Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032519\
Data File : VN054677.D
Acq On : 25 Mar 2019 17:11
Operator : JC/SP
Sample : K2071-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DRUM-1

Quant Time: Mar 26 01:27:30 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	564824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	901538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	748400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	280814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	371140	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.66%			
35) Dibromofluoromethane	7.59	113	292630	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.76%			
50) Toluene-d8	10.09	98	1078708	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.80%			
62) 4-Bromofluorobenzene	12.40	95	331808	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.32%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.81	59	870	2.045	ug/l #	70
13) Acrolein	3.61	56	378	0.644	ug/l #	38
16) Acetone	3.82	43	10408	4.928	ug/l #	80
18) Methyl Acetate	4.34	43	2525	0.536	ug/l #	72
20) Methylene Chloride	4.55	84	17459	2.804	ug/l #	83
25) 2-Butanone	6.87	43	3055	1.129	ug/l #	46
29) Tetrahydrofuran	7.23	42	1354	0.771	ug/l #	51
31) Cyclohexane	7.66	56	12339	Below Cal	#	31
36) 1,1-Dichloropropene	7.67	75	41929	4.974	ug/l #	48
38) Carbon Tetrachloride	7.66	117	54865	6.698	ug/l #	16
43) Isopropyl Acetate	8.18	43	10929	1.079	ug/l #	93
48) Methyl methacrylate	9.18	41	6668	1.213	ug/l #	11
51) 4-Methyl-2-Pentanone	10.03	43	6043	1.077	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	45014	4.899	ug/l #	71
57) 1,3-Dichloropropane	10.76	76	6976	0.753	ug/l #	43
59) 2-Hexanone	10.76	43	111536	30.430	ug/l #	47
68) m/p-Xylenes	11.62	106	3462	0.340	ug/l	100
69) o-Xylene	11.94	106	3078	0.309	ug/l	98
71) Bromoform	12.38	173	34	2.229	ug/l #	1
74) N-amyl acetate	11.88	43	11306	1.738	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	169801	38.105	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	15186	0.819	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	169801	126.202	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	30207	1.660	ug/l	99
86) p-Isopropyltoluene	13.23	119	7363	0.409	ug/l	97
90) Hexachloroethane	13.89	117	1229	0.440	ug/l #	2
95) Naphthalene	15.13	128	25775	2.573	ug/l	99

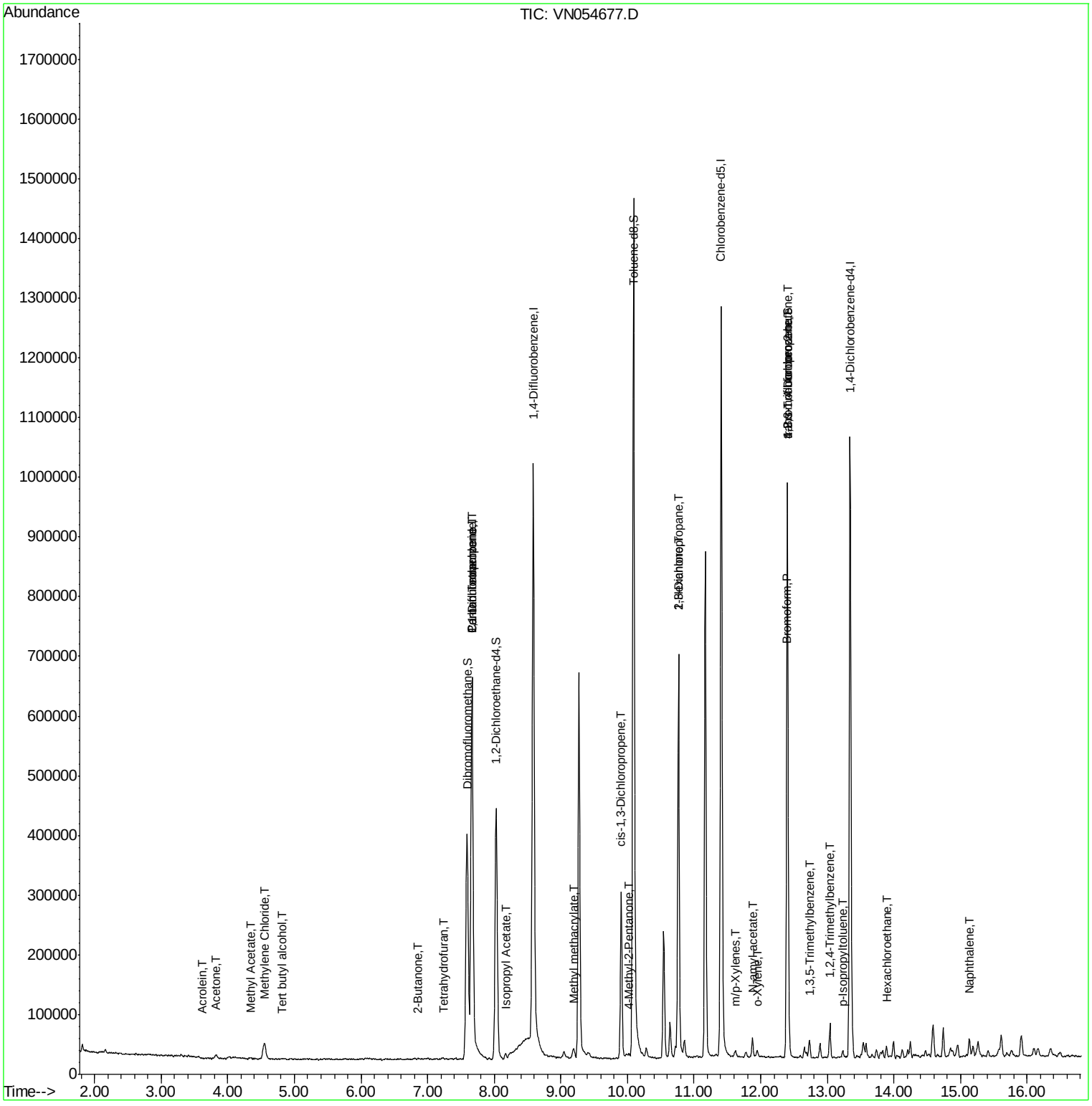
(#) = qualifier out of range (m) = manual integration (+) = signals summed

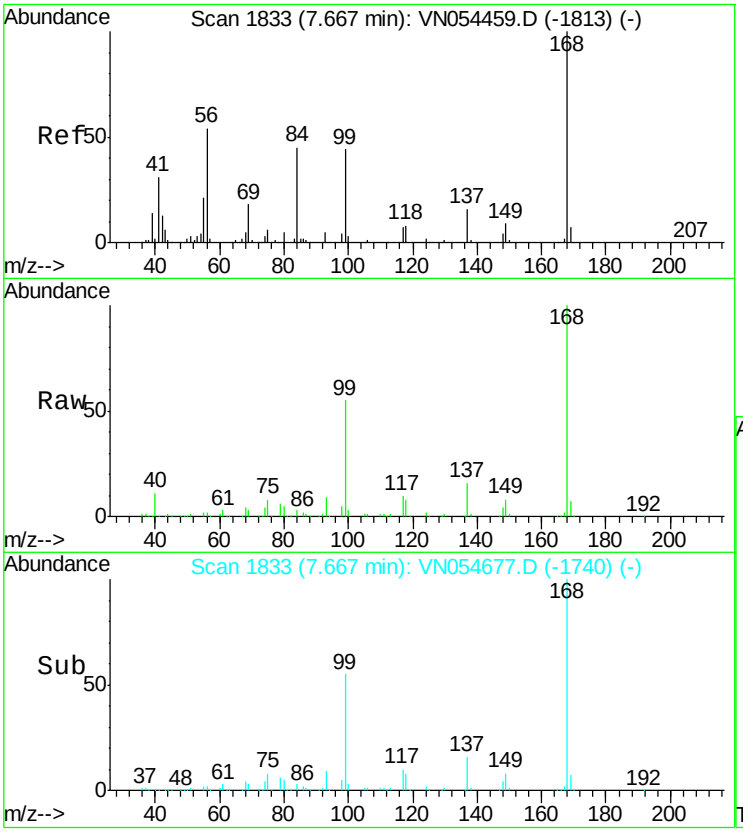
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032519\
Data File : VN054677.D
Acq On : 25 Mar 2019 17:11
Operator : JC/SP
Sample : K2071-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Quant Time: Mar 26 01:27:30 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



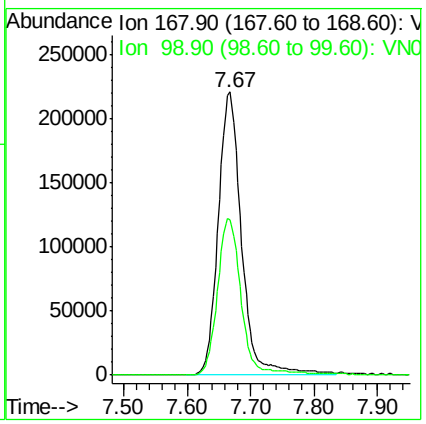


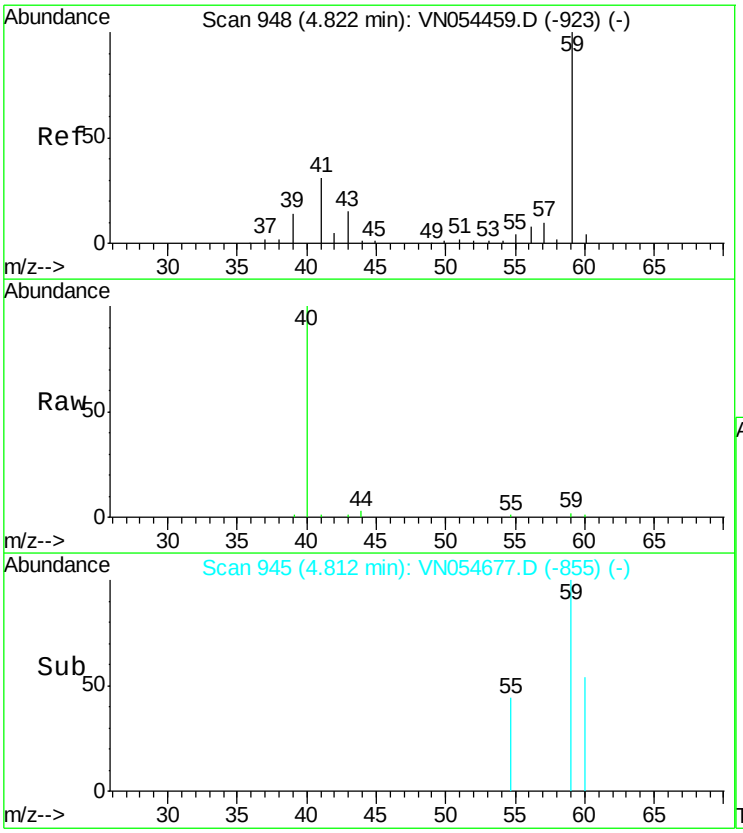
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion:168 Resp: 564824

Ion	Ratio	Lower	Upper
168	100		
99	54.9	37.1	55.7

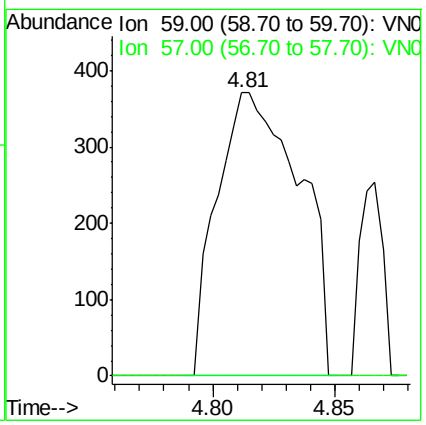


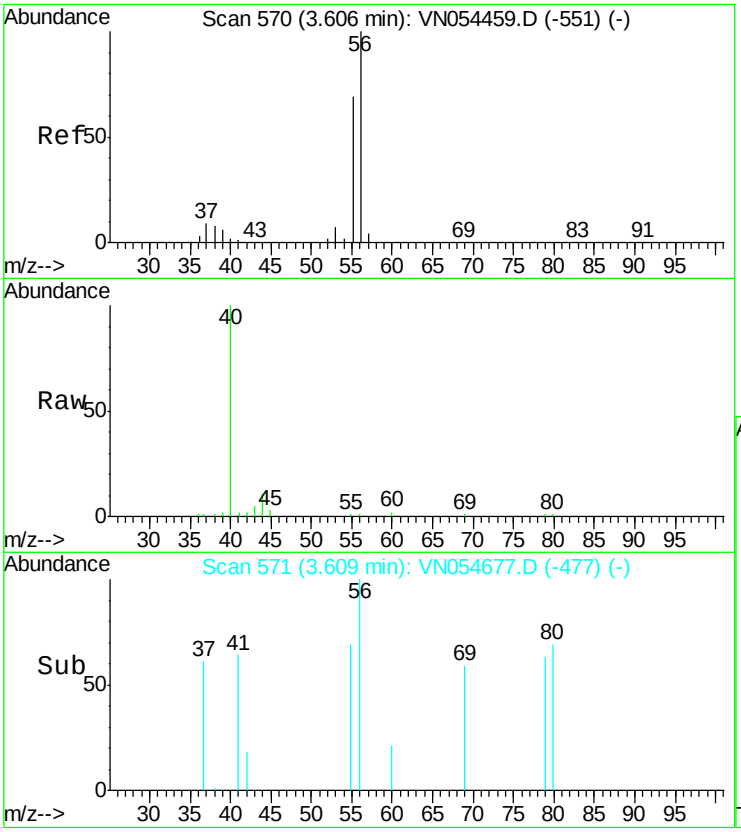


#11
Tert butyl alcohol
Concen: 2.045 ug/l
RT: 4.81 min Scan# 945
Delta R.T. -0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 59 Resp: 870

