Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100618\
Data File : VN051701.D
Acq On : 5 Oct 2018 21:35
Operator : MD\SY
Sample : J5084-13
Misc : 5.76g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 31 Sample Multiplier: 28

Quant Time: Oct 06 01:21:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	590571	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	853732	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	774571	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	377205	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	361661	46.36 ug/l	0.00
Spiked Amount 50.000			Recovery = 92.72%		
35) Dibromofluoromethane	7.59	113	319028	48.33 ug/l	0.00
Spiked Amount 50.000			Recovery = 96.66%		
50) Toluene-d8	10.09	98	1229049	49.91 ug/l	0.00
Spiked Amount 50.000			Recovery = 99.82%		
62) 4-Bromofluorobenzene	12.40	95	384143	44.07 ug/l	0.00
Spiked Amount 50.000			Recovery = 88.14%		
Target Compounds					Qvalue
7) Trichlorofluoromethane	2.98	101	354	Below Cal #	74
10) Methyl Iodide	3.93	142	30	2.342 ug/l #	41
11) Tert butyl alcohol	4.74	59	1032	1.946 ug/l #	73
13) Acrolein	3.60	56	405	1.223 ug/l #	63
16) Acetone	3.81	43	95	Below Cal #	44
18) Methyl Acetate	4.34	43	3107	0.722 ug/l #	73
20) Methylene Chloride	4.54	84	2262	0.352 ug/l #	83
25) 2-Butanone	6.85	43	1478	0.656 ug/l	98
31) Cyclohexane	7.66	56	13252	1.251 ug/l #	39
36) 1,1-Dichloropropene	7.66	75	40043	4.487 ug/l #	49
38) Carbon Tetrachloride	7.67	117	52986	4.948 ug/l #	15
41) Methacrylonitrile	7.16	41	45	Below Cal #	1
43) Isopropyl Acetate	8.14	43	2978	0.307 ug/l #	59
48) Methyl methacrylate	9.22	41	3307	0.746 ug/l #	20
51) 4-Methyl-2-Pentanone	10.02	43	4594	0.934 ug/l	92
55) 1,1,2-Trichloroethane	10.53	97	18749	2.991 ug/l #	21
56) Ethyl methacrylate	10.43	69	3422	0.432 ug/l #	1
59) 2-Hexanone	10.72	43	25559	7.654 ug/l #	29
71) Bromoform	12.40	173	3862	0.676 ug/l #	1
74) N-amyl acetate	12.04	43	38613	2.705 ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.48	83	1428	Below Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	209056	44.122 ug/l #	100
78) n-propylbenzene	12.59	91	22684	0.647 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	209056	101.877 ug/l #	14
85) sec-Butylbenzene	13.17	105	20119	0.626 ug/l #	49
89) n-Butylbenzene	13.61	91	39258	1.744 ug/l #	72
90) Hexachloroethane	13.89	117	8076	1.422 ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.29	75	969	0.858 ug/l #	1

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

Quantitation Report (Not Reviewed)

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Data File : VN051701.D
Acq On : 5 Oct 2018 21:35
Operator : MD\SY
Sample : J5084-13
Misc : 5.76g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
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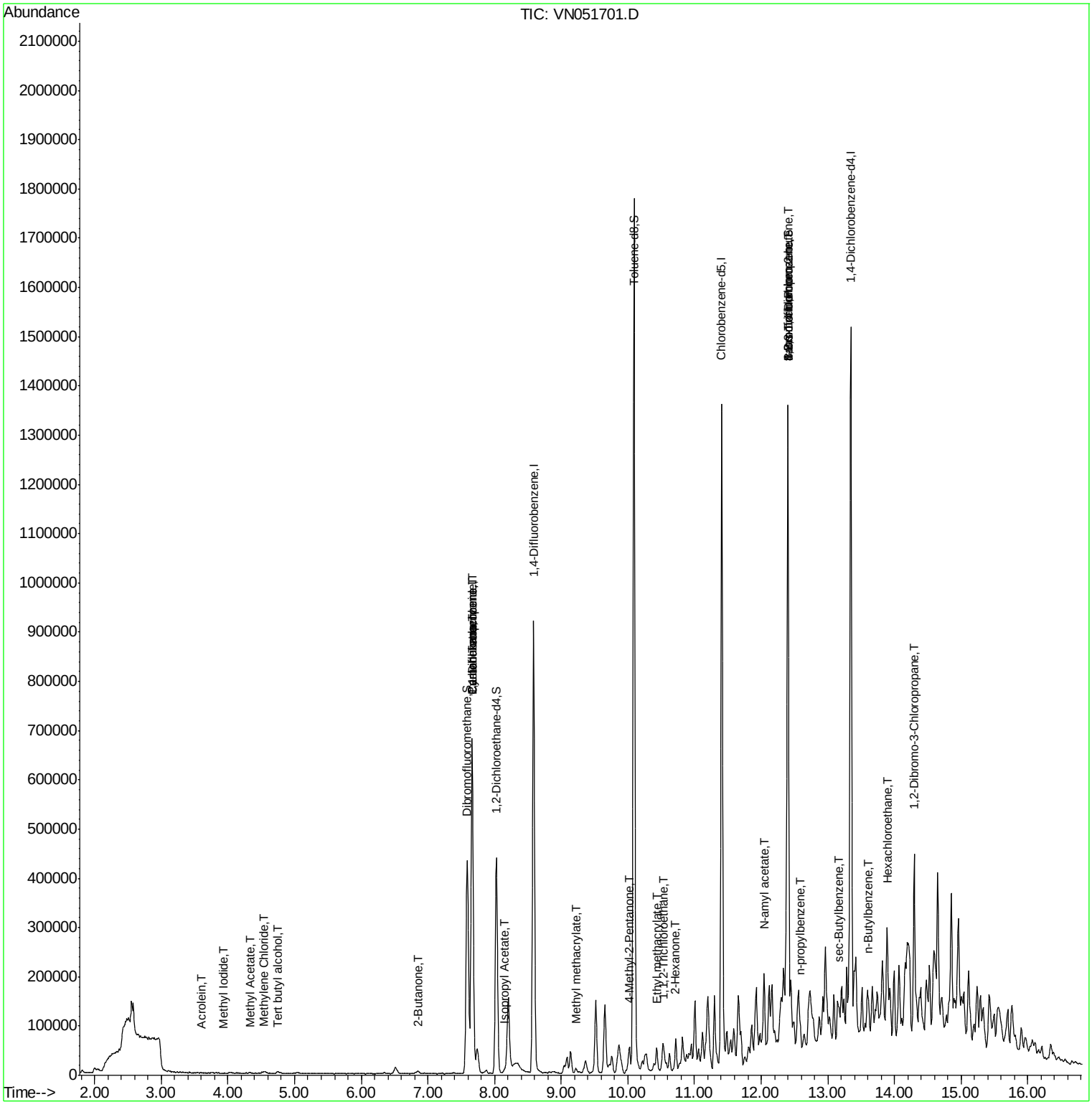
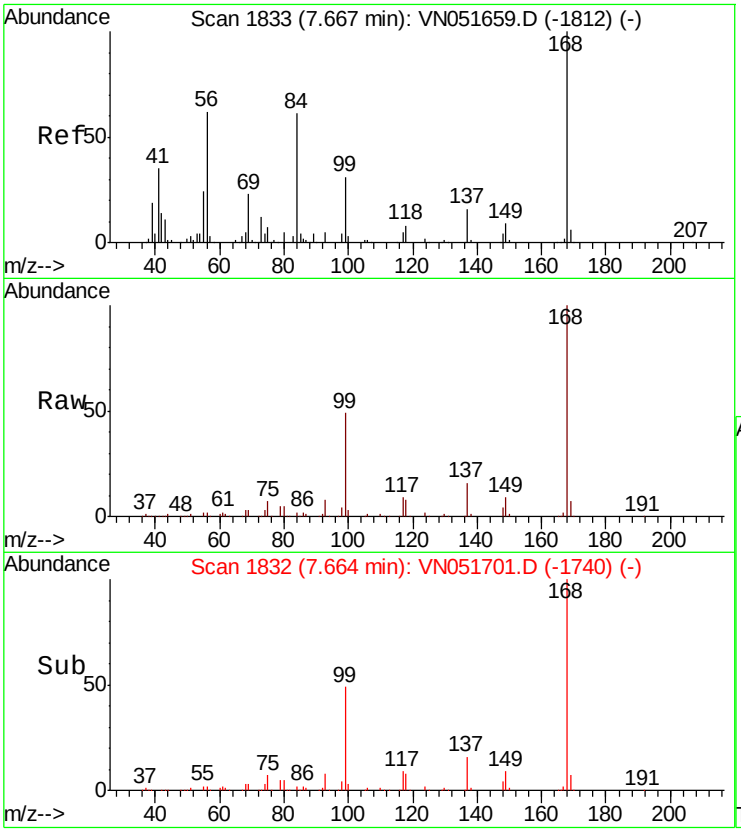
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

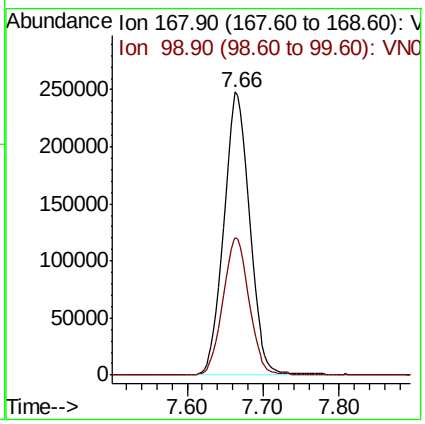


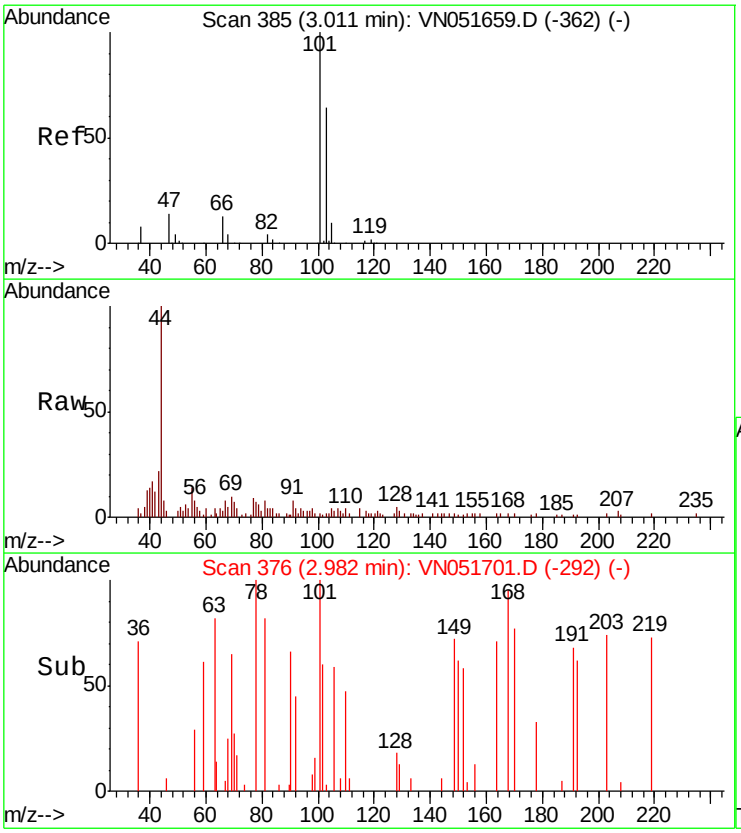


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:168 Resp: 590571

Ion	Ratio	Lower	Upper
168	100		
99	48.7	40.4	60.6

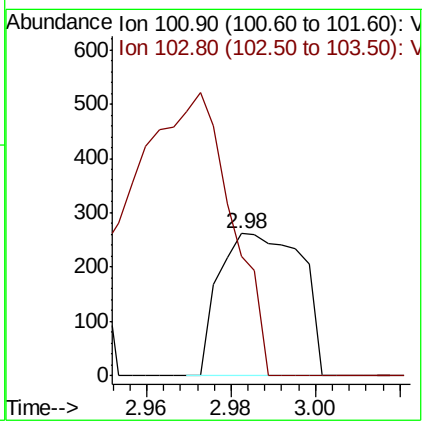


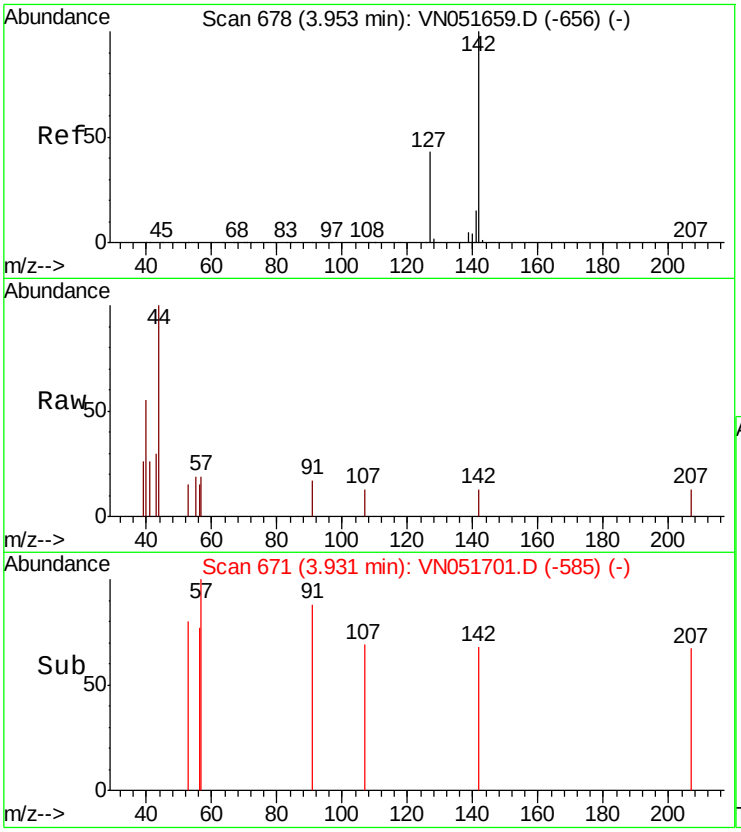


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 2.98 min Scan# 376
Delta R.T. -0.03 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:101 Resp: 354

