 75 Resp: 67

Ion	Ratio	Lower	Upper
75	100		
77	45.5	25.8	38.8#



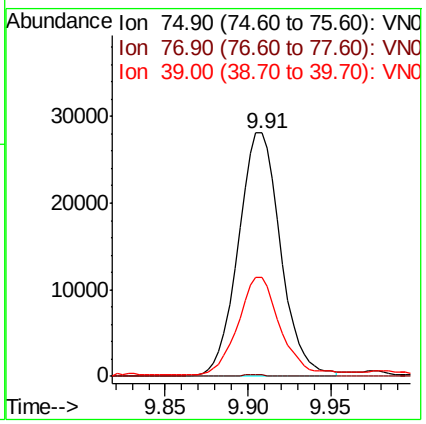


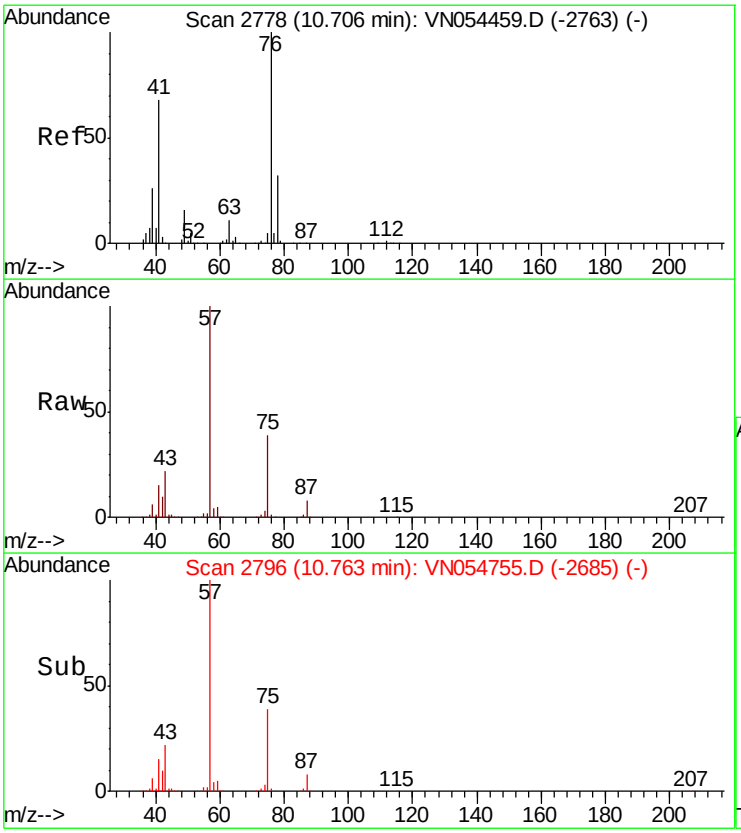
#54
cis-1,3-Dichloropropene
Concen: 5.462 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion: 75 Resp: 49938