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#



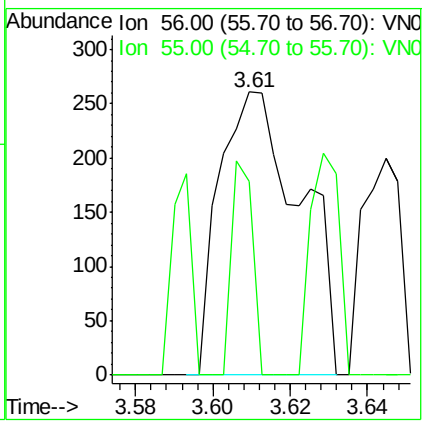


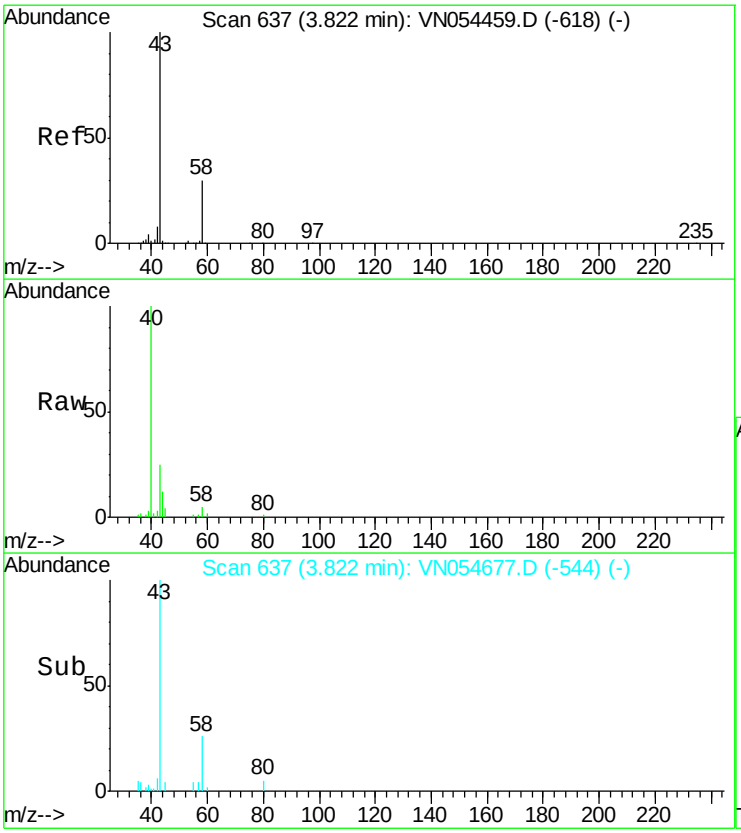
#13
Acrolein
Concen: 0.644 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion: 56 Resp: 378

Ion	Ratio	Lower	Upper
56	100		
55	19.3	56.7	85.1#

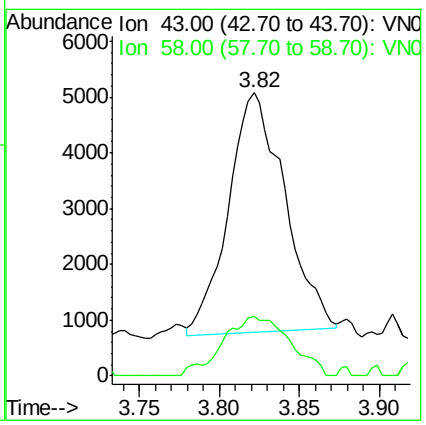


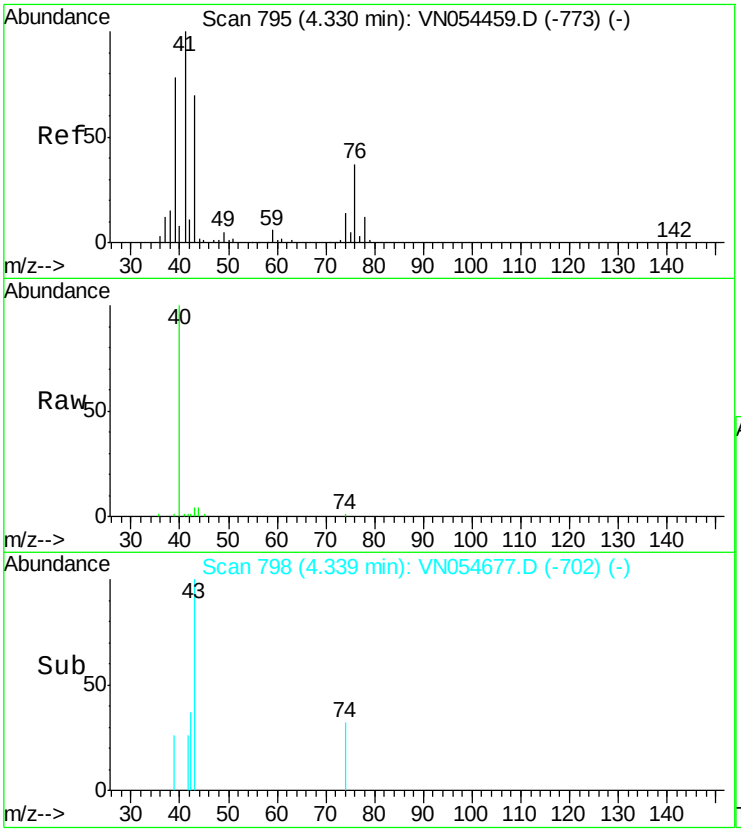


#16
Acetone
Concen: 4.928 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 43 Resp: 10408

Ion	Ratio	Lower	Upper
43	100		
58	25.4	29.9	44.9#



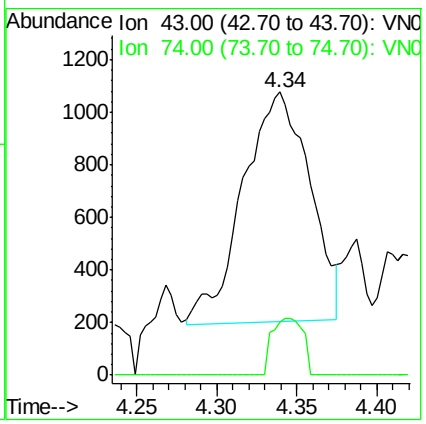


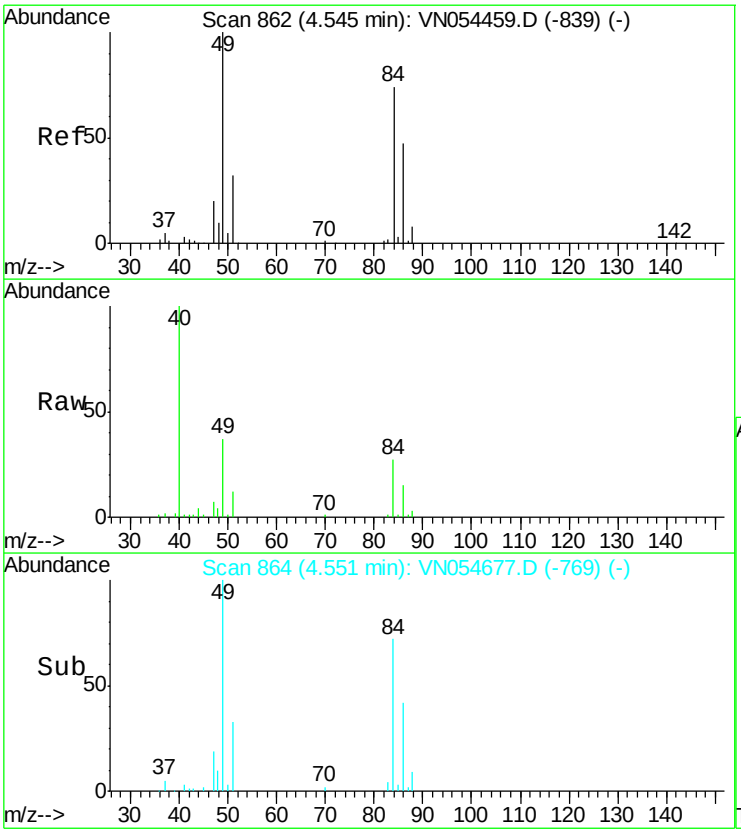
#18
Methyl Acetate
Concen: 0.536 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument : MSVOA_N
ClientSampleId : DRUM-1

Tgt Ion: 43 Resp: 2525

Ion	Ratio	Lower	Upper
43	100		
74	11.6	20.8	31.2#

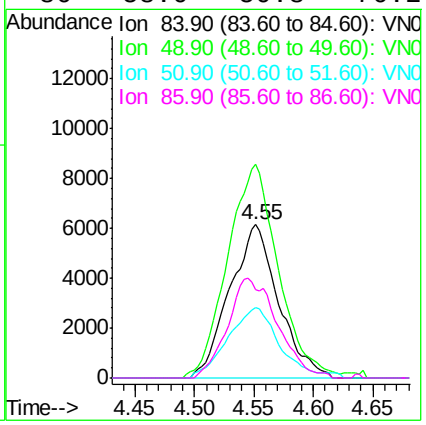


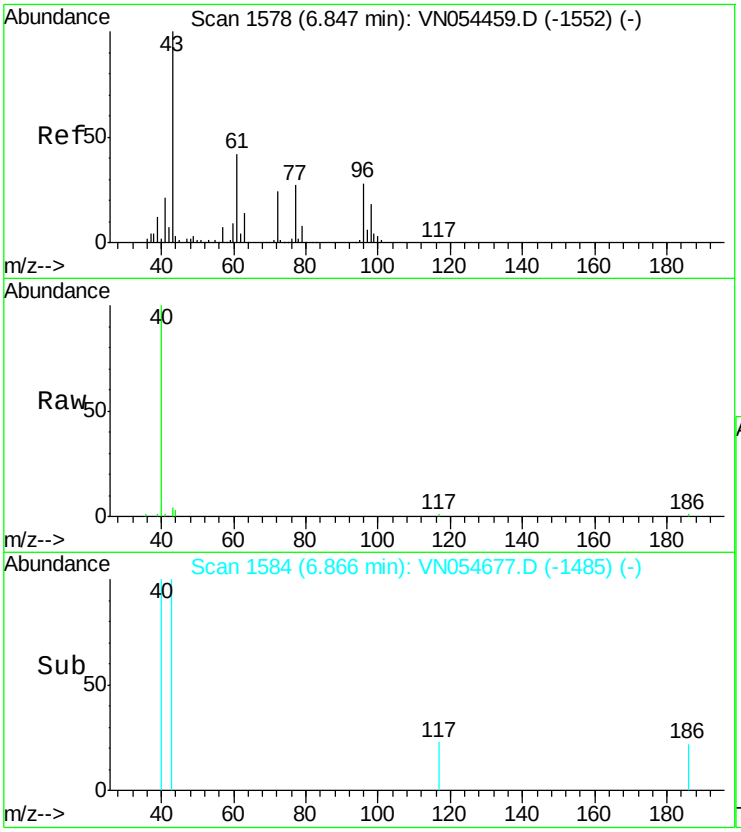


#20
Methylene Chloride
Concen: 2.804 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 84 Resp: 17459

Ion	Ratio	Lower	Upper
84	100		
49	136.7	89.7	134.5#
51	46.2	28.2	42.4#
86	58.0	50.8	76.2



