Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
Data File : VN052420.D
Acq On : 20 Nov 2018 20:52
Operator : MD\SY
Sample : J5999-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 20 23:58:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	294497	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	499486	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	427659	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150230	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	223048	53.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.26%				
35) Dibromofluoromethane	7.59	113	167857	52.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.20%				
50) Toluene-d8	10.09	98	633924	50.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.04%				
62) 4-Bromofluorobenzene	12.40	95	188772	45.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.56%				
Target Compounds							Qvalue
8) Diethyl Ether	3.42	74	752	0.380	ug/l		91
11) Tert butyl alcohol	4.94	59	66	0.300	ug/l	#	72
13) Acrolein	3.46	56	58	21.930	ug/l	#	14
16) Acetone	3.82	43	8580	7.492	ug/l	#	83
18) Methyl Acetate	4.33	43	101	0.463	ug/l	#	57
20) Methylene Chloride	4.56	84	47759	13.192	ug/l		98
30) Chloroform	7.38	83	1674	0.258	ug/l		84
31) Cyclohexane	7.66	56	9335	0.425	ug/l	#	37
36) 1,1-Dichloropropene	7.67	75	29029	5.798	ug/l	#	50
38) Carbon Tetrachloride	7.67	117	32343	7.032	ug/l	#	15
41) Methacrylonitrile	7.18	41	173	3.775	ug/l	#	100
43) Isopropyl Acetate	8.17	43	14164	2.020	ug/l	#	72
48) Methyl methacrylate	9.18	41	4070	1.144	ug/l	#	16
51) 4-Methyl-2-Pentanone	9.99	43	1334	0.378	ug/l	#	80
54) cis-1,3-Dichloropropene	9.91	75	12618	2.276	ug/l	#	80
57) 1,3-Dichloropropane	10.76	76	2980	0.542	ug/l	#	43
59) 2-Hexanone	10.76	43	55025	22.668	ug/l	#	55
71) Bromoform	12.40	173	2591	1.424	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	109974	43.142	ug/l	#	100
77) Bromobenzene	12.55	156	5940	2.114	ug/l	#	1
81) trans-1,4-Dichloro-2-buten	12.40	75	109974	139.926	ug/l	#	5
95) Naphthalene	15.14	128	1153	2.810	ug/l	#	83

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

Quantitation Report (Not Reviewed)

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Acq On : 20 Nov 2018 20:52
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ALS Vial : 23 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 20 23:58:21 2018
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QLast Update : Thu Nov 15 03:02:37 2018
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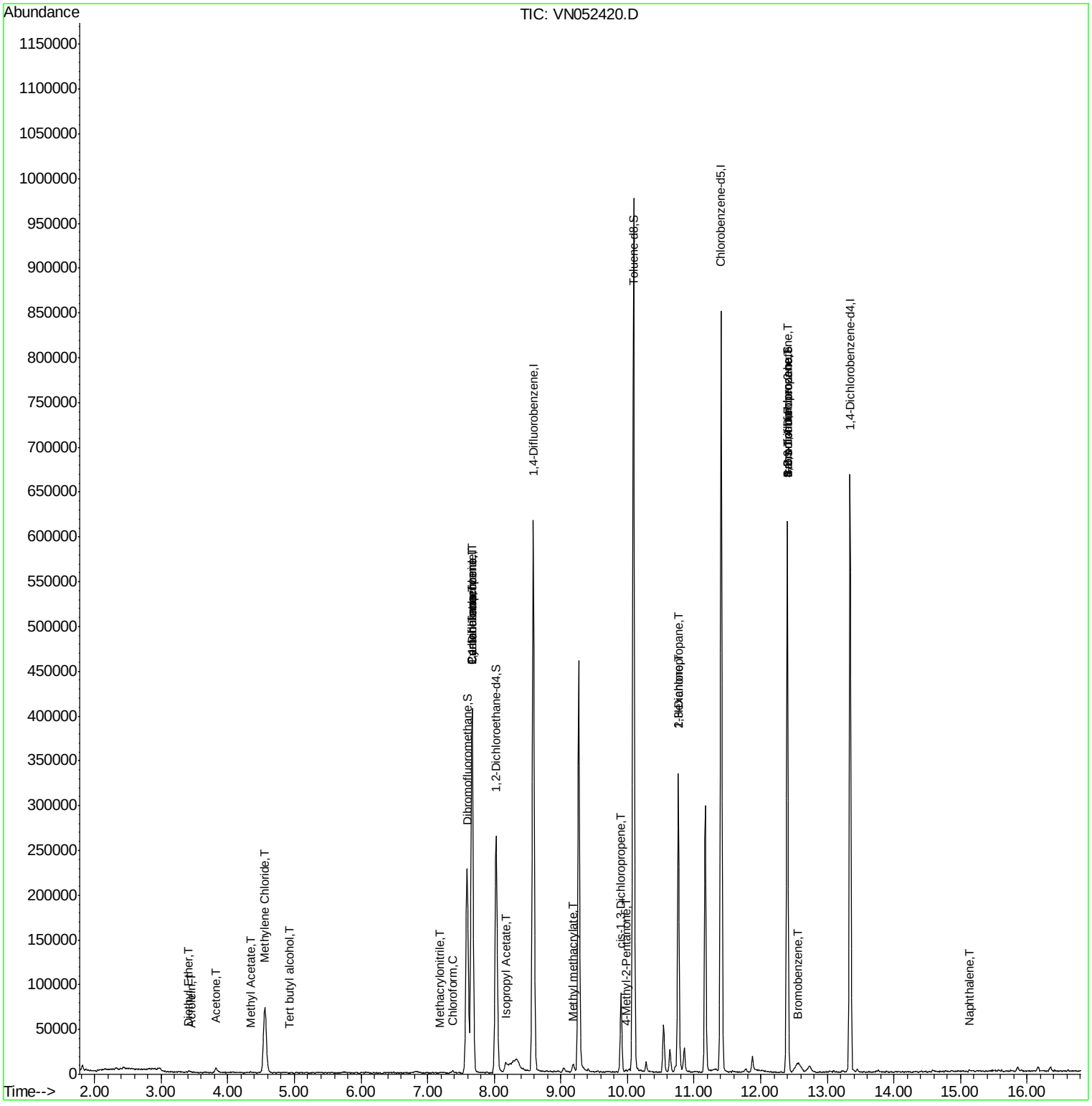
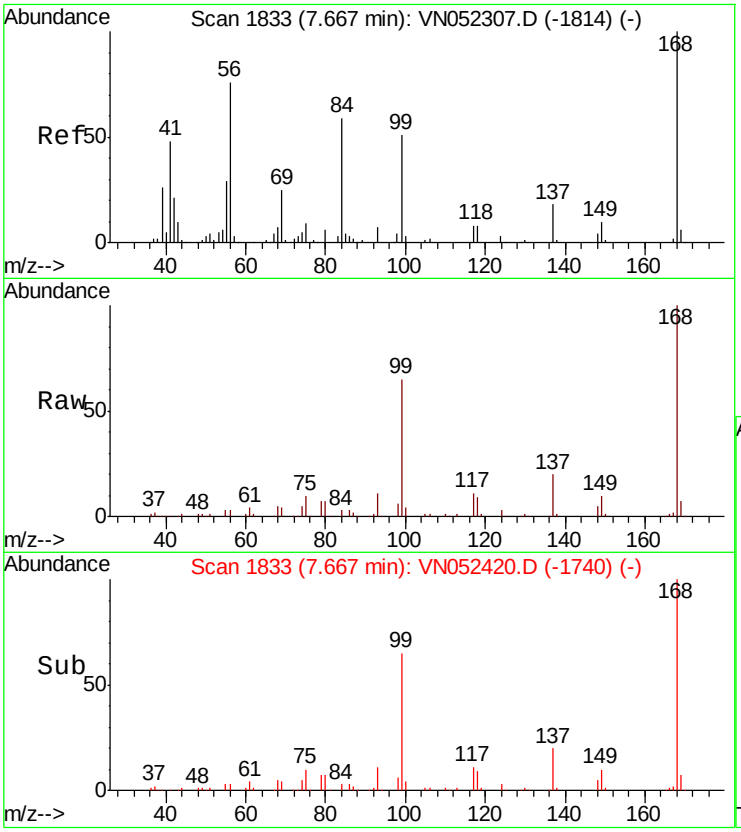


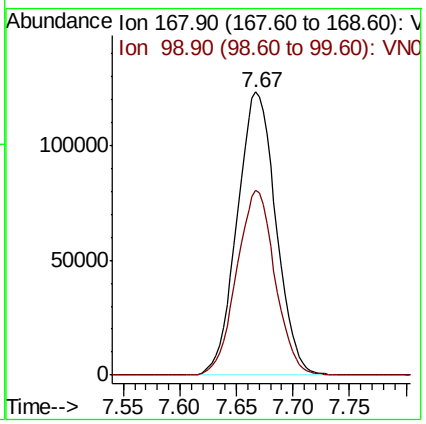


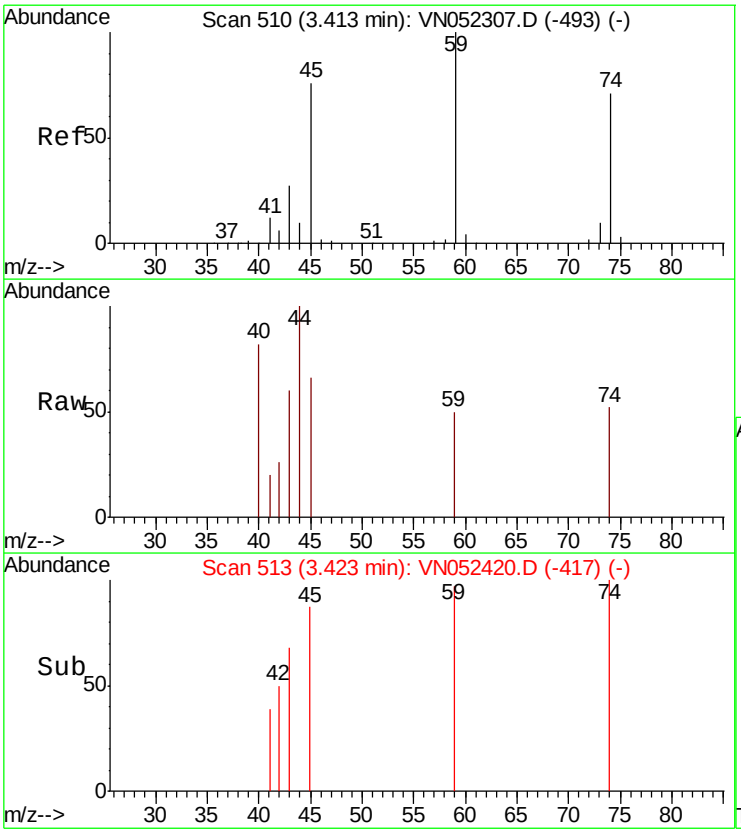
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 294497