Ion	Ratio	Lower	Upper
101	100		
103	84.0	51.1	76.7#

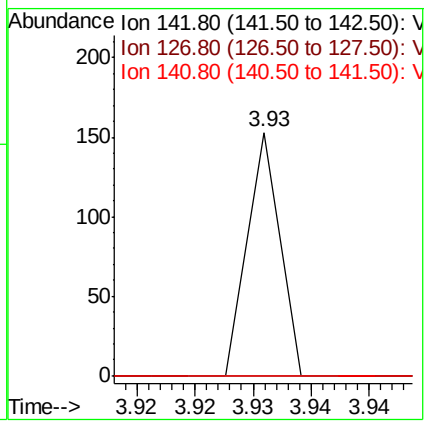


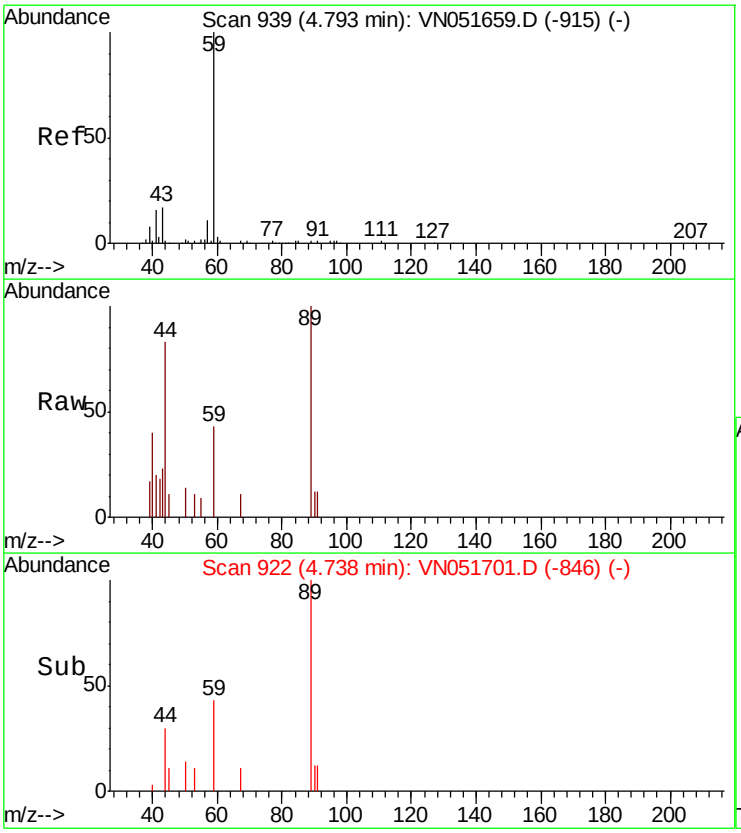


#10
Methyl Iodide
Concen: 2.342 ug/l
RT: 3.93 min Scan# 671
Delta R.T. -0.02 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:142 Resp: 30

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.7	52.1#
141	0.0	11.4	17.2#

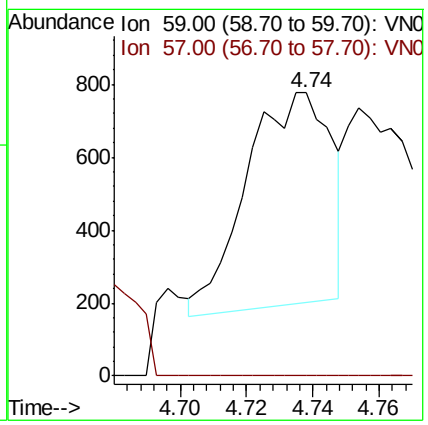


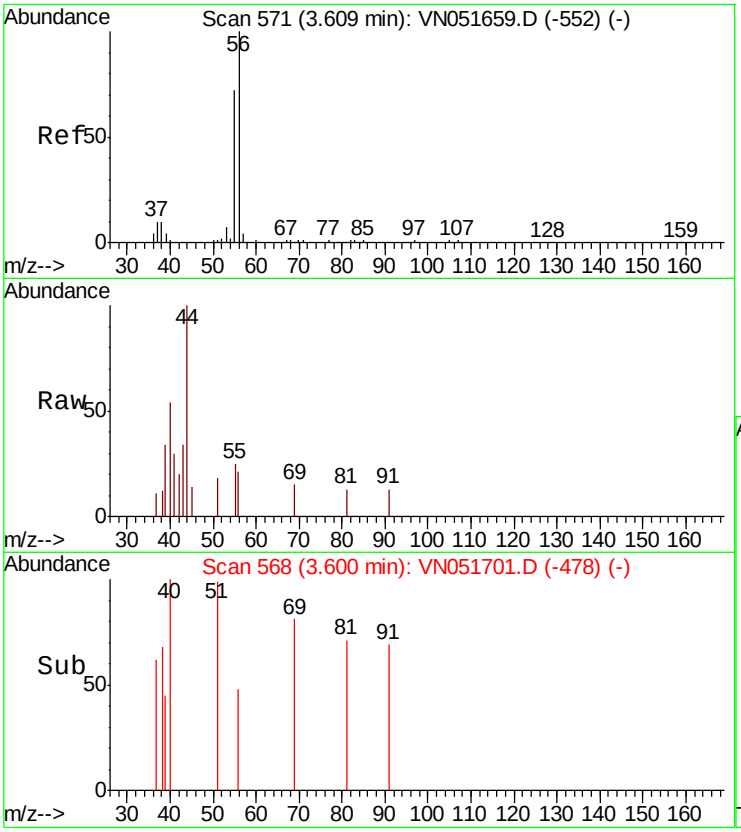


#11
Tert butyl alcohol
Concen: 1.946 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.05 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 59 Resp: 1032

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

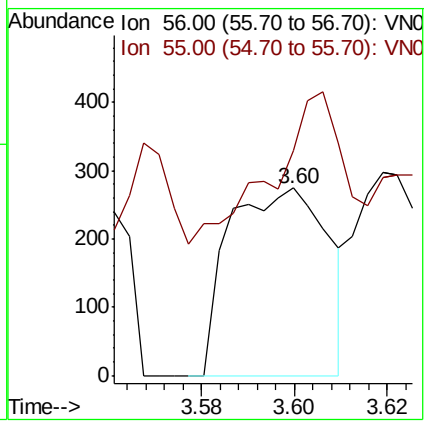


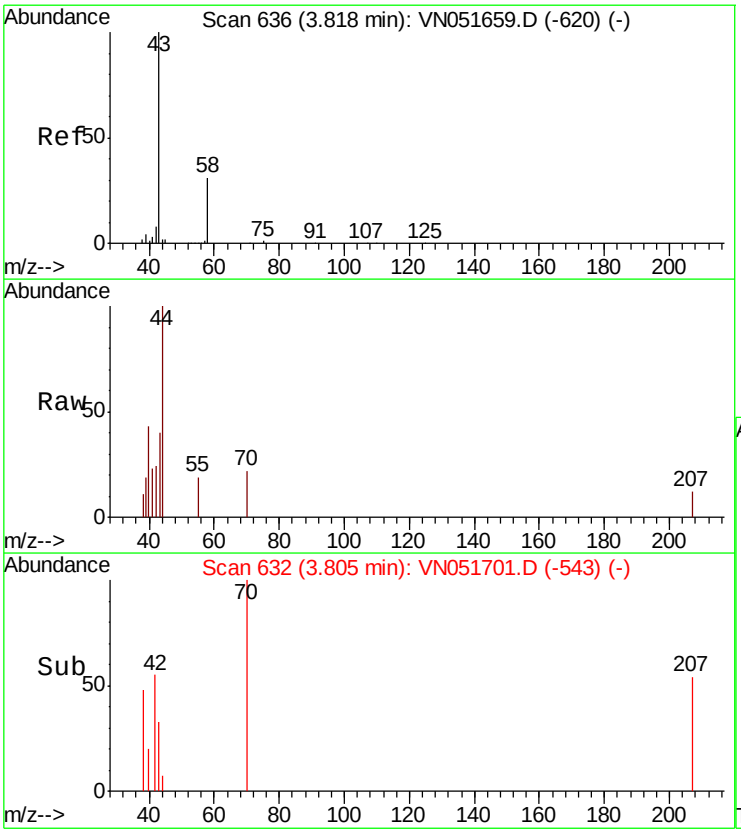


#13
Acrolein
Concen: 1.223 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 56 Resp: 405

Ion	Ratio	Lower	Upper
56	100		
55	40.7	57.5	86.3#

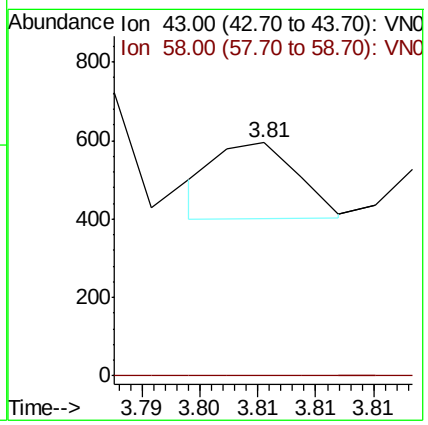


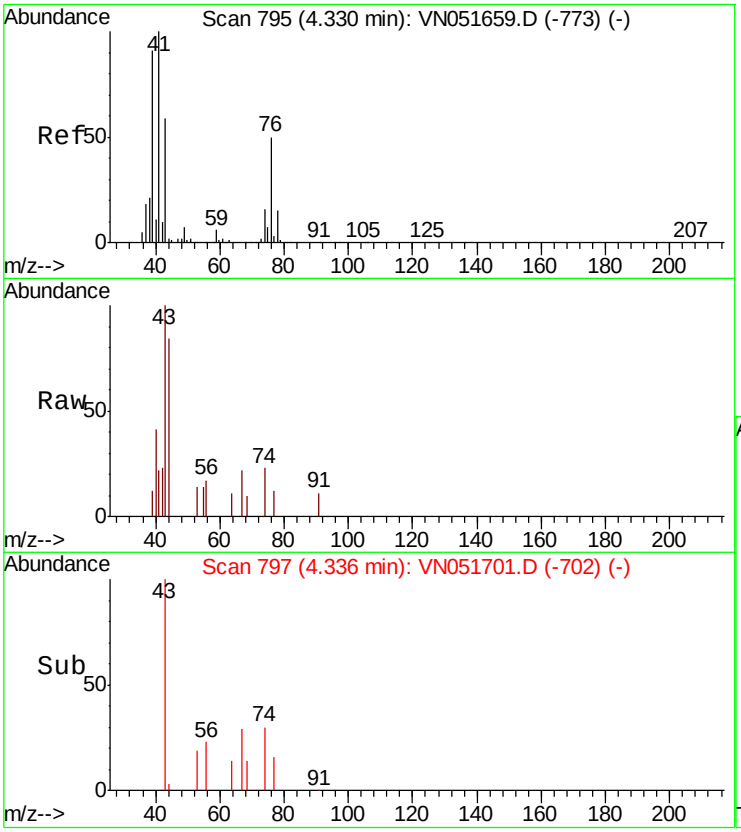


#16
Acetone
Concen: Below Cal
RT: 3.81 min Scan# 632
Delta R.T. -0.01 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 43 Resp: 95

