Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052019\
Data File : VN055676.D
Acq On : 20 May 2019 16:04
Operator : JC/SP
Sample : K2956-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 21 04:38:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	424998	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	598389	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	509760	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182087	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	193400	41.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.02%				
35) Dibromofluoromethane	7.59	113	183993	48.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.80%				
50) Toluene-d8	10.09	98	690462	48.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.08%				
62) 4-Bromofluorobenzene	12.40	95	214376	43.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.38%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.99	62	973	0.206	ug/l	#	42
11) Tert butyl alcohol	4.75	59	4136	4.761	ug/l	#	74
13) Acrolein	3.81	56	538	2.569	ug/l	#	1
16) Acetone	3.81	43	2680766	1410.007	ug/l		98
18) Methyl Acetate	4.33	43	997	0.245	ug/l	#	33
20) Methylene Chloride	4.56	84	2092	0.482	ug/l	#	75
25) 2-Butanone	6.83	43	5343782	2010.190	ug/l		98
28) Bromochloromethane	7.21	49	8580	2.709	ug/l	#	7
29) Tetrahydrofuran	7.21	42	4939387	2804.584	ug/l		96
31) Cyclohexane	7.67	56	6481	0.938	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	24597	4.611	ug/l	#	48
37) Ethyl Acetate	6.83	43	5344685	1110.191	ug/l	#	67
38) Carbon Tetrachloride	7.66	117	34827	6.109	ug/l	#	15
41) Methacrylonitrile	7.21	41	2697807	1310.732	ug/l	#	100
43) Isopropyl Acetate	8.22	43	18857	2.252	ug/l	#	53
51) 4-Methyl-2-Pentanone	9.99	43	1510	0.307	ug/l		92
67) Ethyl Benzene	11.51	91	5942	0.324	ug/l		97
68) m/p-Xylenes	11.62	106	3163	0.456	ug/l		91
69) o-Xylene	11.95	106	6213	0.916	ug/l		96
71) Bromoform	12.40	173	1319	0.375	ug/l	#	1
73) Isopropylbenzene	12.25	105	278	Below Cal		#	48
76) 1,2,3-Trichloropropane	12.40	75	97669	26.287	ug/l	#	100
79) 2-Chlorotoluene	12.68	91	247	Below Cal		#	39
80) 1,3,5-Trimethylbenzene	12.73	105	906	Below Cal			81
81) trans-1,4-Dichloro-2-buten	12.40	75	97669	67.572	ug/l	#	17
83) tert-Butylbenzene	12.99	119	60	Below Cal		#	28
84) 1,2,4-Trimethylbenzene	13.04	105	555	Below Cal			76
85) sec-Butylbenzene	13.17	105	457	Below Cal		#	56
86) p-Isopropyltoluene	13.29	119	469	Below Cal		#	51
90) Hexachloroethane	14.00	117	211	Below Cal		#	3
94) Hexachlorobutadiene	15.01	225	62	Below Cal		#	18
95) Naphthalene	15.14	128	2153	1.984	ug/l	#	76

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052019\
Data File : VN055676.D
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 21 04:38:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052019\
Data File : VN055676.D
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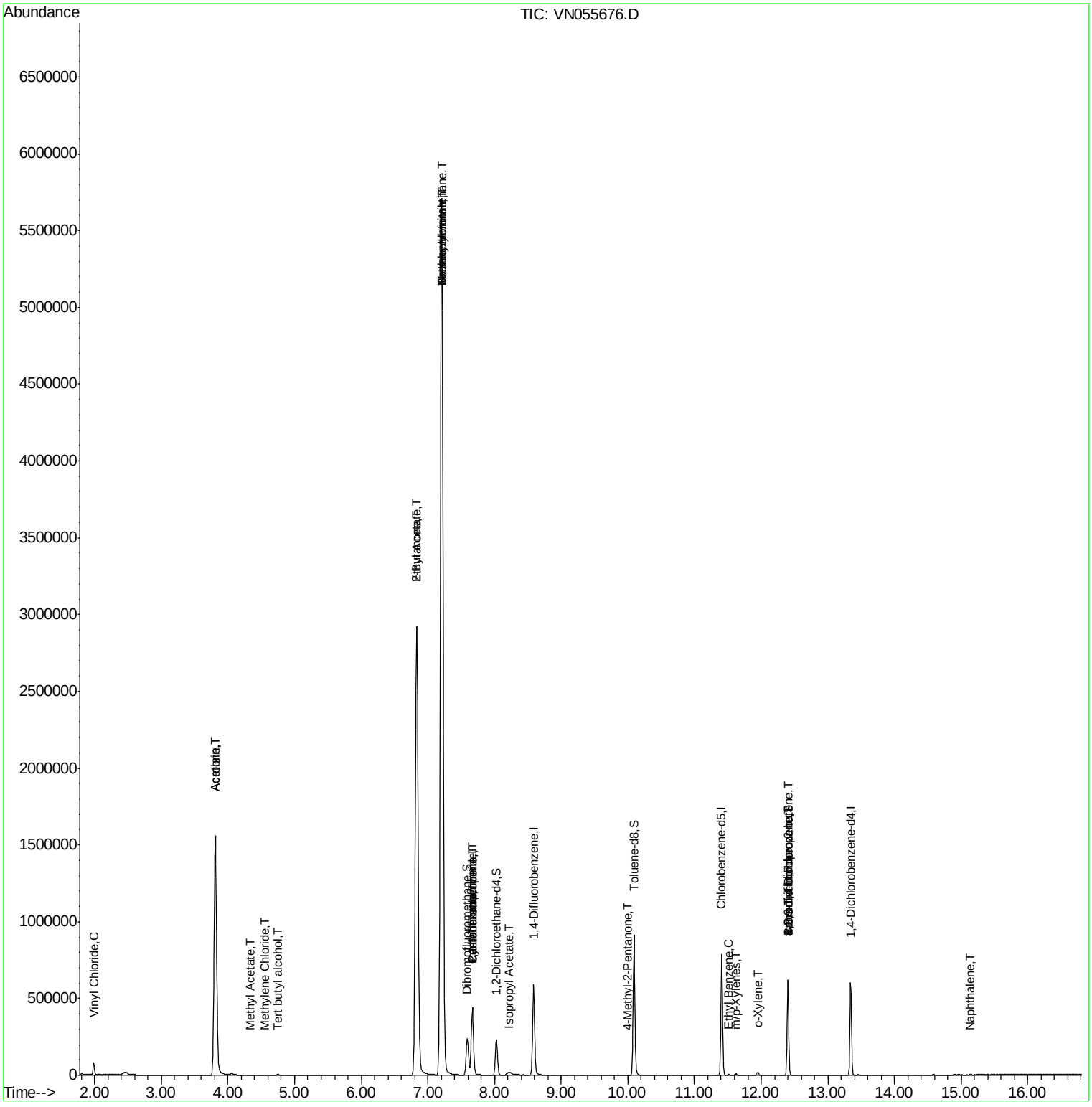
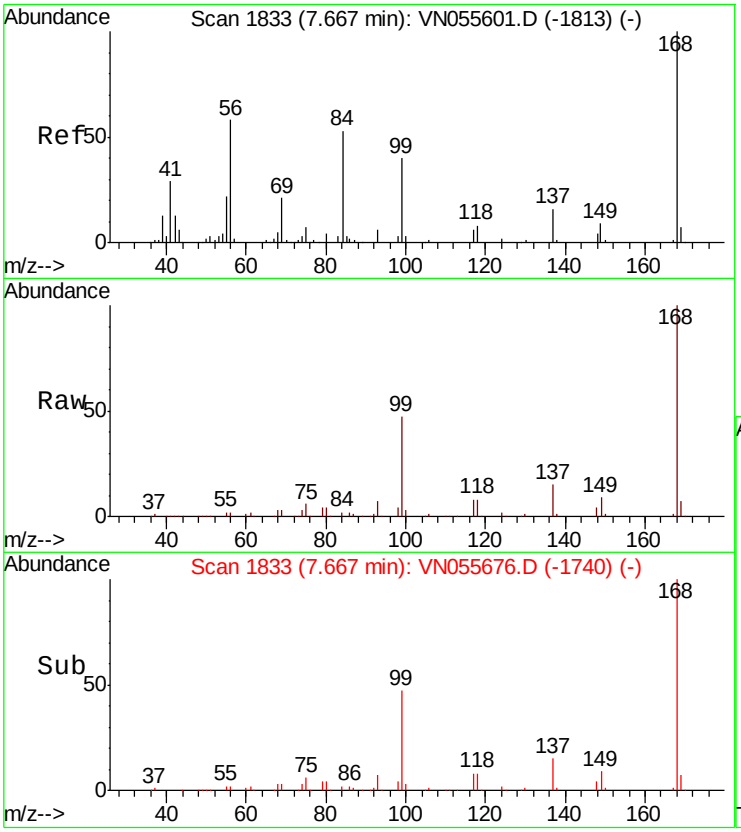
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

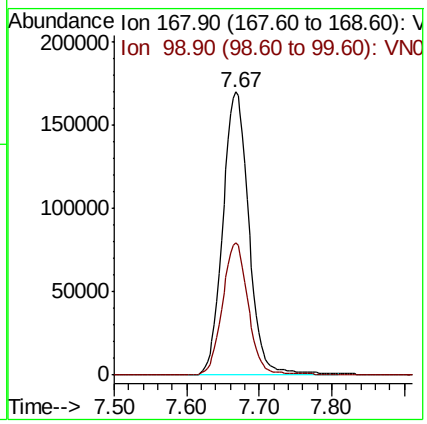


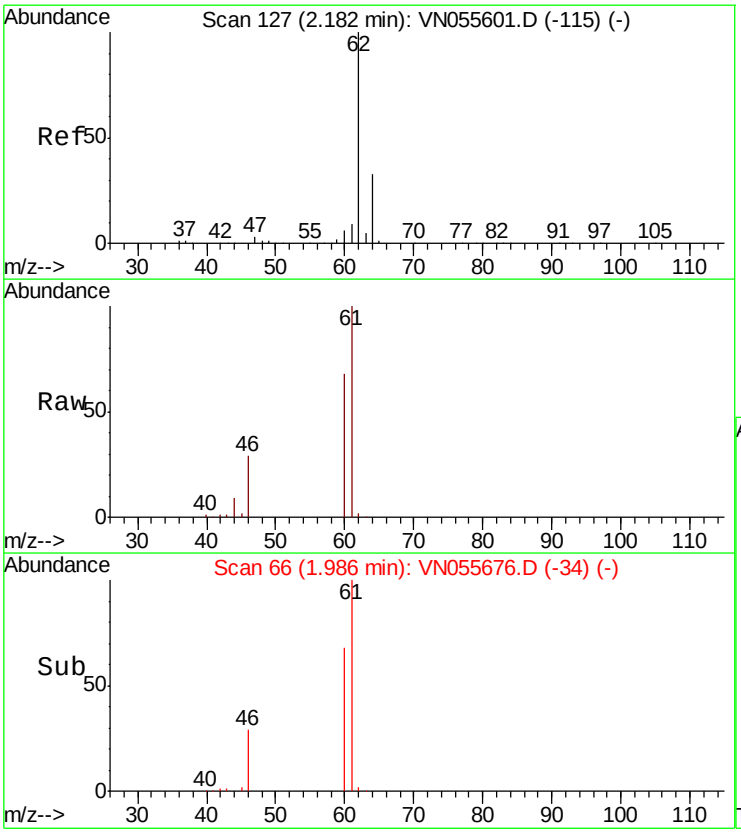


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:168 Resp: 424998

Ion	Ratio	Lower	Upper
168	100		
99	47.0	40.2	60.2

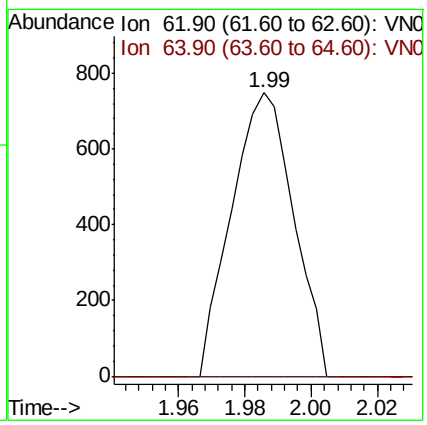


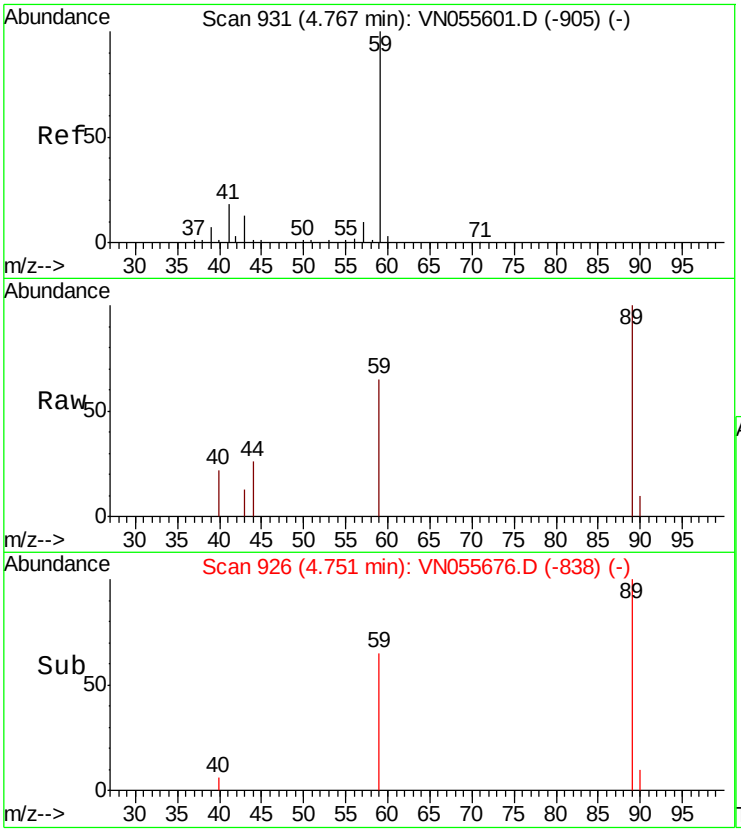


#4
Vinyl Chloride
Concen: 0.206 ug/l
RT: 1.99 min Scan# 66
Delta R.T. -0.20 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 62 Resp: 973