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.4	38.0#
39	40.1	37.2	55.8

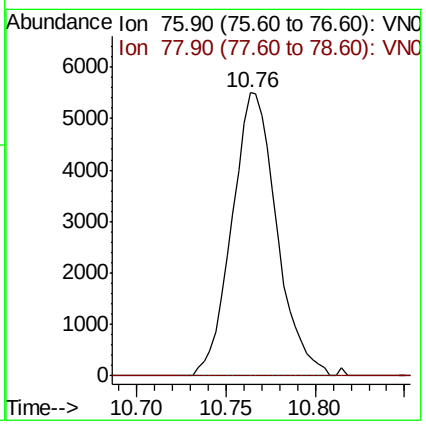


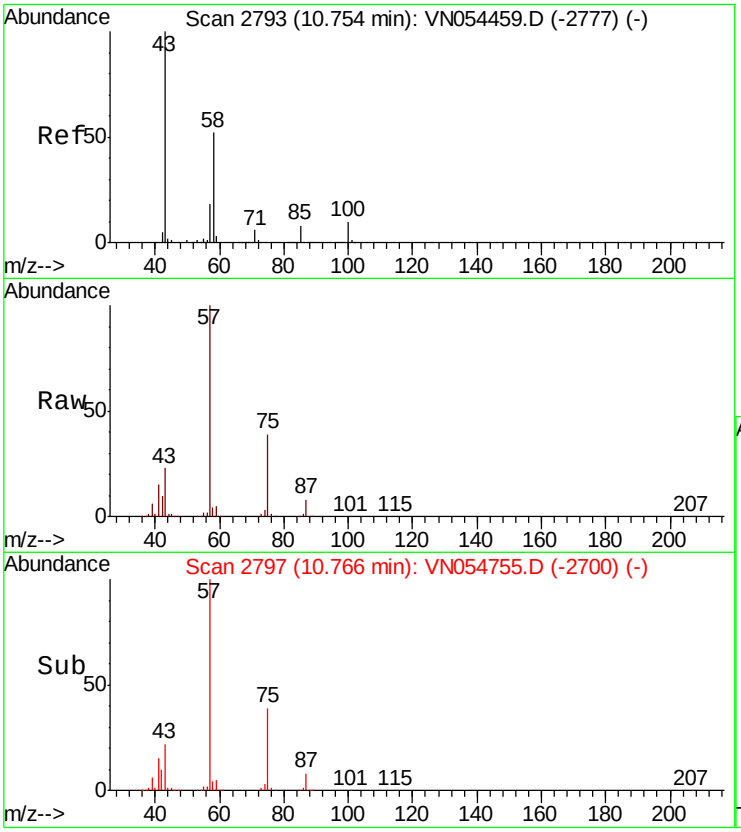


#57
1,3-Dichloropropane
Concen: 1.050 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 76 Resp: 9679

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



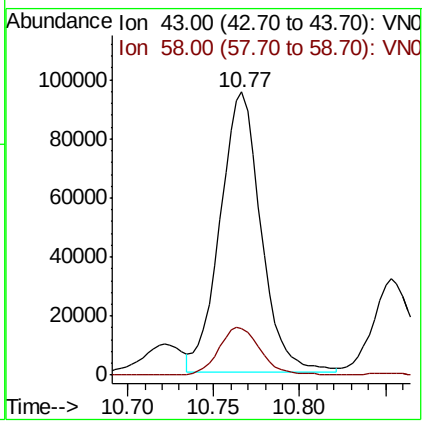


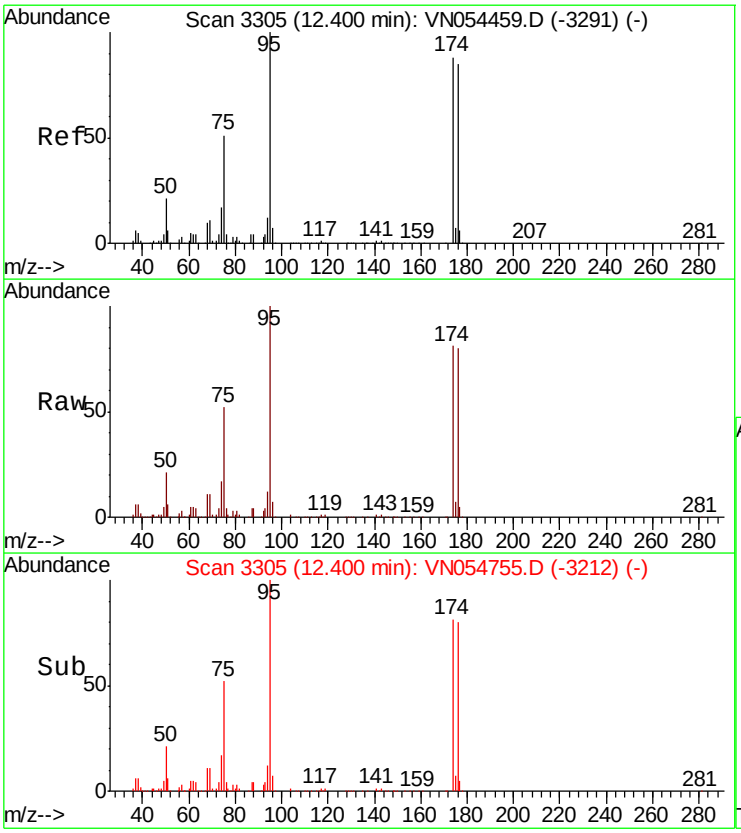
#59
2-Hexanone
Concen: 43.024 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion: 43 Resp: 156902