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.3	36.5#

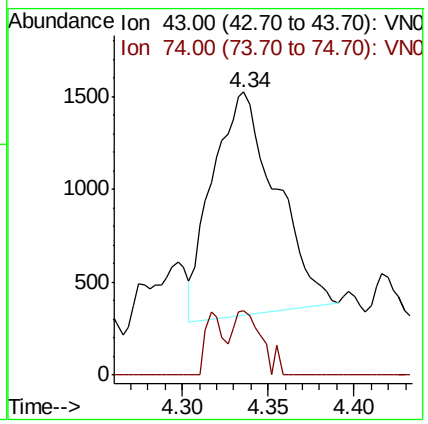


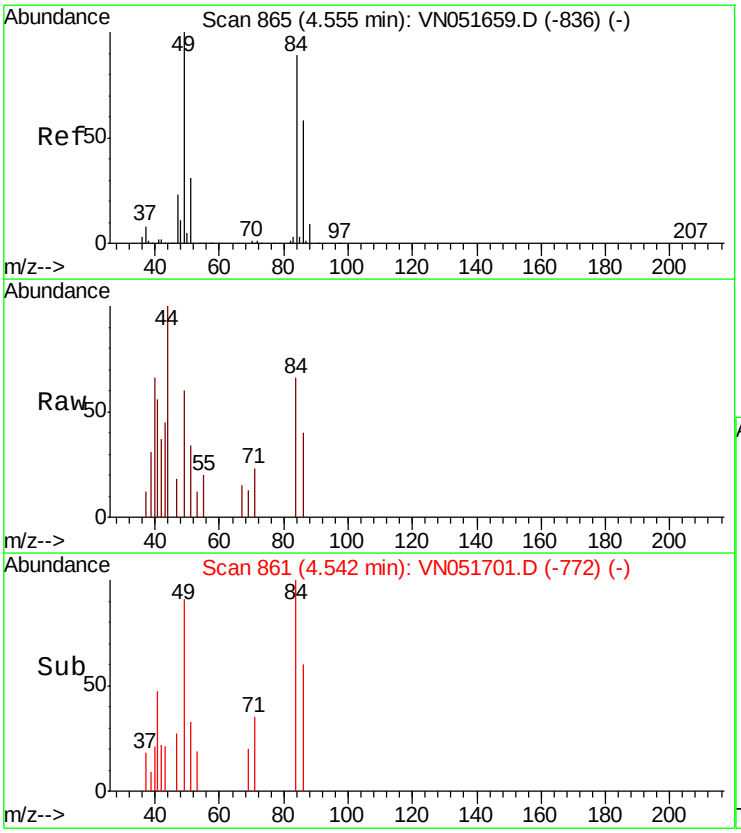


#18
Methyl Acetate
Concen: 0.722 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 43 Resp: 3107

Ion	Ratio	Lower	Upper
43	100		
74	12.8	21.5	32.3#

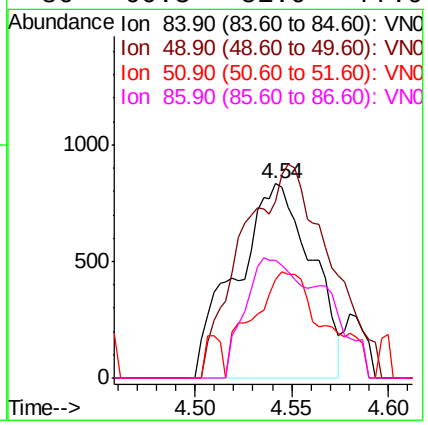


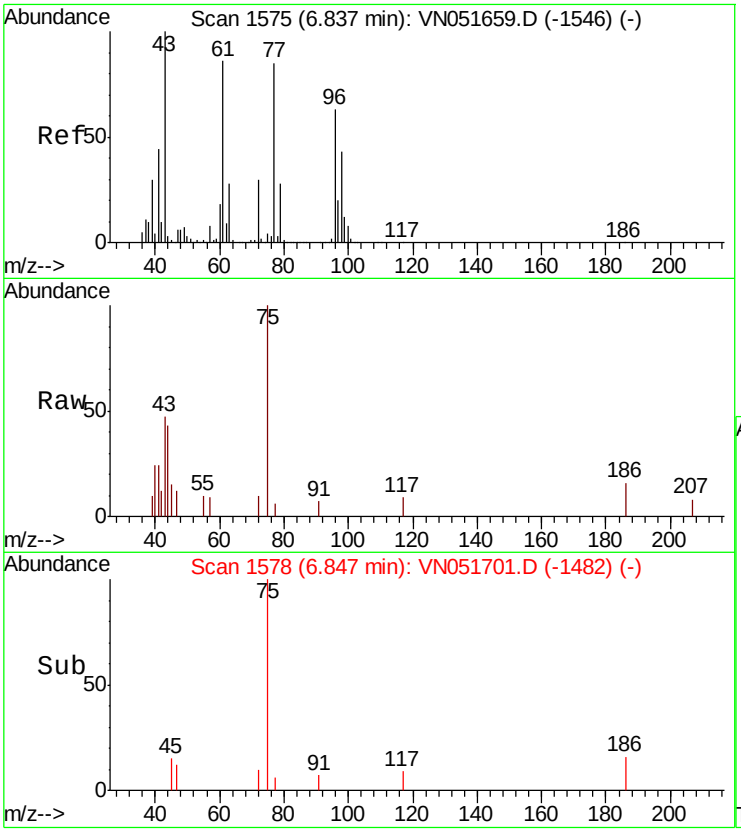


#20
Methylene Chloride
Concen: 0.352 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 84 Resp: 2262

Ion	Ratio	Lower	Upper
84	100		
49	90.6	89.5	134.3
51	51.1	27.4	41.0#
86	60.3	51.9	77.9

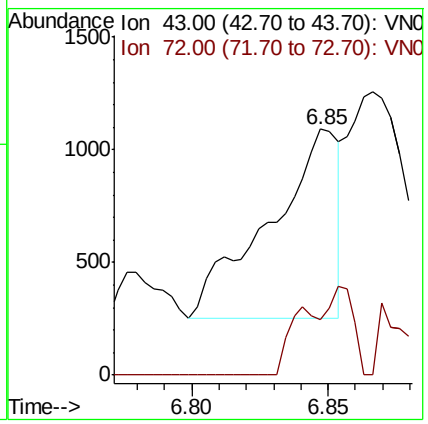


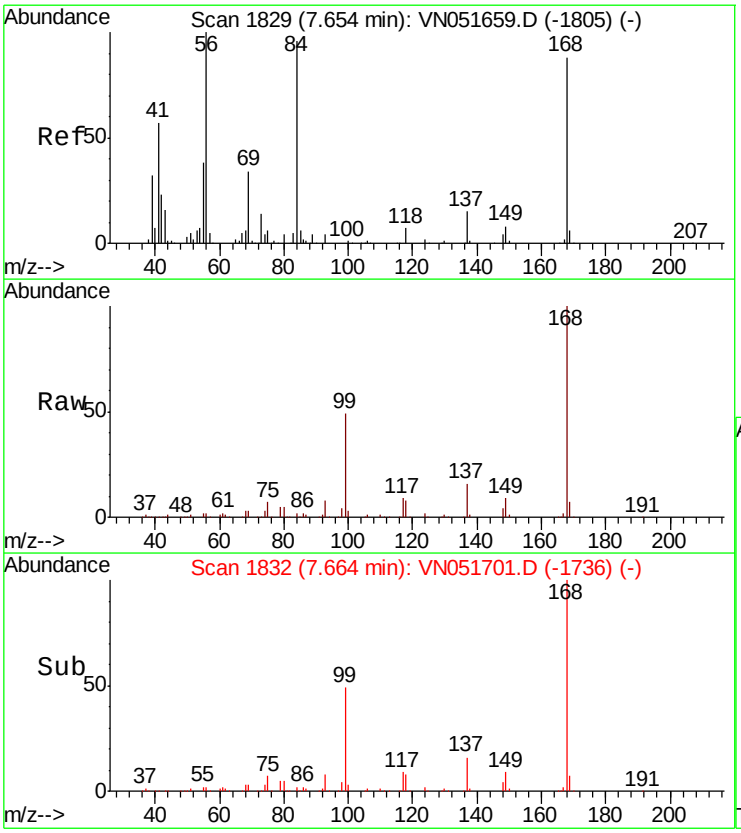


#25
2-Butanone
Concen: 0.656 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 43 Resp: 1478