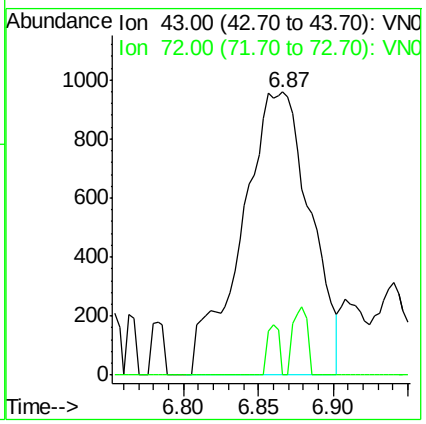


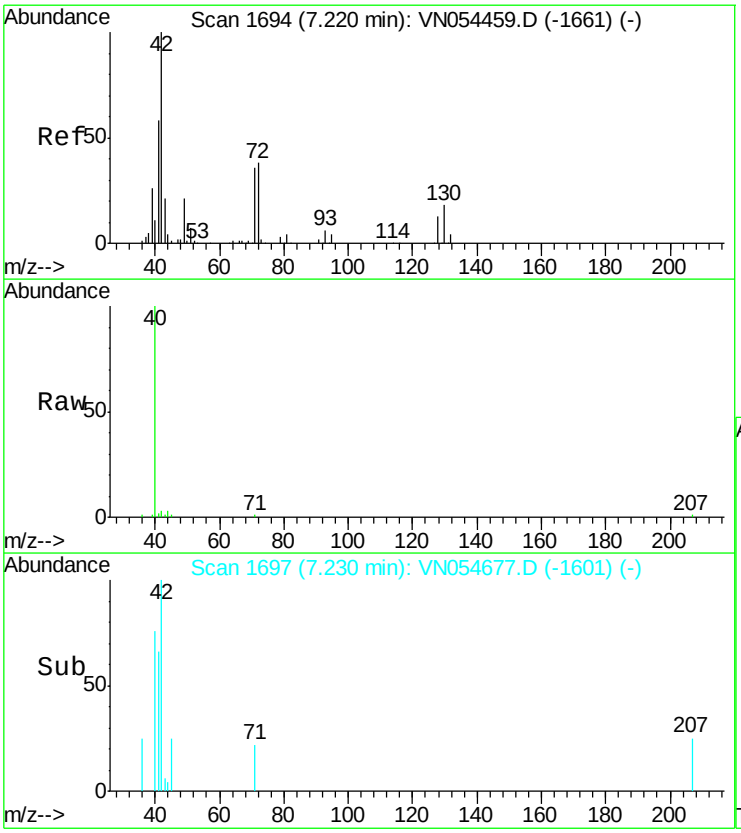
#25
2-Butanone
Concen: 1.129 ug/l
RT: 6.87 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument : MSVOA_N
ClientSampleId : DRUM-1

Tgt Ion: 43 Resp: 3055

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

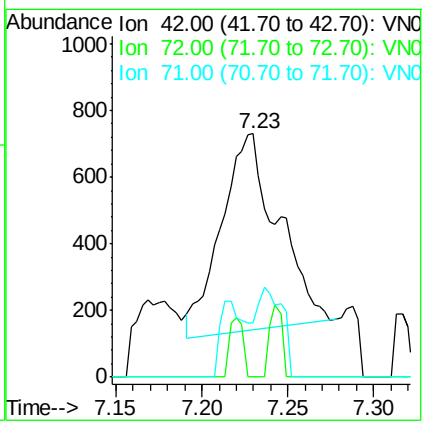


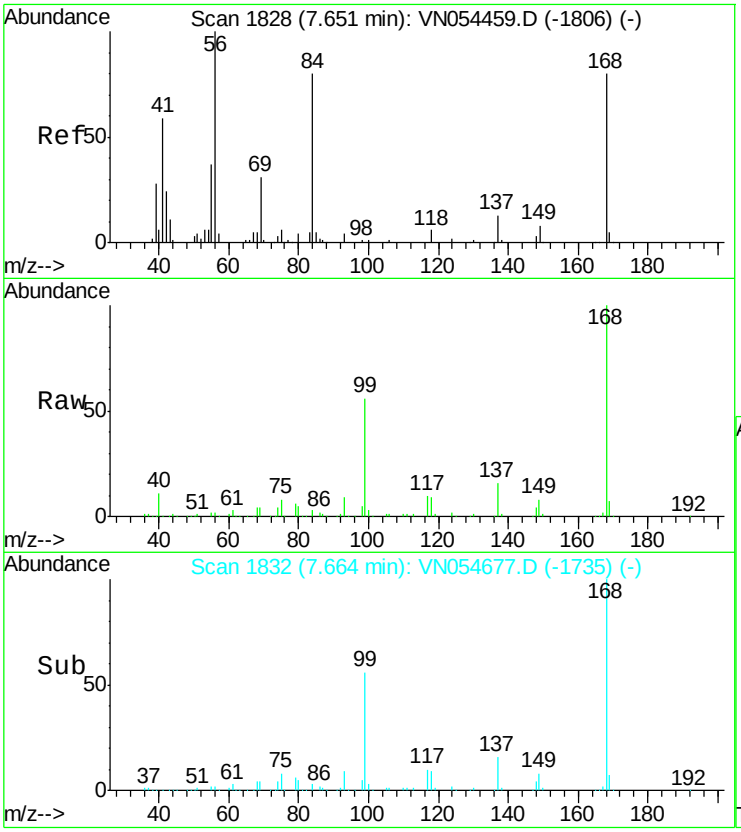


#29
Tetrahydrofuran
Concen: 0.771 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 42 Resp: 1354

Ion	Ratio	Lower	Upper
42	100		
72	7.9	37.8	56.6#
71	19.6	36.2	54.2#



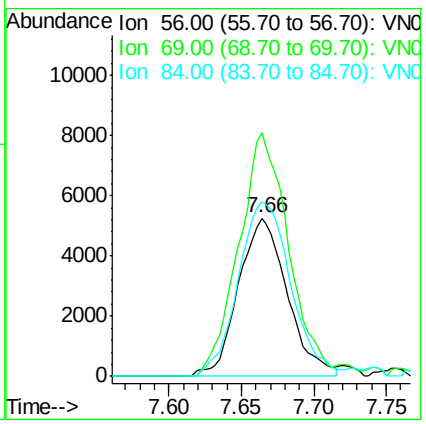


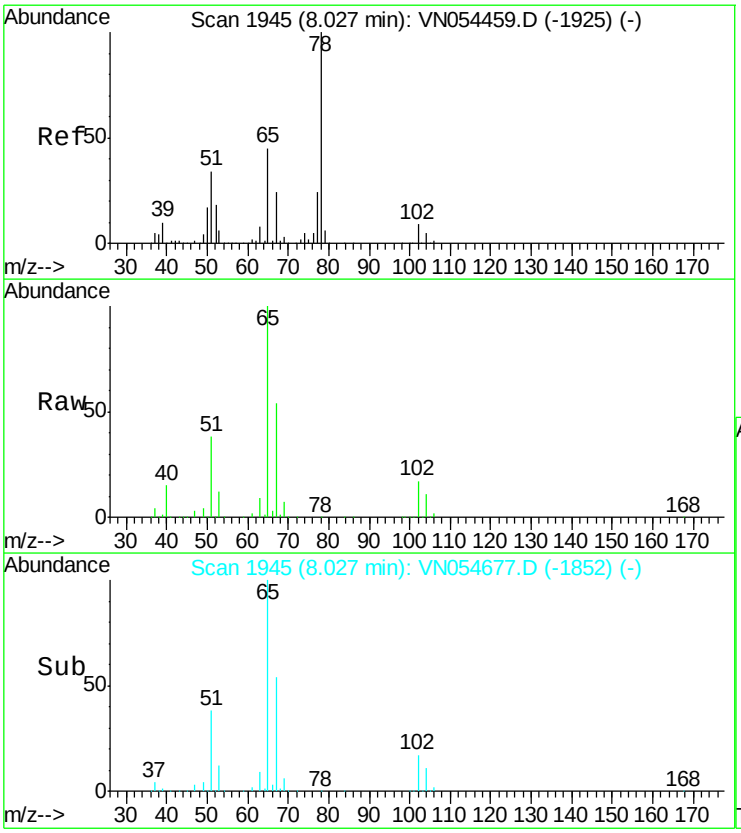
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument : MSVOA_N
ClientSampleId : DRUM-1

Tgt Ion: 56 Resp: 12339

Ion	Ratio	Lower	Upper
56	100		
69	154.1	27.8	41.6#
84	110.8	74.6	111.8

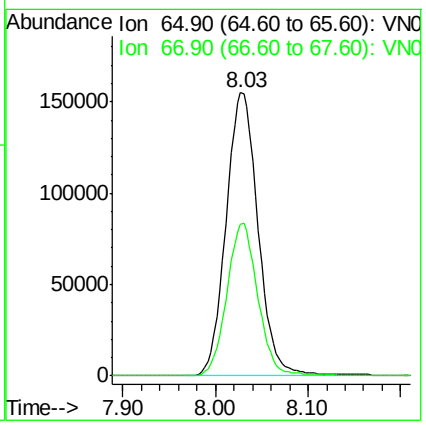


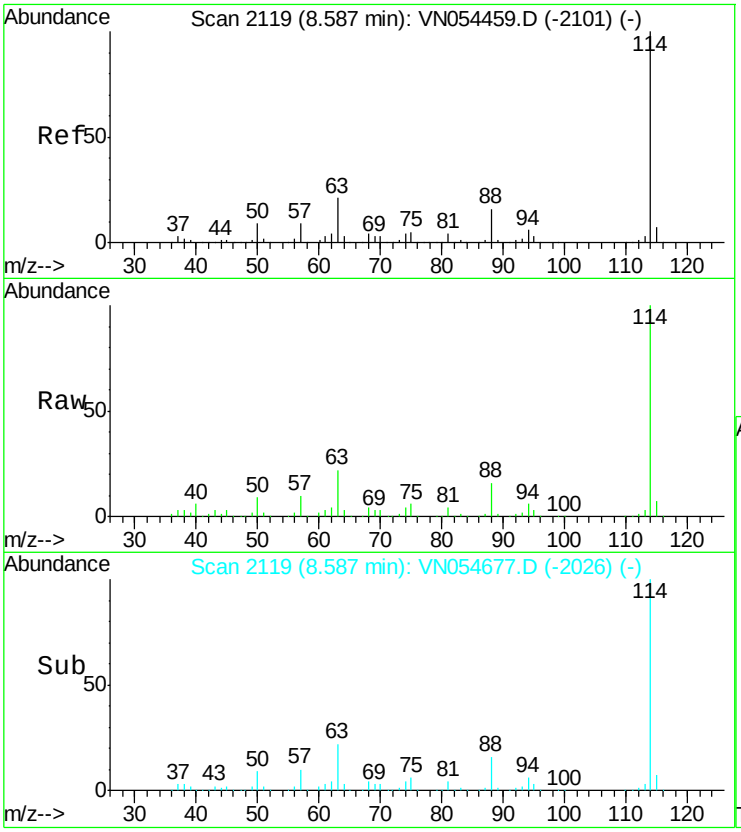


#33
1,2-Dichloroethane-d4
Concen: 52.828 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 65 Resp: 371140

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.6



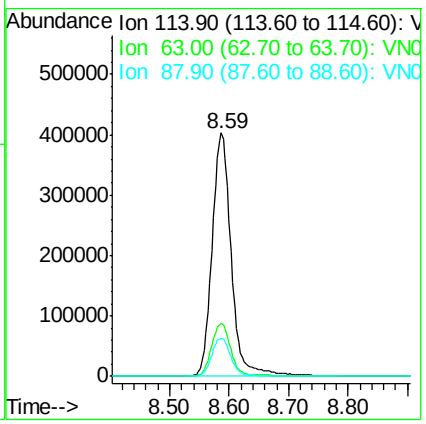


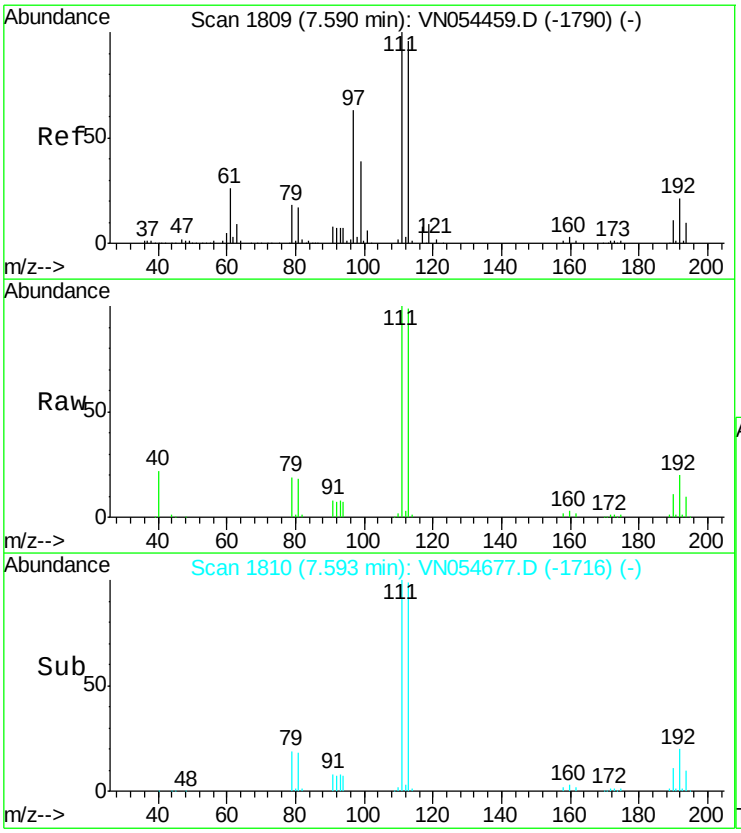
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion:114 Resp: 901538