Ion	Ratio	Lower	Upper
168	100		
99	65.2	47.9	71.9

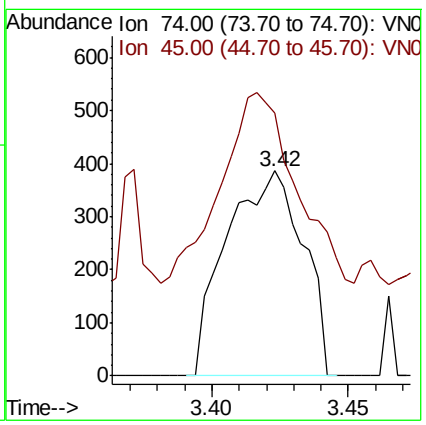


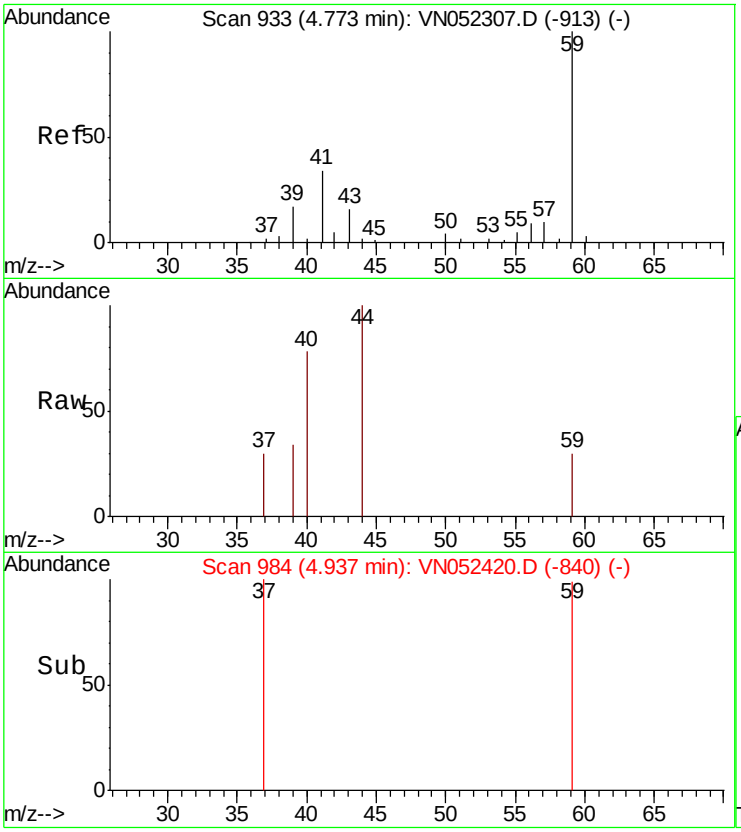


#8
Diethyl Ether
Concen: 0.380 ug/l
RT: 3.42 min Scan# 513
Delta R.T. 0.01 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 74 Resp: 752

Ion	Ratio	Lower	Upper
74	100		
45	117.7	54.3	162.9



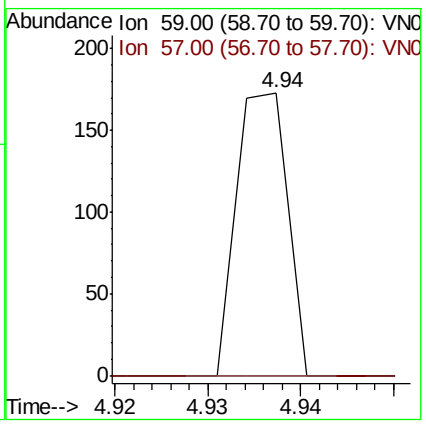


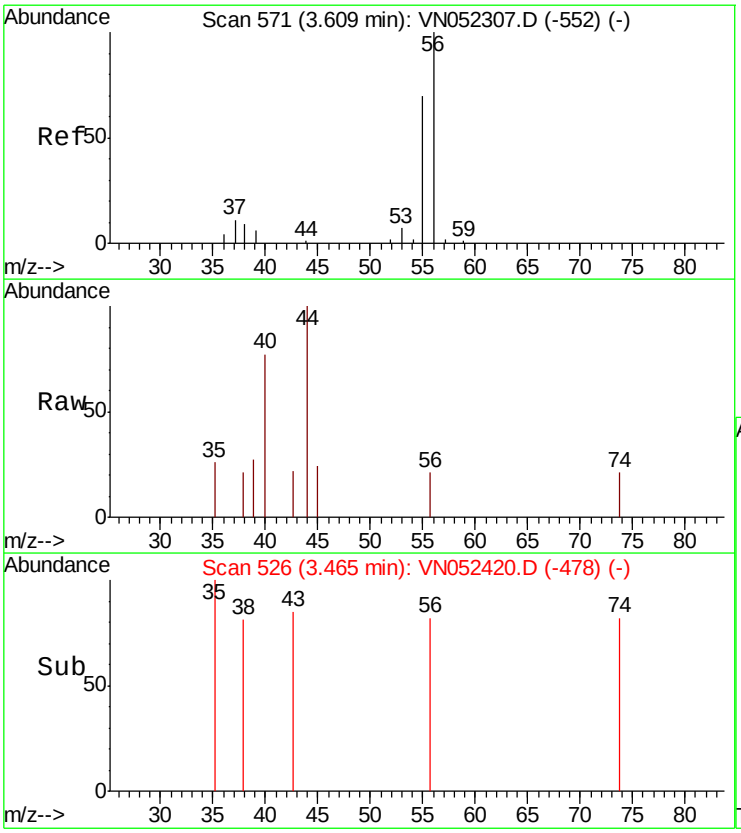
#11
Tert butyl alcohol
Concen: 0.300 ug/l
RT: 4.94 min Scan# 984
Delta R.T. 0.16 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 66

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

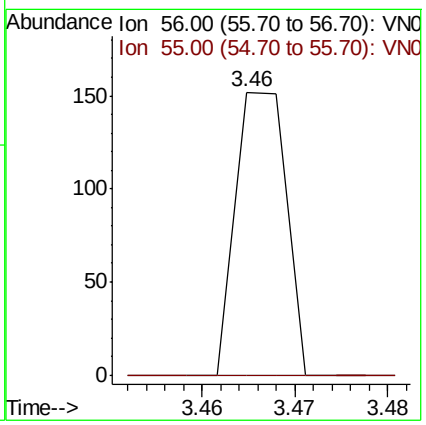


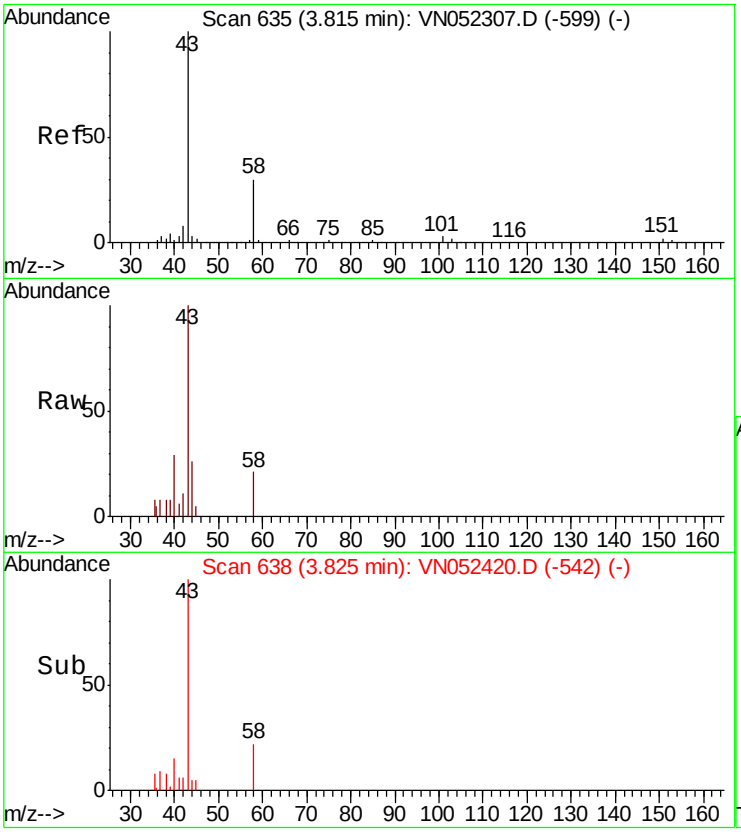


#13
Acrolein
Concen: 21.930 ug/l
RT: 3.46 min Scan# 526
Delta R.T. -0.14 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 56 Resp: 58

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#



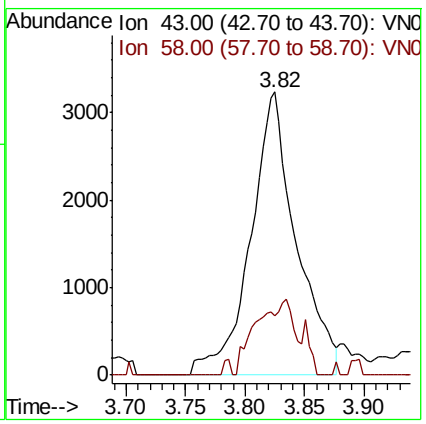


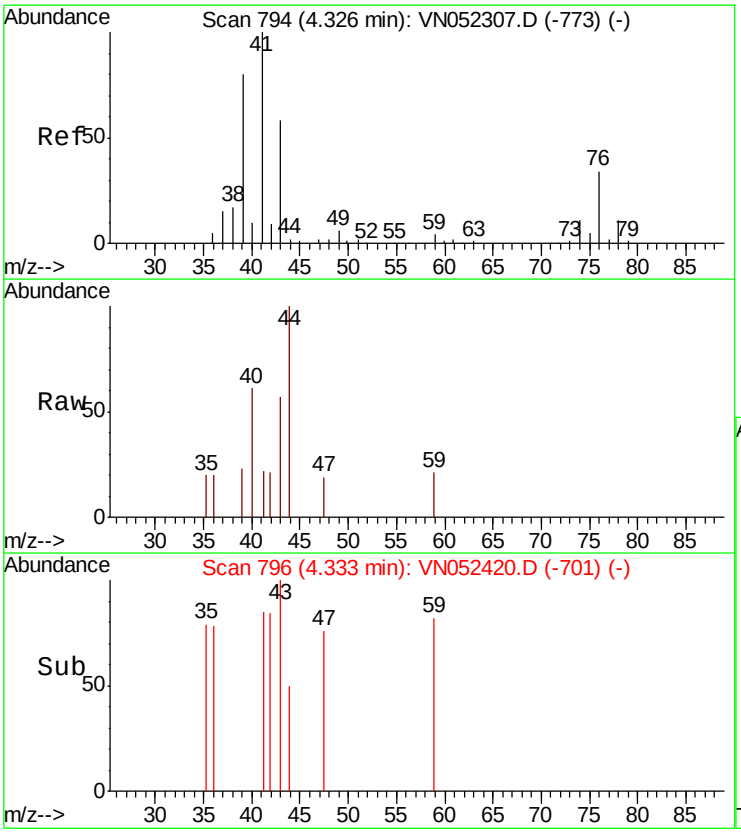
#16
Acetone
Concen: 7.492 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 8580