Ion	Ratio	Lower	Upper
43	100		
72	29.0	24.2	36.2

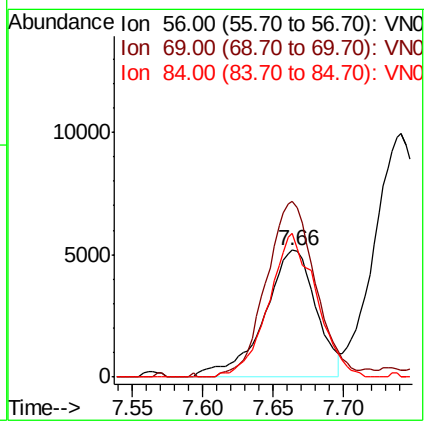


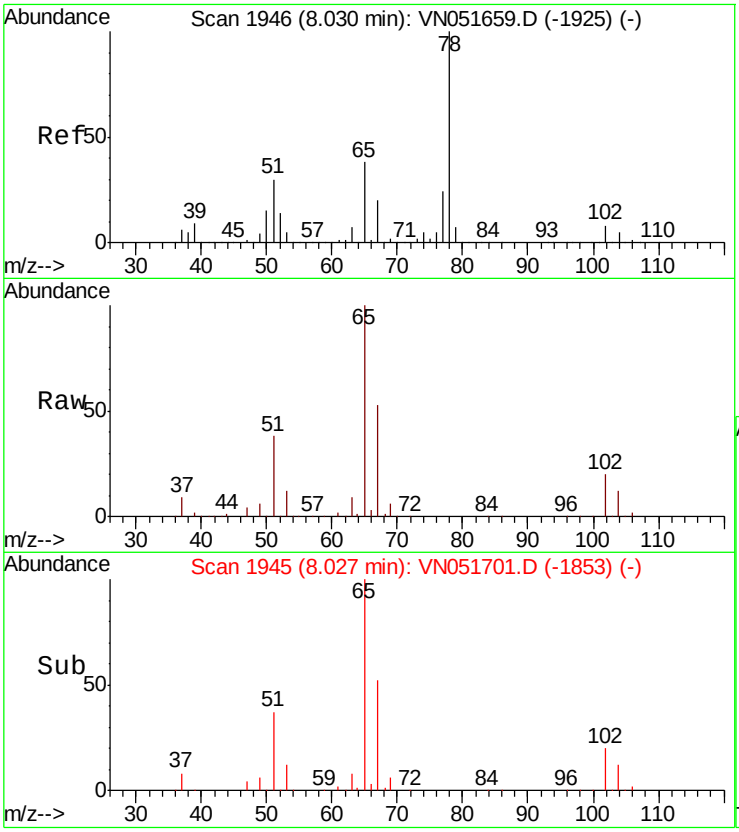


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 56 Resp: 13252

Ion	Ratio	Lower	Upper
56	100		
69	138.8	27.5	41.3#
84	113.6	76.7	115.1

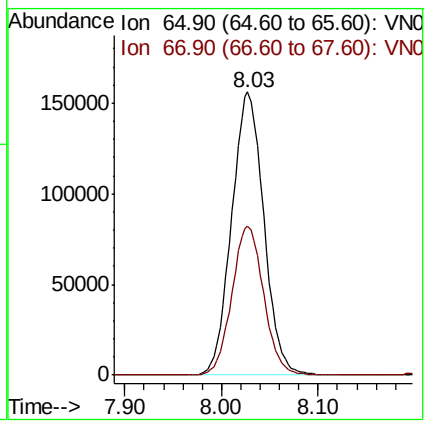


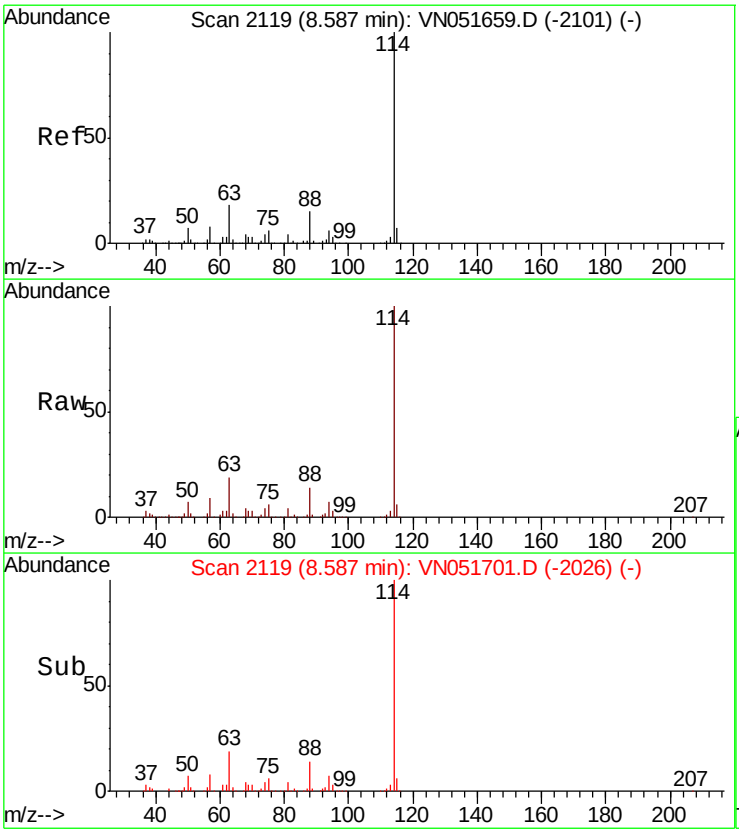


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 65 Resp: 361661

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.6

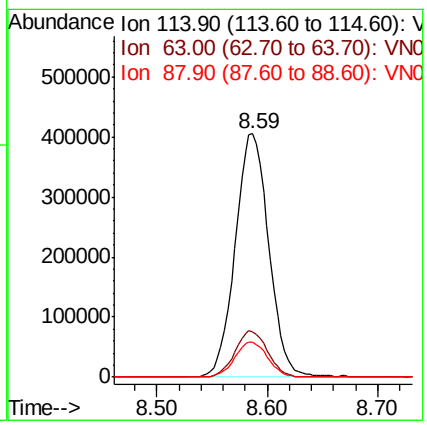


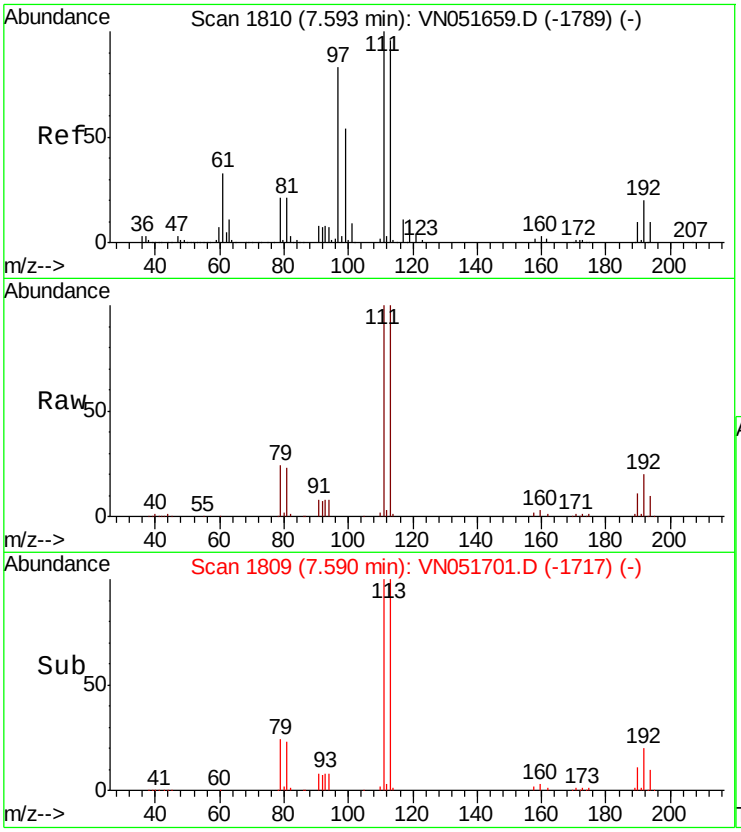


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:114 Resp: 853732

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.2
88	14.2	0.0	30.2

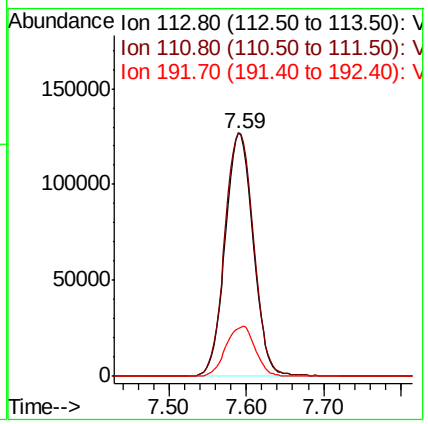


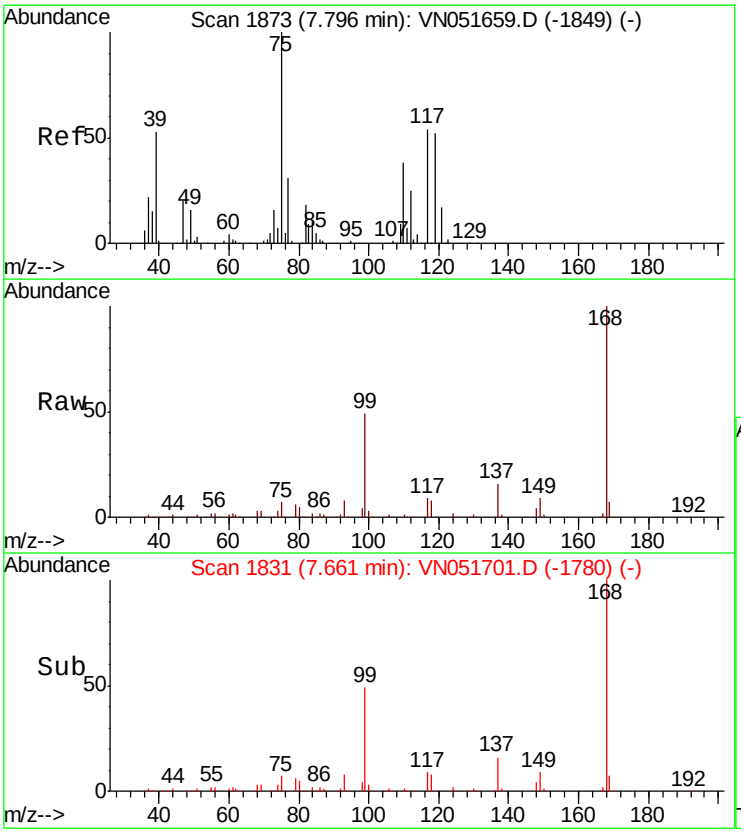


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:113 Resp: 319028

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	21.3	16.5	24.7

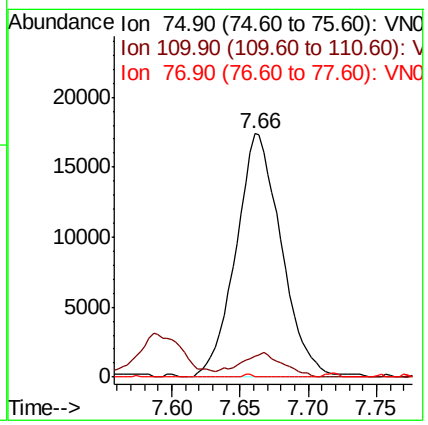


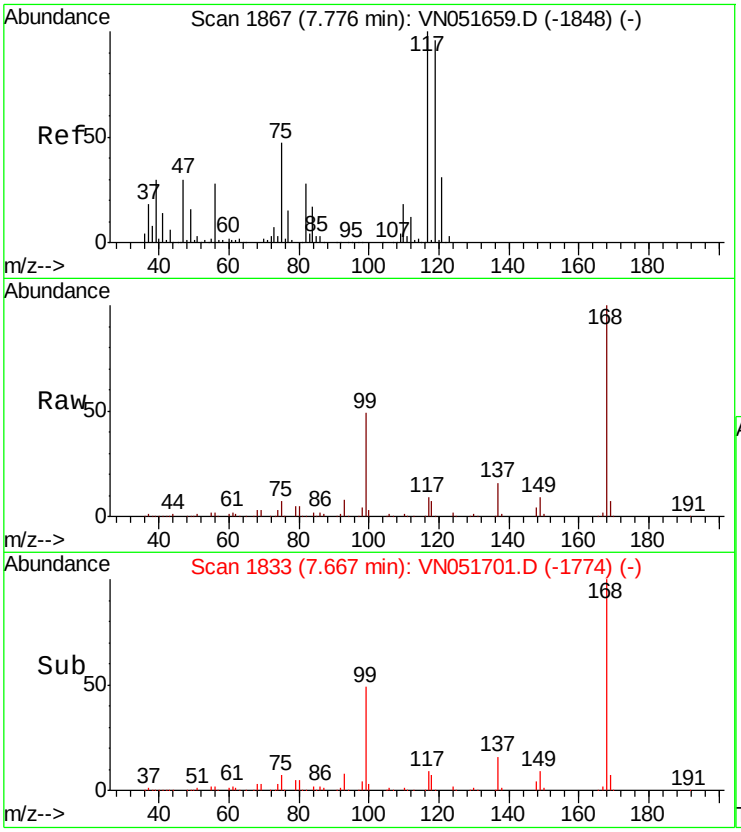


#36
1,1-Dichloropropene
Concen: 4.487 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 75 Resp: 40043

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.3	57.8#
77	0.2	24.7	37.1#

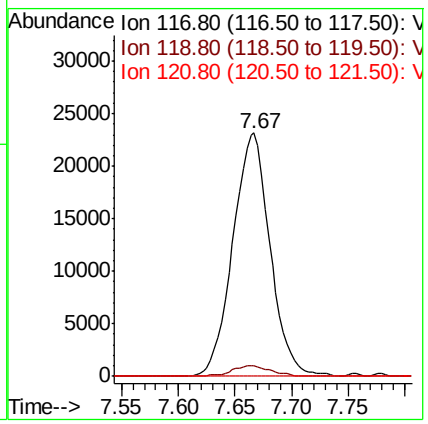


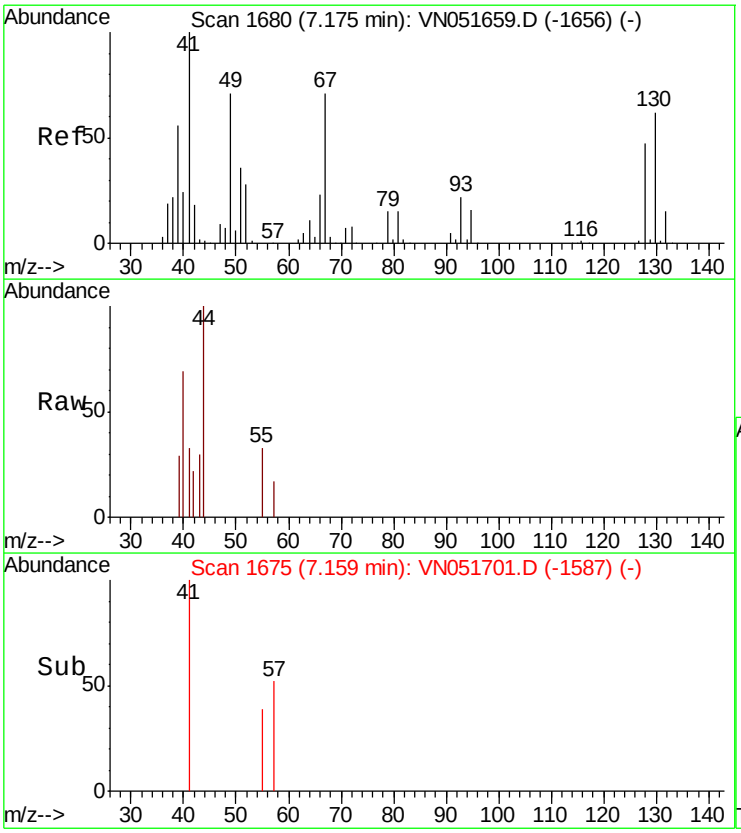


#38
Carbon Tetrachloride
Concen: 4.948 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:117 Resp: 52986

Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.0	115.6#
121	0.0	25.0	37.6#

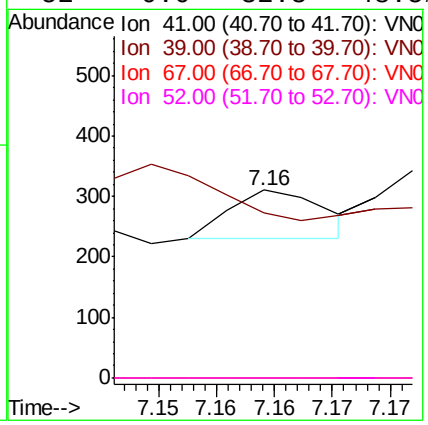


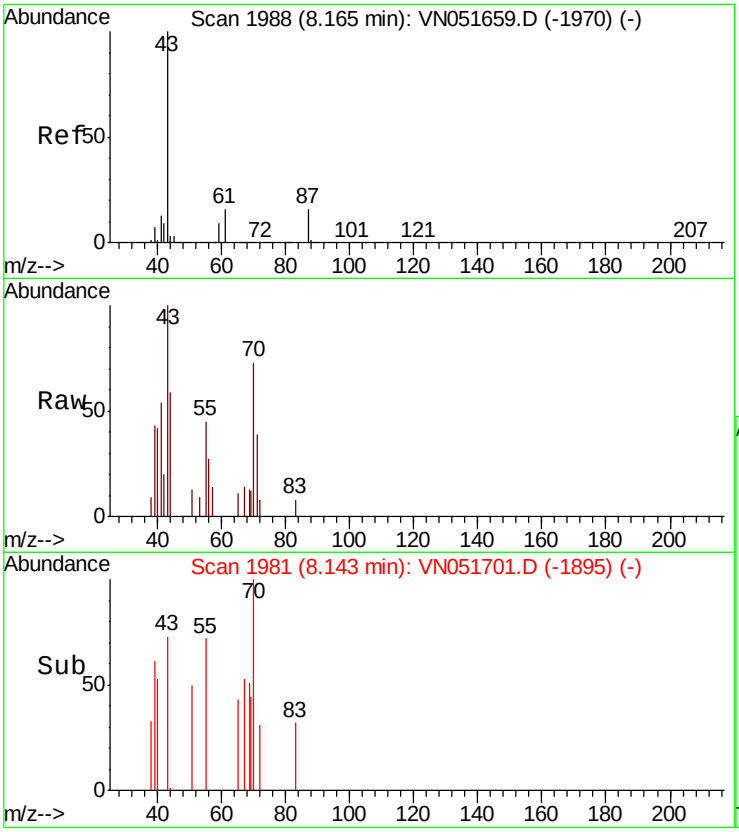


#41
Methacrylonitrile
Concen: Below Cal
RT: 7.16 min Scan# 1675
Delta R.T. -0.02 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 41 Resp: 45

Ion	Ratio	Lower	Upper
41	100		
39	1071.1	53.9	80.9#
67	0.0	78.1	117.1#
52	0.0	32.3	48.5#

