Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
Data File : VN052072.D
Acq On : 31 Oct 2018 14:31
Operator : MD\SY
Sample : PB114328ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 01 01:41:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	297978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	548853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	252039	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.42%			
35) Dibromofluoromethane	7.59	113	208851	60.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.66%			
50) Toluene-d8	10.09	98	828757	60.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.78%			
62) 4-Bromofluorobenzene	12.40	95	286297	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.66%			
Target Compounds						Qvalue
13) Acrolein	3.55	56	60	24.263	ug/l #	1
16) Acetone	3.81	43	2362	2.314	ug/l	95
18) Methyl Acetate	4.34	43	3656	1.125	ug/l #	81
20) Methylene Chloride	4.55	84	9329	2.399	ug/l	85
25) 2-Butanone	6.83	43	362	0.226	ug/l #	50
29) Tetrahydrofuran	7.22	42	528	0.495	ug/l #	62
31) Cyclohexane	7.67	56	7715	Below Cal	#	22
36) 1,1-Dichloropropene	7.67	75	27648	4.954	ug/l #	48
38) Carbon Tetrachloride	7.67	117	32583	6.771	ug/l #	18
41) Methacrylonitrile	7.18	41	157	0.224	ug/l #	23
43) Isopropyl Acetate	8.17	43	169789	25.556	ug/l	99
48) Methyl methacrylate	9.18	41	4120	1.223	ug/l #	30
49) 1,4-Dioxane	9.29	88	105	28.685	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	915	0.253	ug/l #	38
54) cis-1,3-Dichloropropene	9.90	75	1365	0.217	ug/l #	68
59) 2-Hexanone	10.77	43	11713	4.552	ug/l #	54
71) Bromoform	12.40	173	3473	3.683	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	147300	37.407	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3218	0.215	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	147300	124.161	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.30	75	87	1.053	ug/l #	11
94) Hexachlorobutadiene	15.01	225	816	0.593	ug/l #	30
95) Naphthalene	15.13	128	2445	0.397	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.32	180	1155	0.545	ug/l #	17