Ion	Ratio	Lower	Upper
43	100		
58	21.1	24.2	36.4#

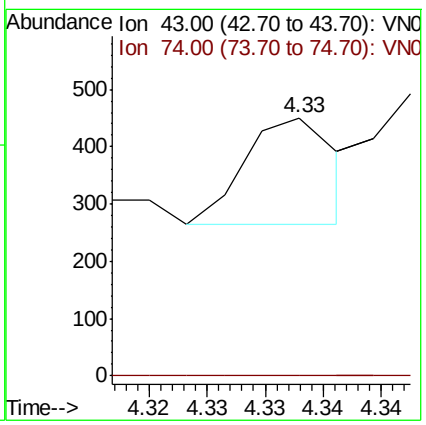


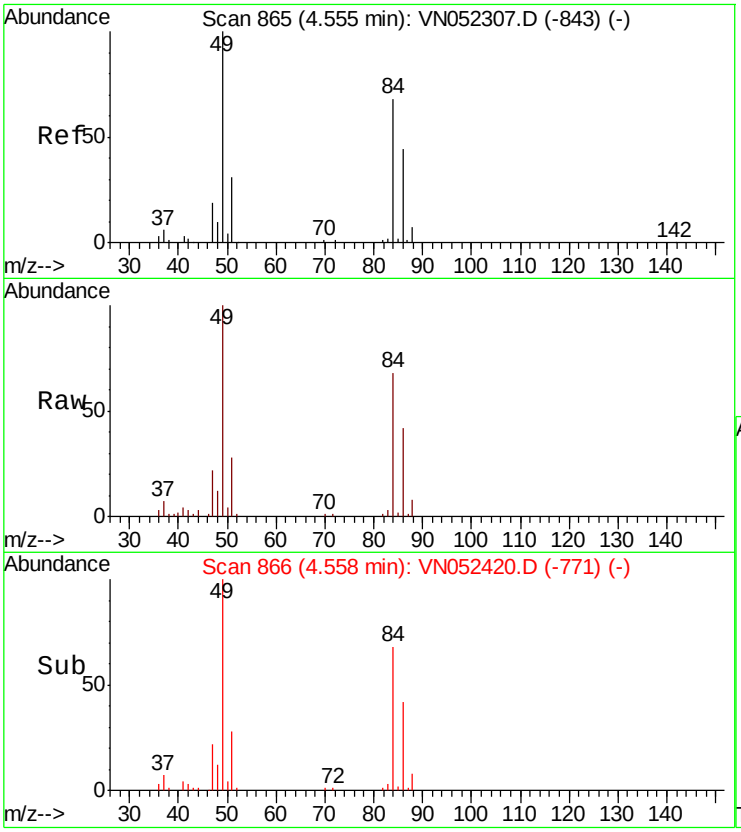


#18
Methyl Acetate
Concen: 0.463 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 43 Resp: 101

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.9	23.9#



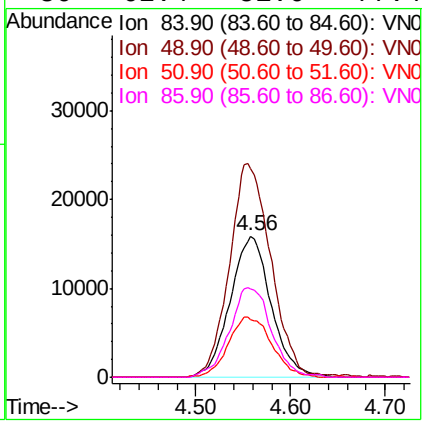


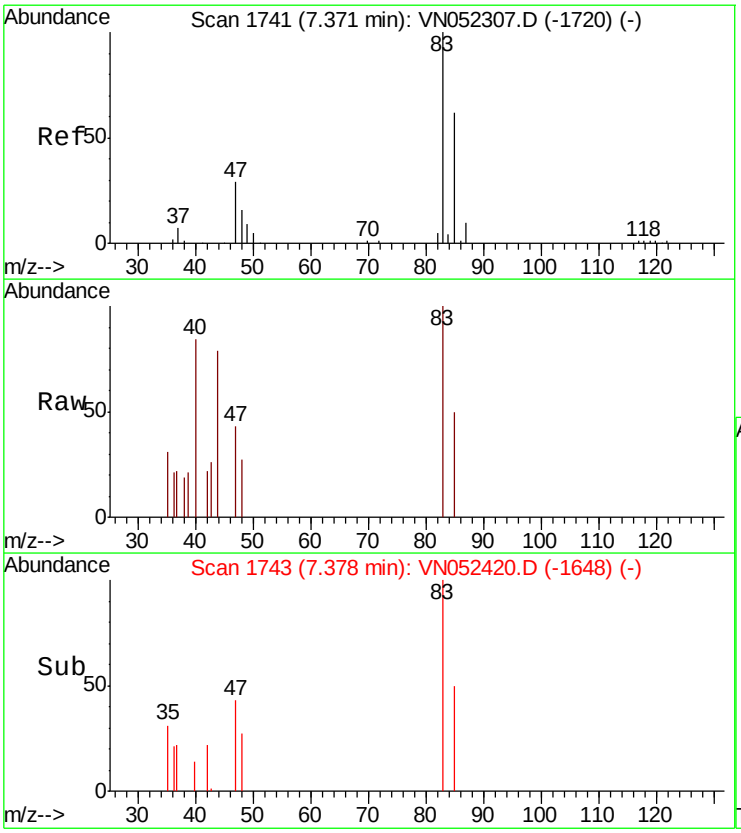
#20
Methylene Chloride
Concen: 13.192 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 47759

Ion	Ratio	Lower	Upper
84	100		
49	147.7	118.2	177.2
51	41.1	36.1	54.1
86	62.4	51.6	77.4

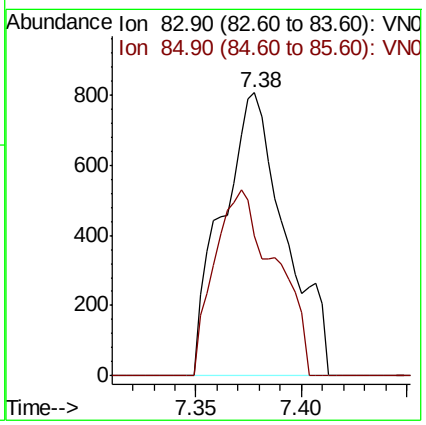


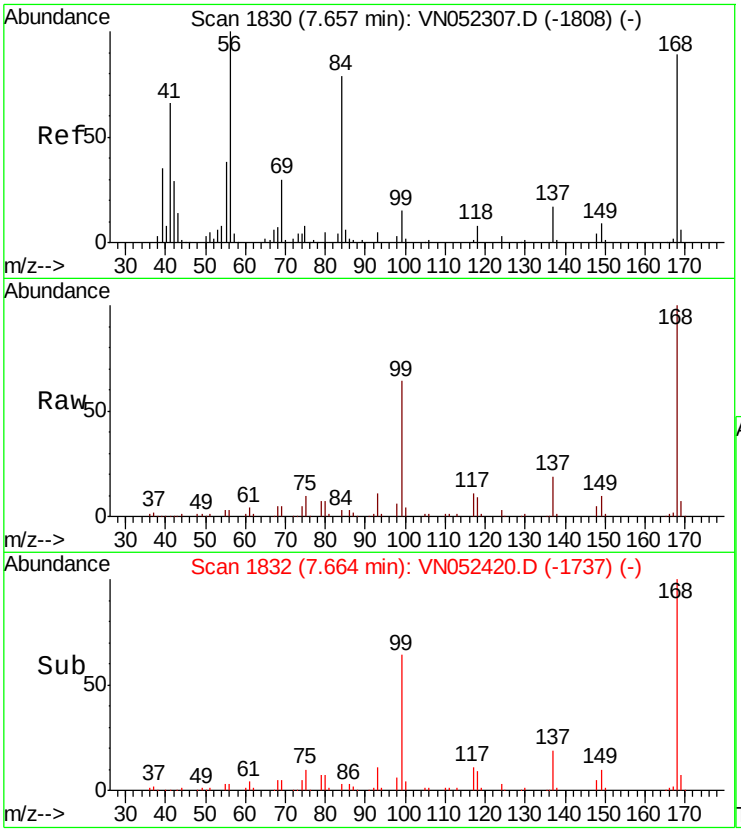


#30
Chloroform
Concen: 0.258 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 83 Resp: 1674

Ion	Ratio	Lower	Upper
83	100		
85	49.6	49.4	74.2



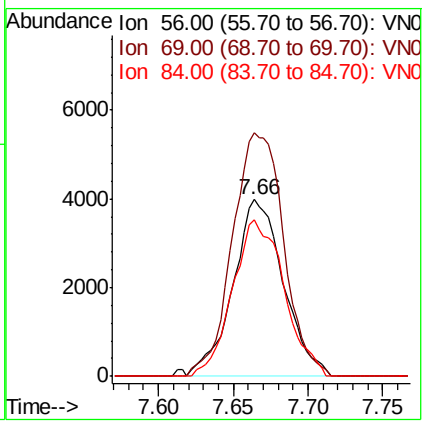


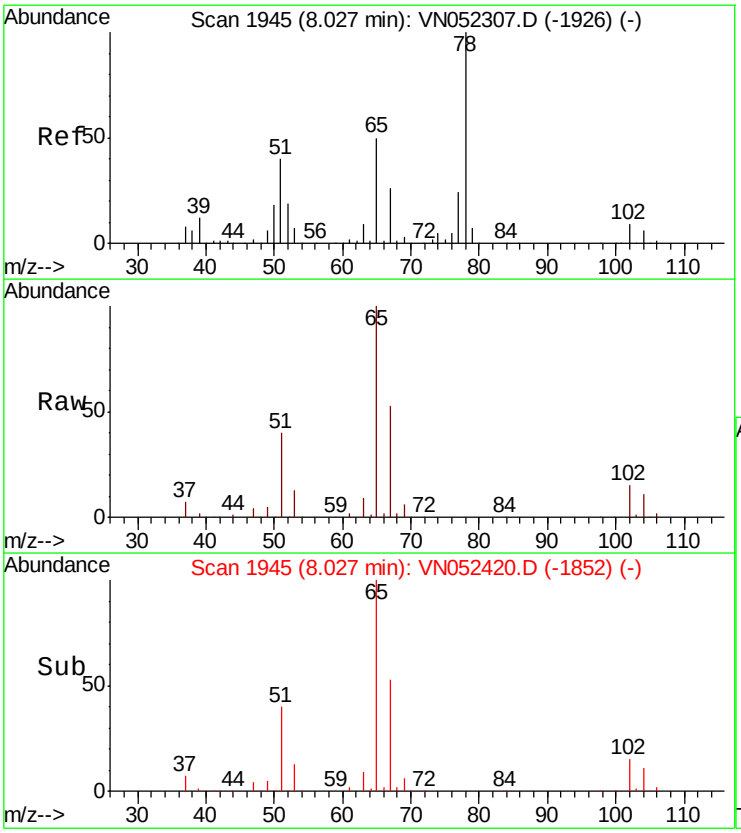
#31
Cyclohexane
Concen: 0.425 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 9335