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.2	39.4#

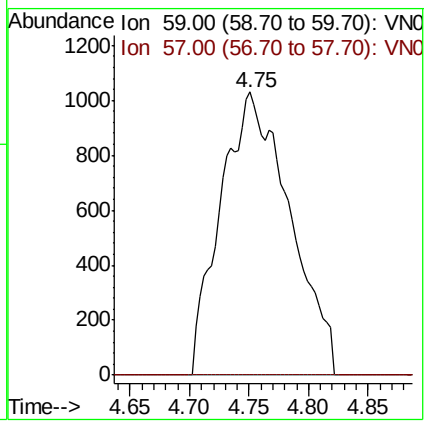


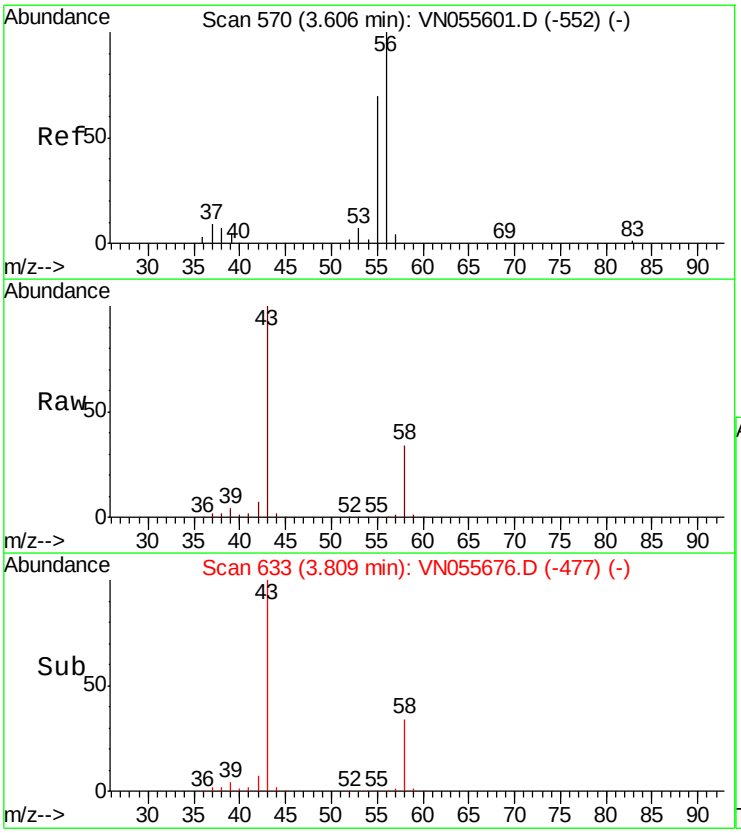


#11
Tert butyl alcohol
Concen: 4.761 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.02 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 59 Resp: 4136

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

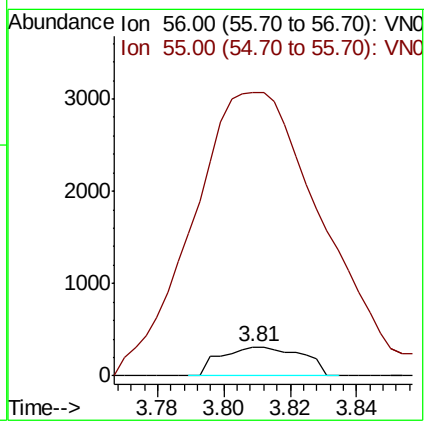


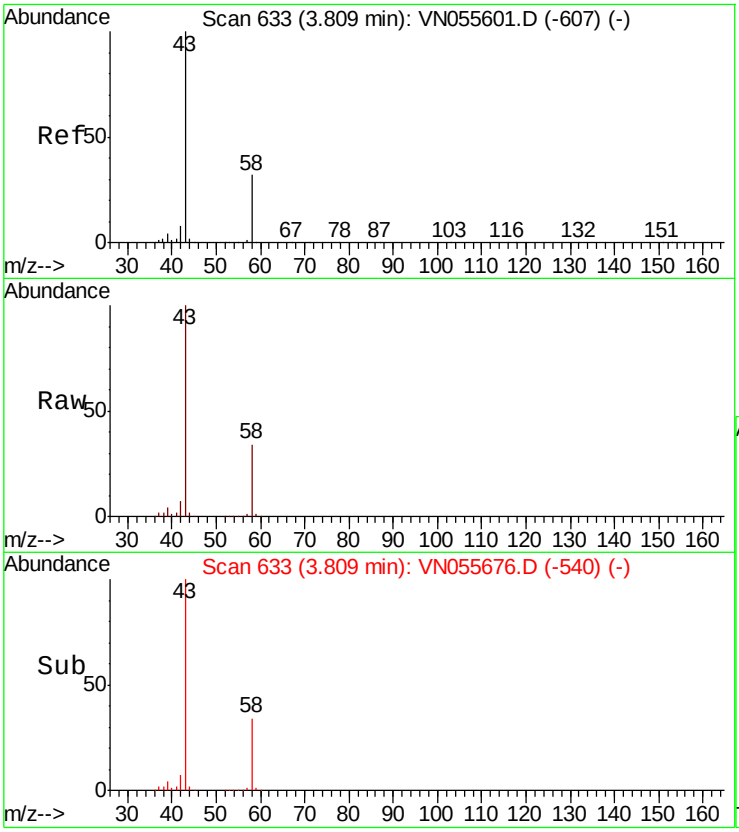


#13
Acrolein
Concen: 2.569 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.20 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 56 Resp: 538

Ion	Ratio	Lower	Upper
56	100		
55	1572.9	56.5	84.7#

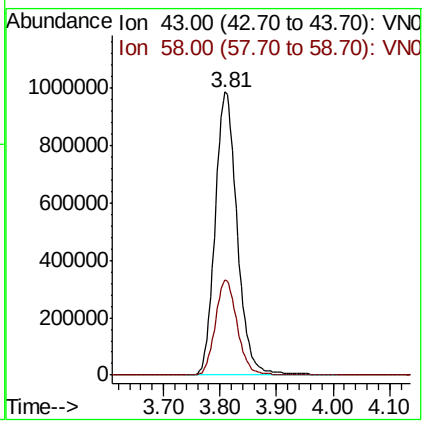


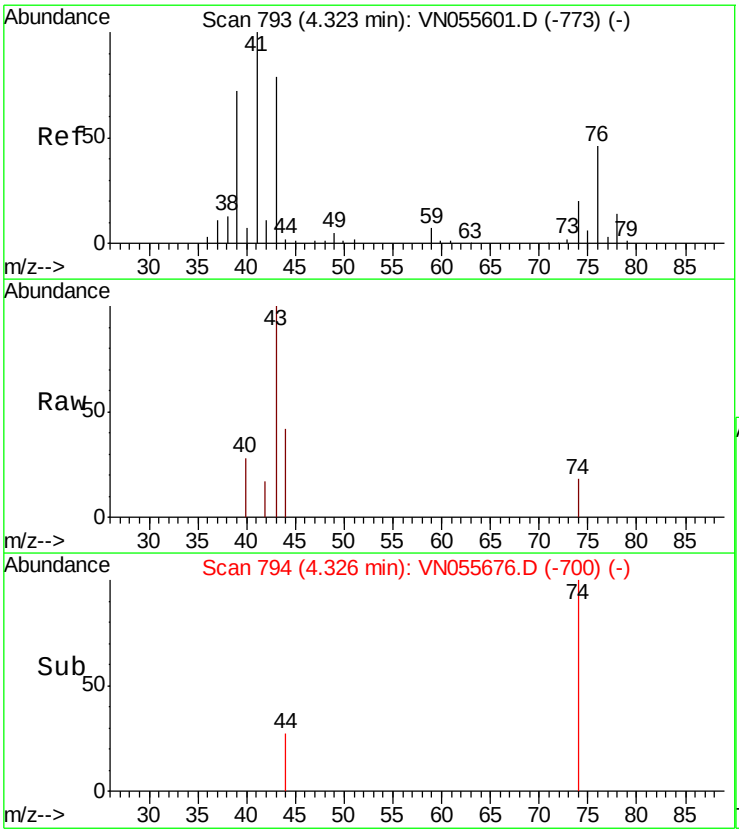


#16
Acetone
Concen: 1410.007 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 43 Resp: 2680766

Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.0	39.0

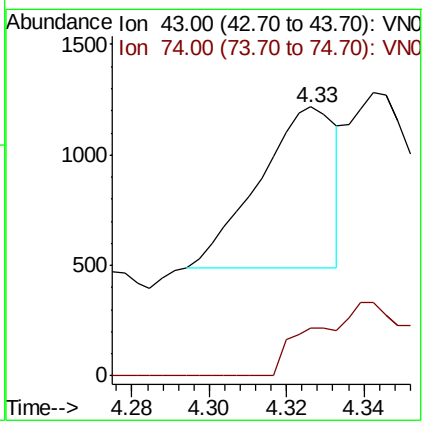


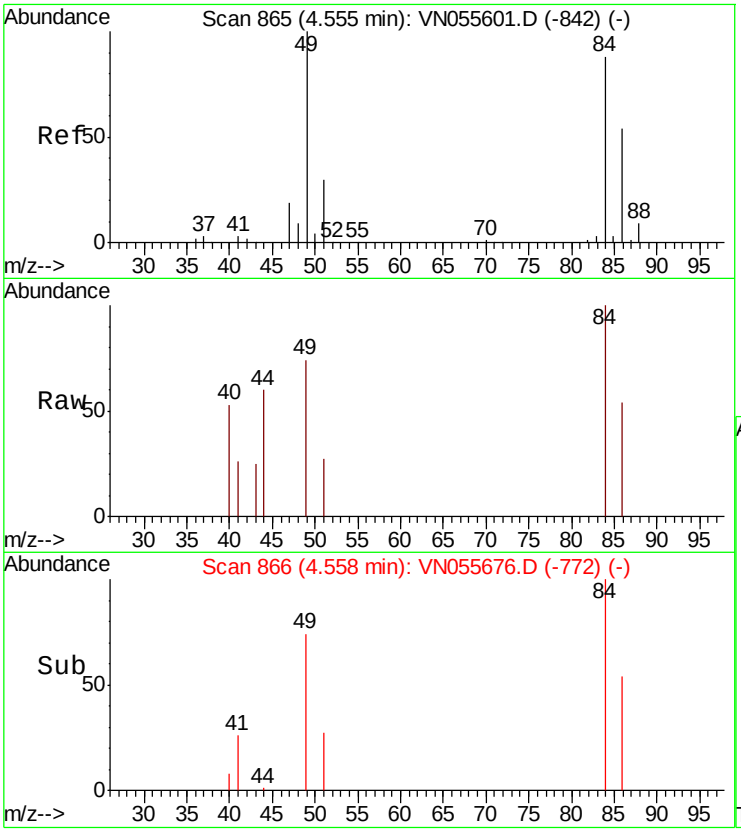


#18
Methyl Acetate
Concen: 0.245 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 43 Resp: 997

Ion	Ratio	Lower	Upper
43	100		
74	58.6	19.9	29.9#

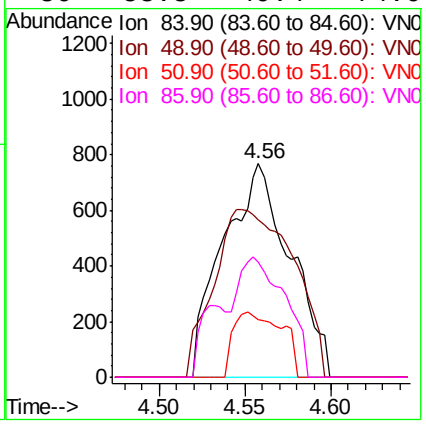


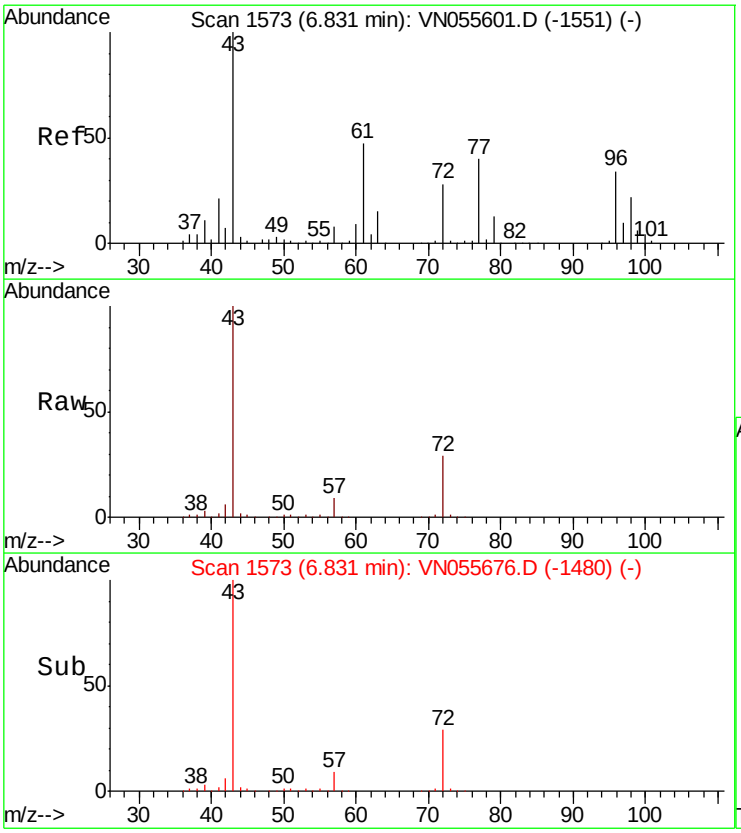


#20
Methylene Chloride
Concen: 0.482 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 84 Resp: 2092

Ion	Ratio	Lower	Upper
84	100		
49	73.7	91.0	136.4#
51	27.2	27.5	41.3#
86	53.8	49.4	74.0