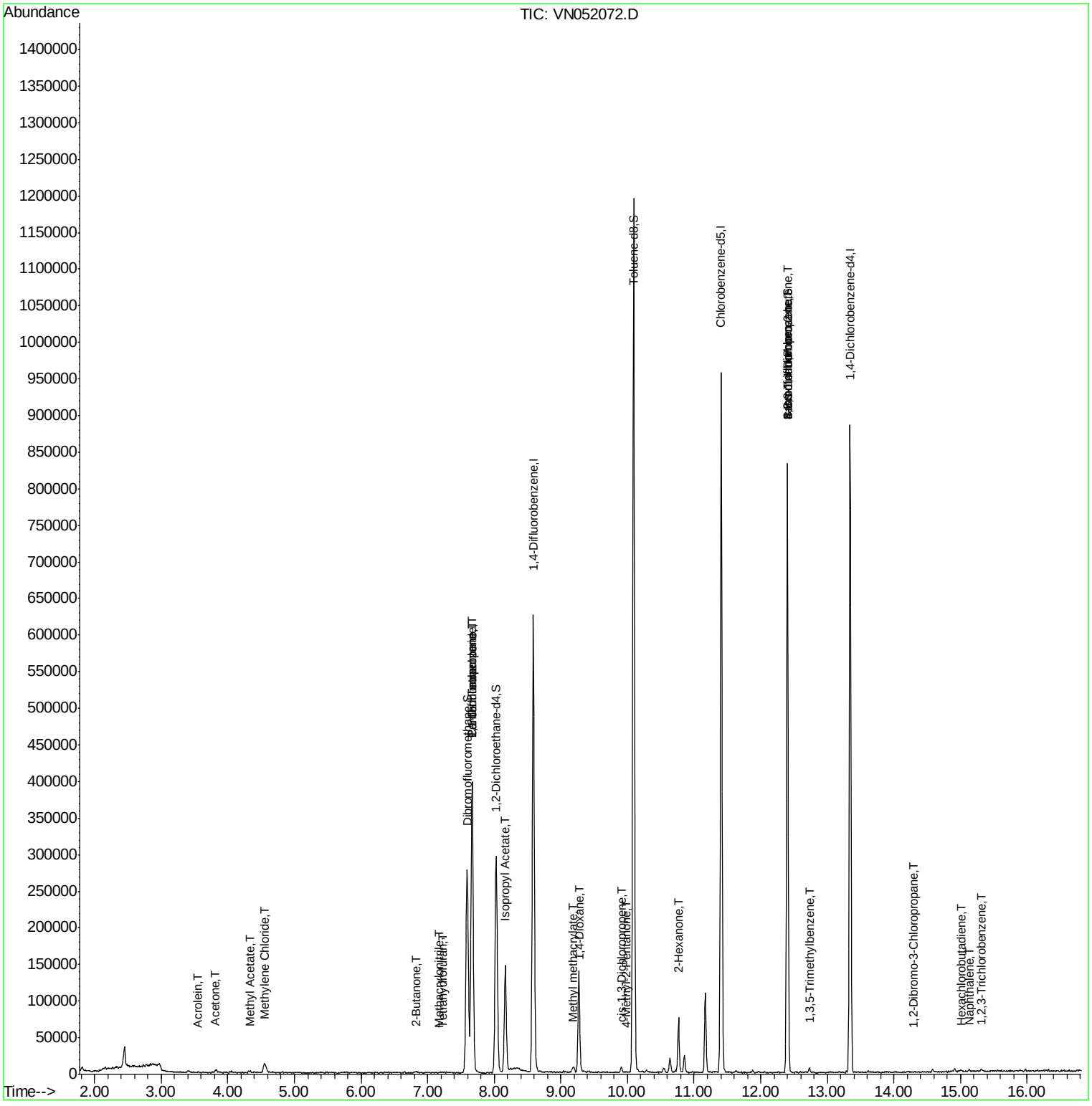
(#) = qualifier out of range (m) = manual integration (+) = signals summed

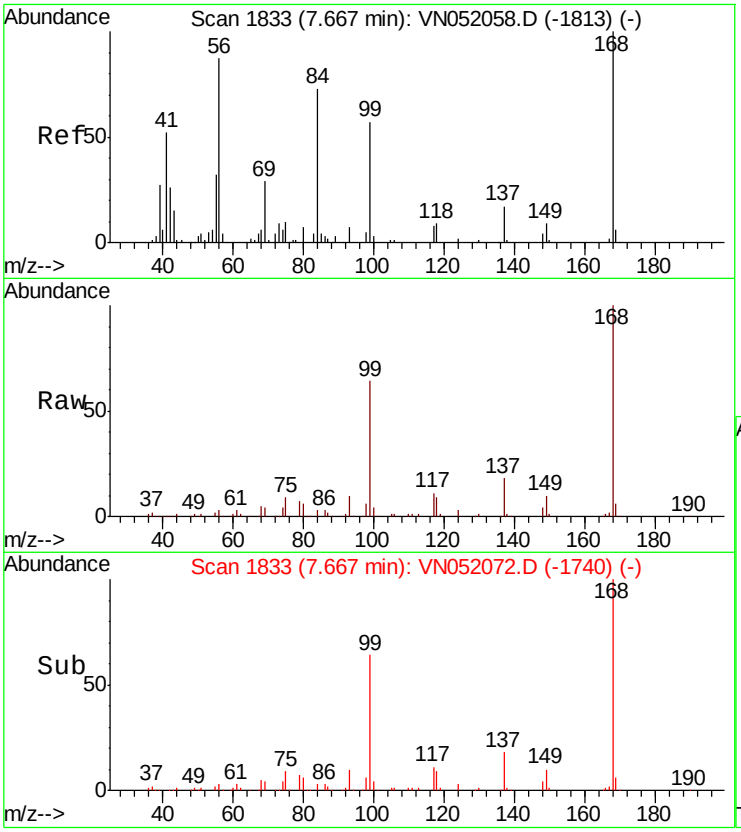
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
Data File : VN052072.D
Acq On : 31 Oct 2018 14:31
Operator : MD\SY
Sample : PB114328ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 01 01:41:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration



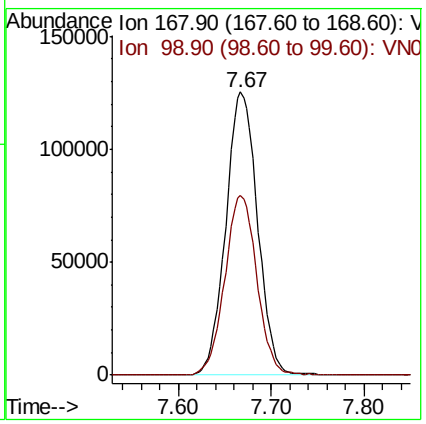


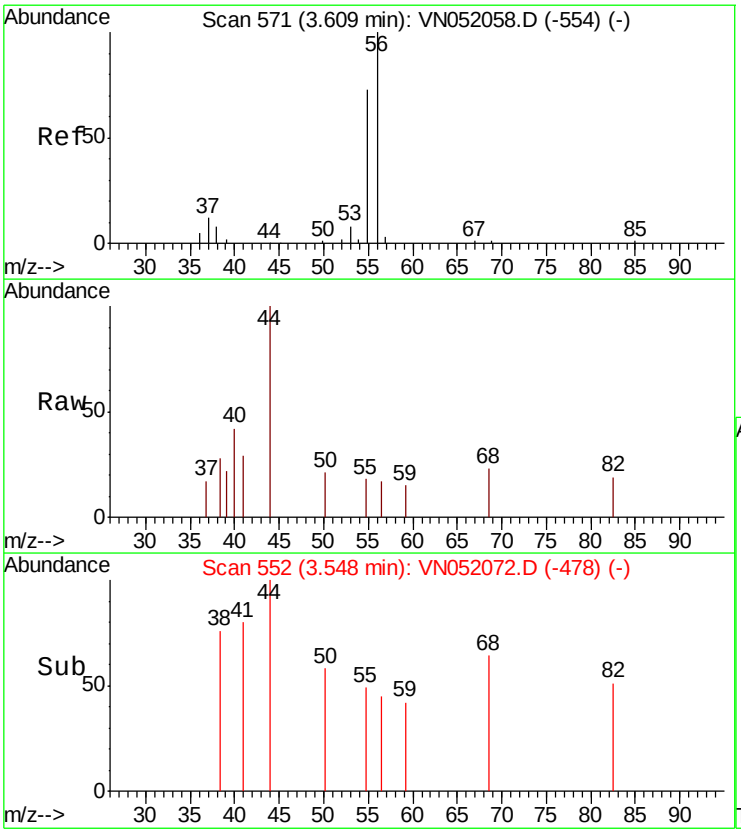
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 297978