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.2
88	15.7	0.0	30.2

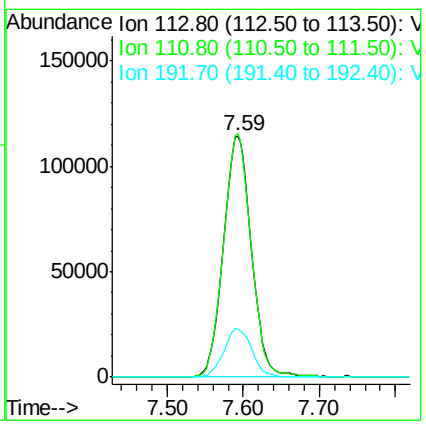


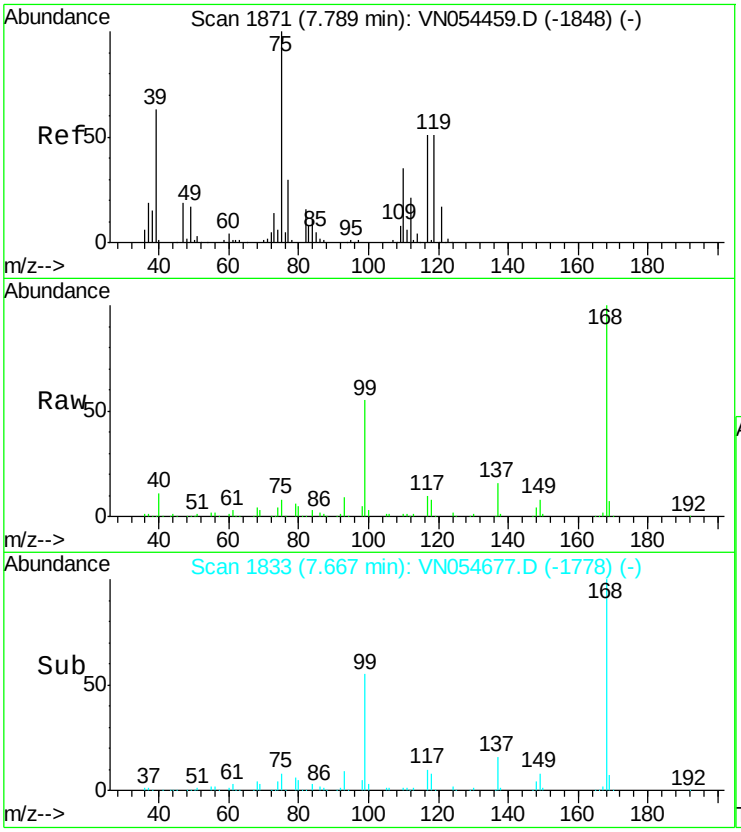


#35
Dibromofluoromethane
Concen: 50.383 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:113 Resp: 292630

Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.2	123.4
192	20.2	19.2	28.8



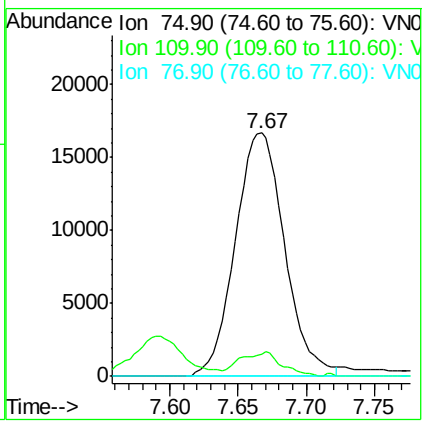


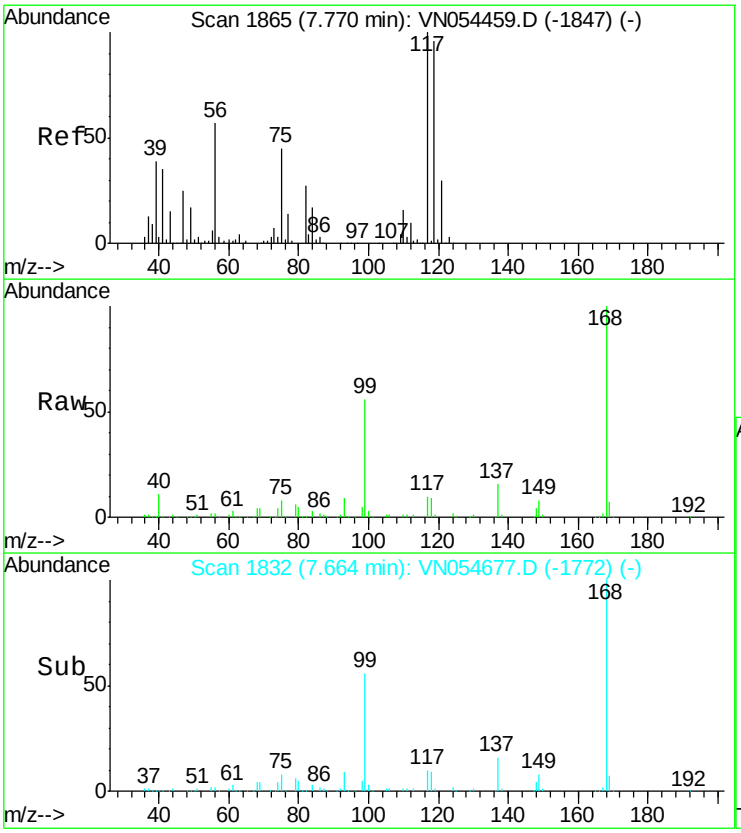
#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.12 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion: 75 Resp: 41929

Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.1	57.5#
77	0.0	25.0	37.4#

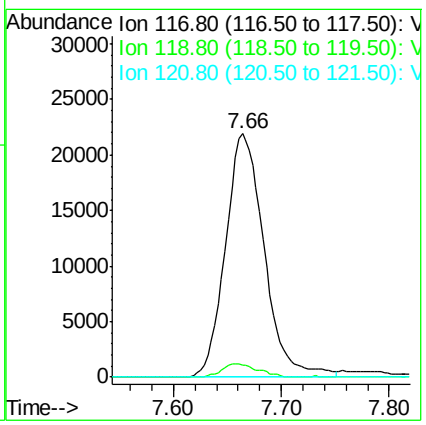


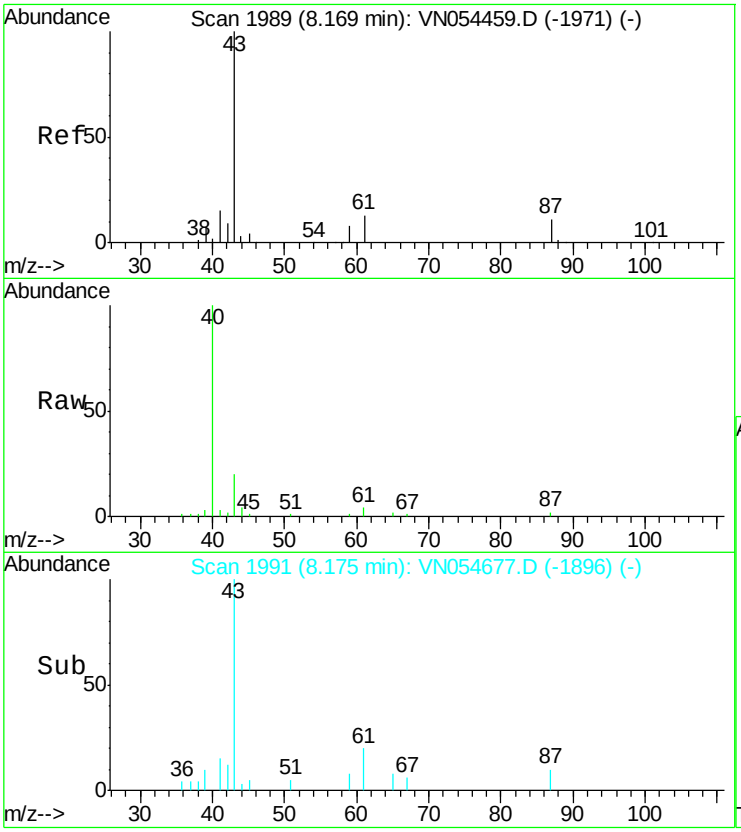


#38
Carbon Tetrachloride
Concen: 6.698 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:117 Resp: 54865

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.3	114.5#
121	0.0	24.6	36.8#



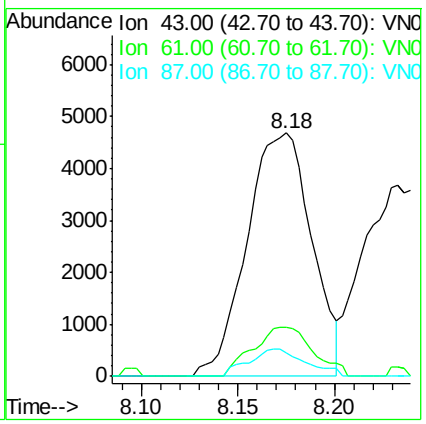


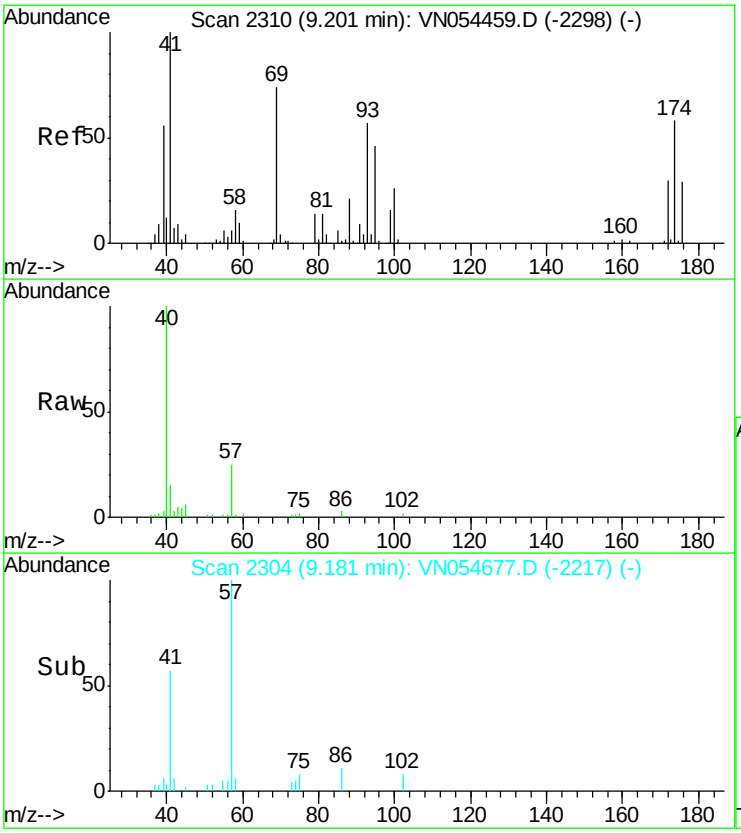
#43
Isopropyl Acetate
Concen: 1.079 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument : MSVOA_N
ClientSampleId : DRUM-1

Tgt Ion: 43 Resp: 10929

Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.8	23.8
87	9.8	12.0	18.0#

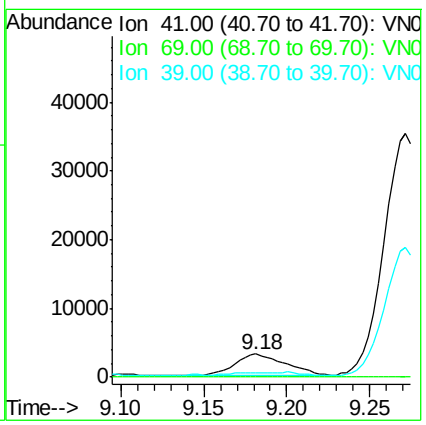


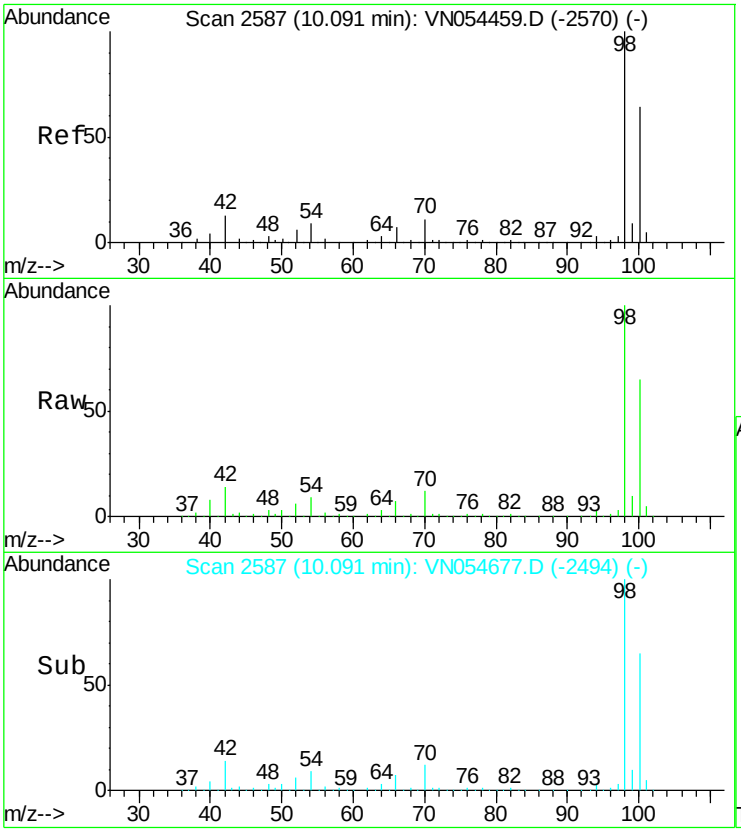


#48
Methyl methacrylate
Concen: 1.213 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 41 Resp: 6668