Ion	Ratio	Lower	Upper
56	100		
69	137.7	23.8	35.8#
84	88.6	63.0	94.6

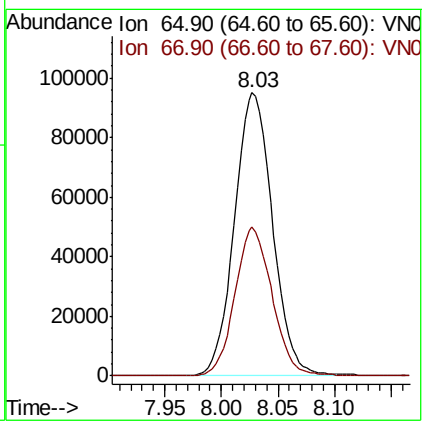


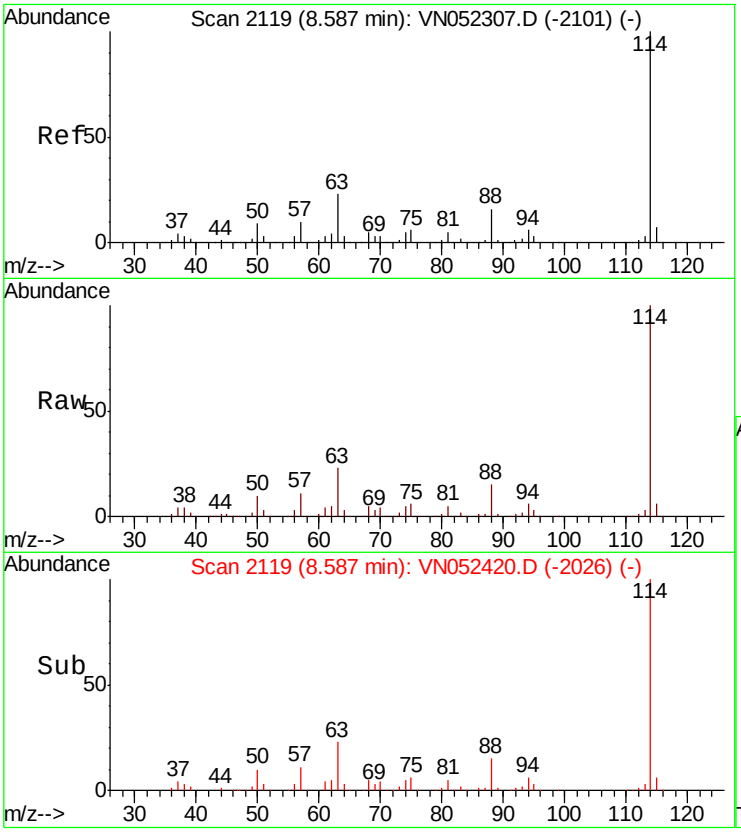


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 65 Resp: 223048

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.2



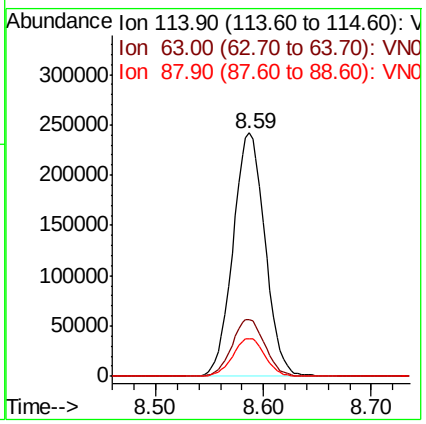


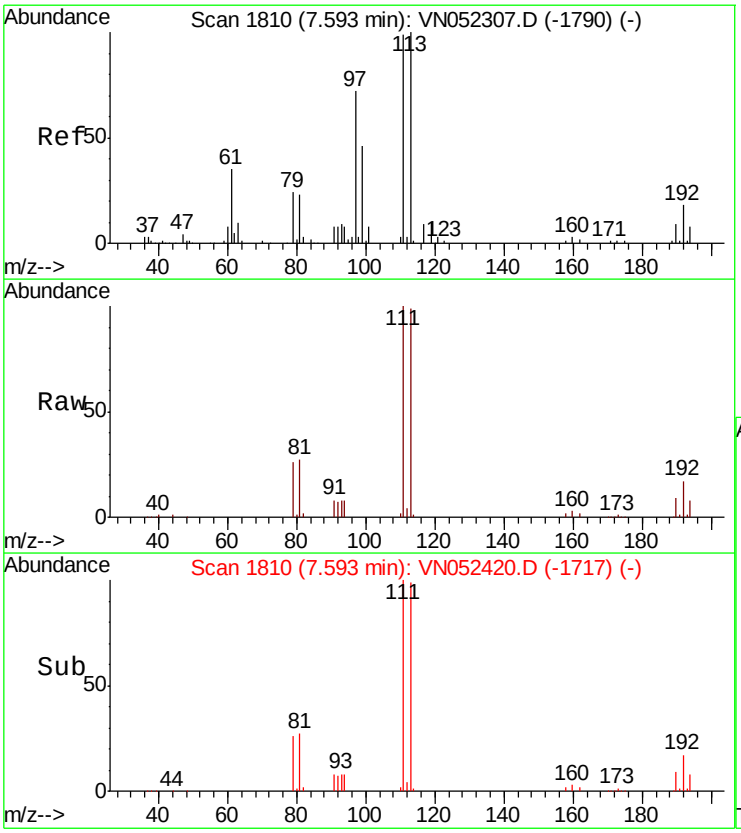
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 499486

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.4
88	15.4	0.0	31.2

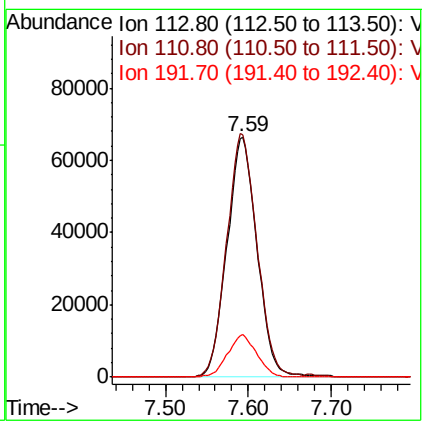


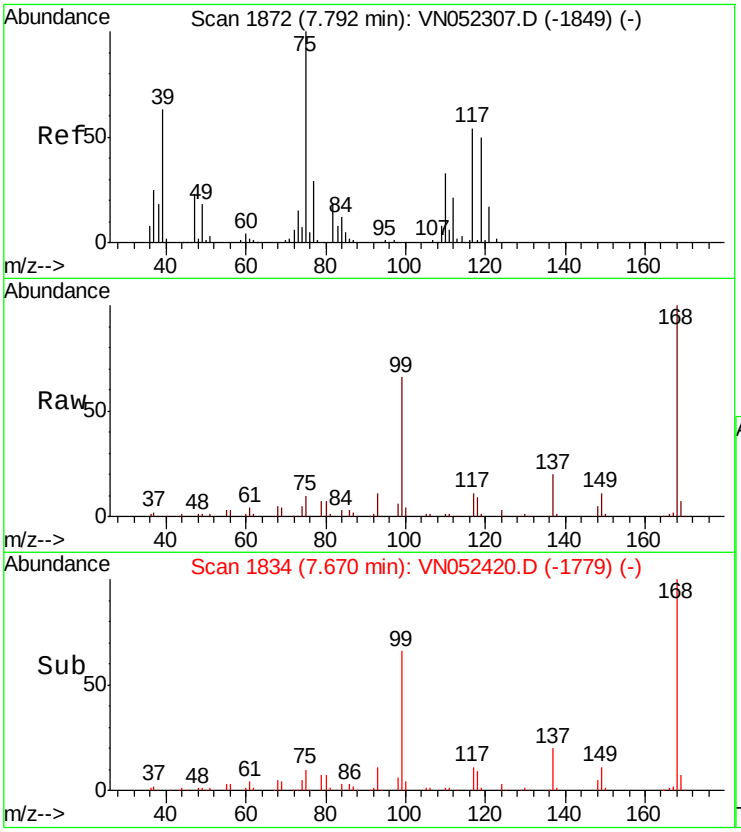


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion:113 Resp: 167857

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.0	121.6
192	17.1	13.8	20.6



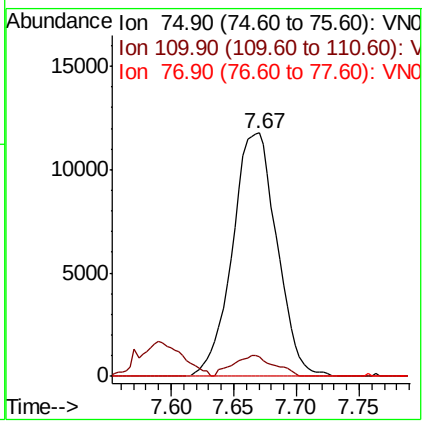


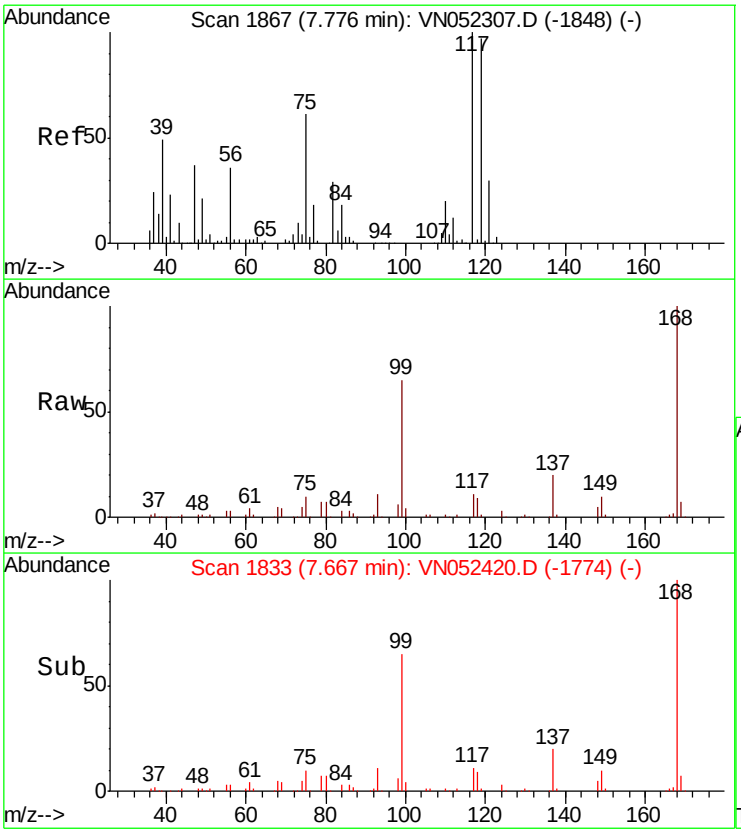
#36
1,1-Dichloropropene
Concen: 5.798 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.12 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 29029

Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.5	49.5#
77	0.0	24.2	36.2#

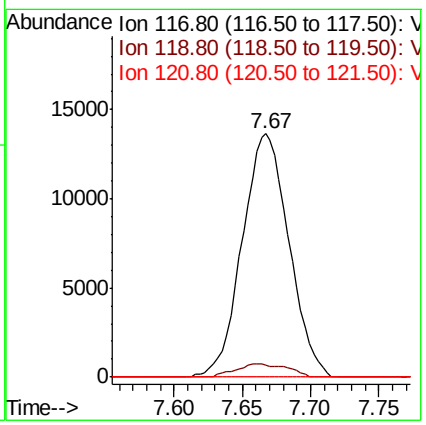


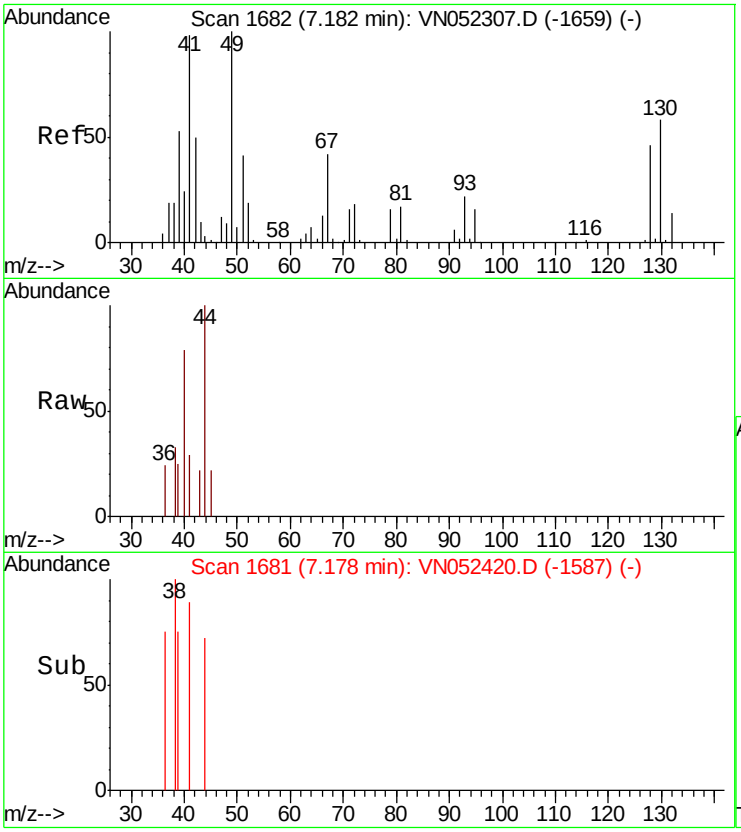


#38
Carbon Tetrachloride
Concen: 7.032 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion:117 Resp: 32343

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	24.0	36.0#



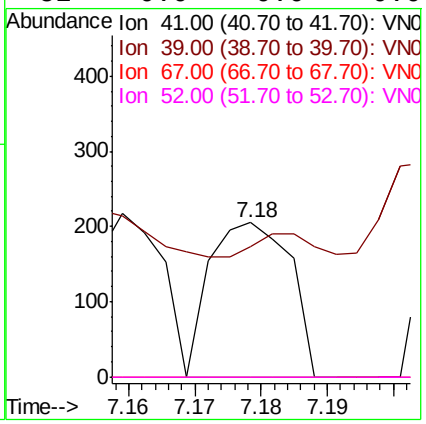


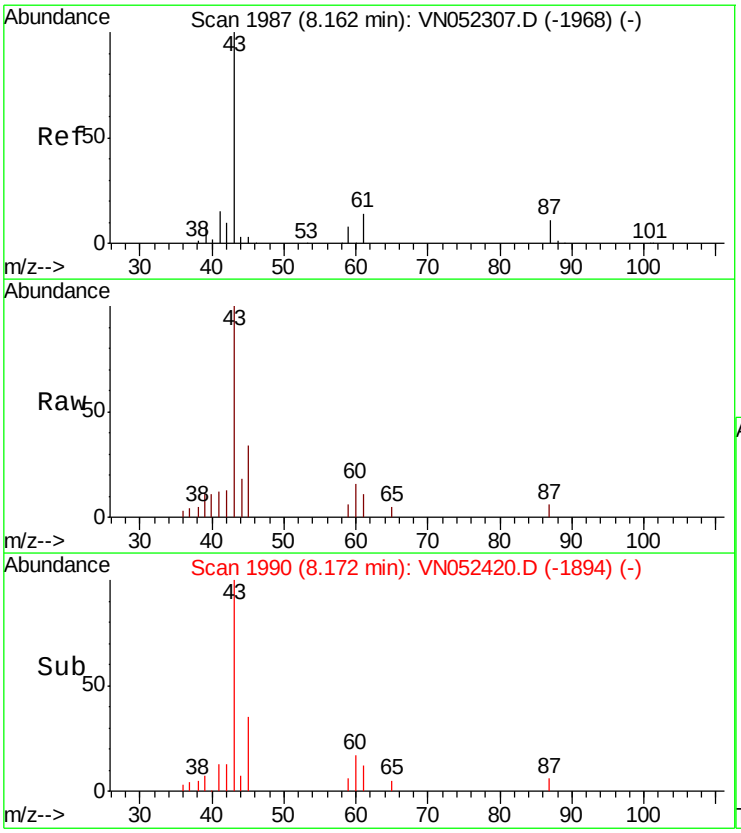
#41
Methacrylonitrile
Concen: 3.775 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 173

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

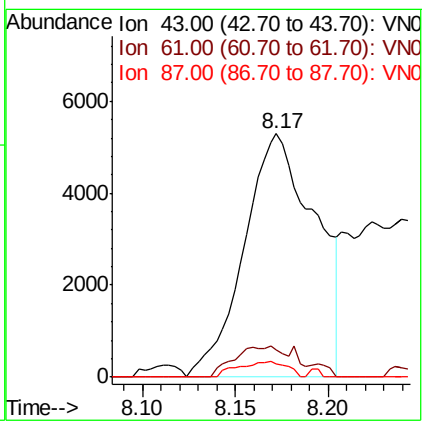


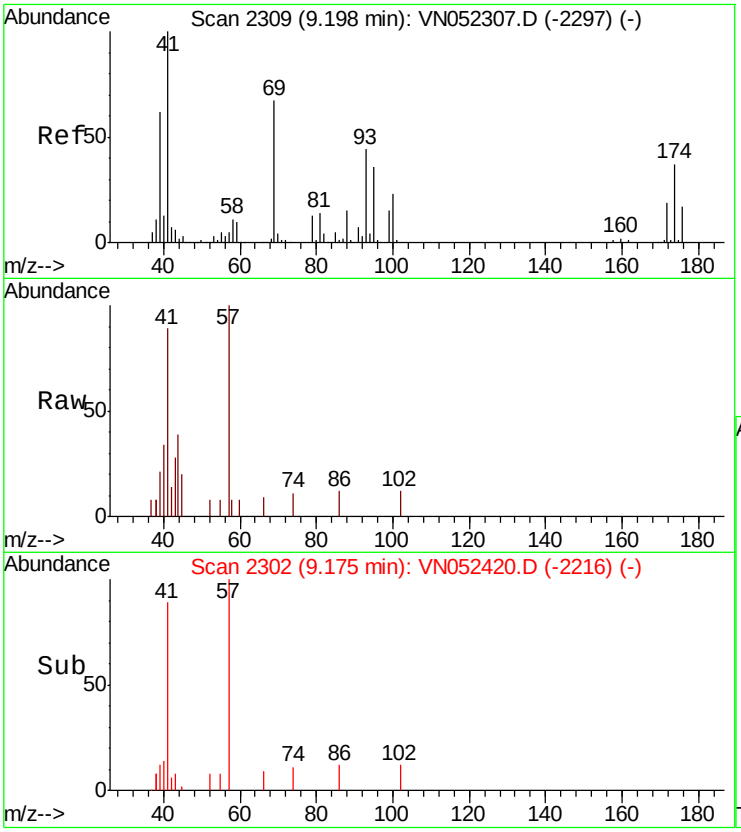


#43
Isopropyl Acetate
Concen: 2.020 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 43 Resp: 14164

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.0	18.0#
87	4.4	8.3	12.5#



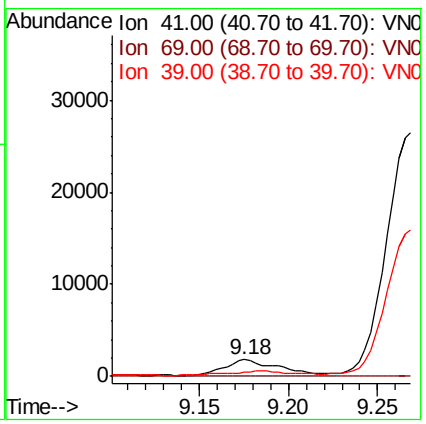


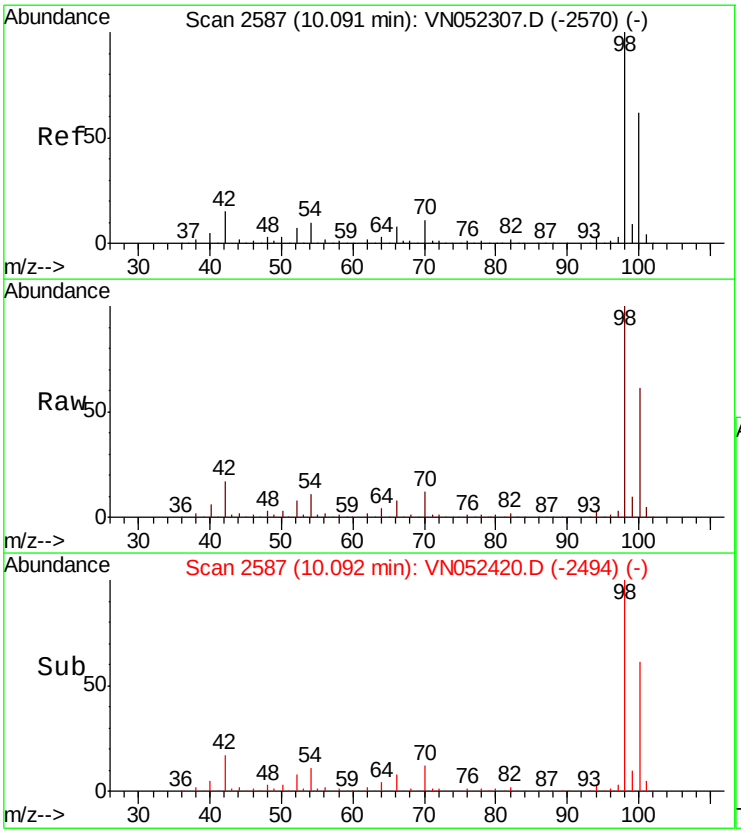
#48
Methyl methacrylate
Concen: 1.144 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 4070