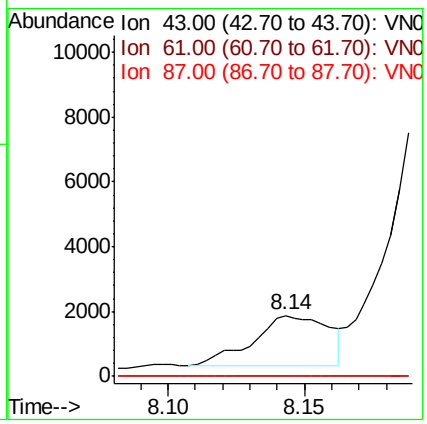


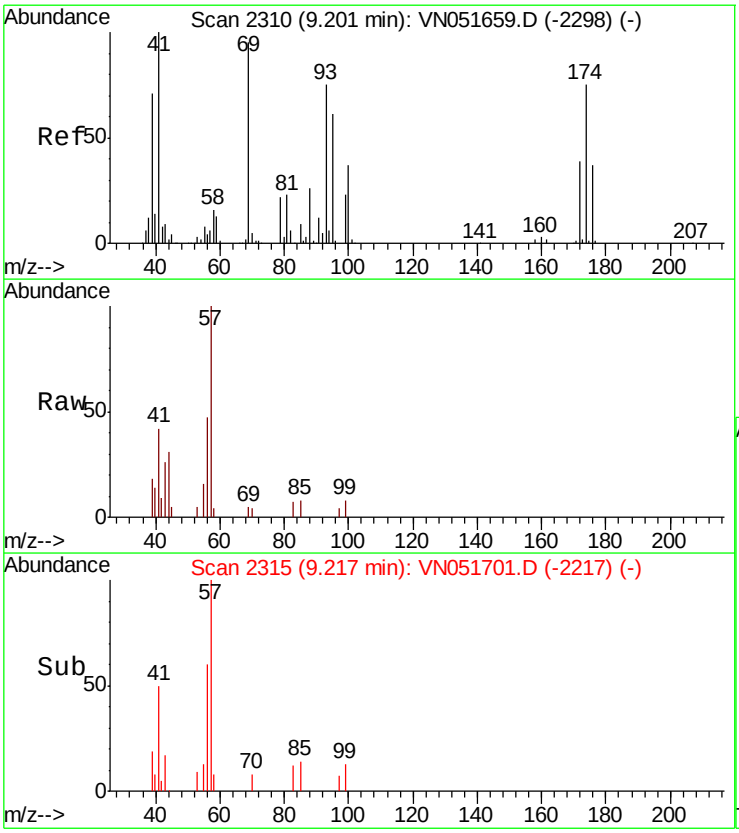


#43
Isopropyl Acetate
Concen: 0.307 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.02 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 43 Resp: 2978

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.8	23.6#
87	0.0	12.6	19.0#

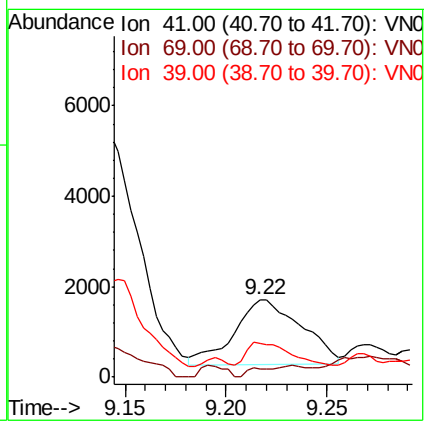


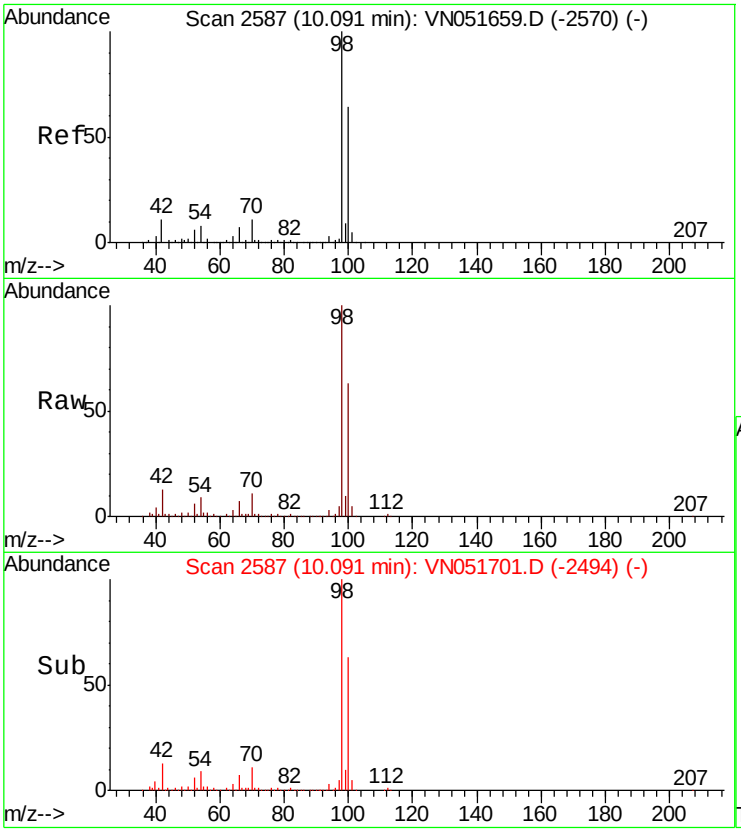


#48
Methyl methacrylate
Concen: 0.746 ug/l
RT: 9.22 min Scan# 2315
Delta R.T. 0.02 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 41 Resp: 3307

Ion	Ratio	Lower	Upper
41	100		
69	4.2	78.6	118.0#
39	22.5	59.2	88.8#

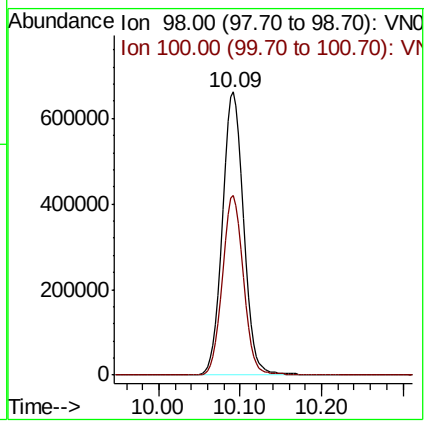


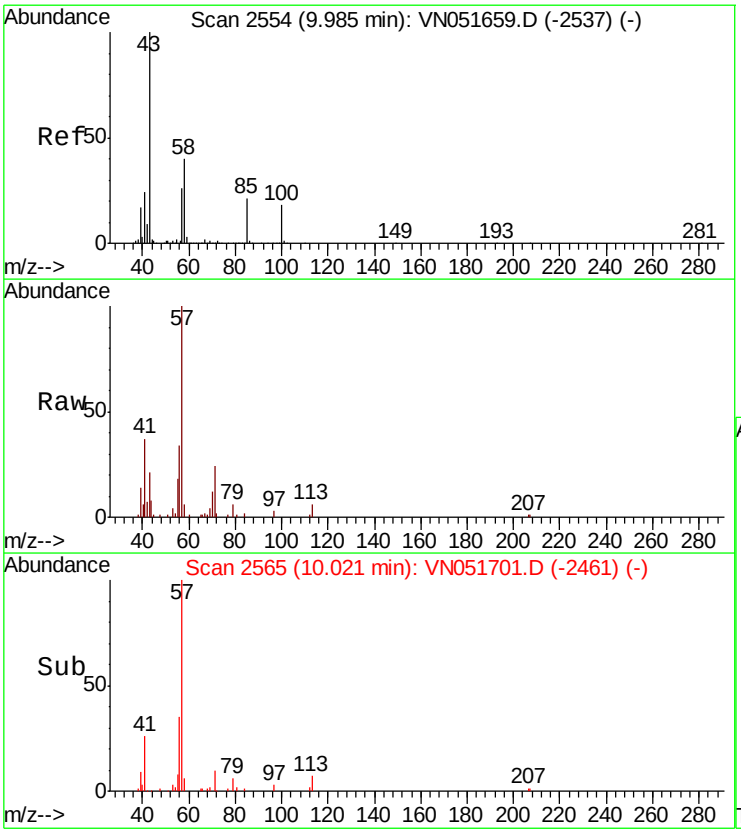


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 98 Resp: 1229049

Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.5	77.3

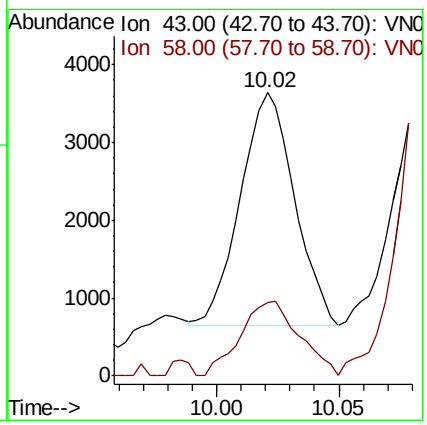


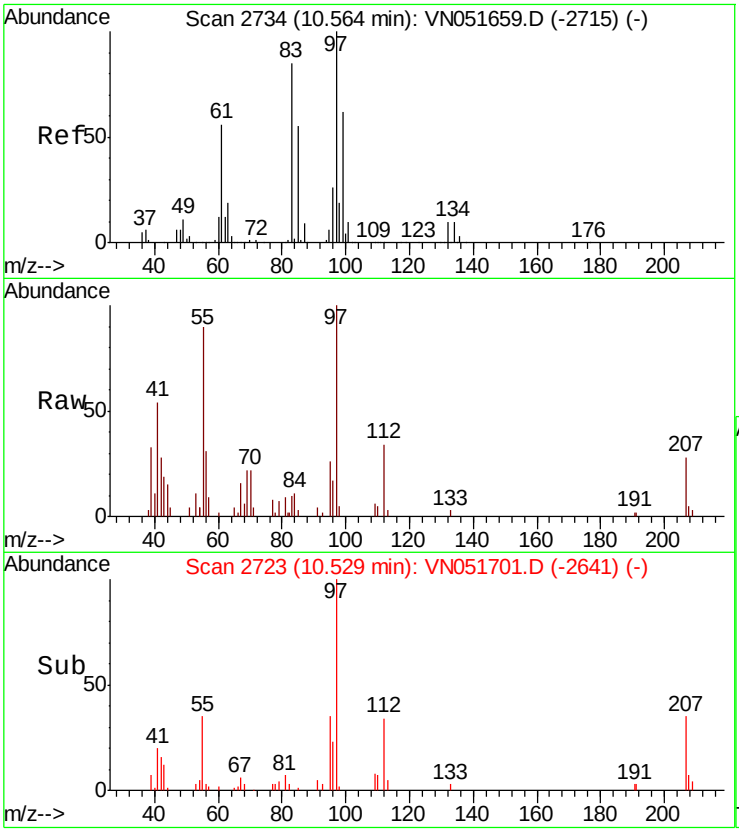


#51
4-Methyl-2-Pentanone
Concen: 0.934 ug/l
RT: 10.02 min Scan# 2565
Delta R.T. 0.04 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 43 Resp: 4594

Ion	Ratio	Lower	Upper
43	100		
58	35.0	32.2	48.2

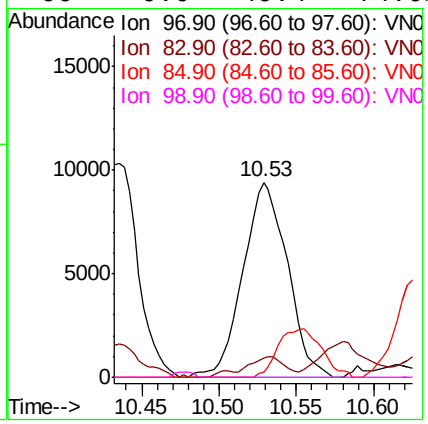


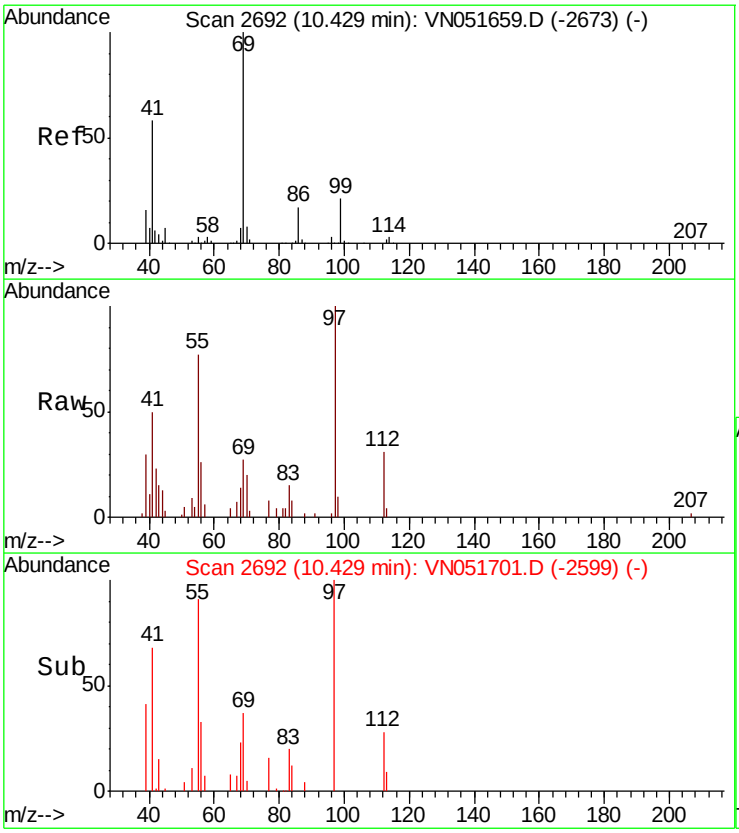


#55
1,1,2-Trichloroethane
Concen: 2.991 ug/l
RT: 10.53 min Scan# 2723
Delta R.T. -0.04 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 97 Resp: 18749