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



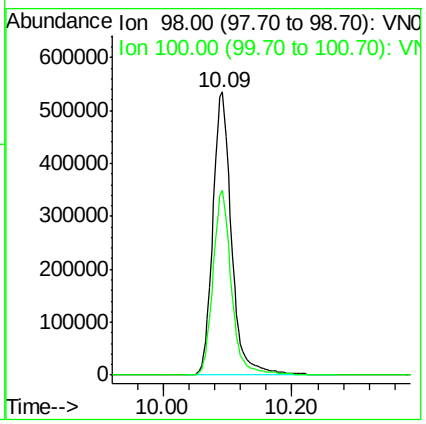


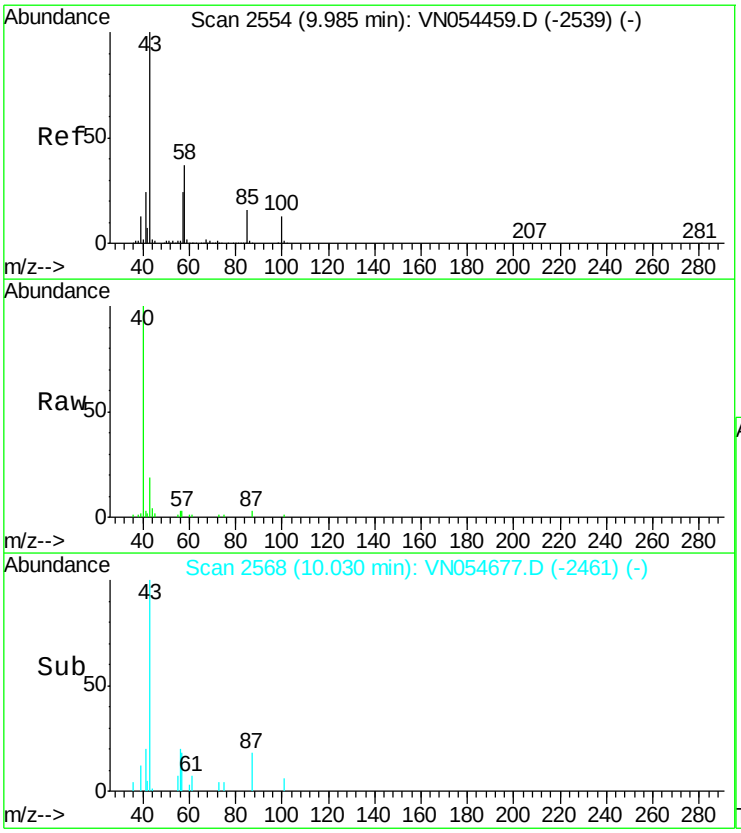
#50
Toluene-d8
Concen: 49.403 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument : MSVOA_N
ClientSampleId : DRUM-1

Tgt Ion: 98 Resp: 1078708

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8

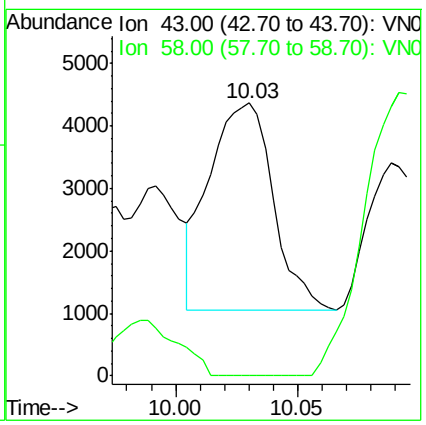


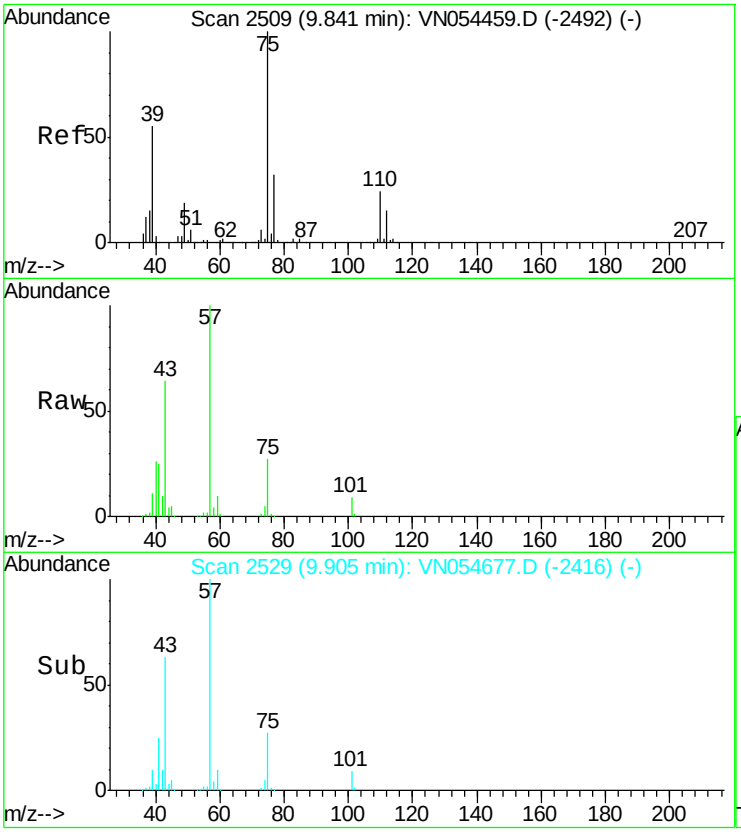


#51
4-Methyl-2-Pentanone
Concen: 1.077 ug/l
RT: 10.03 min Scan# 2568
Delta R.T. 0.04 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 43 Resp: 6043

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#



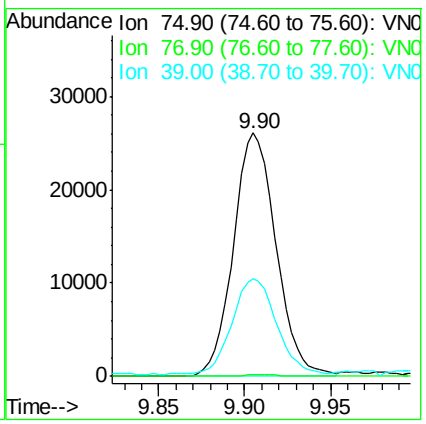


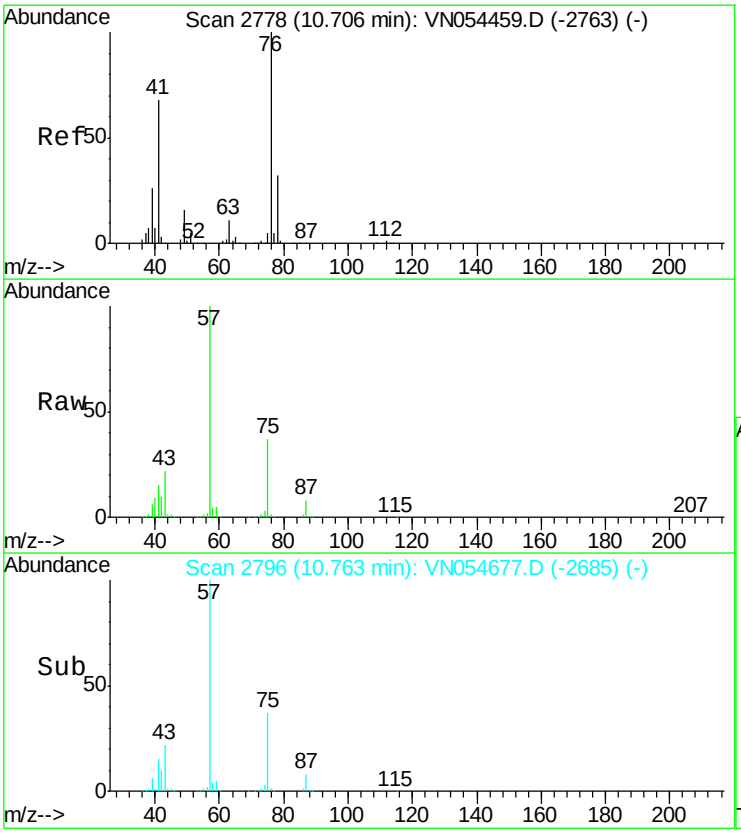
#54
cis-1,3-Dichloropropene
Concen: 4.899 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument : MSVOA_N
ClientSampleId : DRUM-1

Tgt Ion: 75 Resp: 45014

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.4	38.0#
39	38.9	37.2	55.8

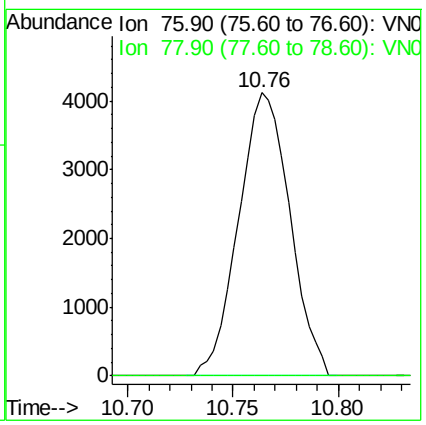


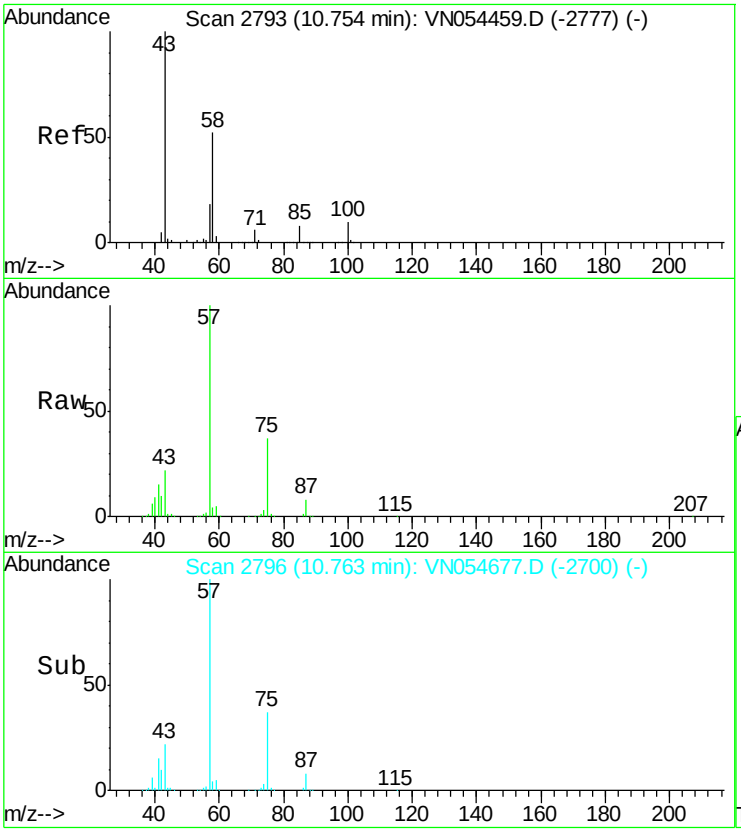


#57
1,3-Dichloropropane
Concen: 0.753 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 76 Resp: 6976