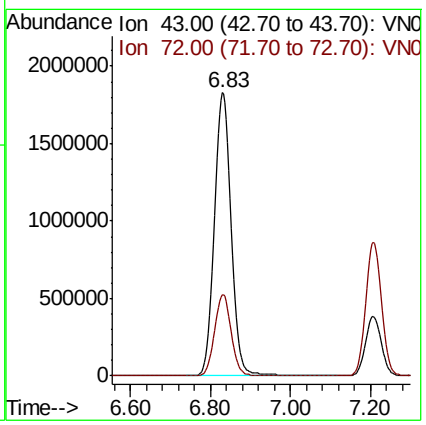


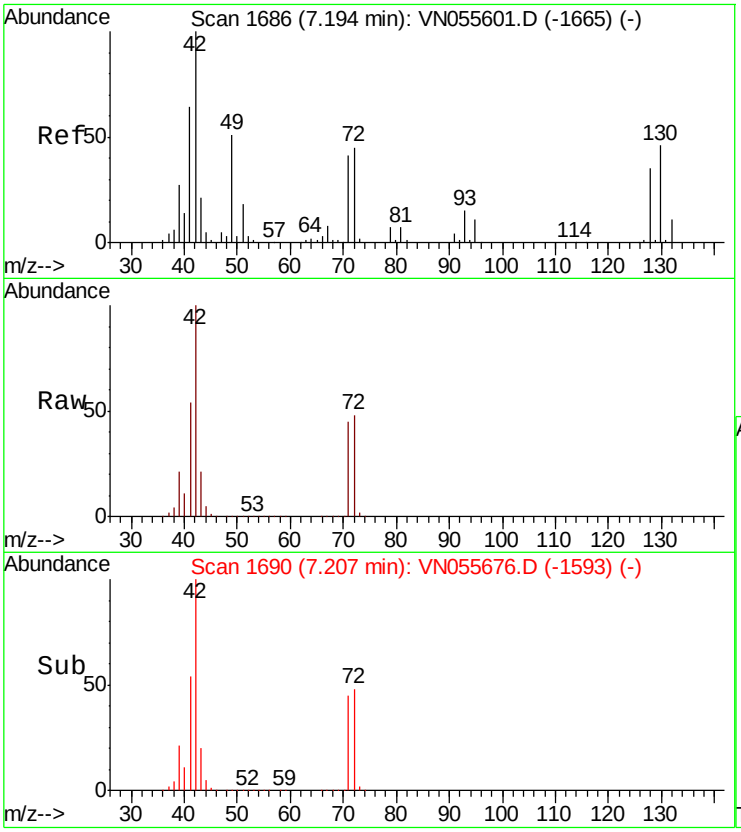


#25
2-Butanone
Concen: 2010.190 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 43 Resp: 5343782

Ion	Ratio	Lower	Upper
43	100		
72	28.8	22.3	33.5

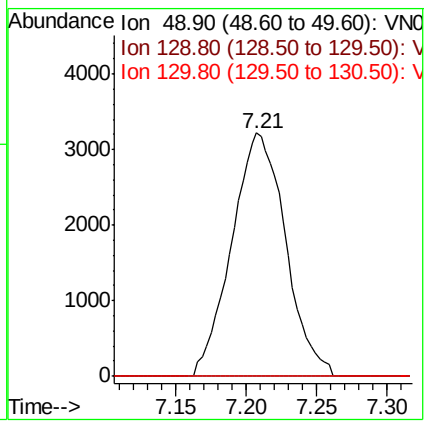


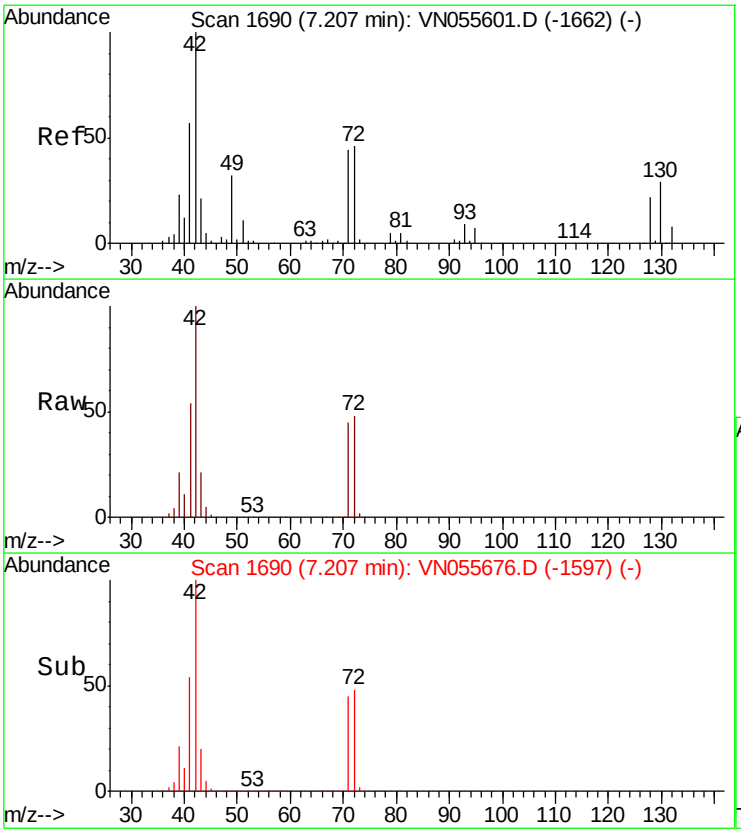


#28
Bromochloromethane
Concen: 2.709 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 49 Resp: 8580

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	71.0	106.6#

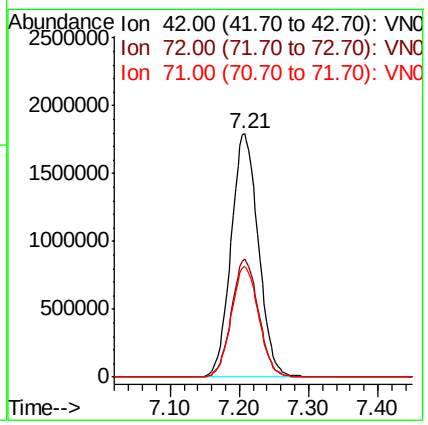


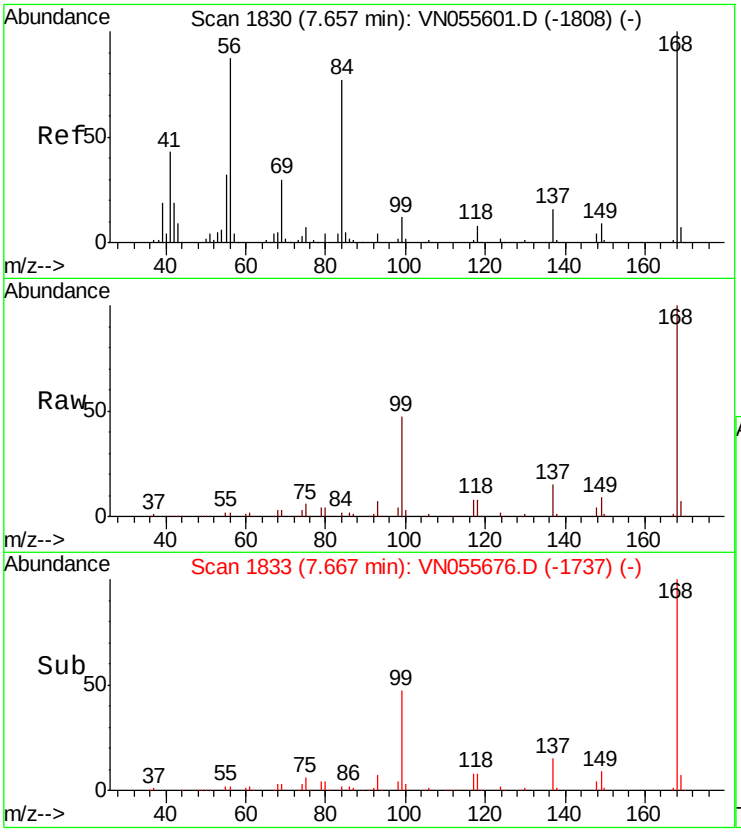


#29
Tetrahydrofuran
Concen: 2804.584 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 42 Resp: 4939387

Ion	Ratio	Lower	Upper
42	100		
72	48.2	36.5	54.7
71	45.6	34.9	52.3

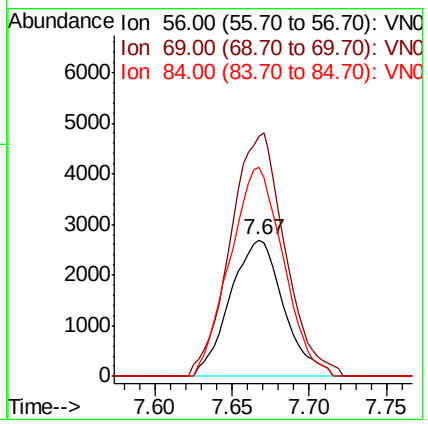


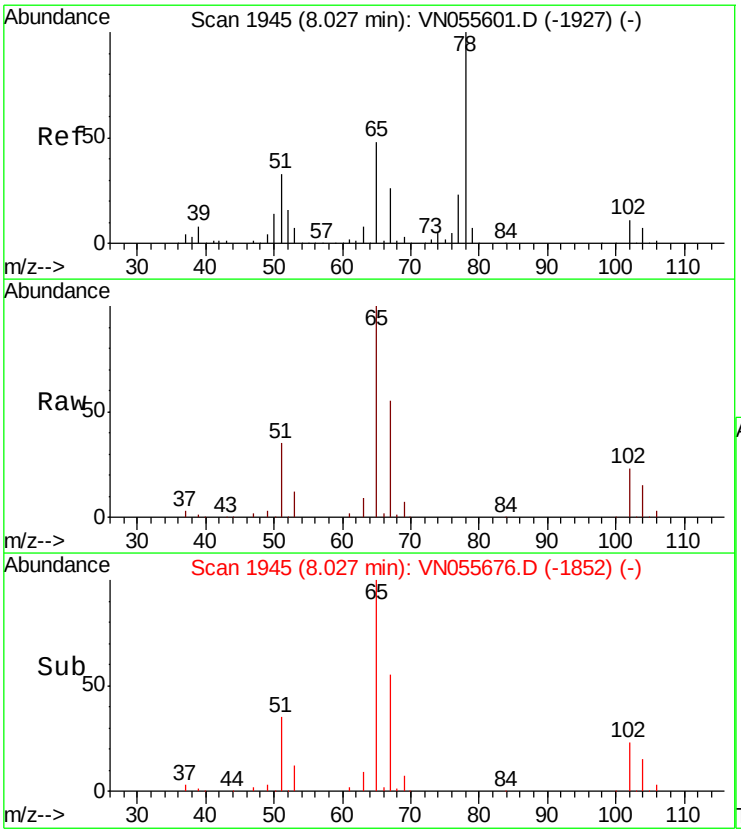


#31
Cyclohexane
Concen: 0.938 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 56 Resp: 6481

Ion	Ratio	Lower	Upper
56	100		
69	176.2	27.2	40.8#
84	153.4	71.3	106.9#

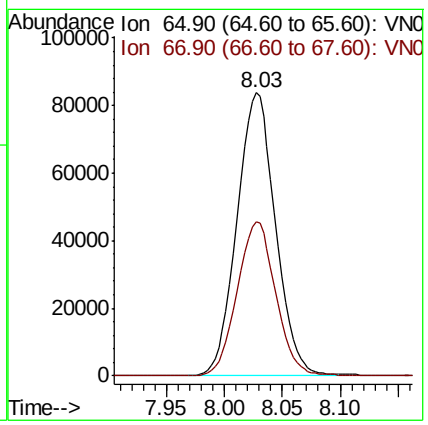


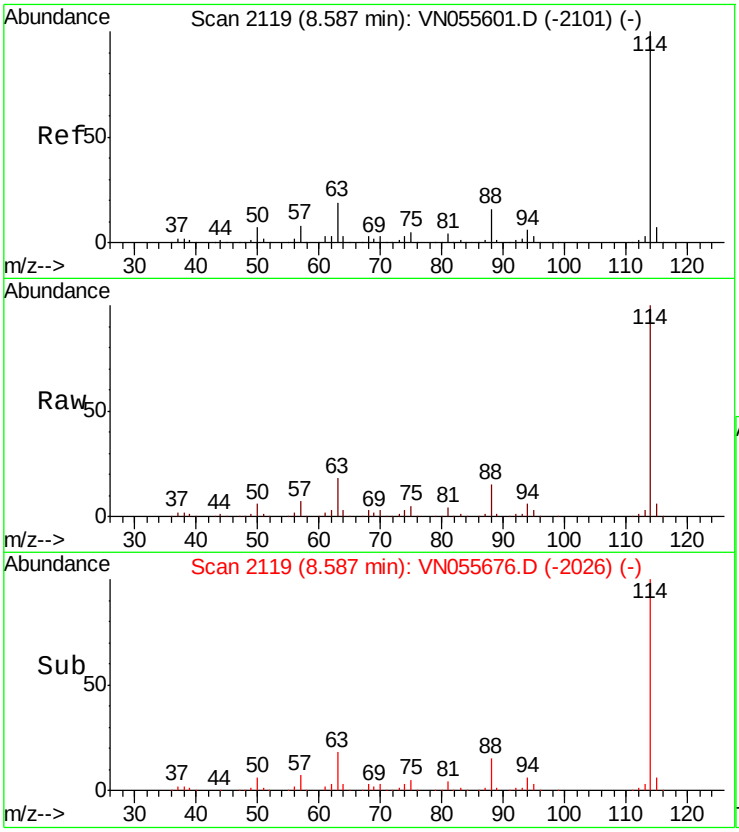


#33
1,2-Dichloroethane-d4
Concen: 41.512 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 65 Resp: 193400