Ion	Ratio	Lower	Upper
43	100		
58	17.5	28.0	83.9#

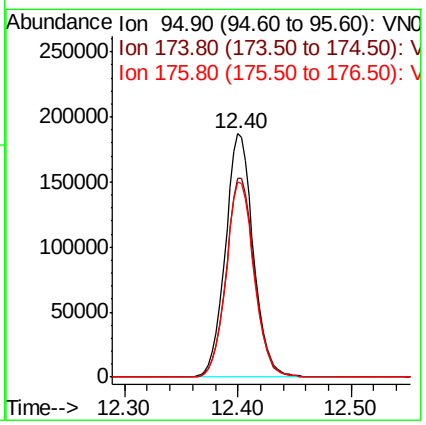


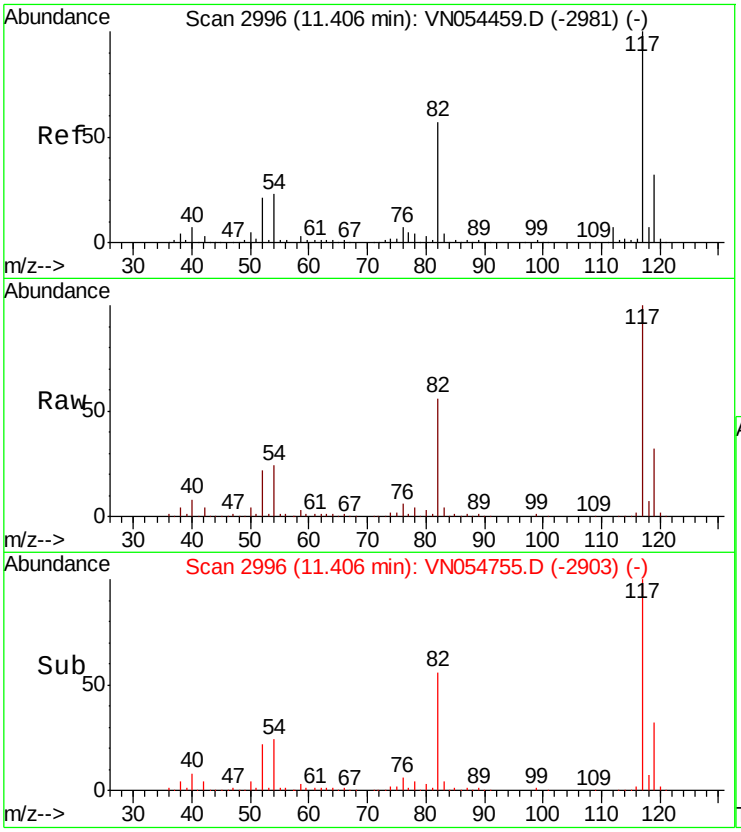


#62
4-Bromofluorobenzene
Concen: 43.426 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 95 Resp: 321034