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



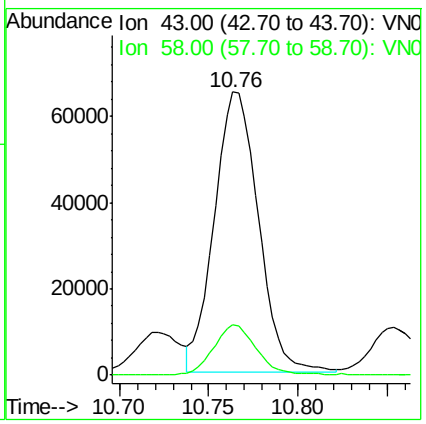


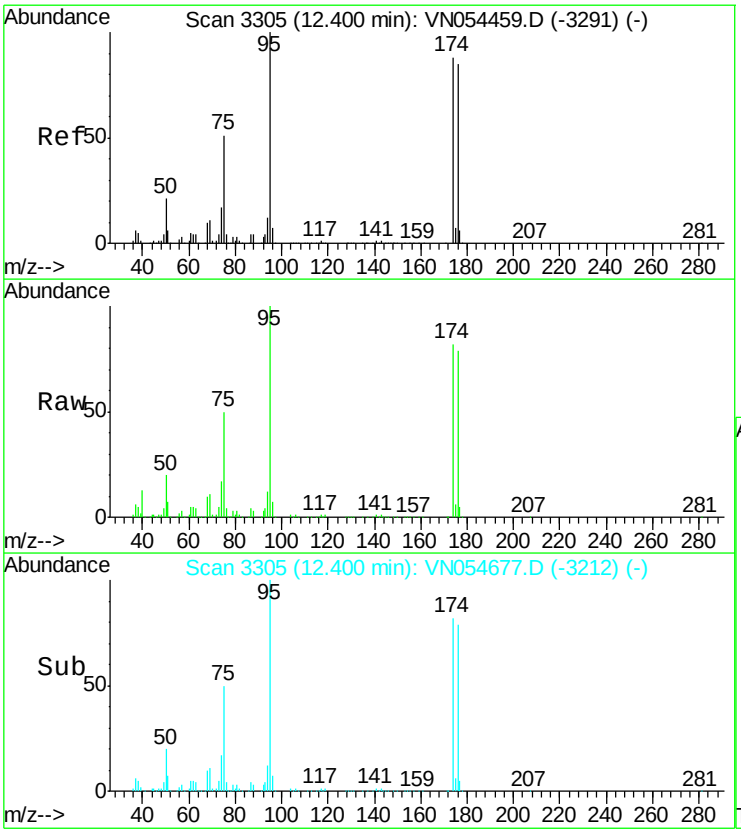
#59
2-Hexanone
Concen: 30.430 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion: 43 Resp: 111536

Ion	Ratio	Lower	Upper
43	100		
58	17.4	28.0	83.9#

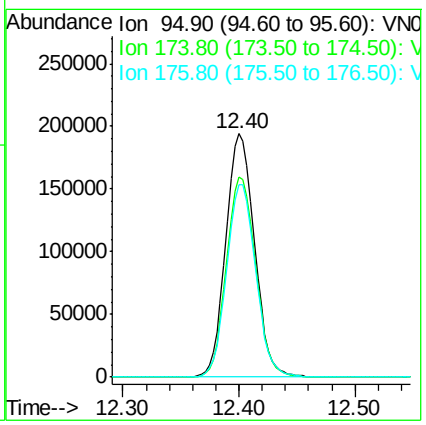


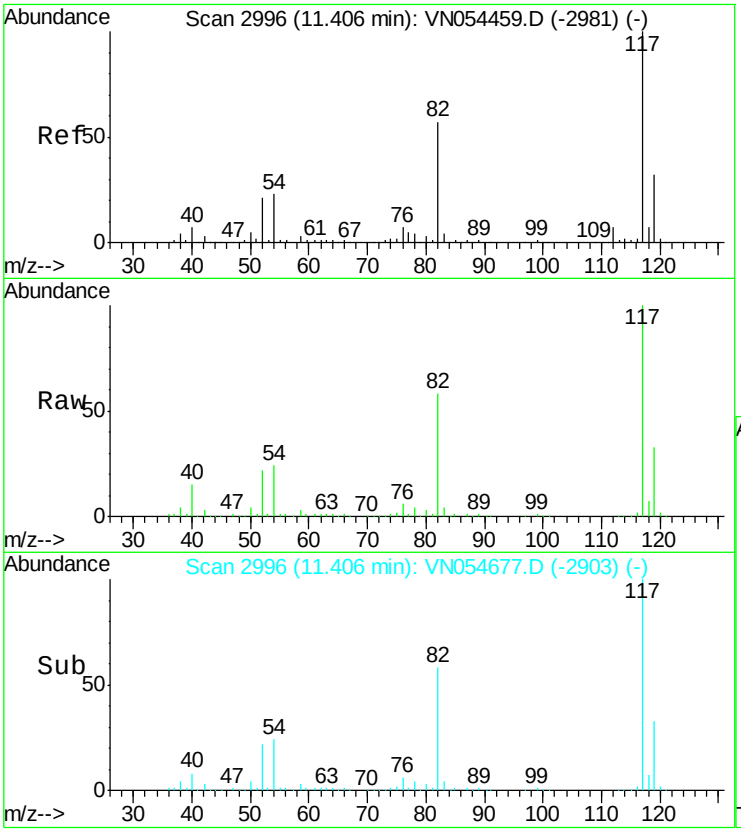


#62
4-Bromofluorobenzene
Concen: 44.657 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 95 Resp: 331808

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	191.0
176	80.1	0.0	187.4



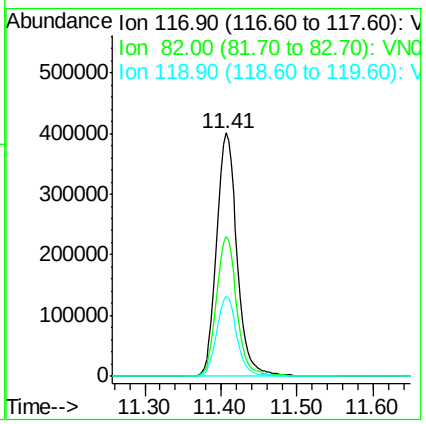


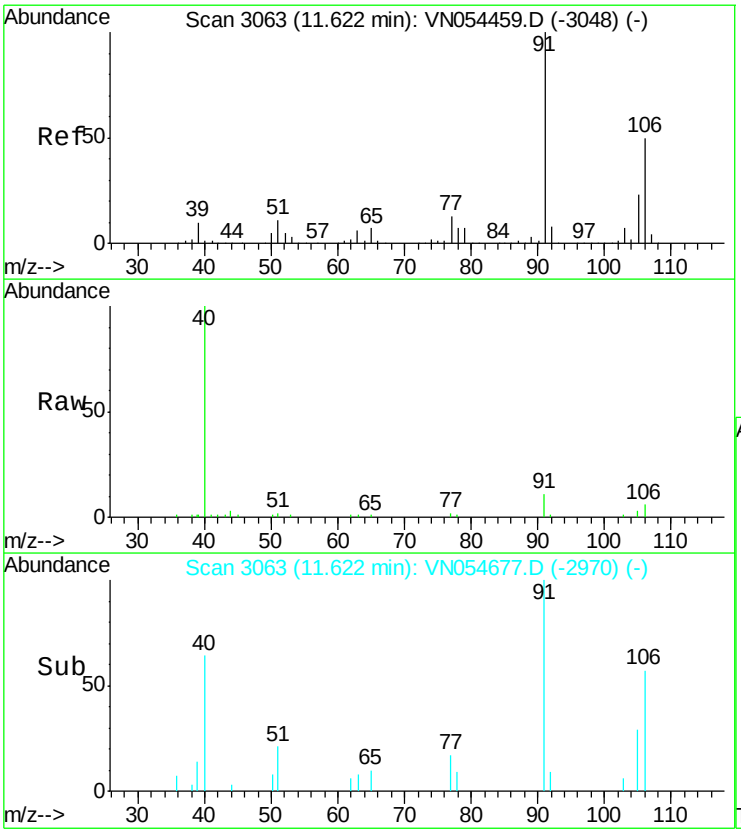
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument : MSVOA_N
ClientSampleId : DRUM-1

Tgt Ion:117 Resp: 748400

Ion	Ratio	Lower	Upper
117	100		
82	57.6	40.0	60.0
119	32.8	25.8	38.6

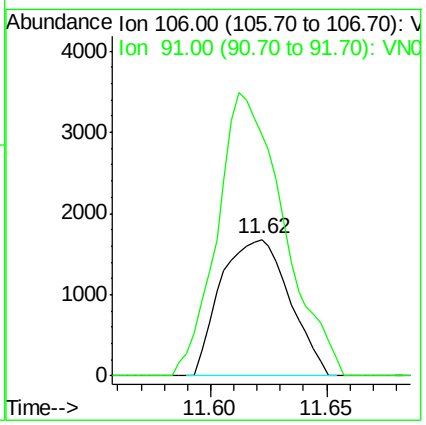


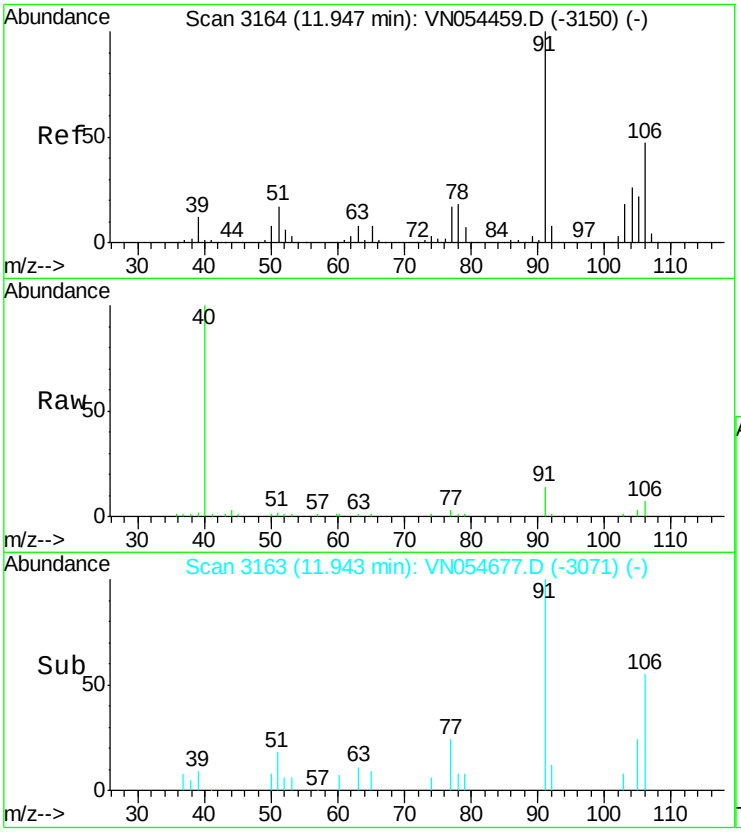


#68
m/p-Xylenes
Concen: 0.340 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:106 Resp: 3462

Ion	Ratio	Lower	Upper
106	100		
91	199.7	159.4	239.2



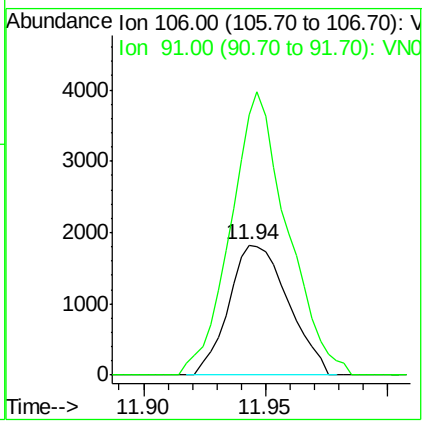


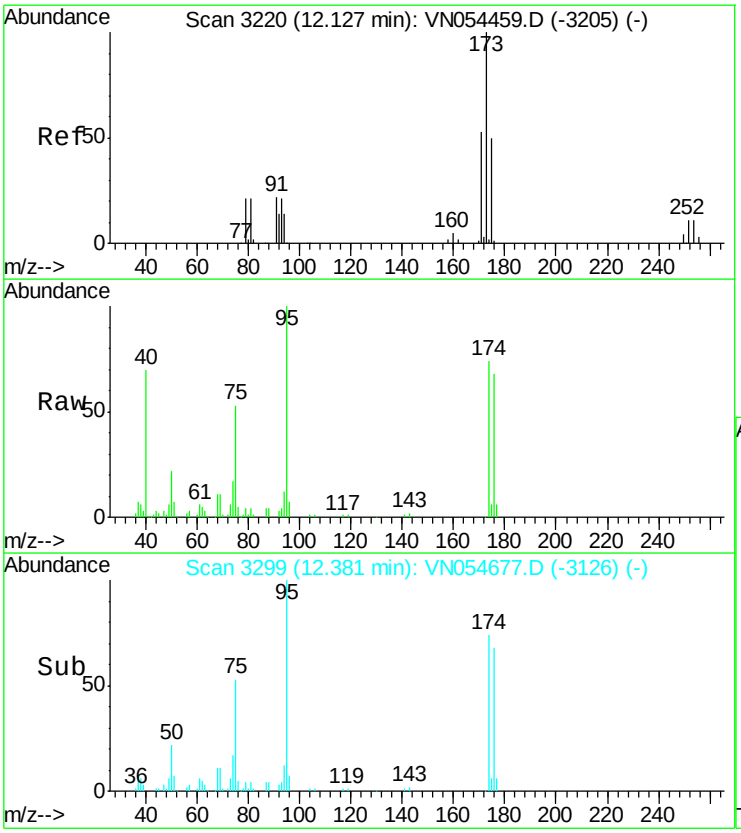
#69
o-Xylene
Concen: 0.309 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion:106 Resp: 3078