Ion	Ratio	Lower	Upper
168	100		
99	63.5	56.6	85.0

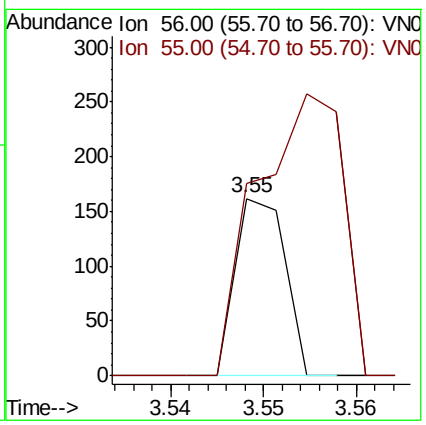


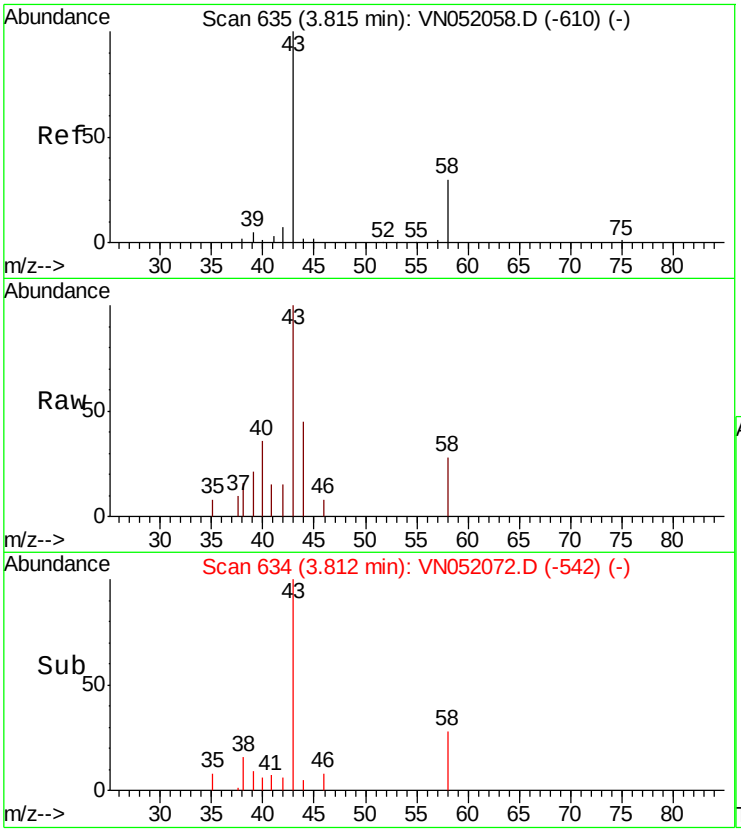


#13
Acrolein
Concen: 24.263 ug/l
RT: 3.55 min Scan# 552
Delta R.T. -0.06 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 56 Resp: 60