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	191.0
176	80.6	0.0	187.4



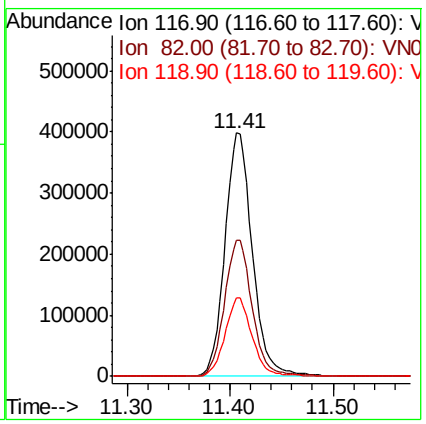


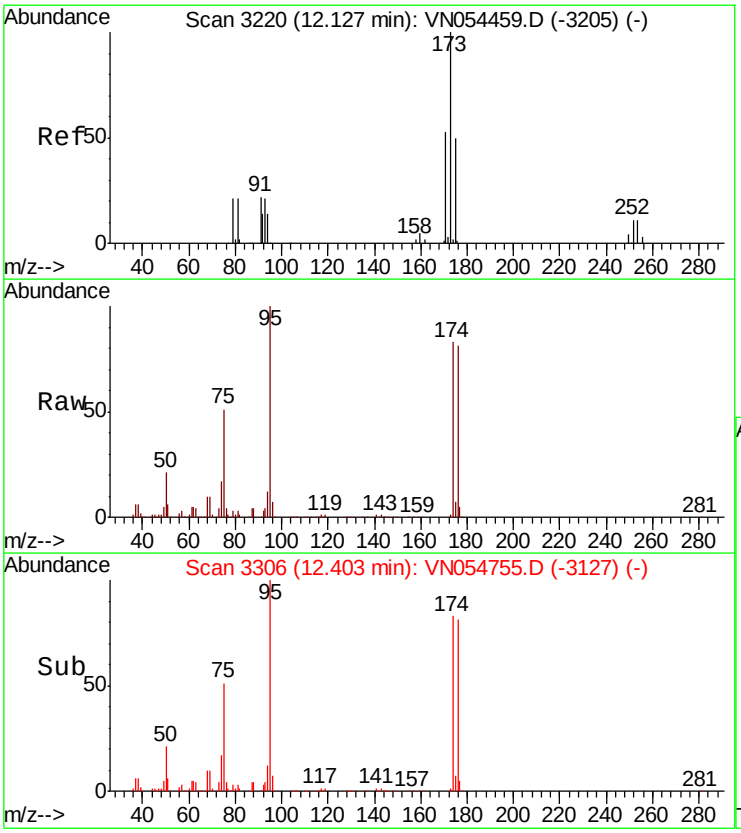
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument : MSVOA_N
ClientSampleId : S5(23)

Tgt Ion:117 Resp: 738960

Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.0	60.0
119	32.1	25.8	38.6

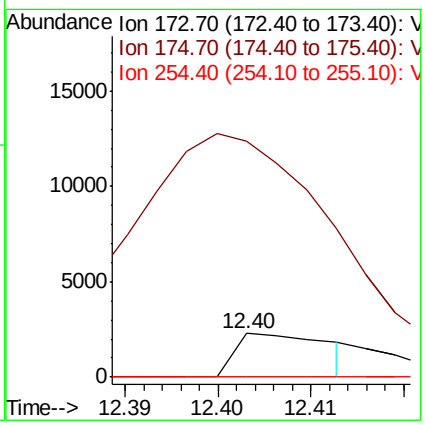


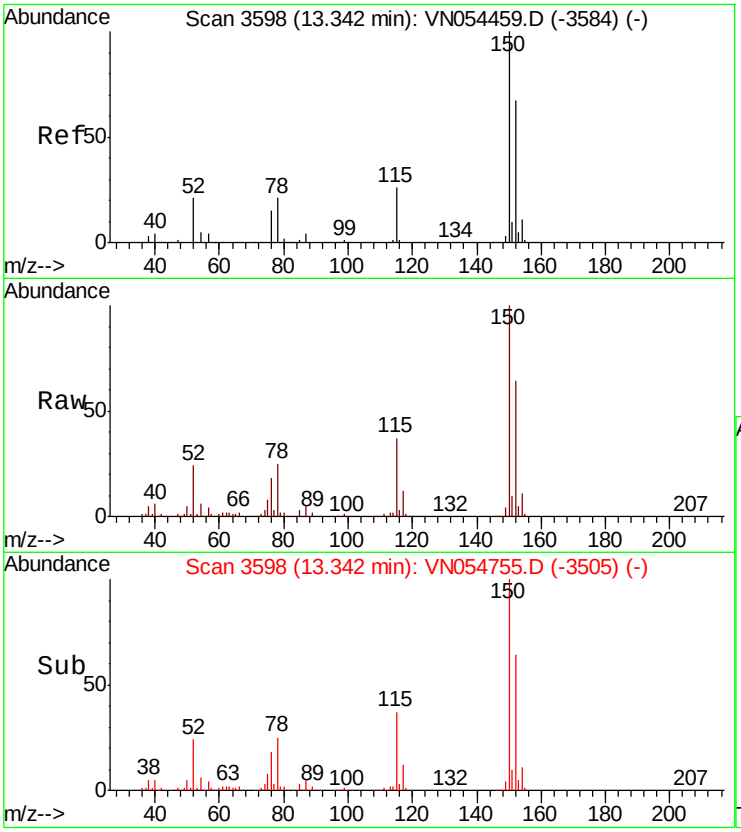


#71
Bromoform
Concen: 2.627 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion:173 Resp: 1582