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.6

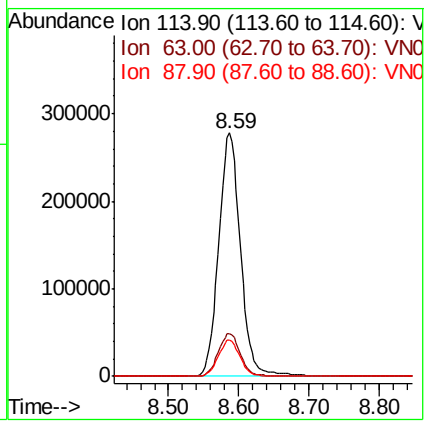


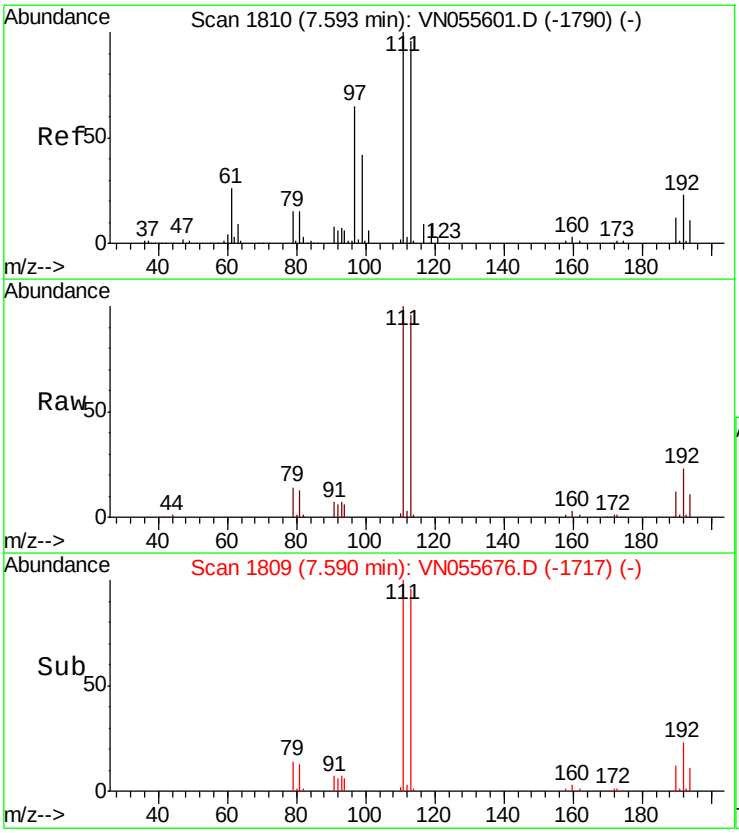


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:114 Resp: 598389

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	38.2
88	14.8	0.0	31.0

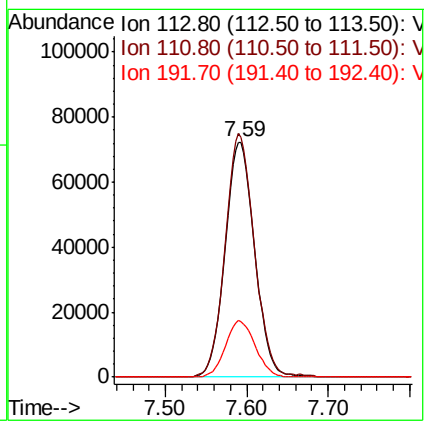


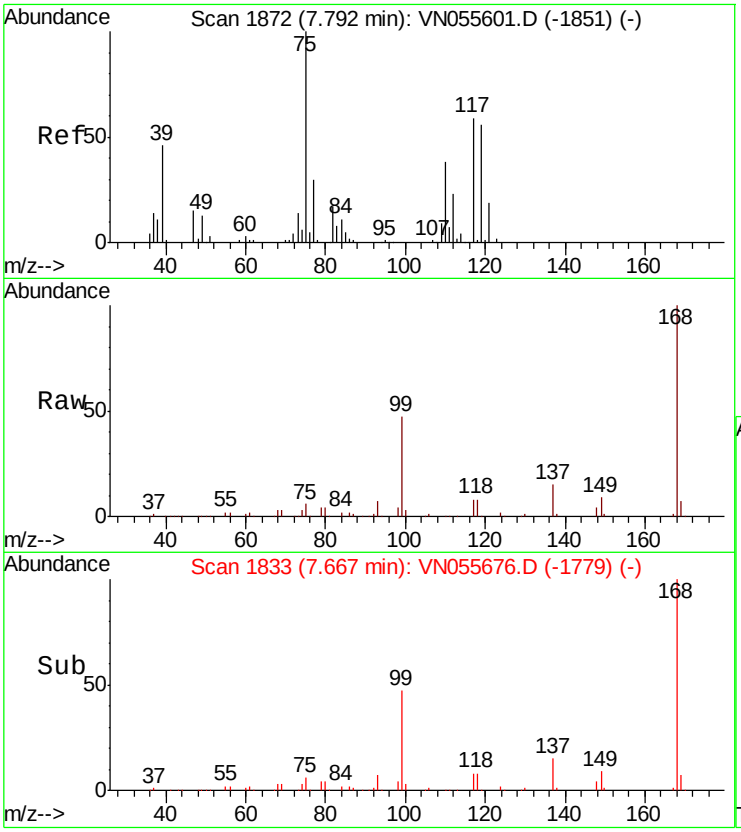


#35
Dibromofluoromethane
Concen: 48.404 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:113 Resp: 183993

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.5	123.7
192	24.1	18.7	28.1

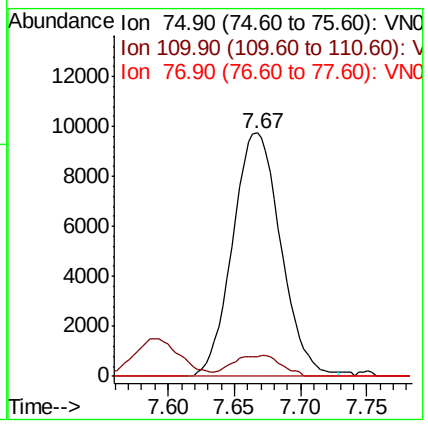


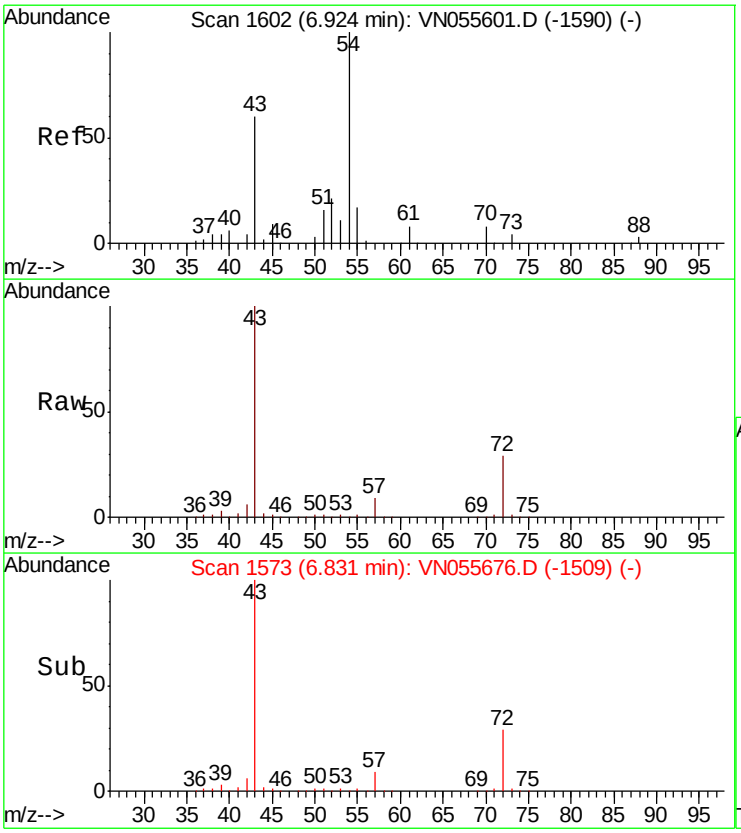


#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 75 Resp: 24597

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.6	55.6#
77	0.0	24.9	37.3#

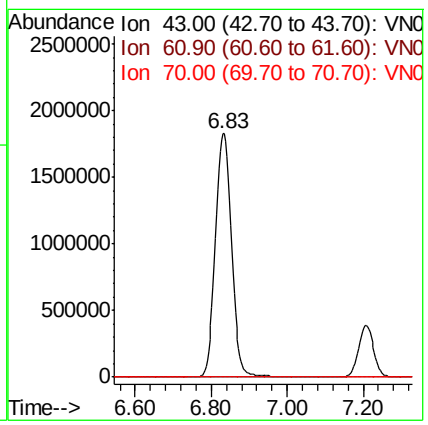


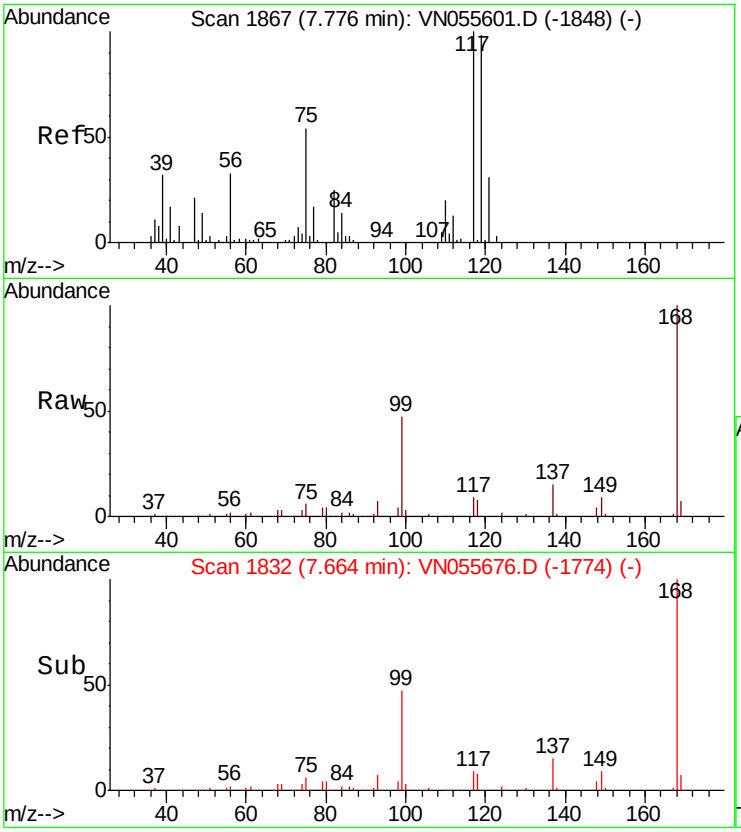


#37
Ethyl Acetate
Concen: 1110.191 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.09 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 43 Resp: 5344685

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	0.0	9.2	13.8#

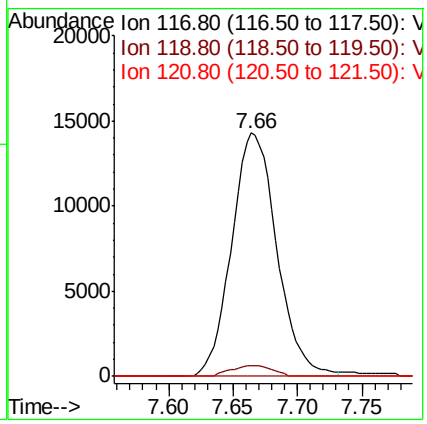


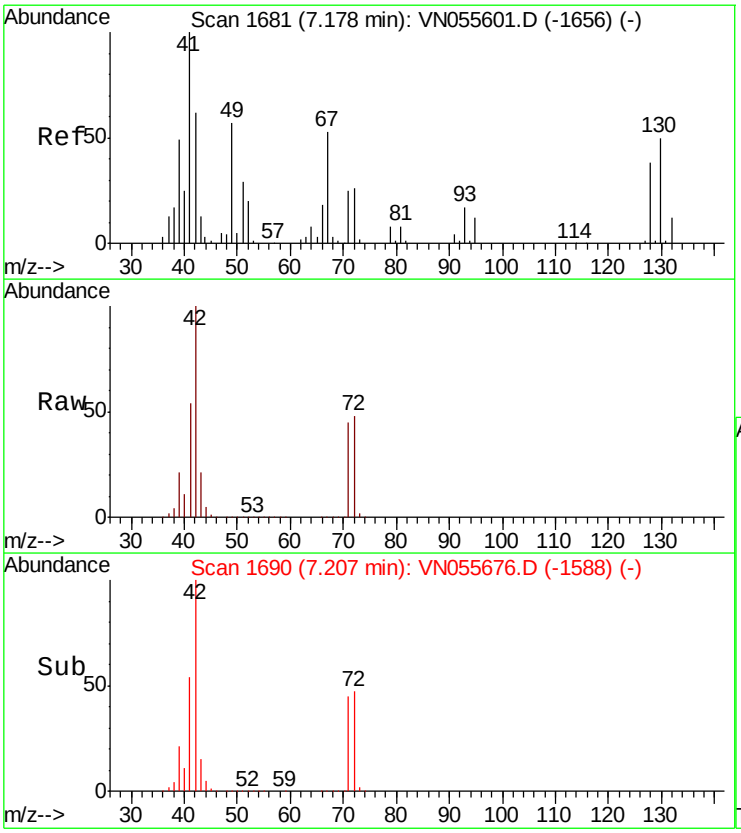


#38
Carbon Tetrachloride
Concen: 6.109 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:117 Resp: 34827

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.8	116.8#
121	0.0	24.6	37.0#

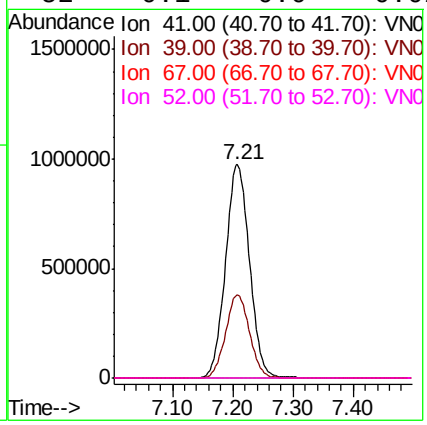


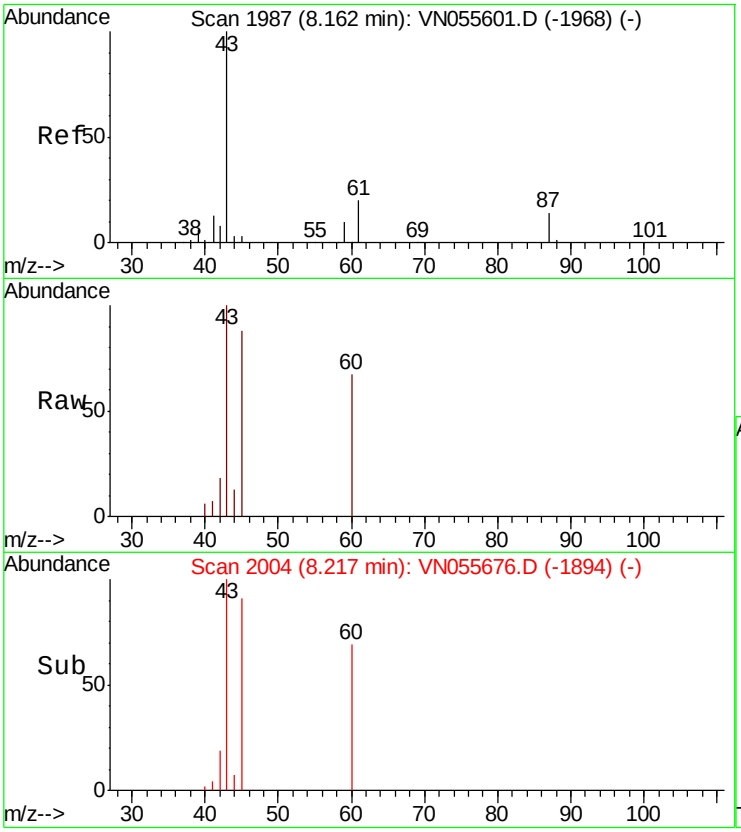


#41
Methacrylonitrile
Concen: 1310.732 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.03 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 41 Resp: 2697807