Ion	Ratio	Lower	Upper
106	100		
91	207.9	105.7	317.1

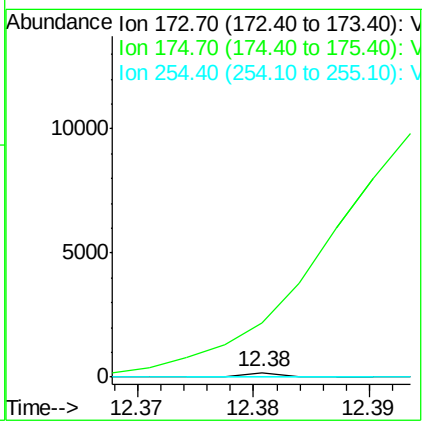


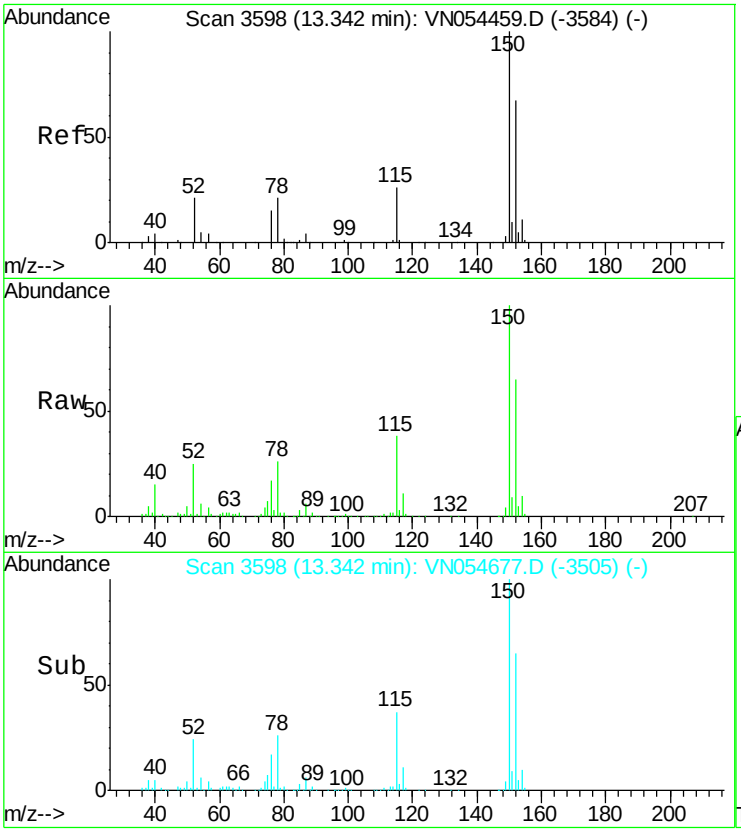


#71
Bromoform
Concen: 2.229 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.25 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:173 Resp: 34

Ion	Ratio	Lower	Upper
173	100		
175	54958.8	24.4	73.2#
254	0.0	0.1	0.1#



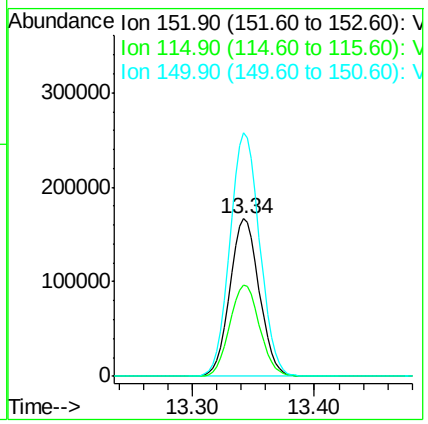


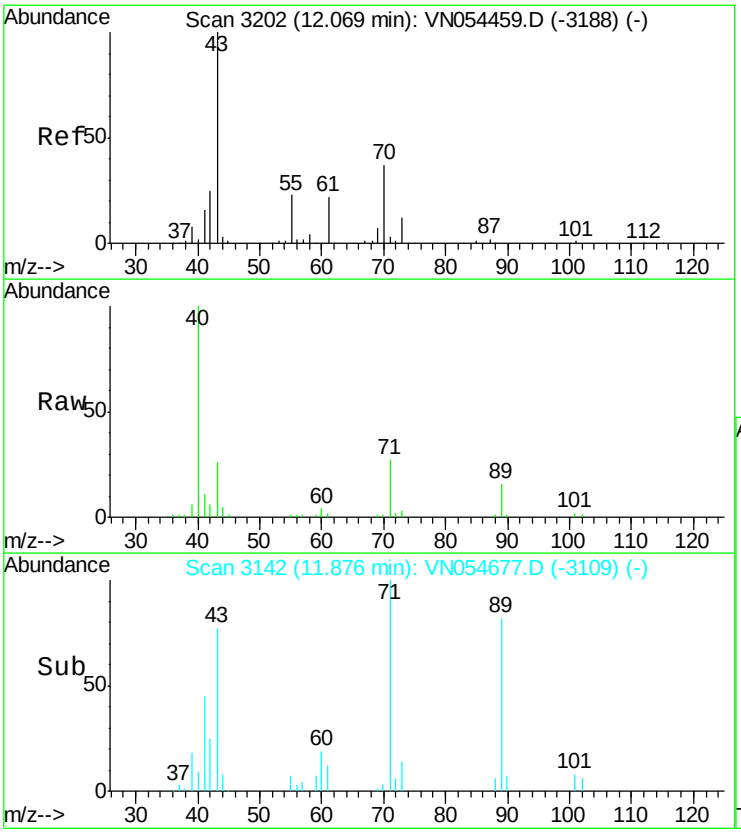
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument : MSVOA_N
ClientSampleId : DRUM-1

Tgt Ion:152 Resp: 280814

Ion	Ratio	Lower	Upper
152	100		
115	59.3	27.2	81.6
150	156.1	0.0	349.2

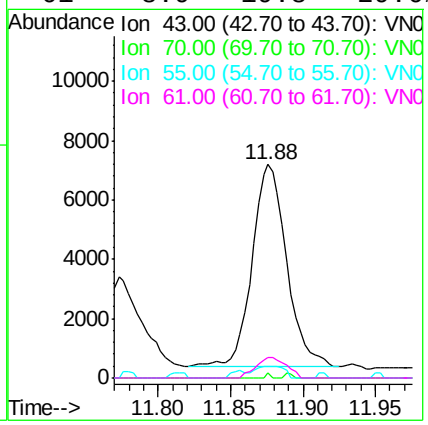


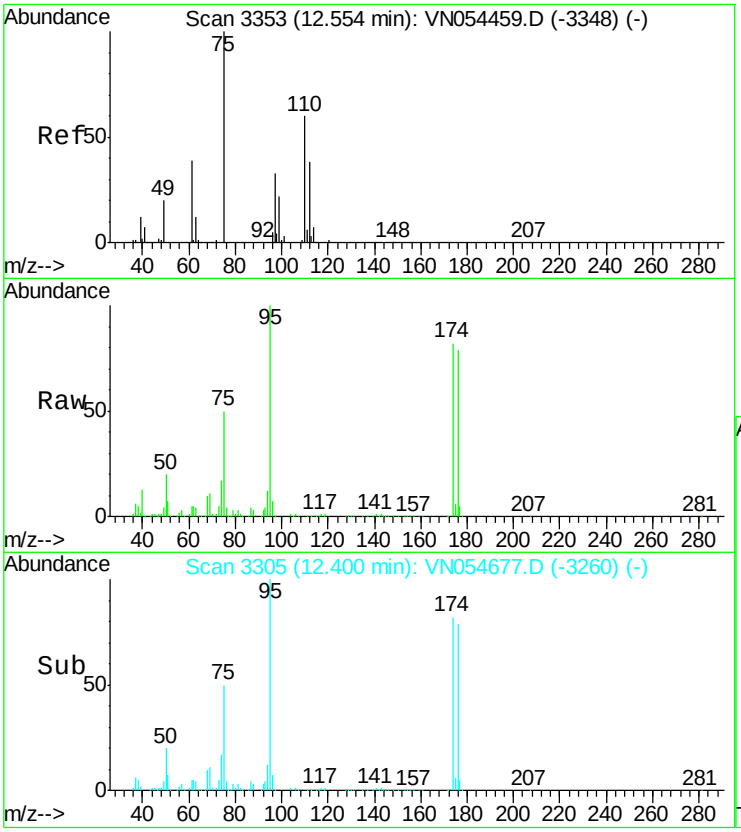


#74
N-amyl acetate
Concen: 1.738 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion: 43 Resp: 11306

Ion	Ratio	Lower	Upper
43	100		
70	0.3	35.4	53.0#
55	5.0	19.8	29.6#
61	8.9	19.8	29.6#



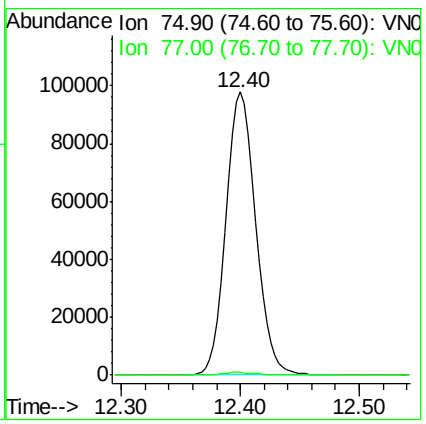


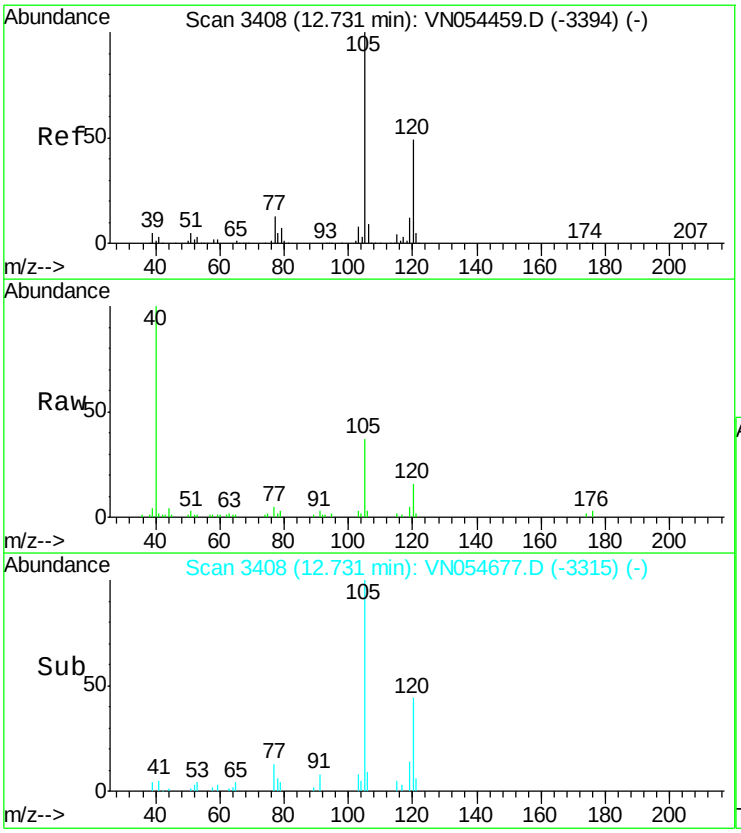
#76
1,2,3-Trichloropropane
Concen: 38.105 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion: 75 Resp: 169801