Ion	Ratio	Lower	Upper
173	100		
175	1182.0	24.4	73.2#
254	0.0	0.1	0.1#



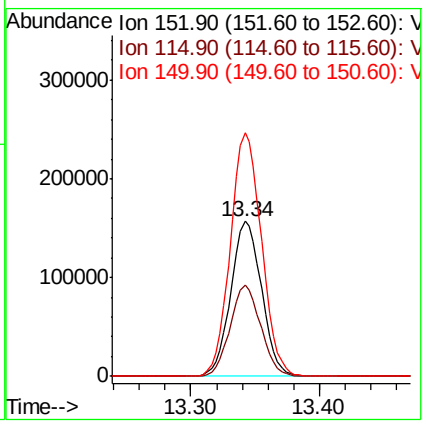


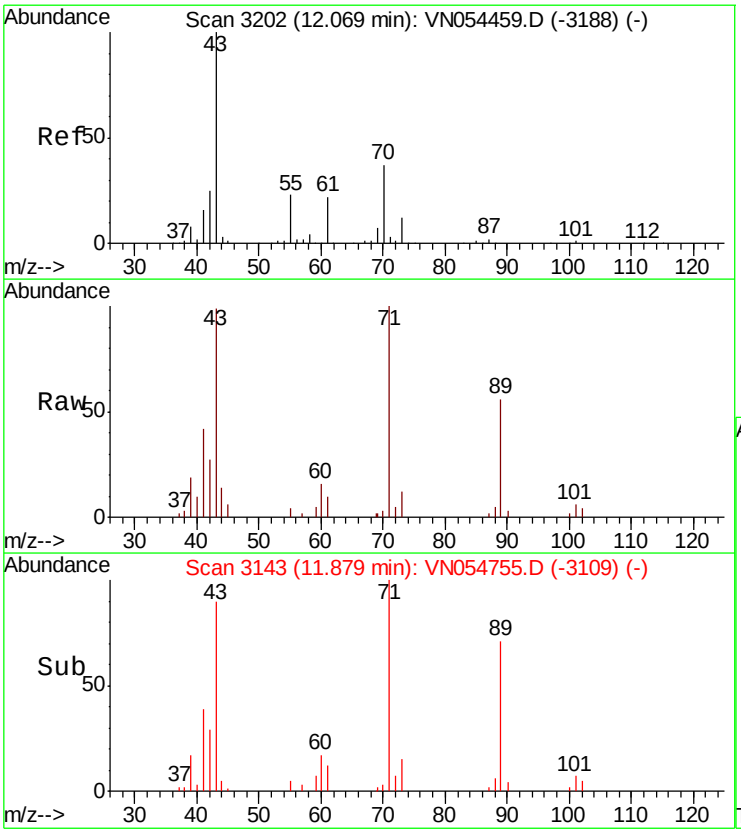
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion:152 Resp: 260036