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.1	85.7#
39	0.0	52.5	78.7#

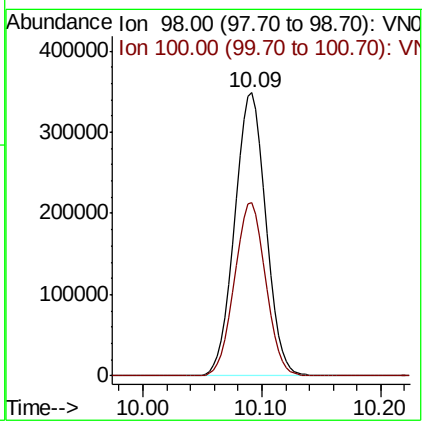


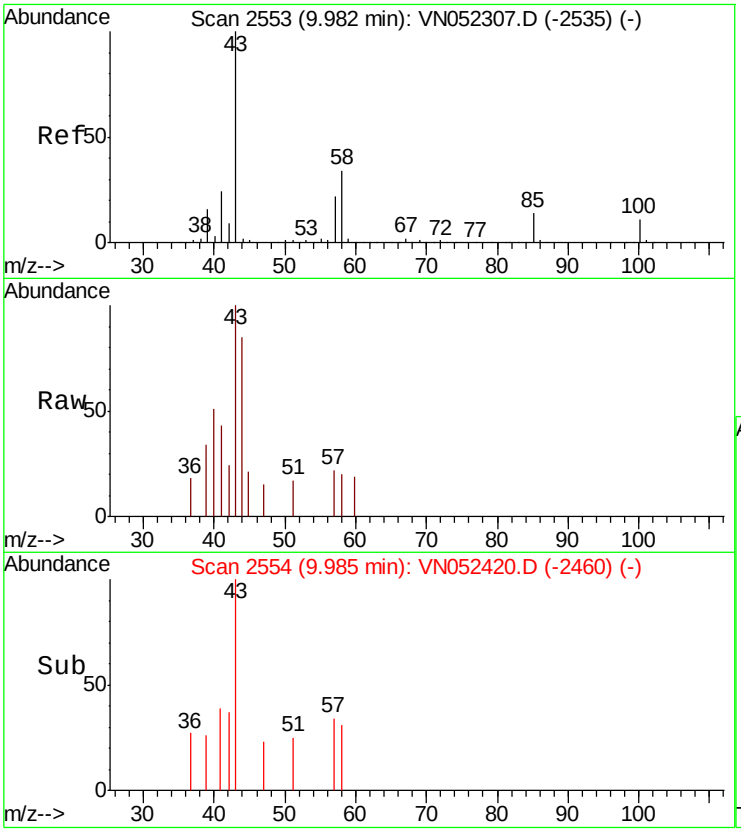


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 98 Resp: 633924

Ion	Ratio	Lower	Upper
98	100		
100	61.2	49.5	74.3



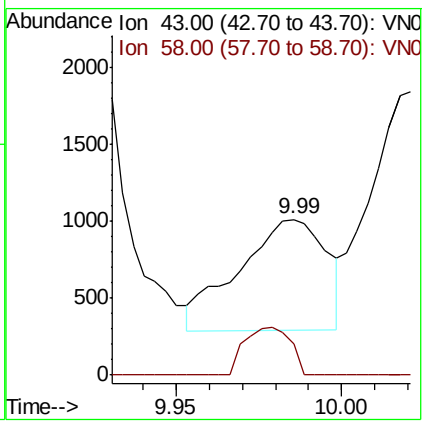


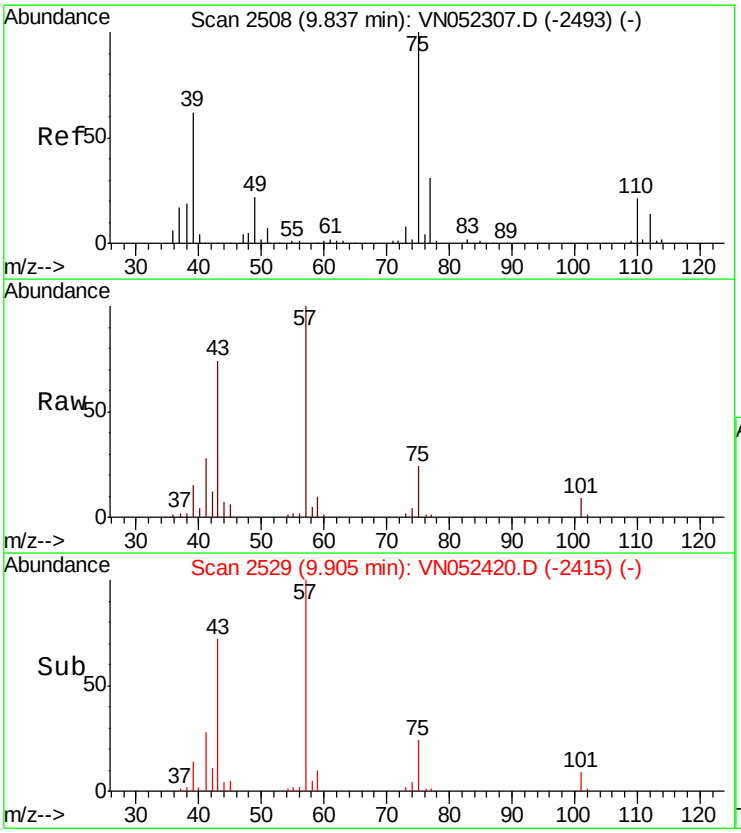
#51
4-Methyl-2-Pentanone
Concen: 0.378 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1334

Ion	Ratio	Lower	Upper
43	100		
58	22.5	27.0	40.6#

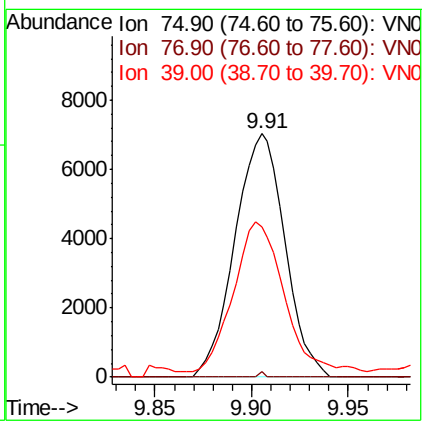


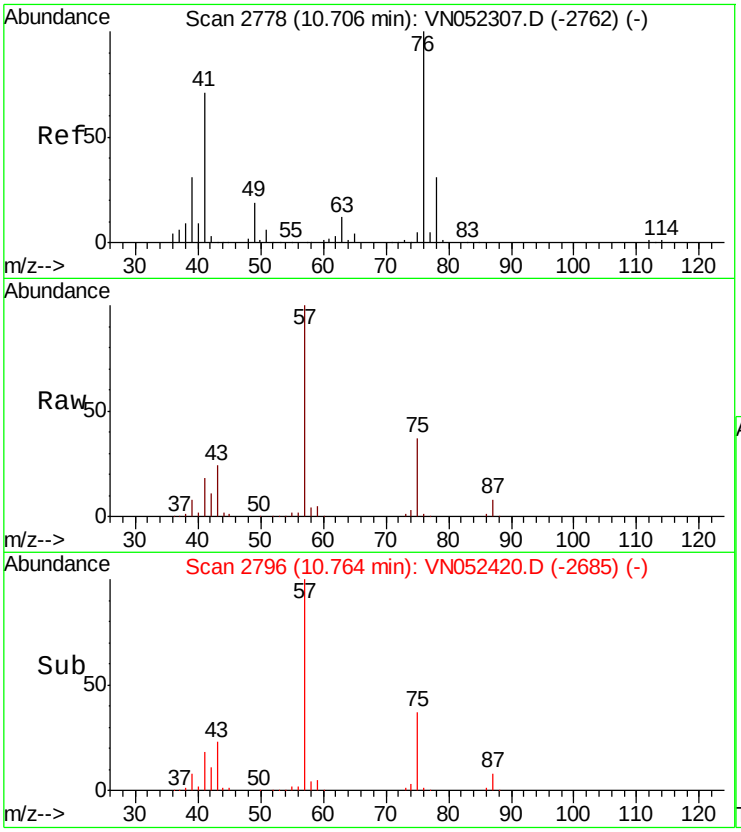


#54
cis-1,3-Dichloropropene
Concen: 2.276 ug/l
RT: 9.91 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 75 Resp: 12618

Ion	Ratio	Lower	Upper
75	100		
77	2.3	24.6	36.8#
39	59.1	49.9	74.9



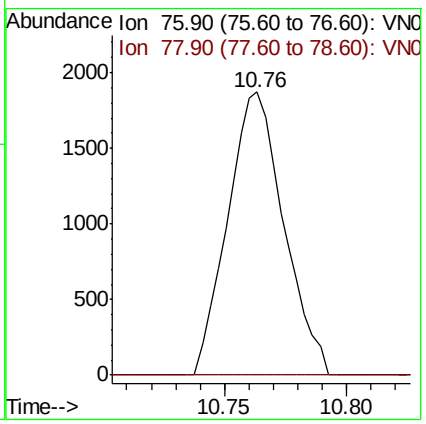


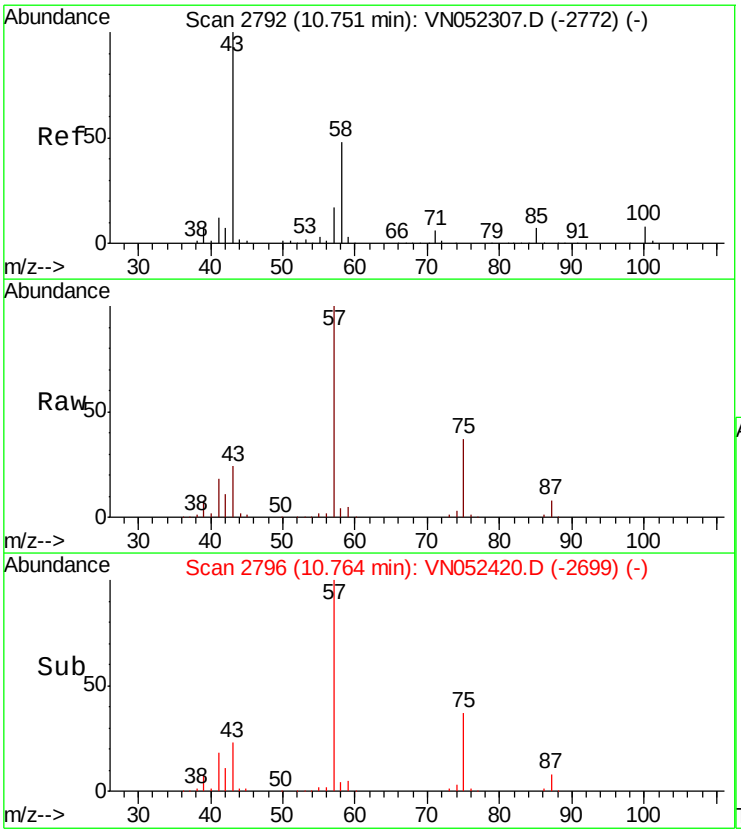
#57
1,3-Dichloropropane
Concen: 0.542 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 2980