Ion	Ratio	Lower	Upper
97	100		
83	9.9	68.1	102.1#
85	2.8	43.6	65.4#
99	0.0	49.4	74.0#

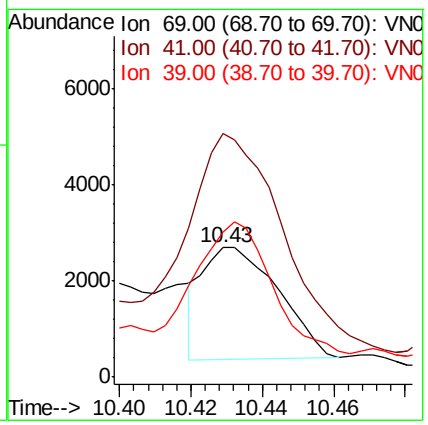


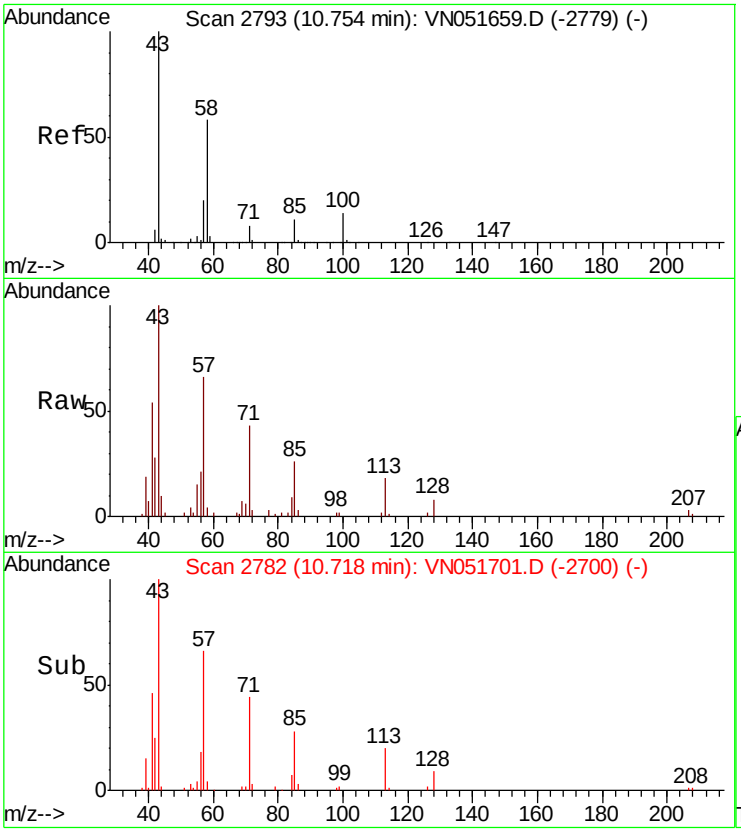


#56
Ethyl methacrylate
Concen: 0.432 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 69 Resp: 3422

Ion	Ratio	Lower	Upper
69	100		
41	251.7	46.4	69.6#
39	120.5	32.4	48.6#

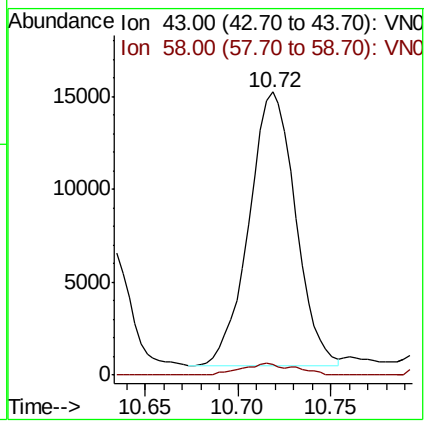


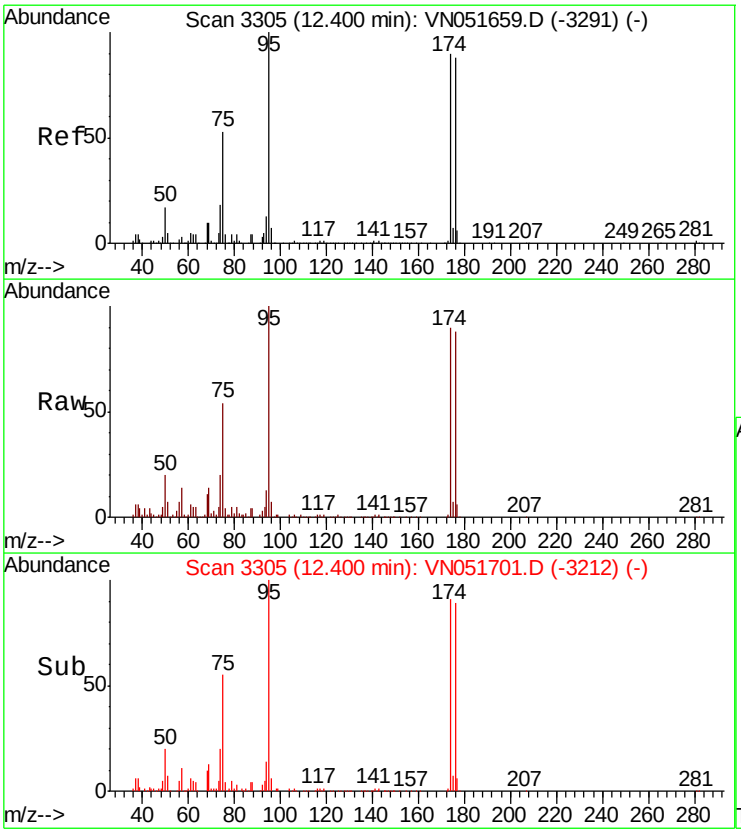


#59
2-Hexanone
Concen: 7.654 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 43 Resp: 25559

Ion	Ratio	Lower	Upper
43	100		
58	4.9	28.8	86.4#

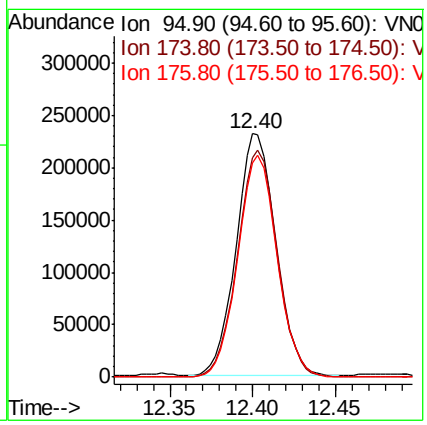


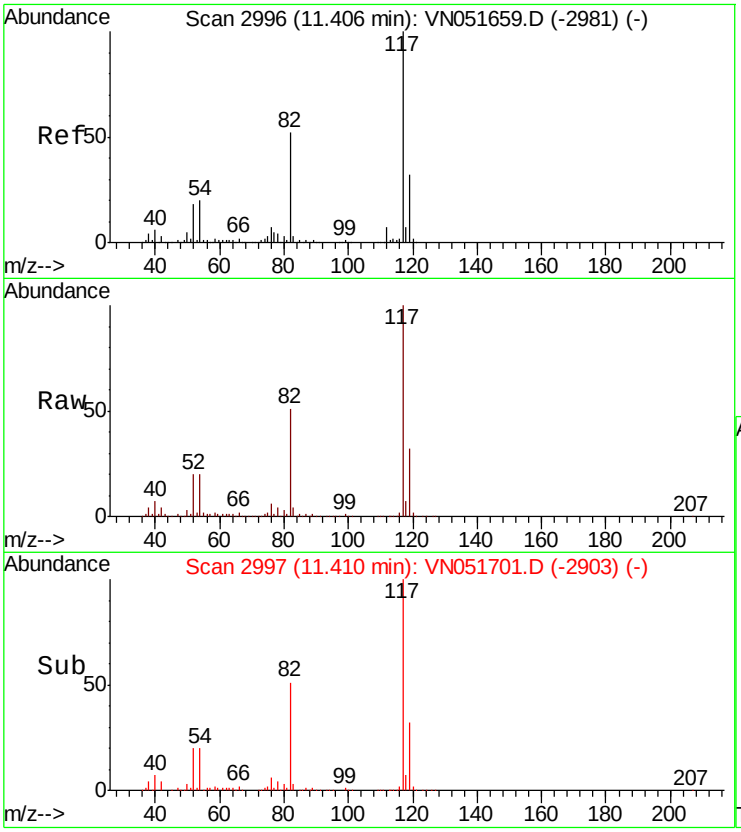


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 95 Resp: 384143

Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	182.8
176	91.0	0.0	176.4

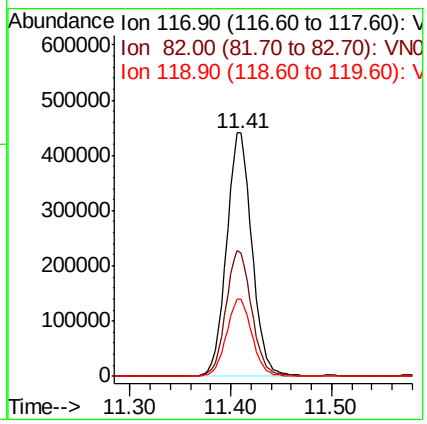


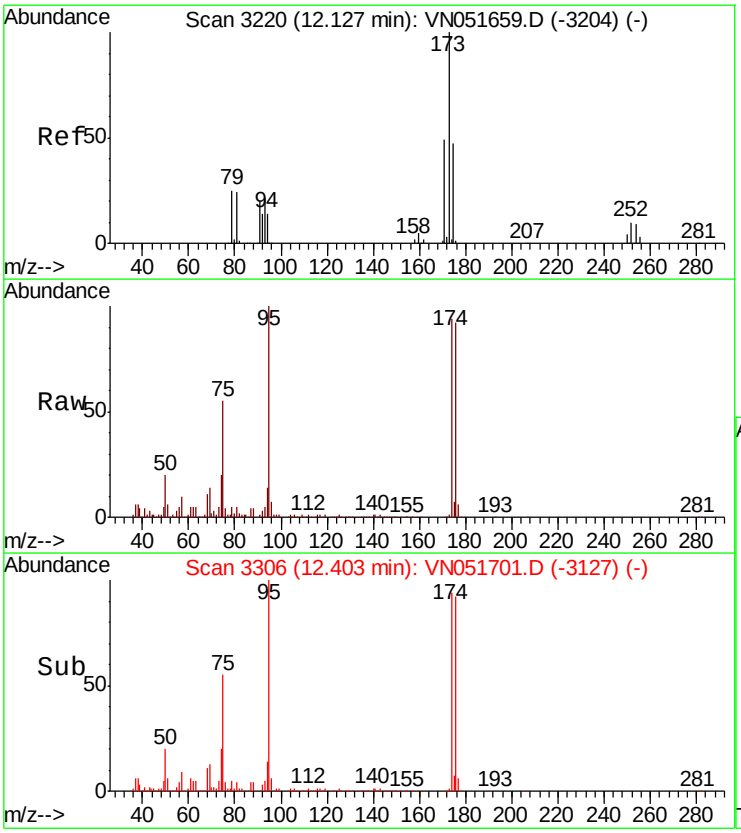


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:117 Resp: 774571

Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.3	61.9
119	31.6	25.9	38.9

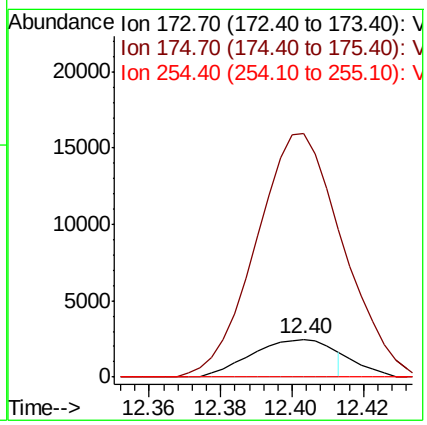


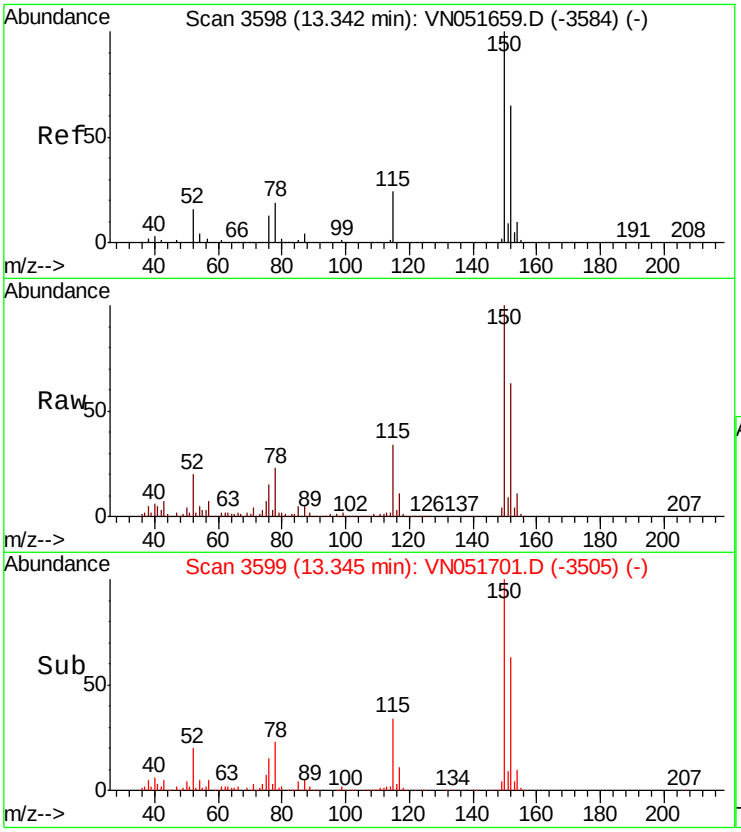


#71
Bromoform
Concen: 0.676 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:173 Resp: 3862