Ion	Ratio	Lower	Upper
56	100		
55	276.7	59.9	89.9#



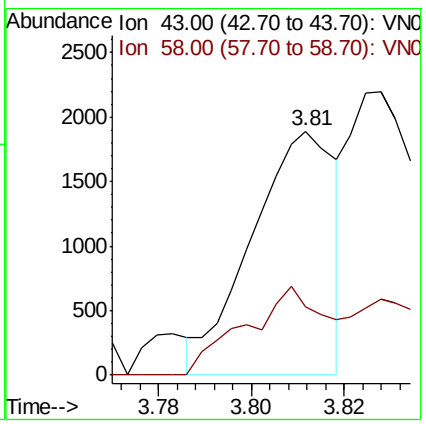


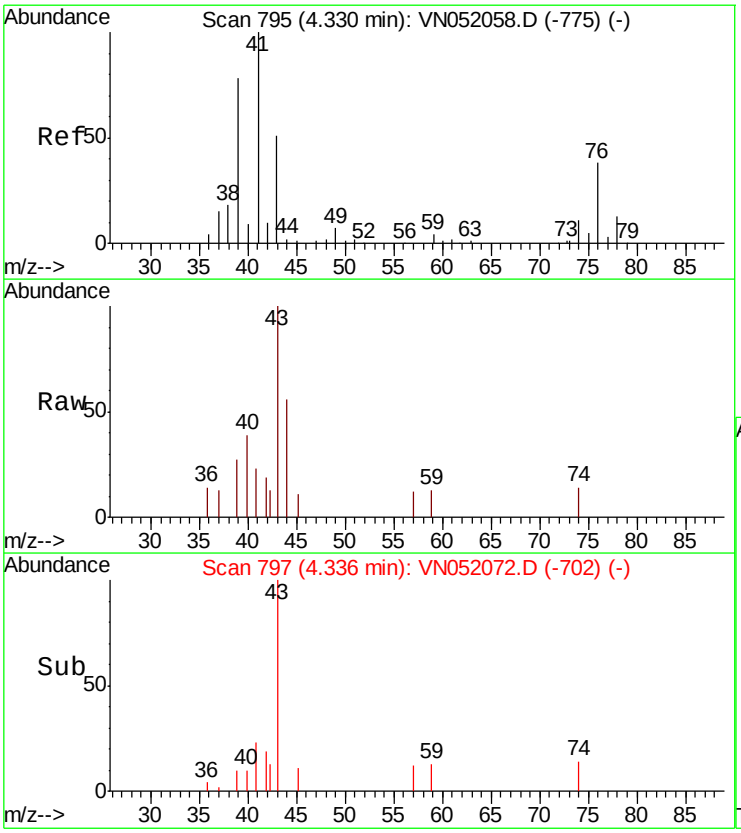
#16
Acetone
Concen: 2.314 ug/l
RT: 3.81 min Scan# 634
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2362

Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.2	36.2

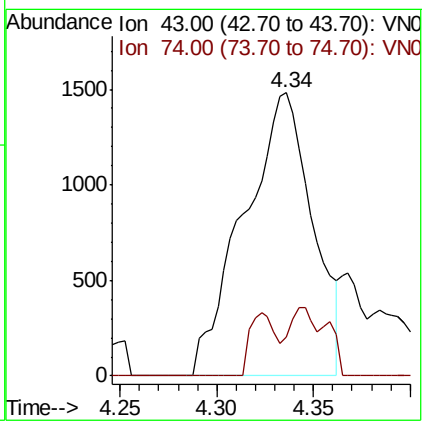


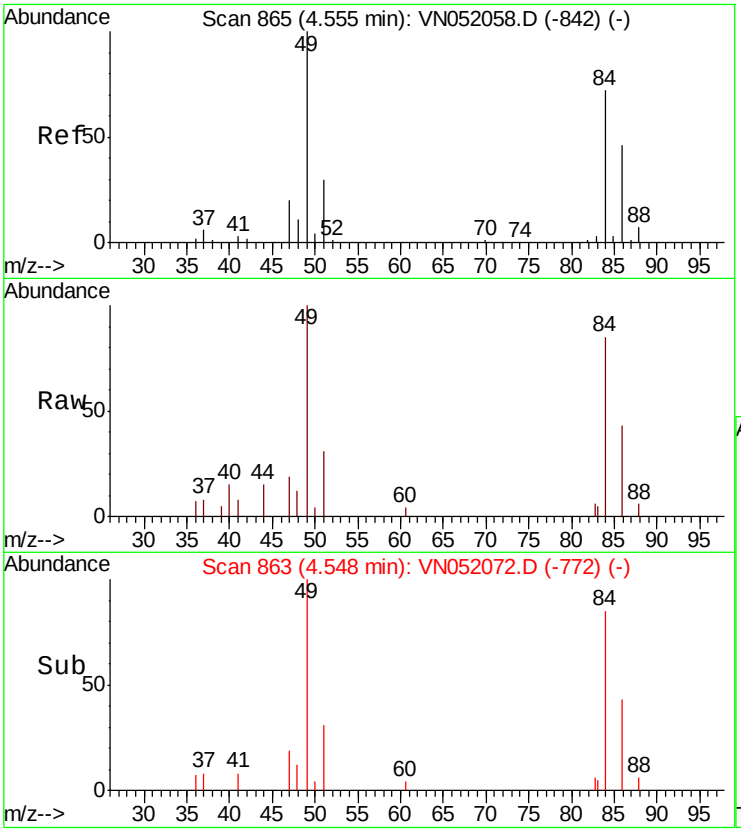


#18
Methyl Acetate
Concen: 1.125 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 43 Resp: 3656