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

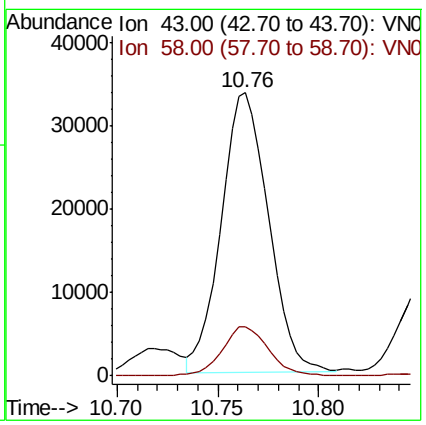


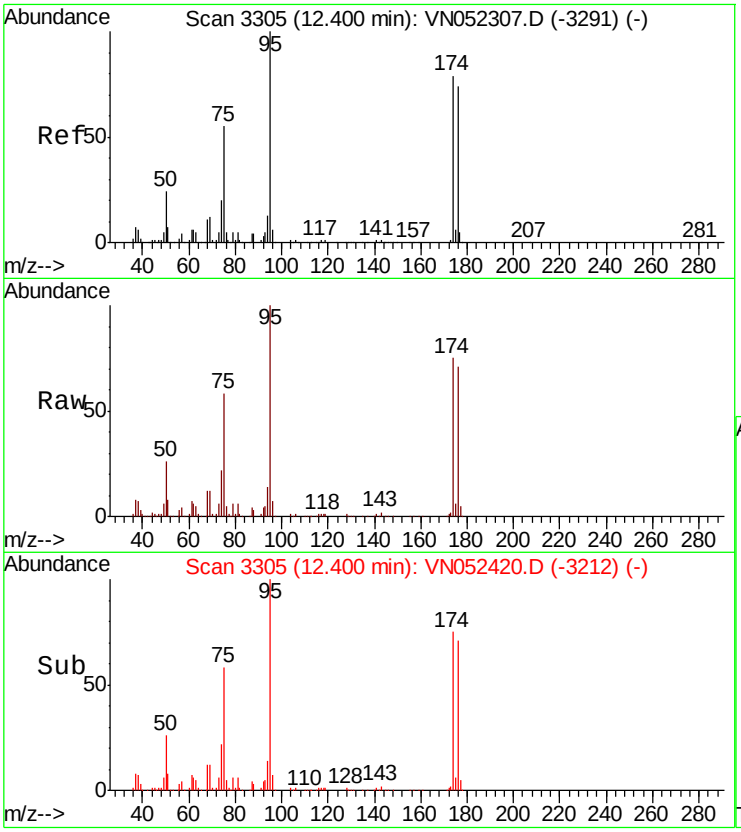


#59
2-Hexanone
Concen: 22.668 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 43 Resp: 55025

Ion	Ratio	Lower	Upper
43	100		
58	17.2	23.5	70.6#



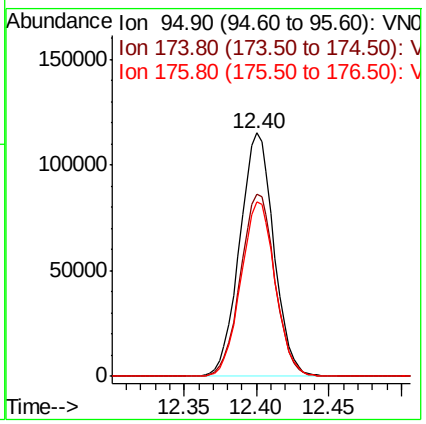


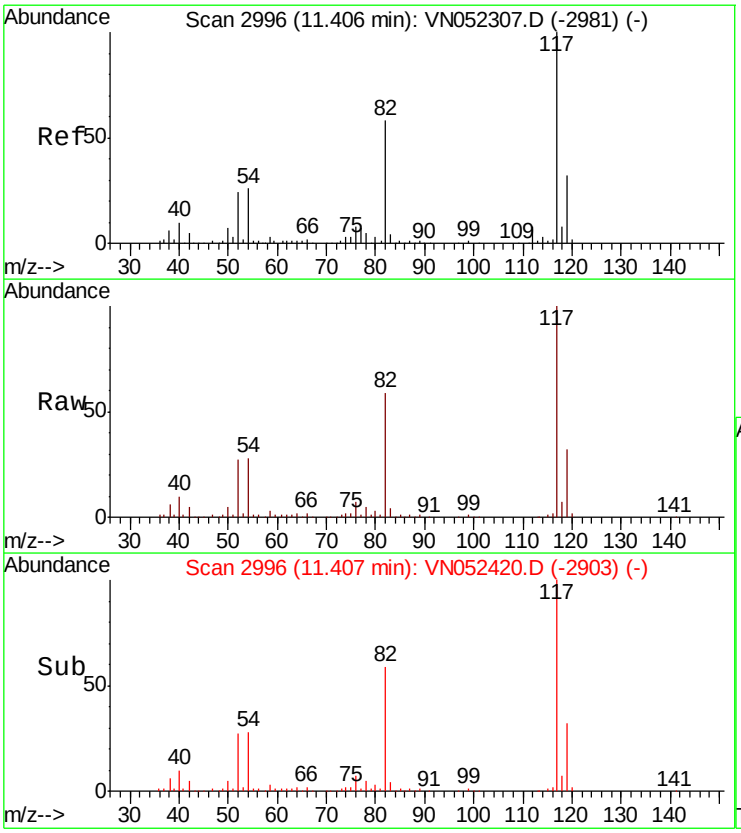
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 188772

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	156.0
176	72.1	0.0	148.4

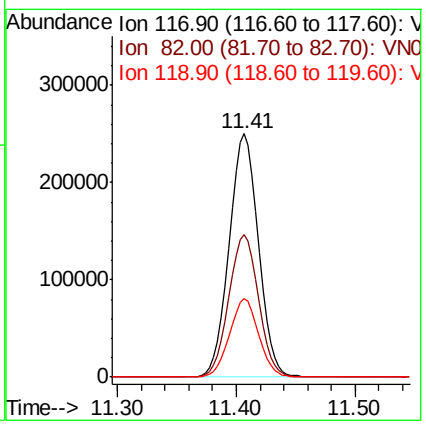


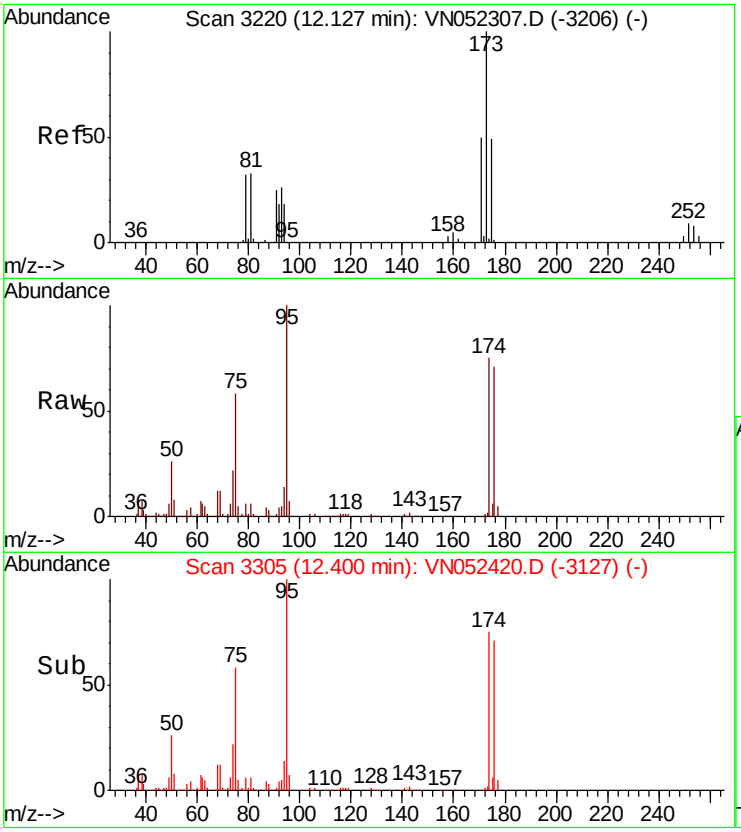


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion:117 Resp: 427659

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.5	69.7
119	32.3	25.7	38.5



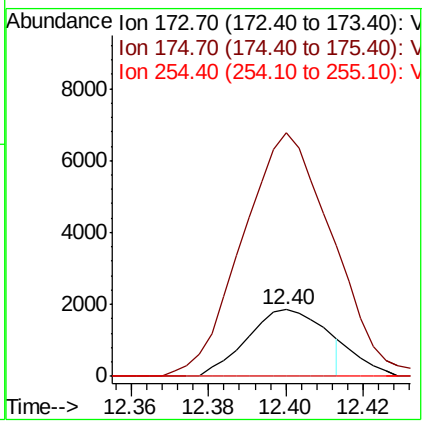


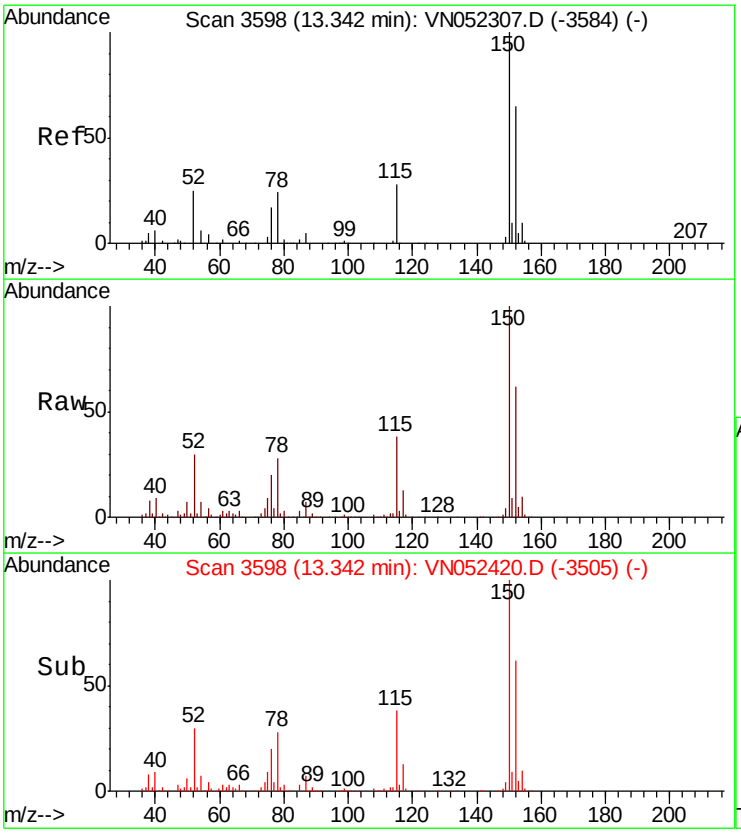
#71
Bromoform
Concen: 1.424 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 2591