Ion	Ratio	Lower	Upper
152	100		
115	58.4	27.2	81.6
150	158.3	0.0	349.2

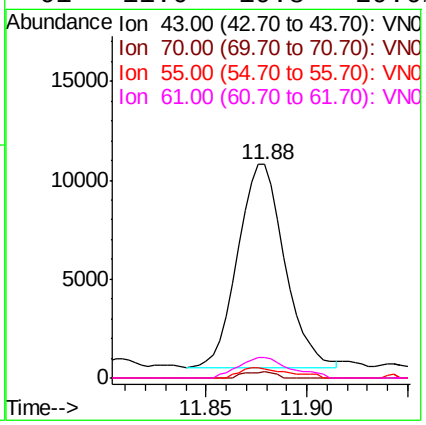


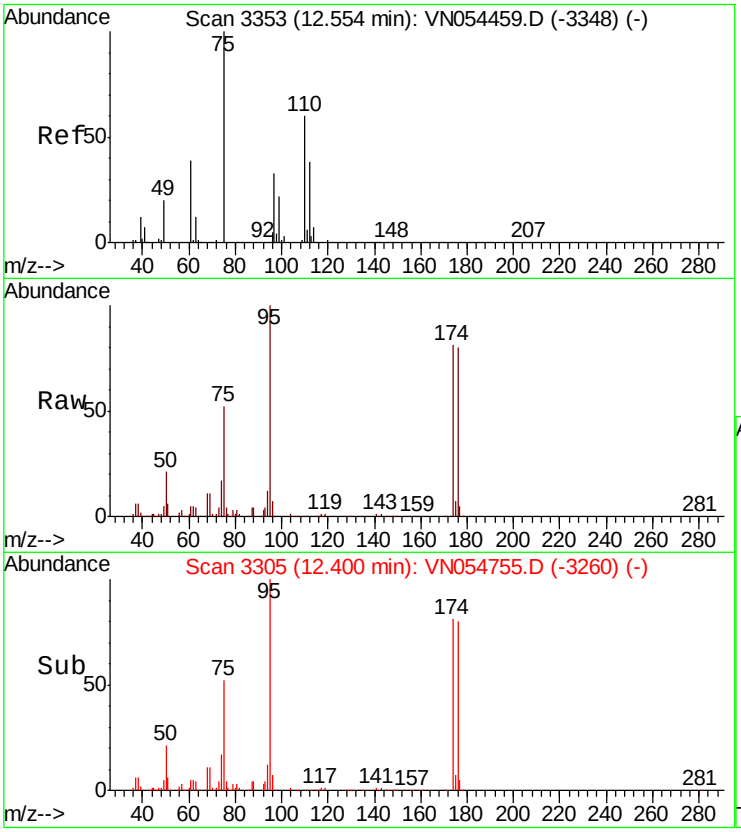


#74
N-amyl acetate
Concen: 2.779 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 43 Resp: 16744

Ion	Ratio	Lower	Upper
43	100		
70	2.0	35.4	53.0#
55	5.1	19.8	29.6#
61	11.0	19.8	29.6#



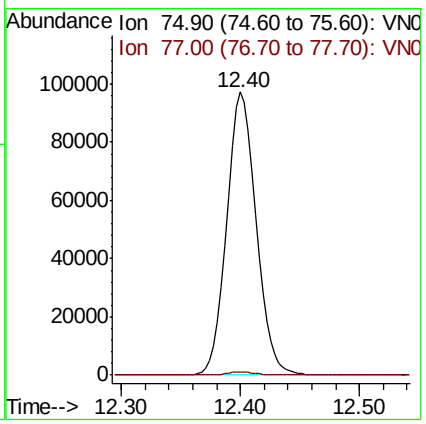


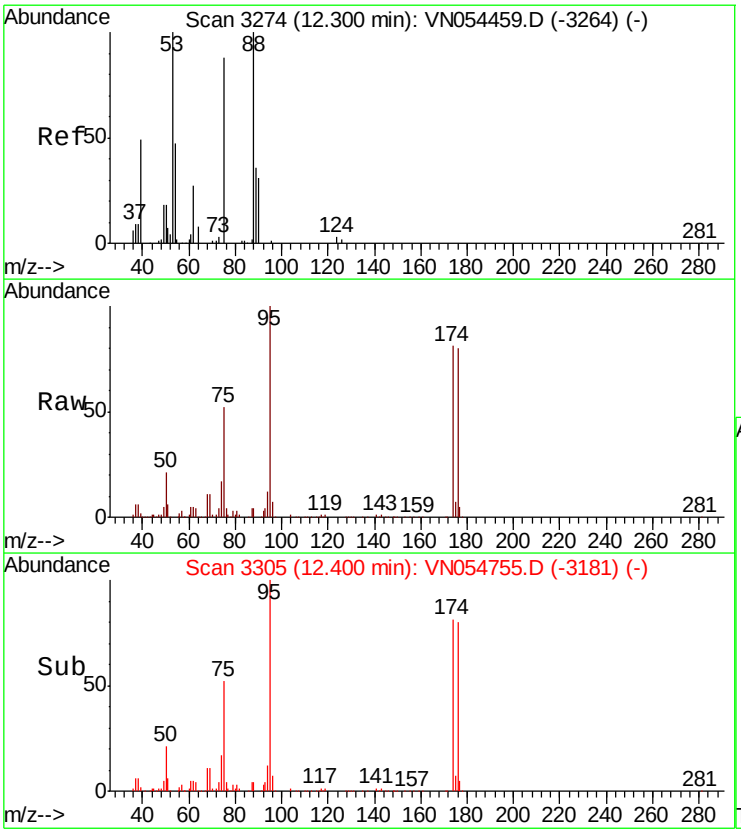
#76
1,2,3-Trichloropropane
Concen: 40.431 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Instrument :
MSVOA_N
ClientSampleId :
S5(23)

Tgt Ion: 75 Resp: 166832

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.709 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054755.D
Acq: 28 Mar 2019 19:55

Tgt Ion: 75 Resp: 166832

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