Ion	Ratio	Lower	Upper
41	100		
39	39.0	0.0	0.0#
67	0.0	0.0	0.0#
52	0.1	0.0	0.0#

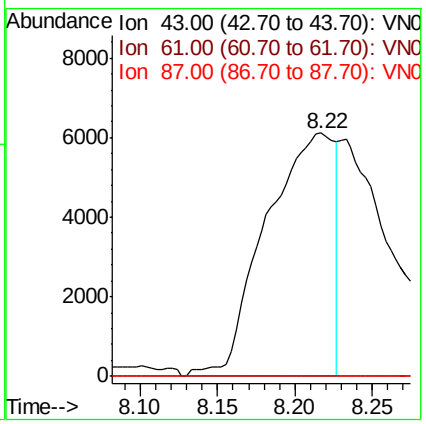


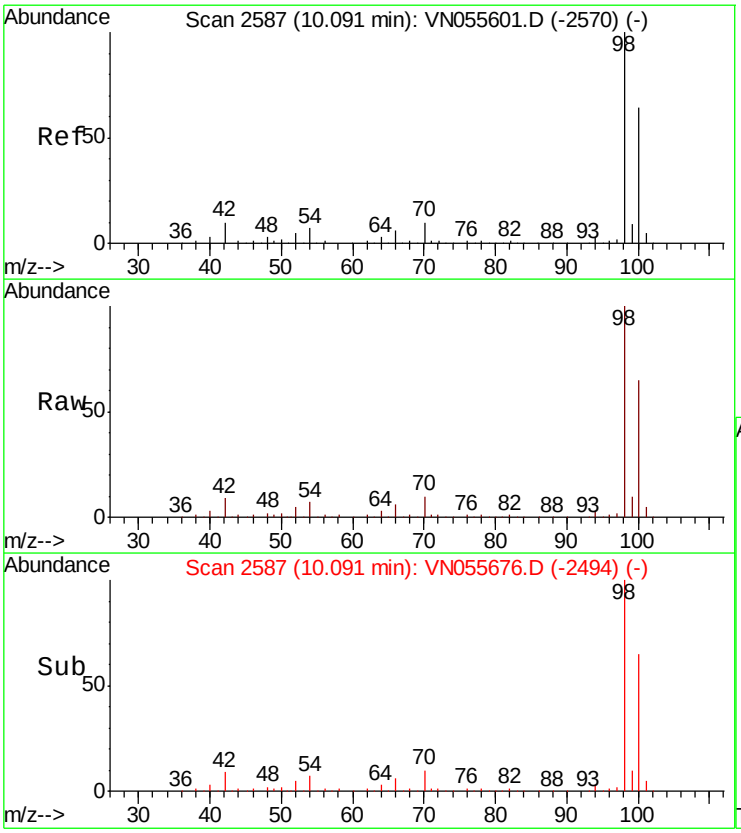


#43
Isopropyl Acetate
Concen: 2.252 ug/l
RT: 8.22 min Scan# 2004
Delta R.T. 0.05 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 43 Resp: 18857

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.1	33.1#
87	0.0	11.8	17.6#

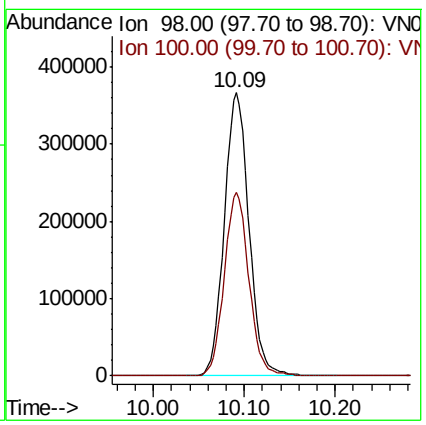


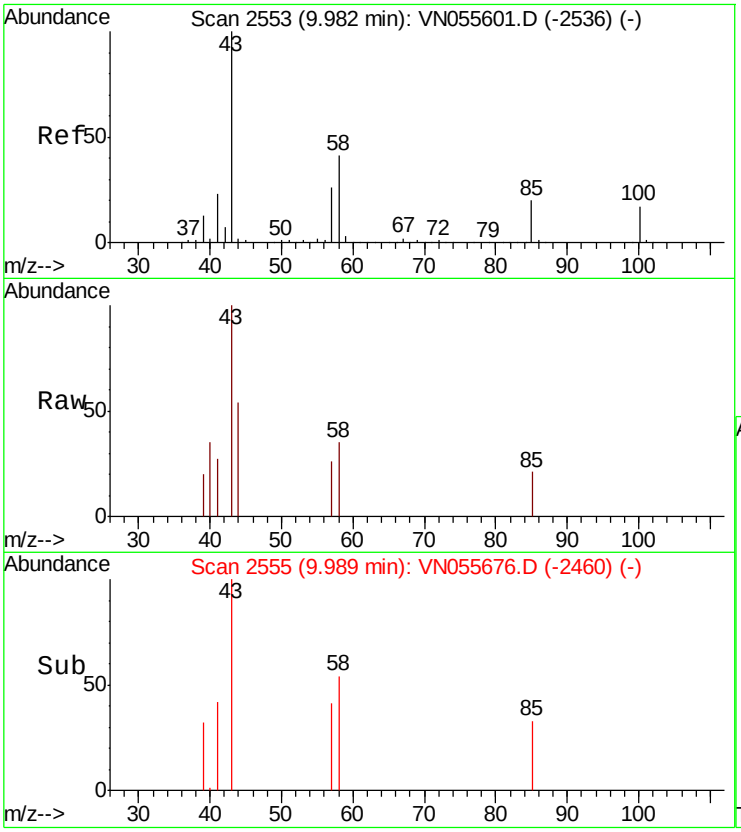


#50
Toluene-d8
Concen: 48.039 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 98 Resp: 690462

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9

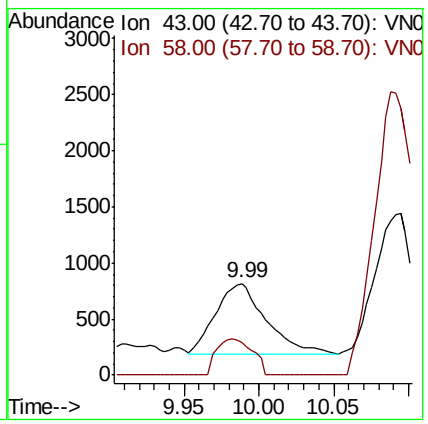


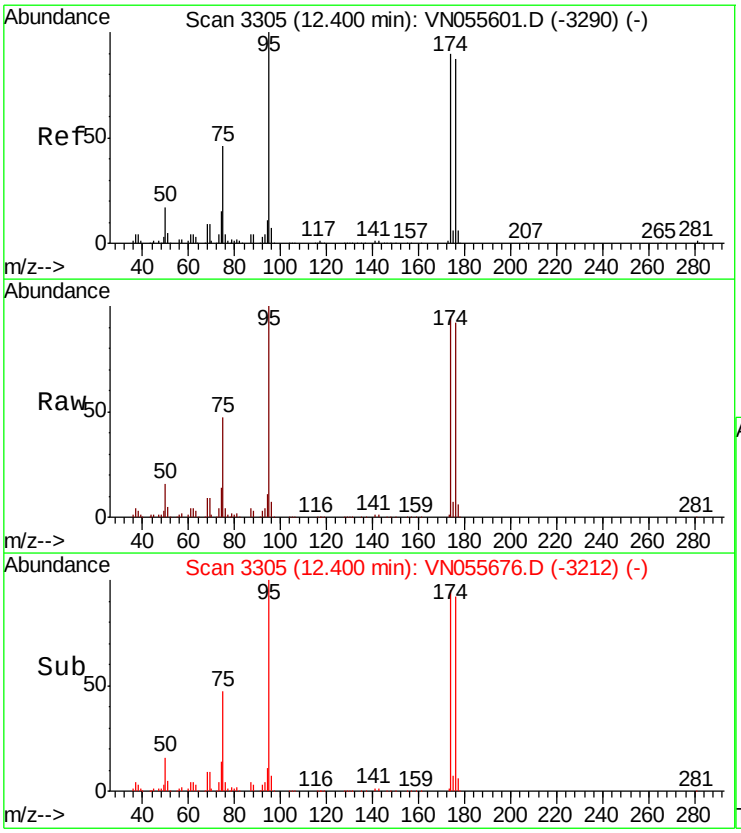


#51
4-Methyl-2-Pentanone
Concen: 0.307 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.01 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 43 Resp: 1510

Ion	Ratio	Lower	Upper
43	100		
58	35.6	32.7	49.1

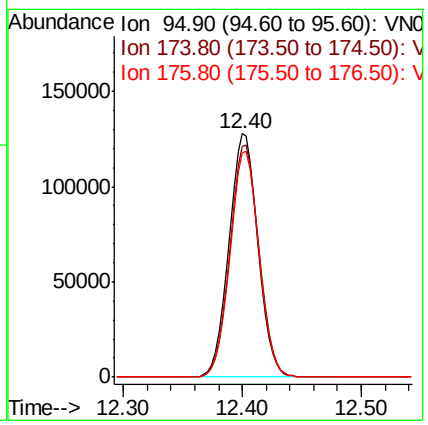


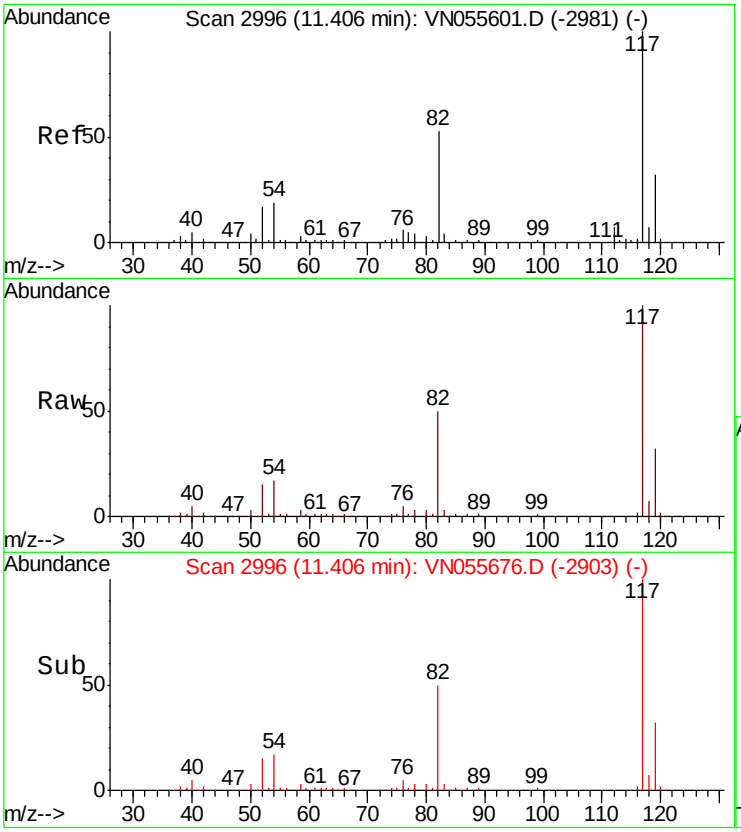


#62
4-Bromofluorobenzene
Concen: 43.193 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 95 Resp: 214376

Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	180.6
176	93.1	0.0	177.4

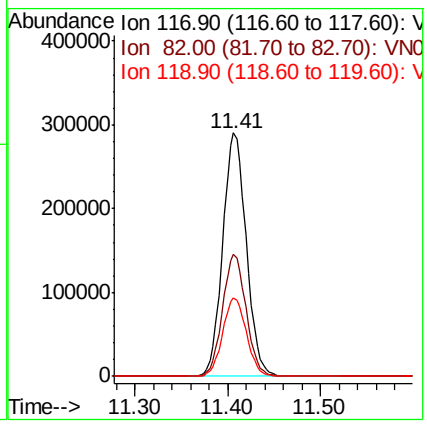


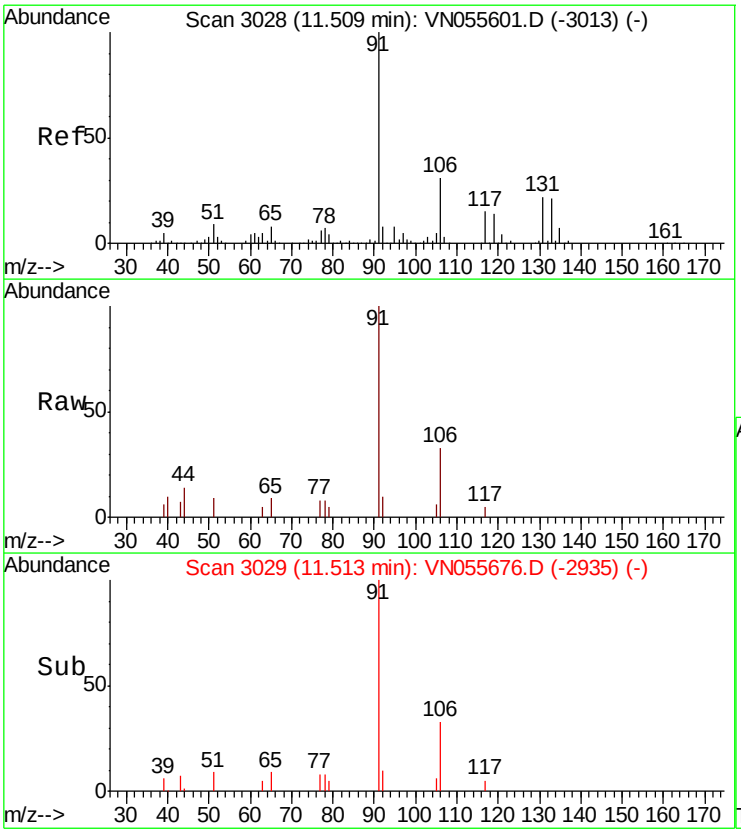


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:117 Resp: 509760

Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.3	63.5
119	32.1	25.4	38.2

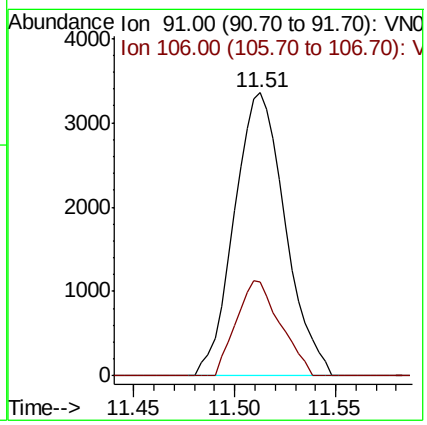


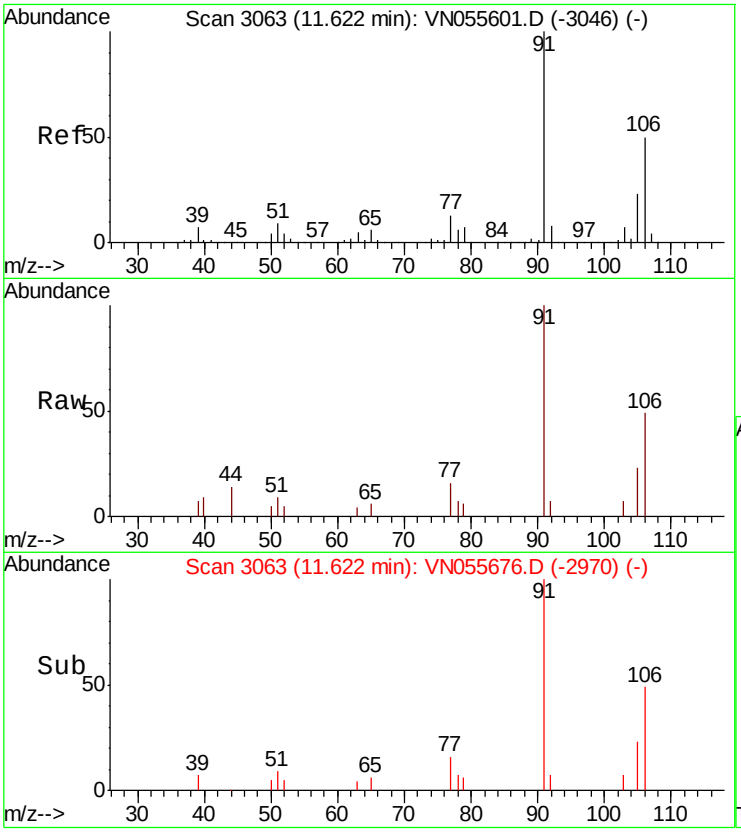


#67
Ethyl Benzene
Concen: 0.324 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 91 Resp: 5942

Ion	Ratio	Lower	Upper
91	100		
106	33.4	25.2	37.8

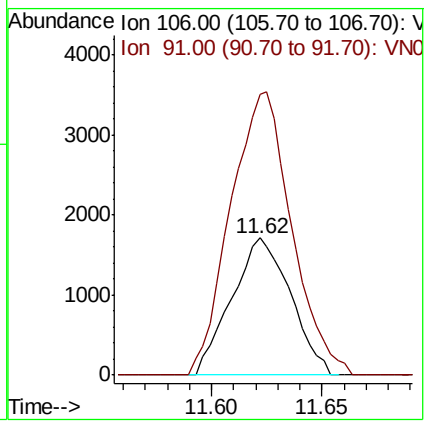


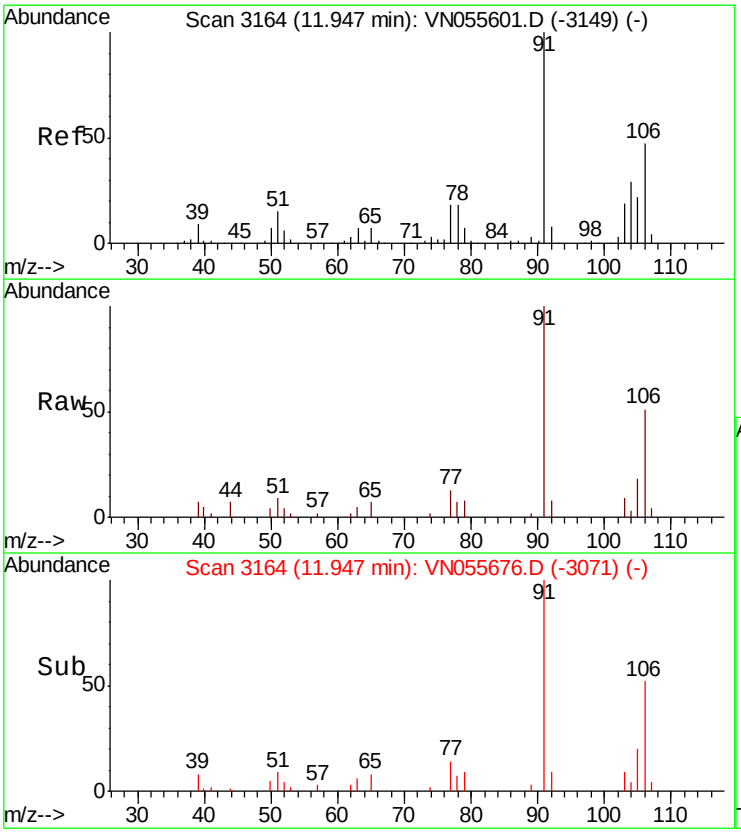


#68
m/p-Xylenes
Concen: 0.456 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:106 Resp: 3163

Ion	Ratio	Lower	Upper
106	100		
91	215.0	160.5	240.7

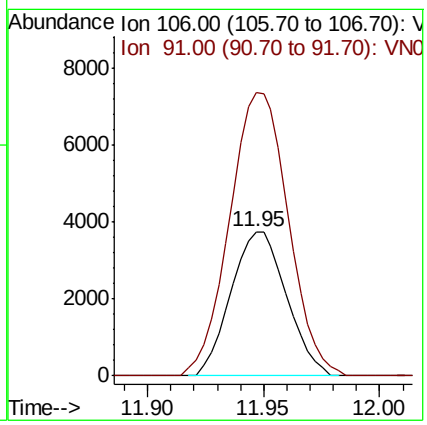


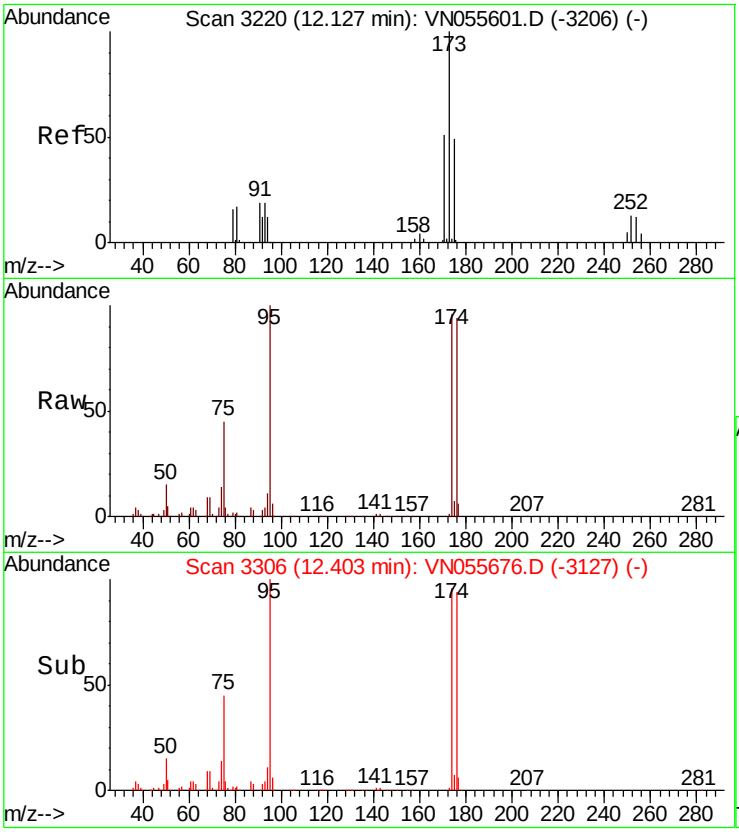


#69
o-Xylene
Concen: 0.916 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:106 Resp: 6213

Ion	Ratio	Lower	Upper
106	100		
91	208.0	106.7	320.2

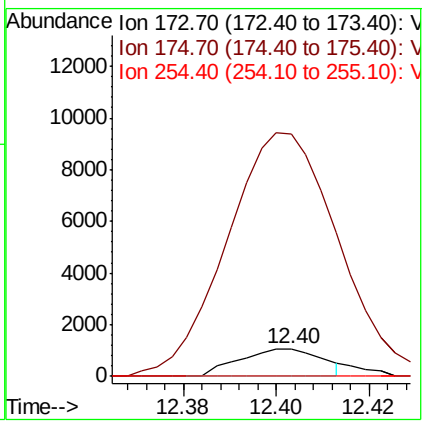


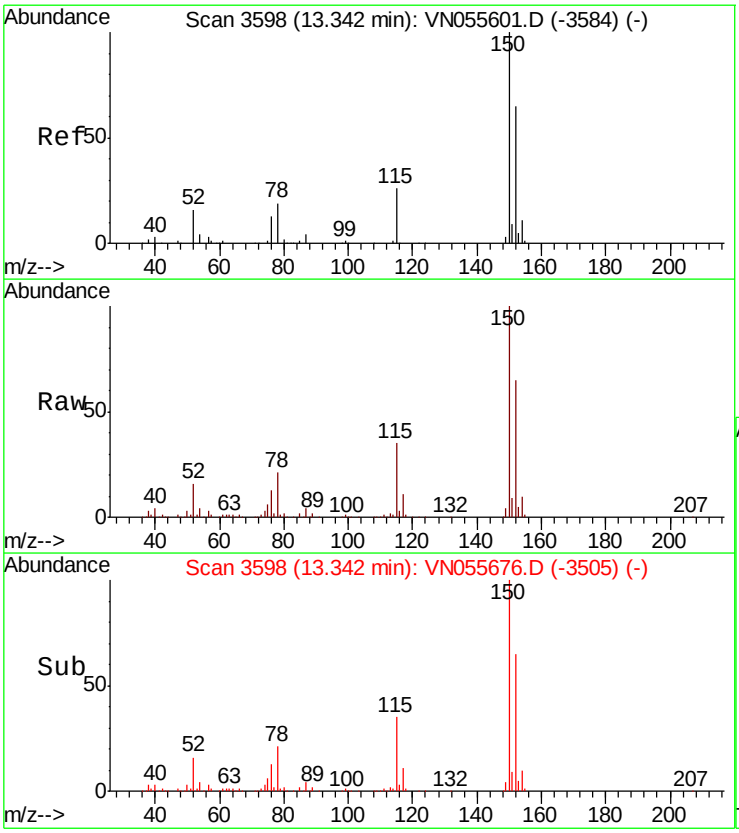


#71
Bromoform
Concen: 0.375 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:173 Resp: 1319