Ion	Ratio	Lower	Upper
173	100		
175	378.3	25.0	75.0#
254	0.0	0.0	0.0

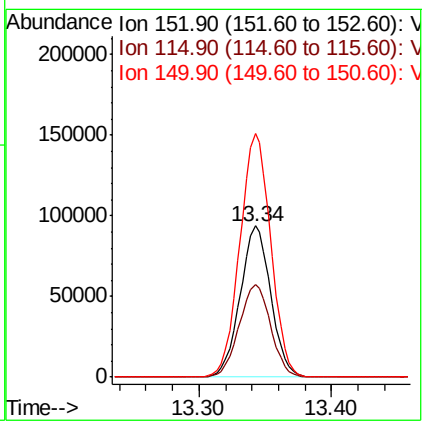


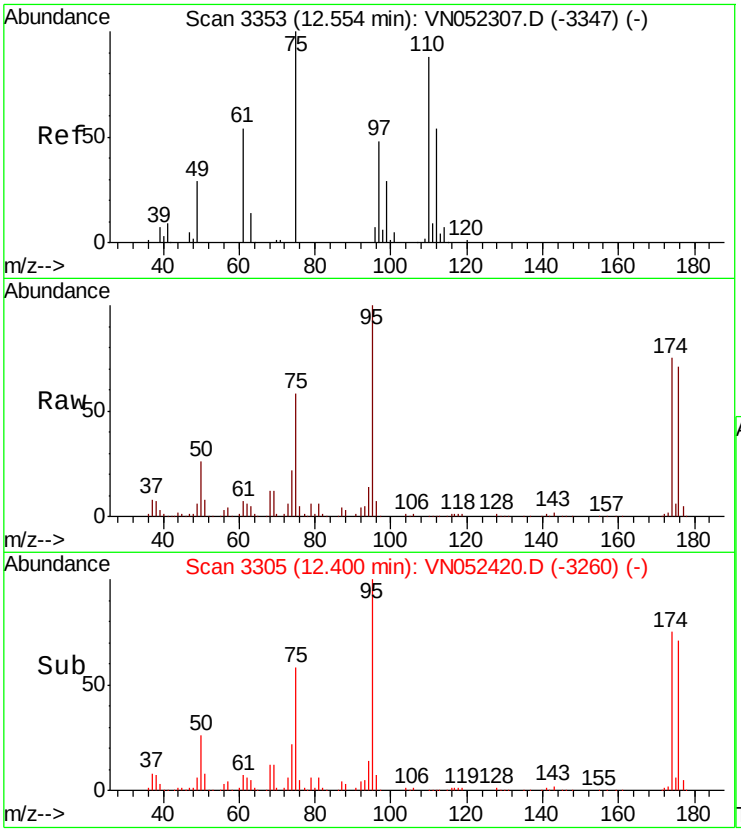


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion:152 Resp: 150230

Ion	Ratio	Lower	Upper
152	100		
115	63.0	30.3	91.0
150	162.1	0.0	348.2



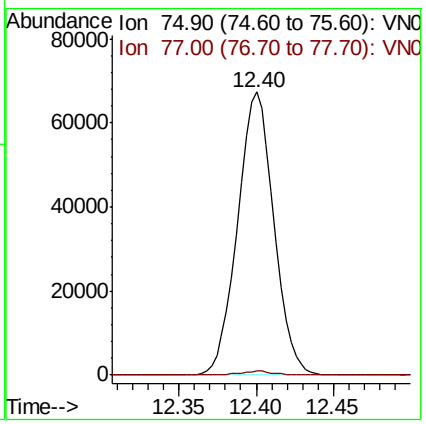


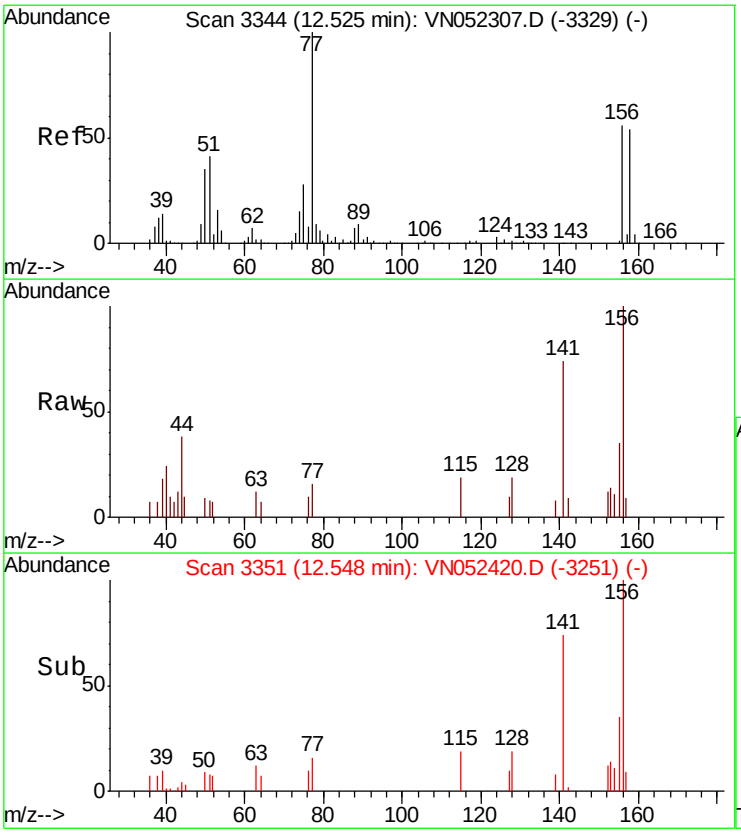
#76
1,2,3-Trichloropropane
Concen: 43.142 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 109974

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

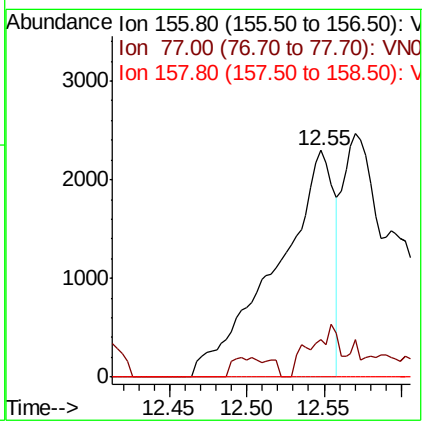


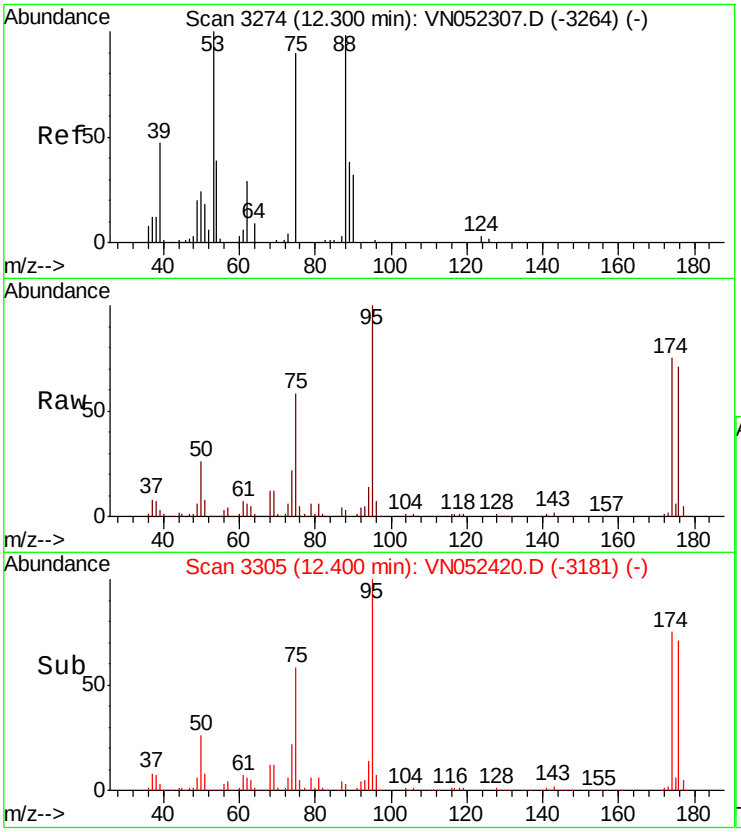


#77
Bromobenzene
Concen: 2.114 ug/l
RT: 12.55 min Scan# 3351
Delta R.T. 0.02 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion:156 Resp: 5940

Ion	Ratio	Lower	Upper
156	100		
77	11.6	103.6	310.9#
158	0.0	48.1	144.4#



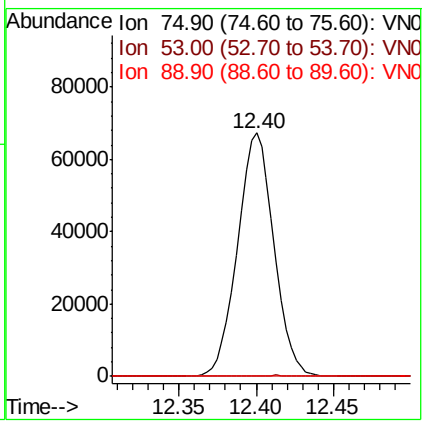


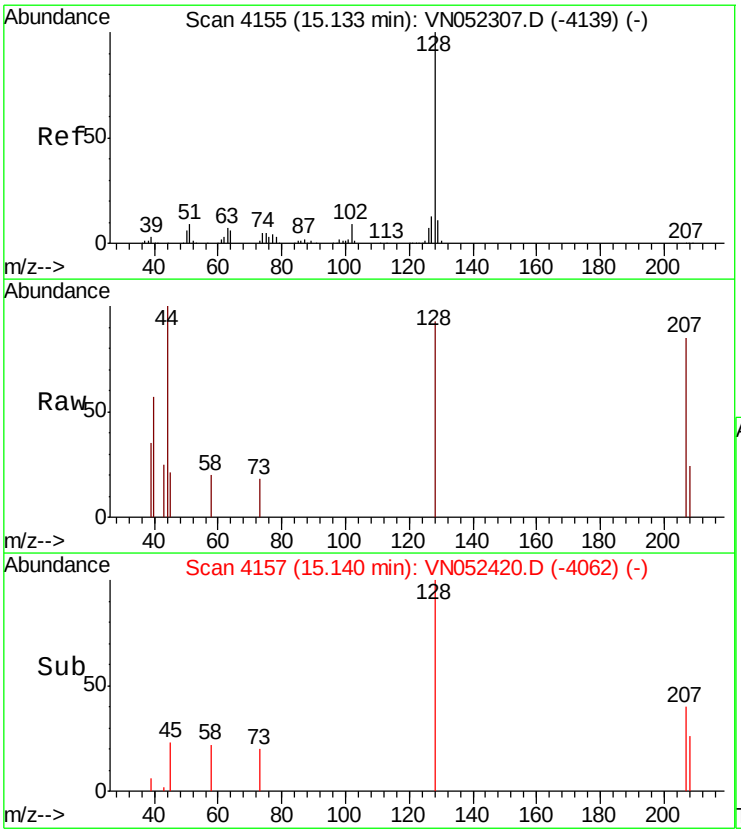
#81
trans-1,4-Dichloro-2-butene
Concen: 139.926 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 109974

Ion	Ratio	Lower	Upper
75	100		
53	0.3	90.2	135.2#
89	0.1	35.4	53.0#





#95
Naphthalene
Concen: 2.810 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion:128 Resp: 1153

Ion	Ratio	Lower	Upper
128	100		
127	2.5	10.4	15.6#
129	8.4	8.6	13.0#