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

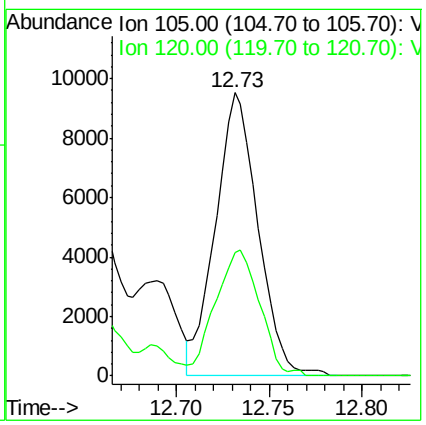


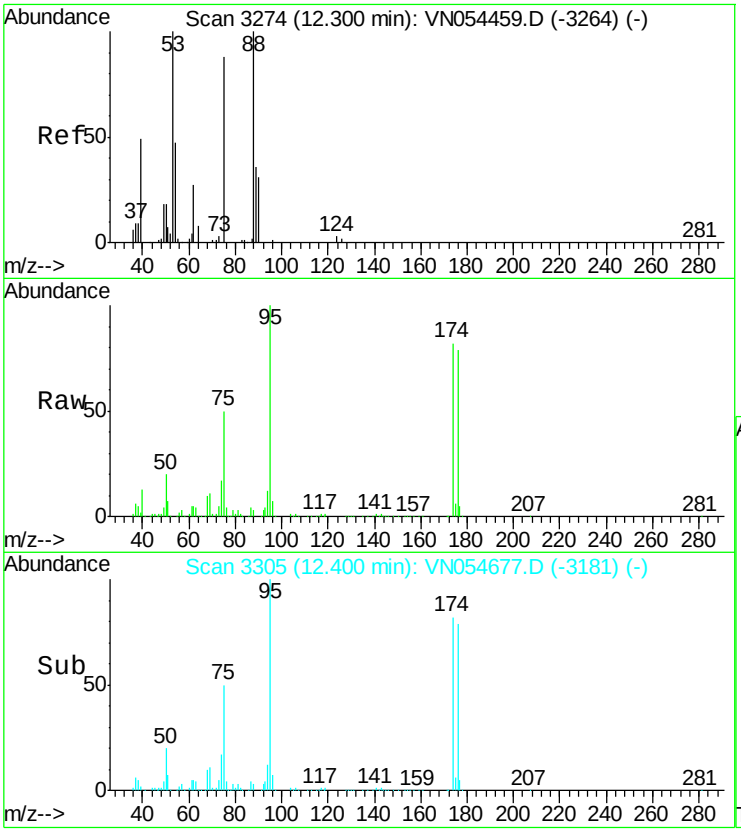


#80
1,3,5-Trimethylbenzene
Concen: 0.819 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:105 Resp: 15186

Ion	Ratio	Lower	Upper
105	100		
120	46.4	25.0	75.0



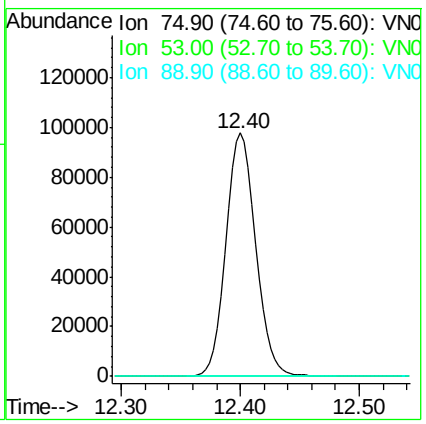


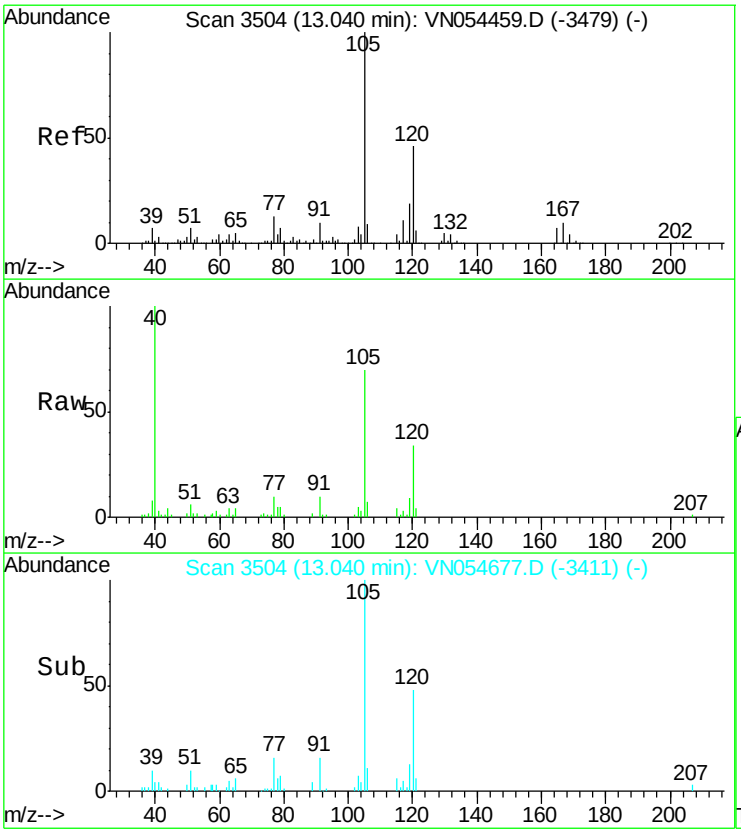
#81
trans-1,4-Dichloro-2-butene
Concen: 126.202 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion: 75 Resp: 169801

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

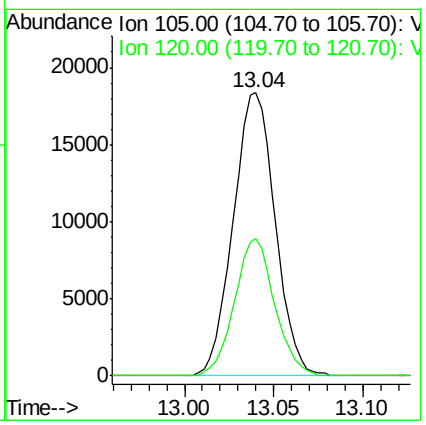


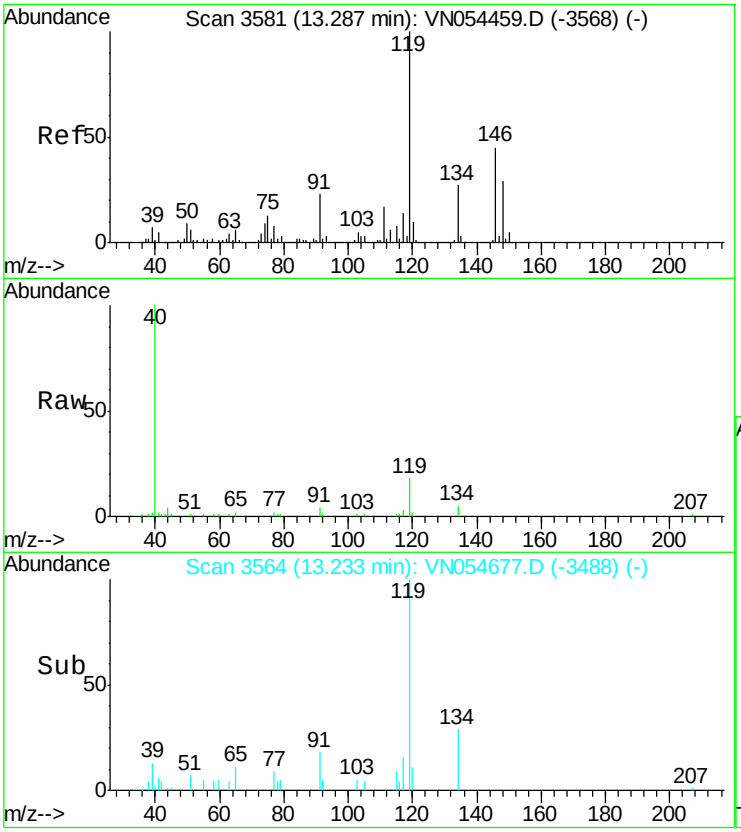


#84
1,2,4-Trimethylbenzene
Concen: 1.660 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:105 Resp: 30207

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.4	70.3



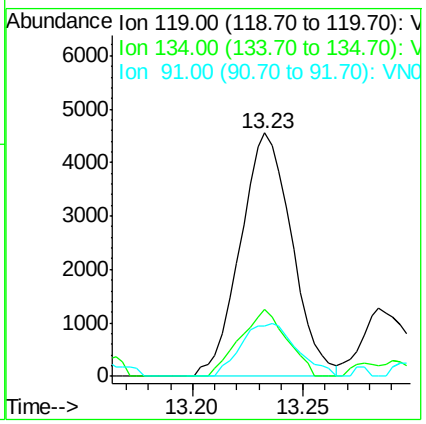


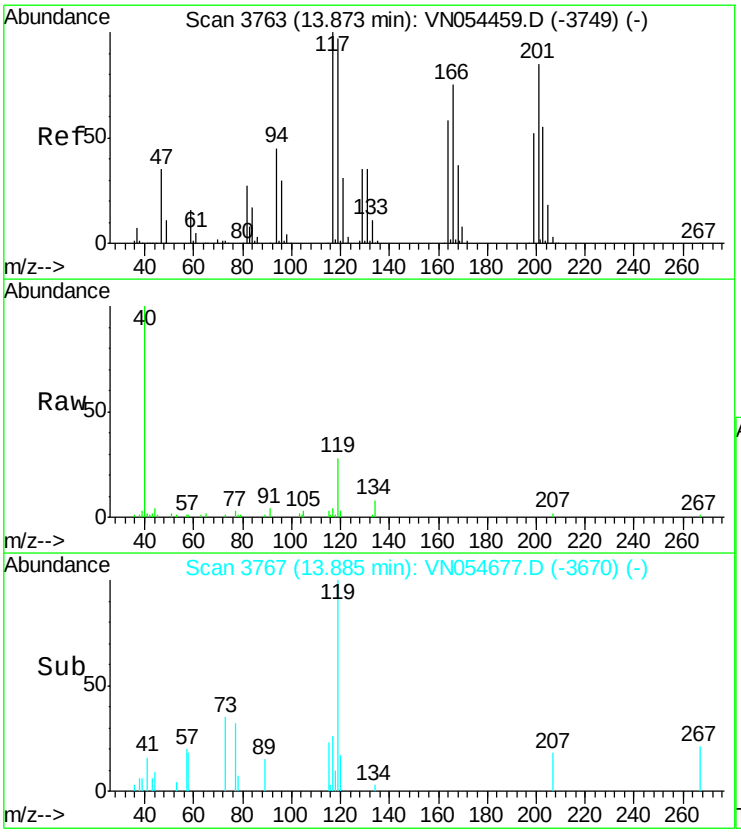
#86
p-Isopropyltoluene
Concen: 0.409 ug/l
RT: 13.23 min Scan# 3564
Delta R.T. -0.05 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion:119 Resp: 7363

Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.6	40.8
91	23.5	11.1	33.3

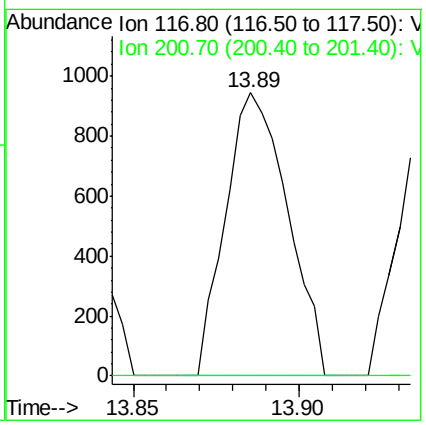


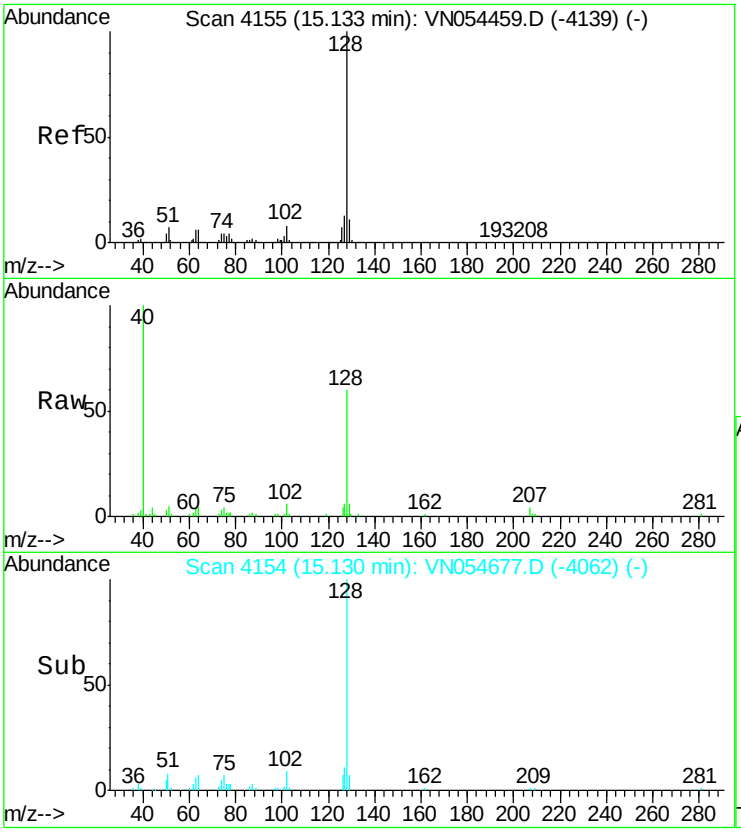


#90
Hexachloroethane
Concen: 0.440 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Tgt Ion:117 Resp: 1229

Ion	Ratio	Lower	Upper
117	100		
201	0.0	48.1	144.4#





#95
Naphthalene
Concen: 2.573 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN054677.D
Acq: 25 Mar 2019 17:11

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion:128 Resp: 25775

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.1	15.1
129	11.3	8.7	13.1