Ion	Ratio	Lower	Upper
173	100		
175	596.1	24.0	72.0#
254	0.0	0.1	0.1#

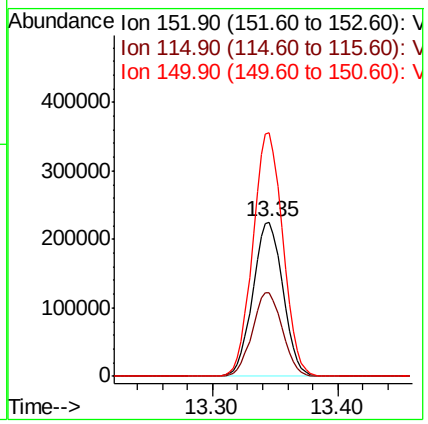


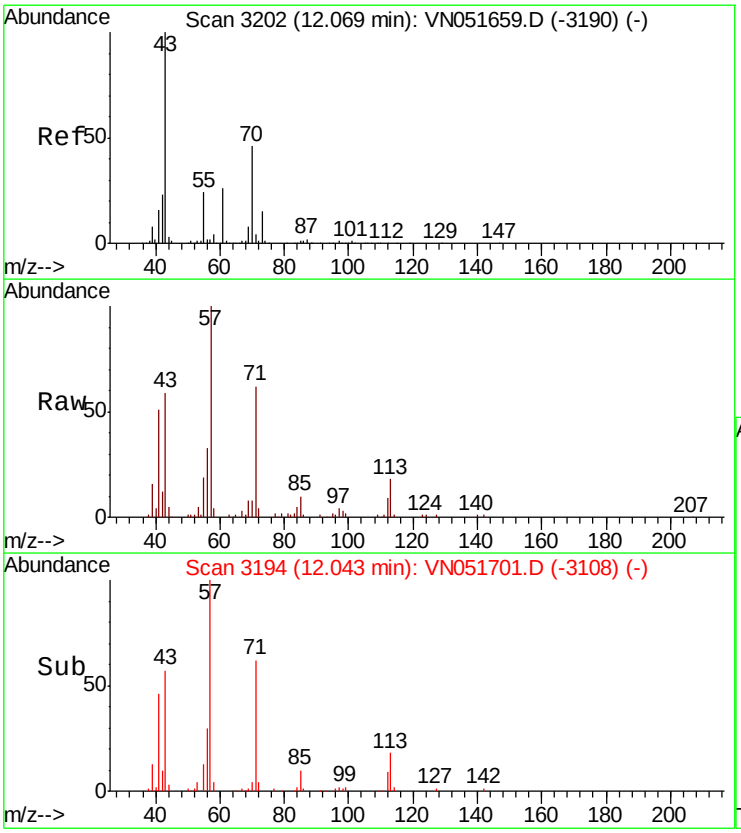


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:152 Resp: 377205

Ion	Ratio	Lower	Upper
152	100		
115	54.0	28.6	85.8
150	157.2	0.0	352.4

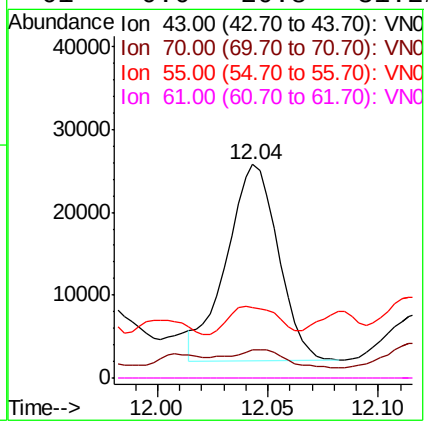


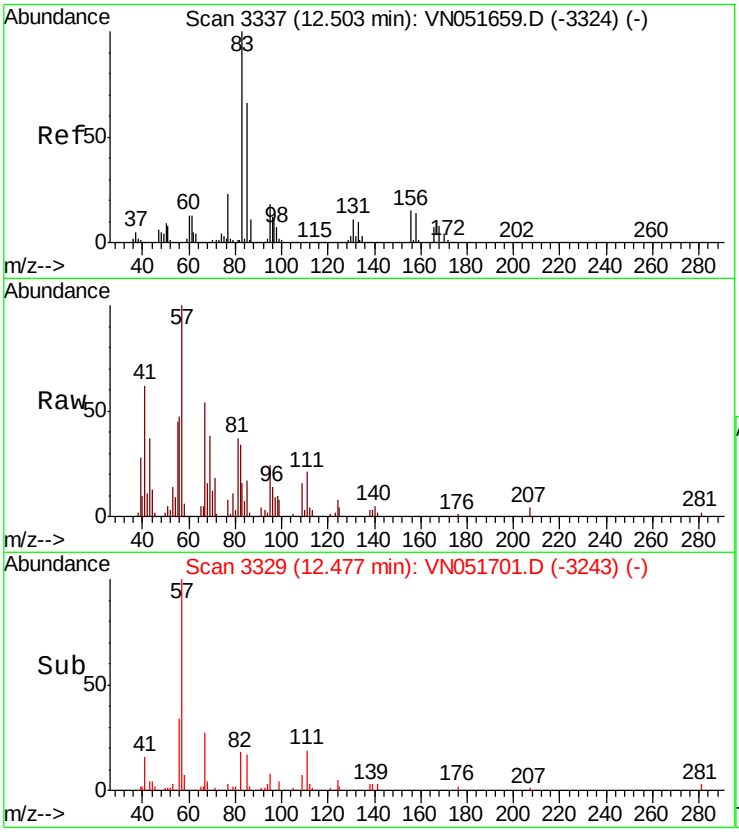


#74
N-amyl acetate
Concen: 2.705 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.02 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 43 Resp: 38613

Ion	Ratio	Lower	Upper
43	100		
70	7.9	37.1	55.7#
55	12.8	19.1	28.7#
61	0.0	20.8	31.2#

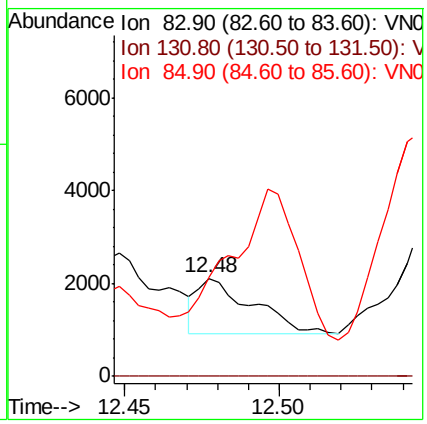


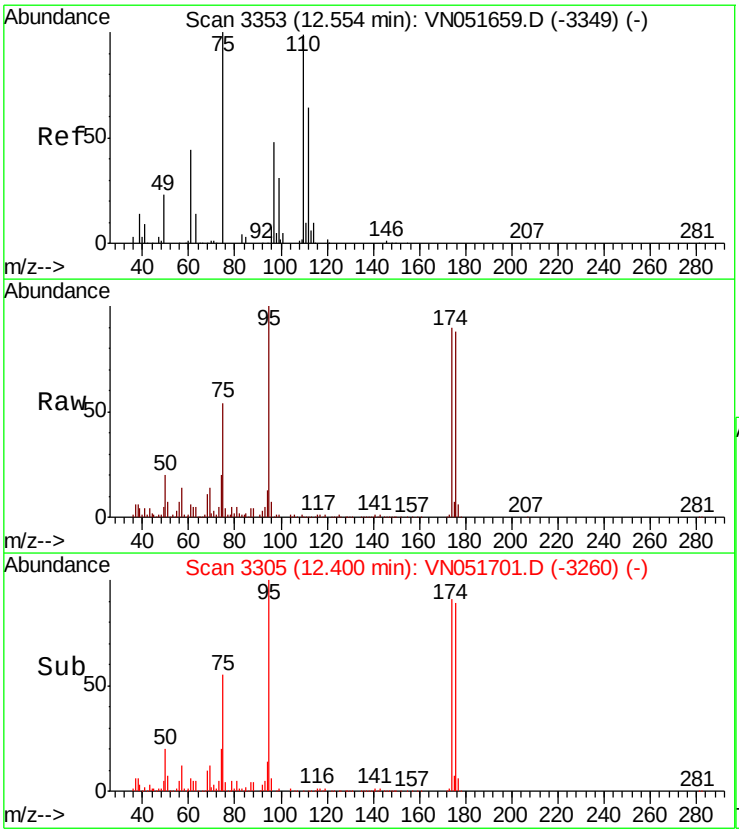


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.48 min Scan# 3329
Delta R.T. -0.02 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 83 Resp: 1428

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.1#
85	427.7	33.0	98.9#

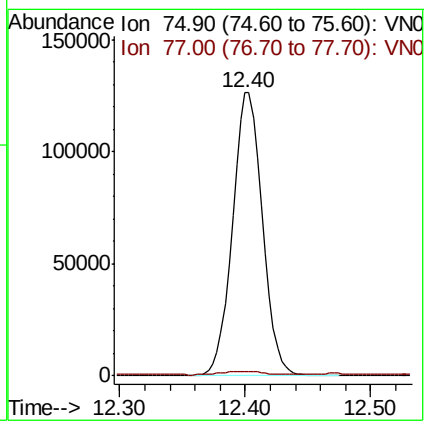


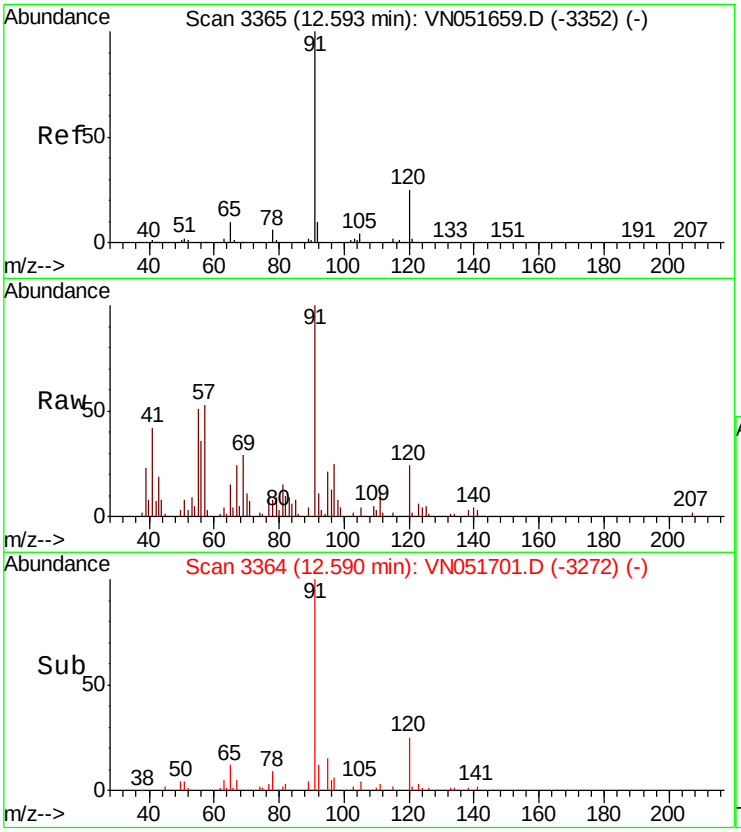


#76
1,2,3-Trichloropropane
Concen: 44.122 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 75 Resp: 209056