Ion	Ratio	Lower	Upper
173	100		
175	1051.5	24.3	72.9#
254	0.0	0.1	0.1#

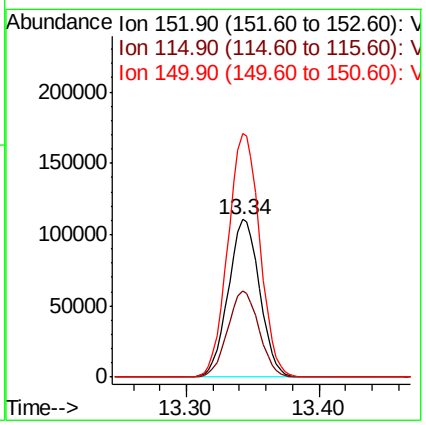


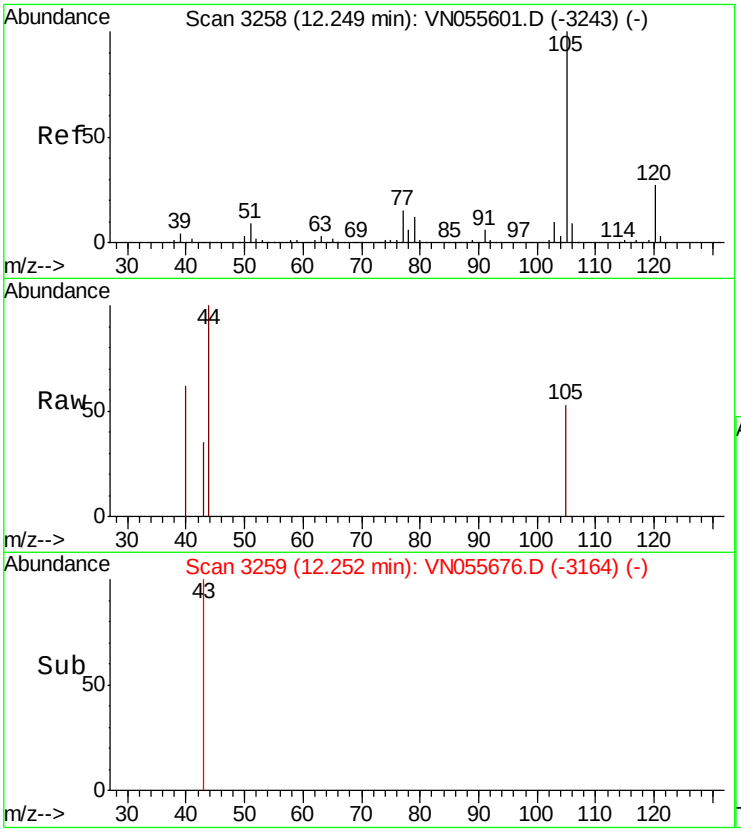


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:152 Resp: 182087

Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.1	84.2
150	156.1	0.0	348.0

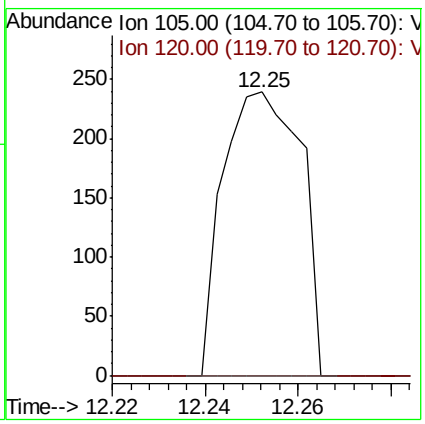


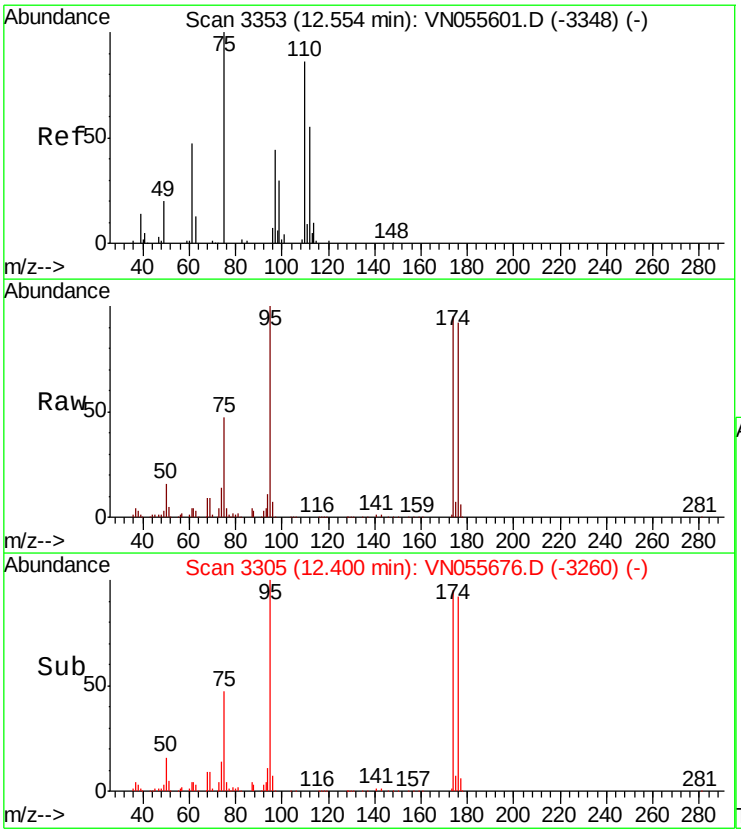


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:105 Resp: 278

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.4	40.2#

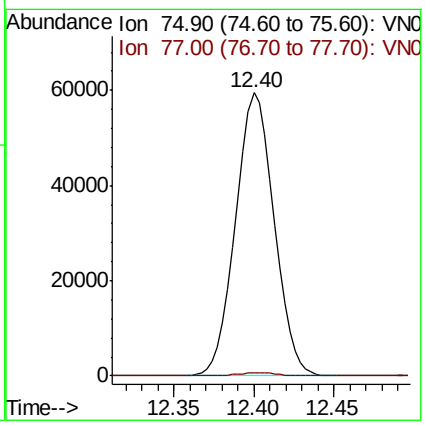


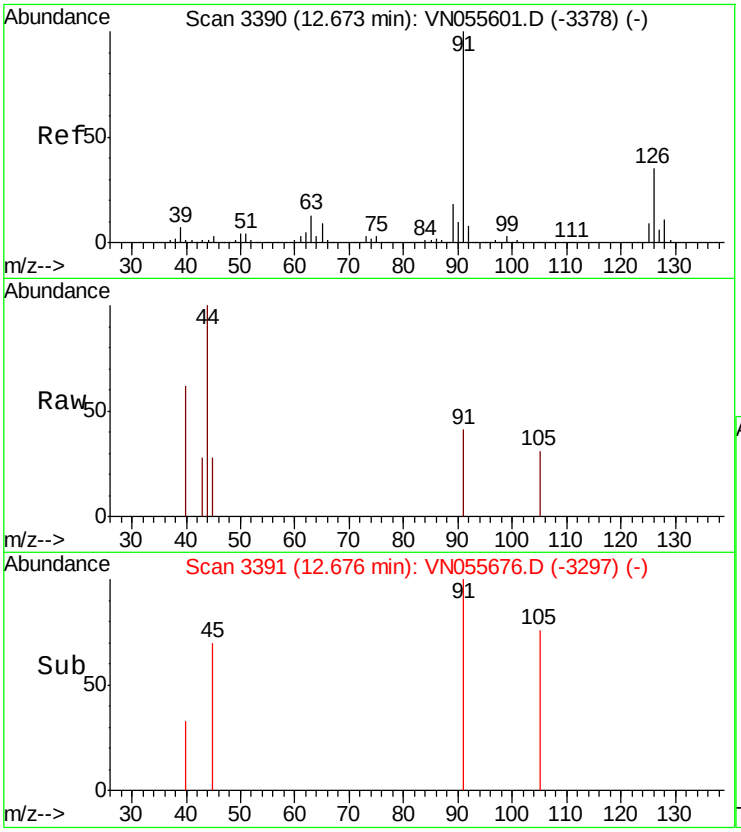


#76
1,2,3-Trichloropropane
Concen: 26.287 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 75 Resp: 97669

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

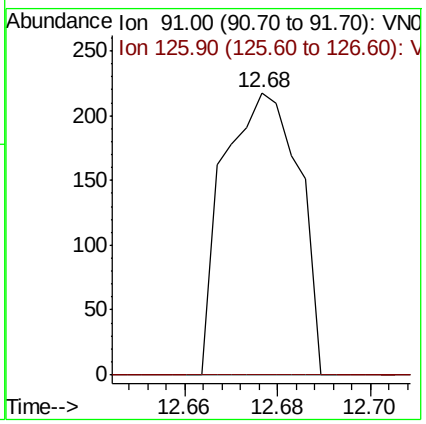


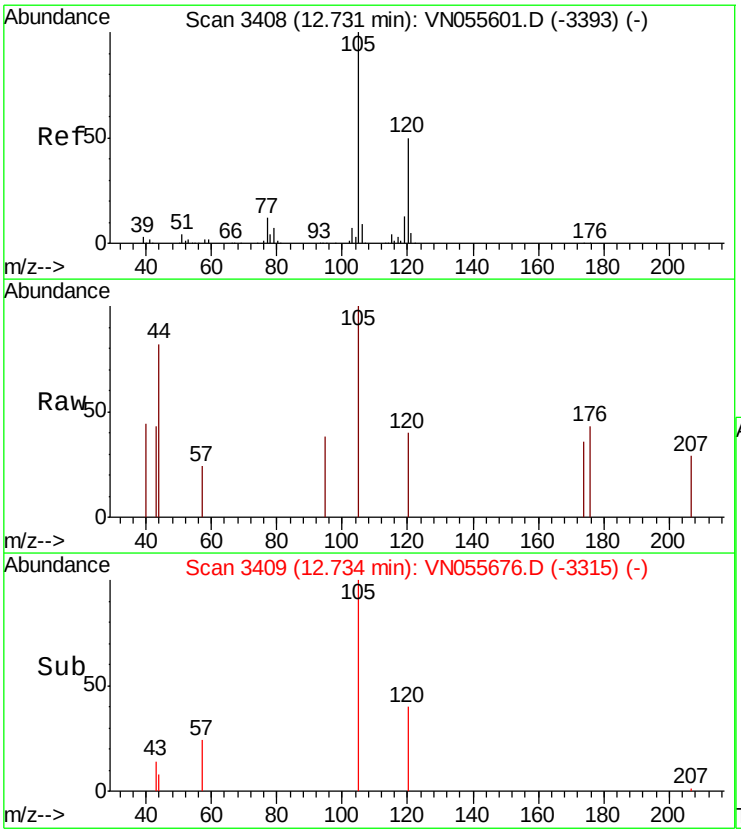


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 91 Resp: 247

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.8	53.4#

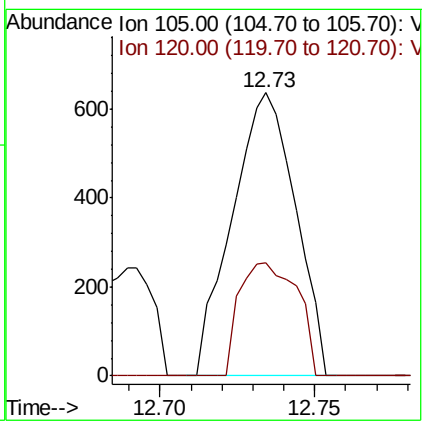


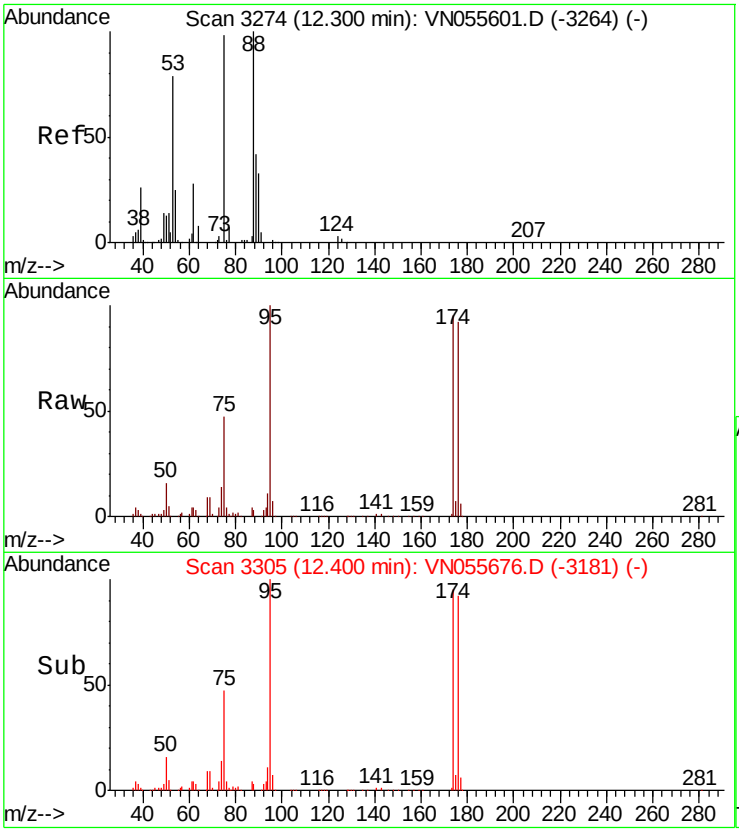


#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:105 Resp: 906

Ion	Ratio	Lower	Upper
105	100		
120	36.5	24.6	74.0

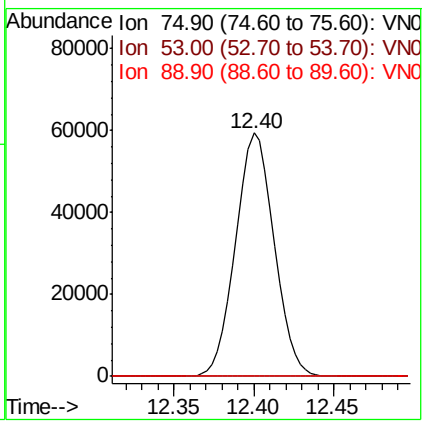


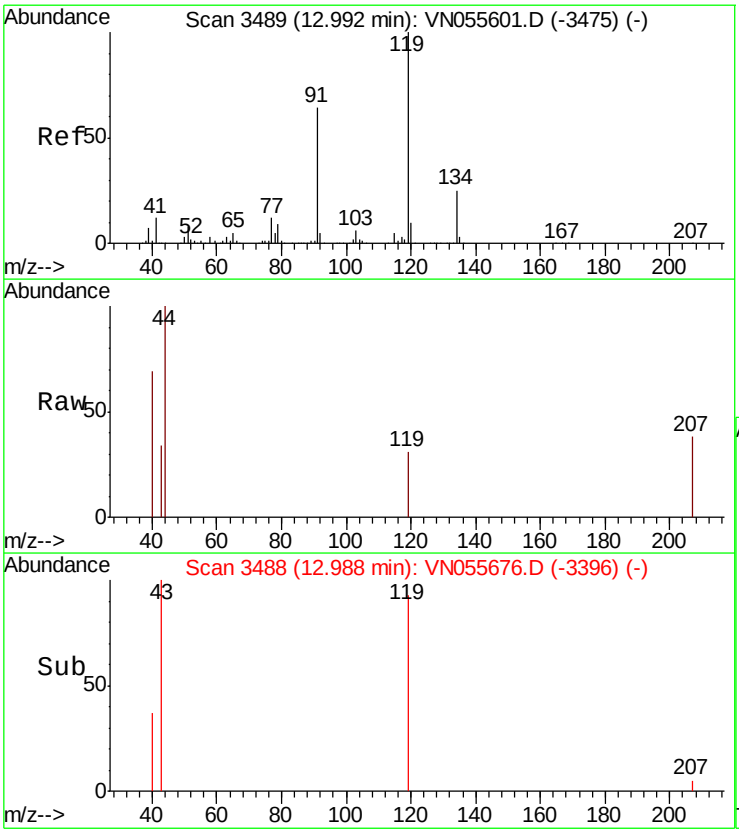


#81
trans-1,4-Dichloro-2-butene
Concen: 67.572 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 75 Resp: 97669