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

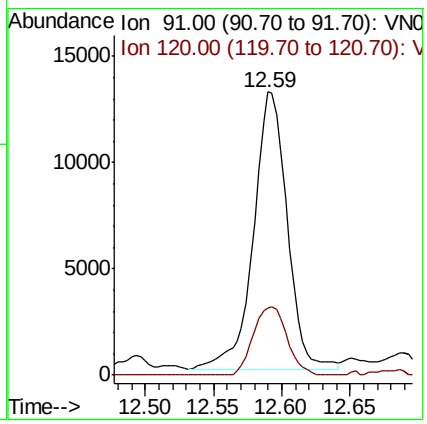


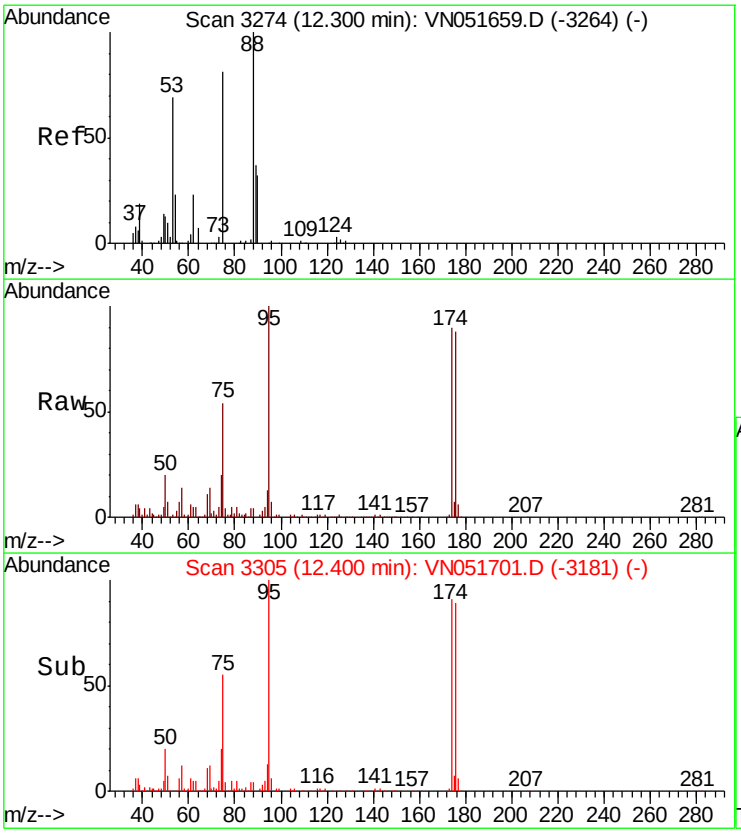


#78
n-propylbenzene
Concen: 0.647 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 91 Resp: 22684

Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.4	37.2

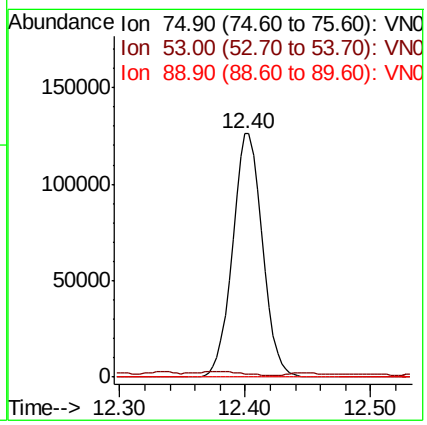


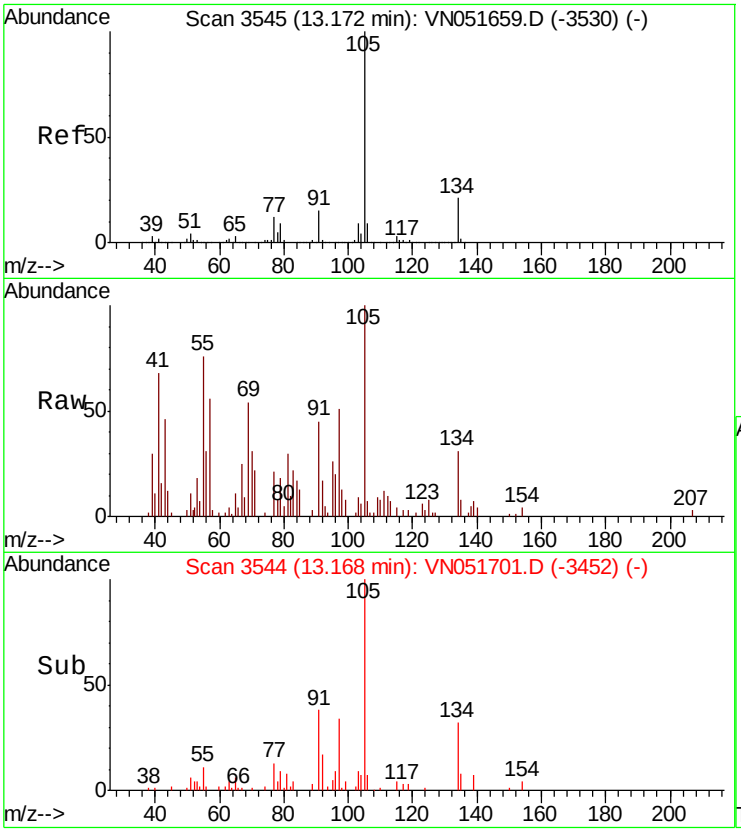


#81
trans-1,4-Dichloro-2-butene
Concen: 101.877 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 75 Resp: 209056

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	102.8#
89	0.0	39.4	59.2#

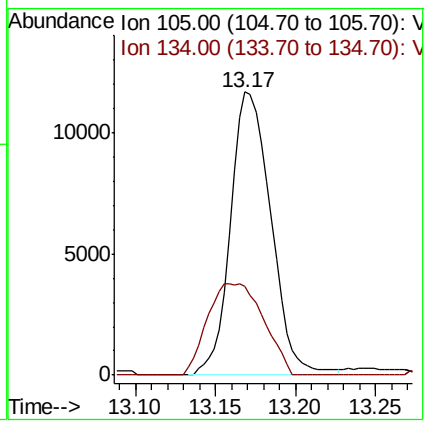


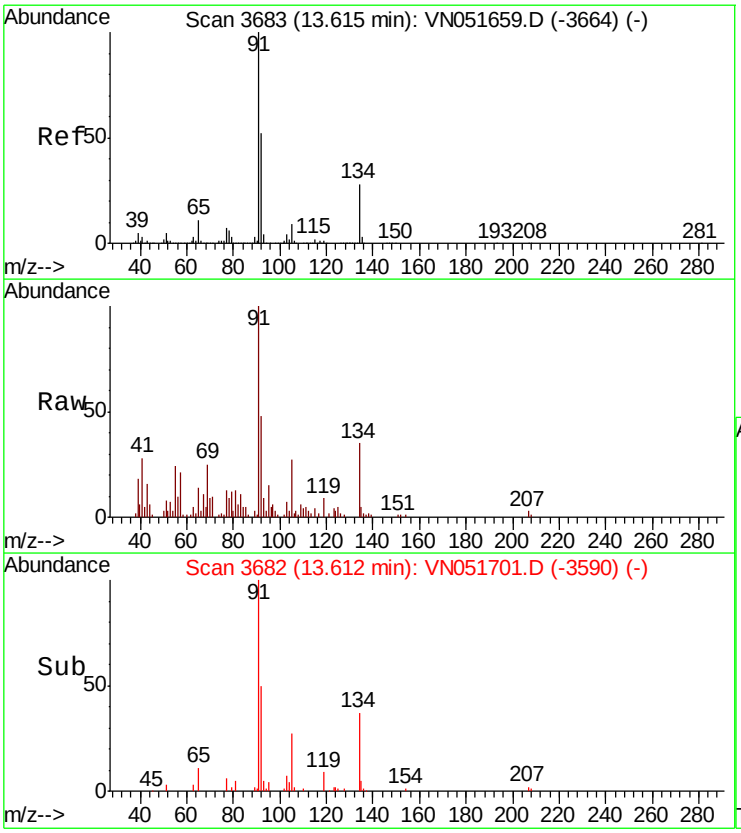


#85
sec-Butylbenzene
Concen: 0.626 ug/l
RT: 13.17 min Scan# 3544
Delta R.T. -0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:105 Resp: 20119

Ion	Ratio	Lower	Upper
105	100		
134	45.0	10.5	31.6#

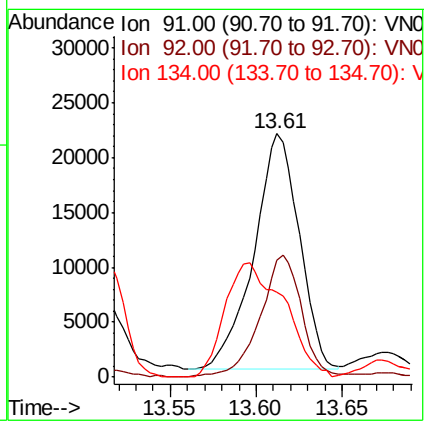


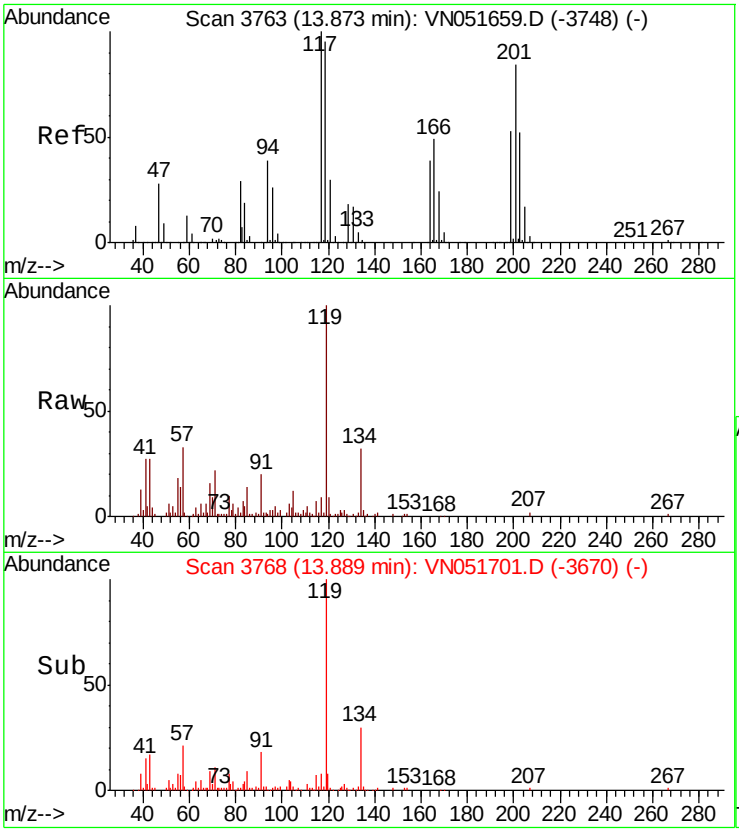


#89
n-Butylbenzene
Concen: 1.744 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 91 Resp: 39258

Ion	Ratio	Lower	Upper
91	100		
92	47.2	26.0	78.0
134	63.5	14.2	42.6#

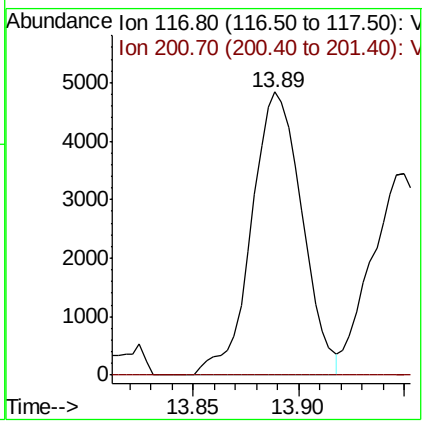


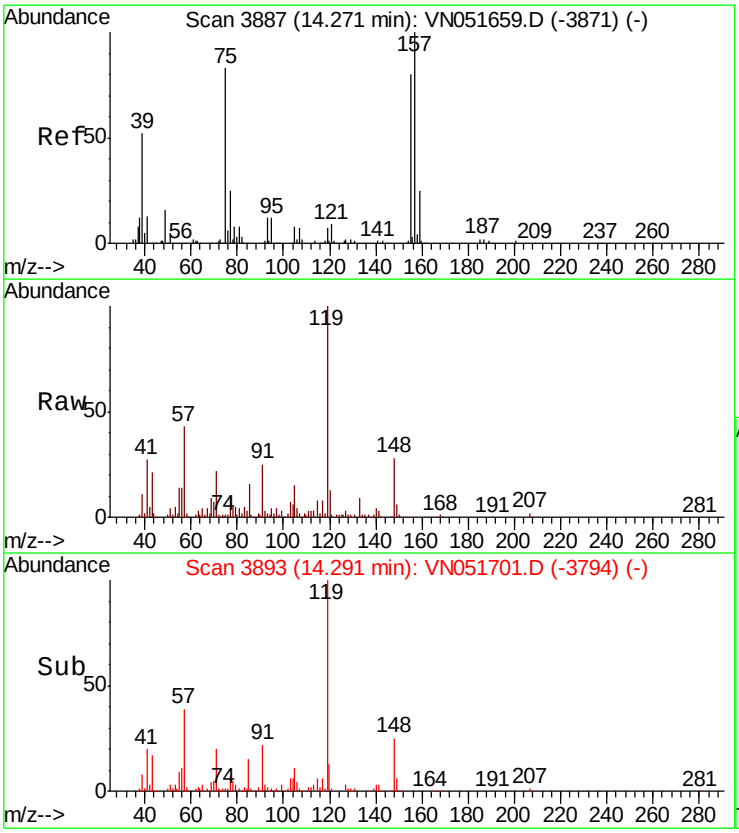


#90
Hexachloroethane
Concen: 1.422 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:117 Resp: 8076

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.4	127.3#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.858 ug/l
RT: 14.29 min Scan# 3893
Delta R.T. 0.02 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 75 Resp: 969

Ion	Ratio	Lower	Upper
75	100		
155	7.7	47.6	142.9#
157	0.0	61.7	185.1#