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.1	97.7#
89	0.0	36.4	54.6#

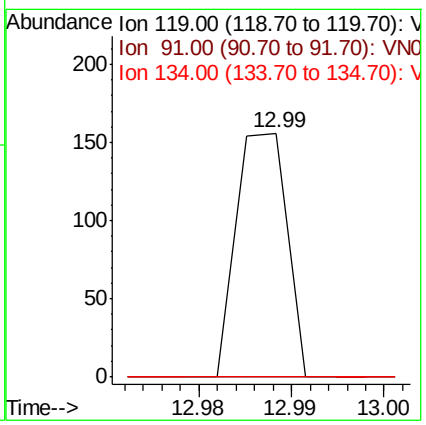


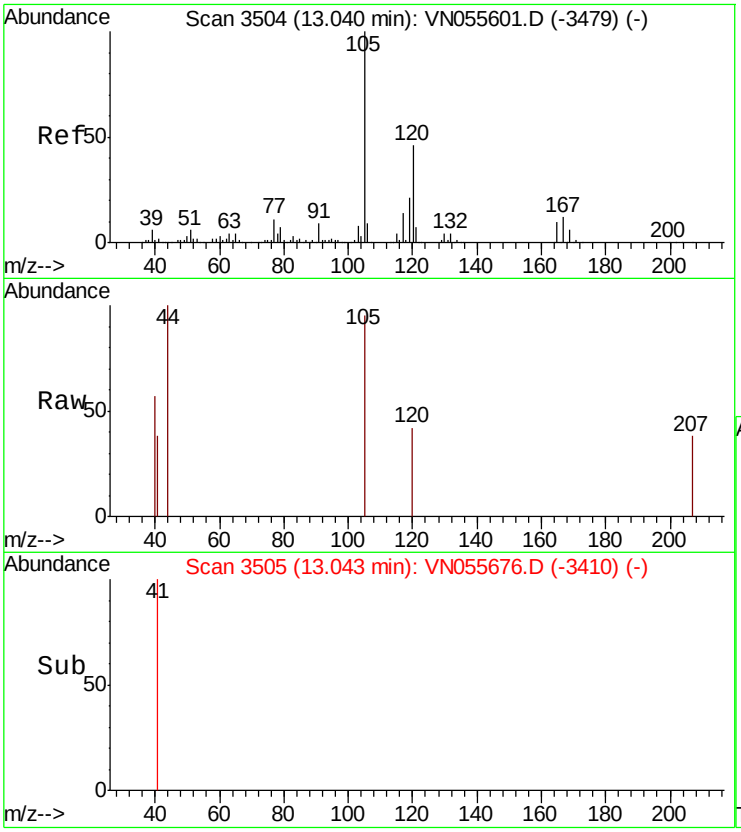


#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:119 Resp: 60

Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.3	93.8#
134	0.0	13.2	39.6#

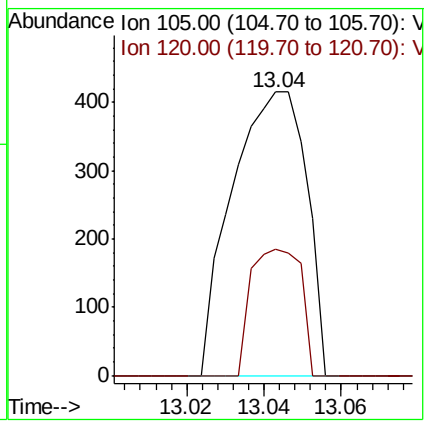


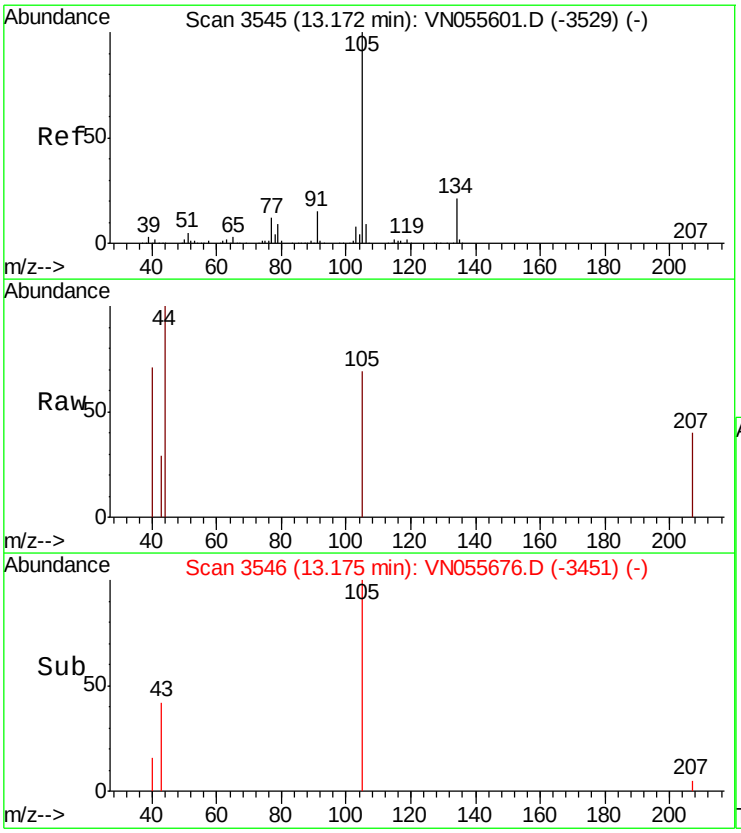


#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:105 Resp: 555

Ion	Ratio	Lower	Upper
105	100		
120	30.1	23.1	69.2

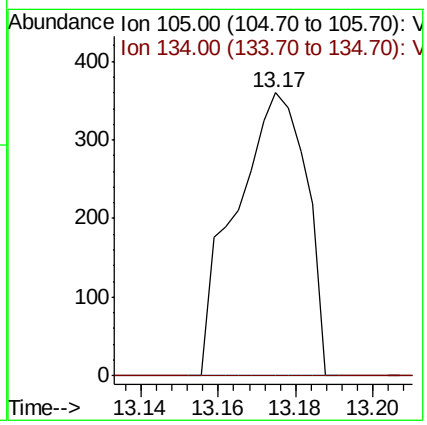


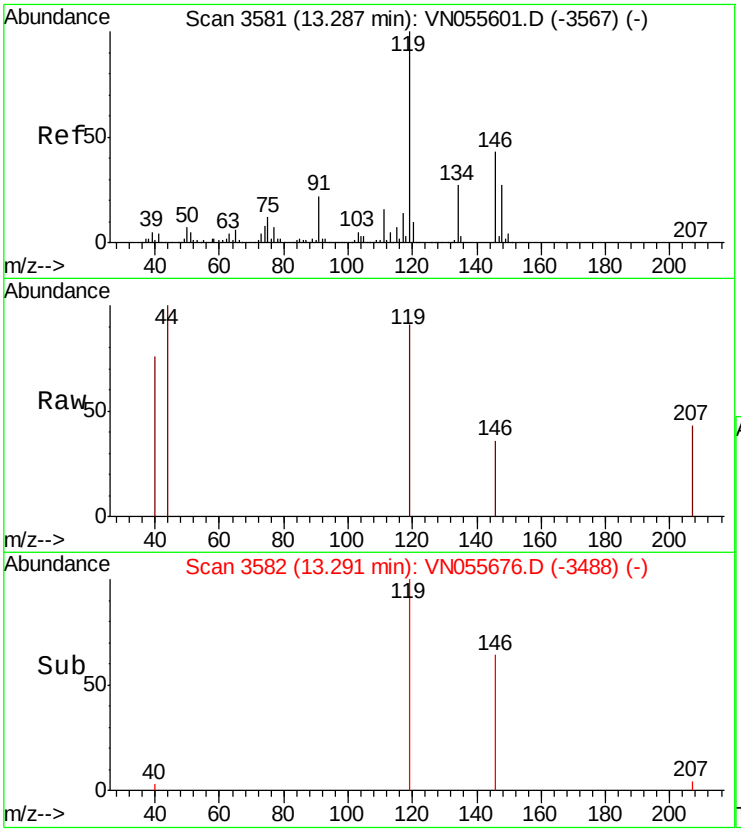


#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:105 Resp: 457

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.9#

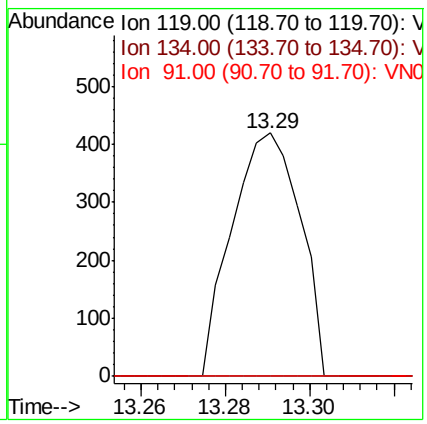


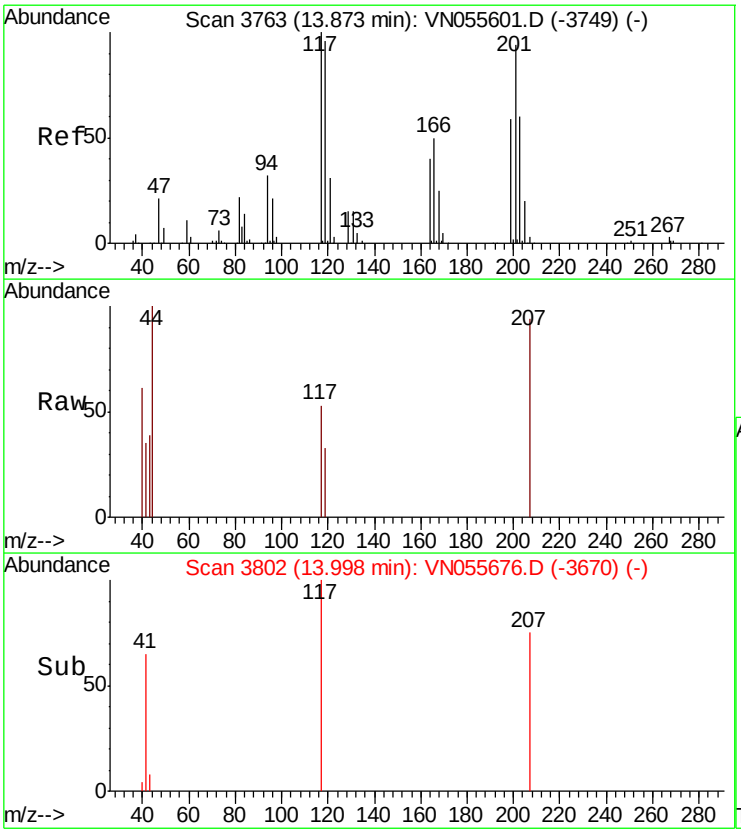


#86
p-Isopropyltoluene
Concen: Below Cal
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:119 Resp: 469

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.4	40.2#
91	0.0	11.0	33.0#

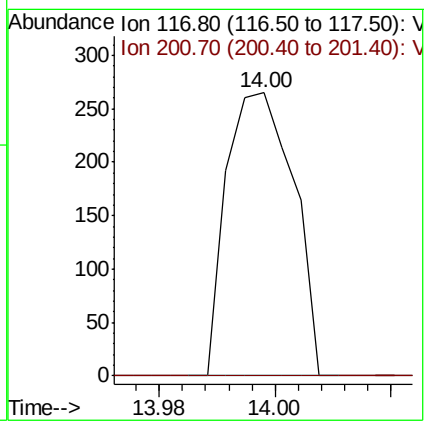


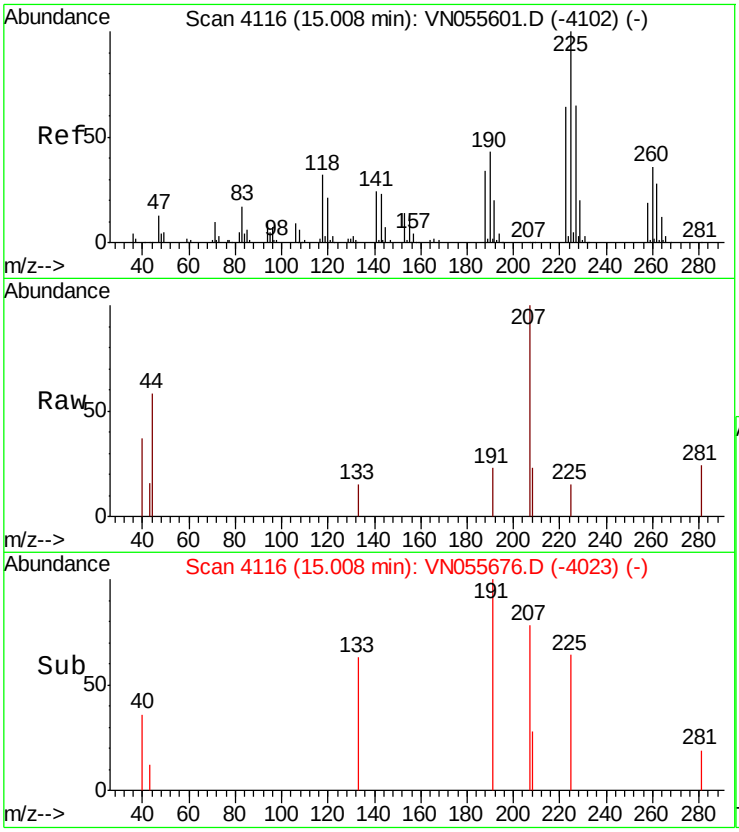


#90
Hexachloroethane
Concen: Below Cal
RT: 14.00 min Scan# 3802
Delta R.T. 0.13 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:117 Resp: 211

Ion	Ratio	Lower	Upper
117	100		
201	0.0	47.1	141.3#

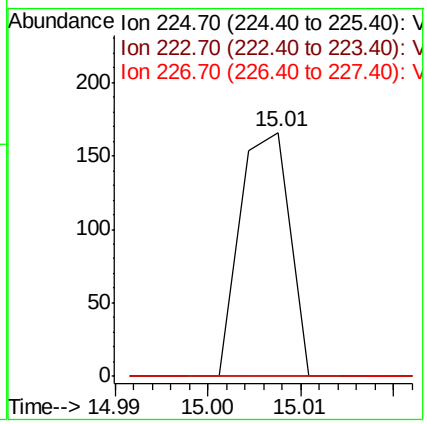


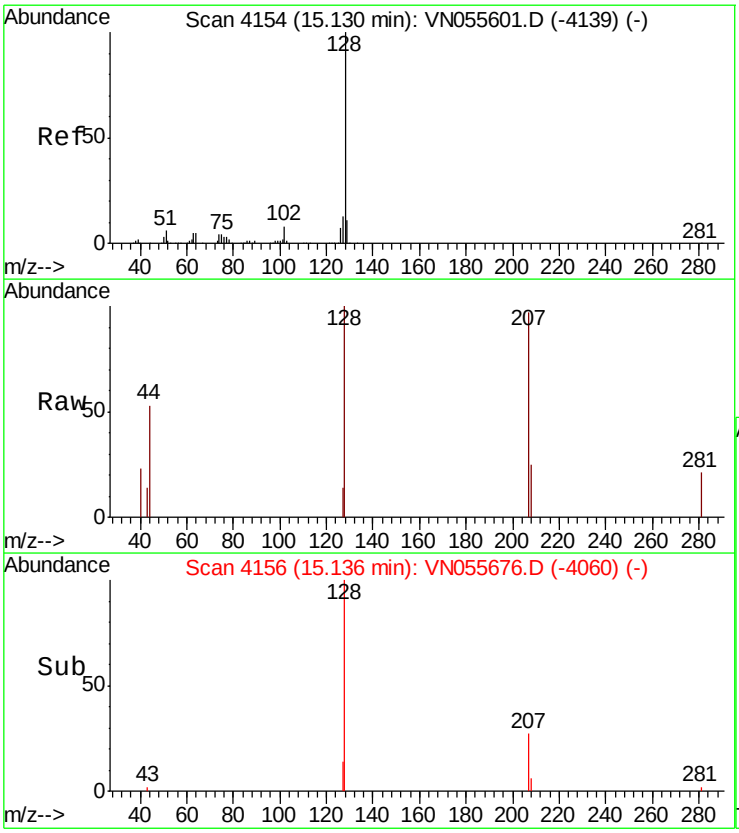


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:225 Resp: 62

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.6	94.7#
227	0.0	32.4	97.0#





#95
Naphthalene
Concen: 1.984 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:128 Resp: 2153

Ion	Ratio	Lower	Upper
128	100		
127	4.4	10.2	15.4#
129	0.0	8.6	12.8#