Ion	Ratio	Lower	Upper
43	100		
74	13.2	17.9	26.9#



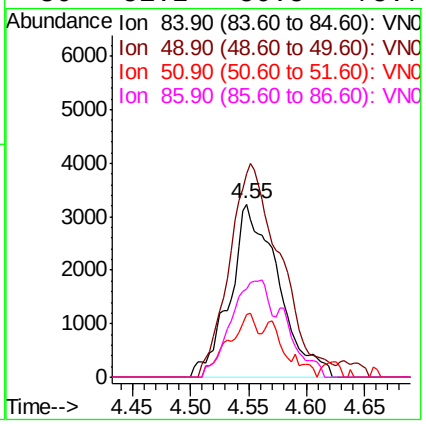


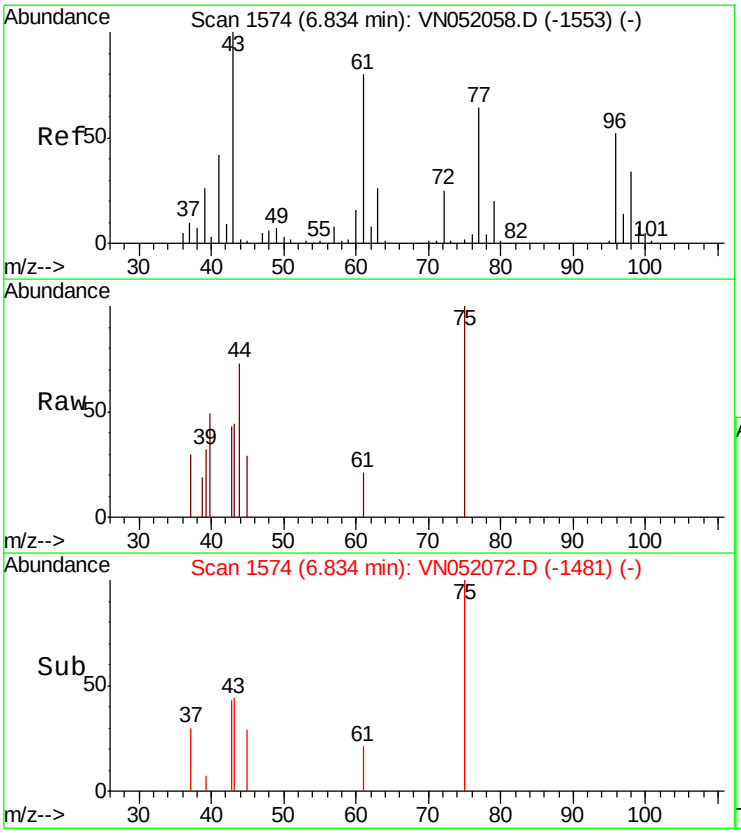
#20
Methylene Chloride
Concen: 2.399 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 9329

Ion	Ratio	Lower	Upper
84	100		
49	118.0	110.6	165.8
51	36.2	33.7	50.5
86	51.2	50.5	75.7

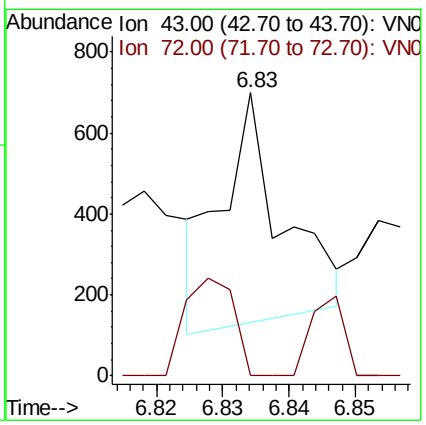


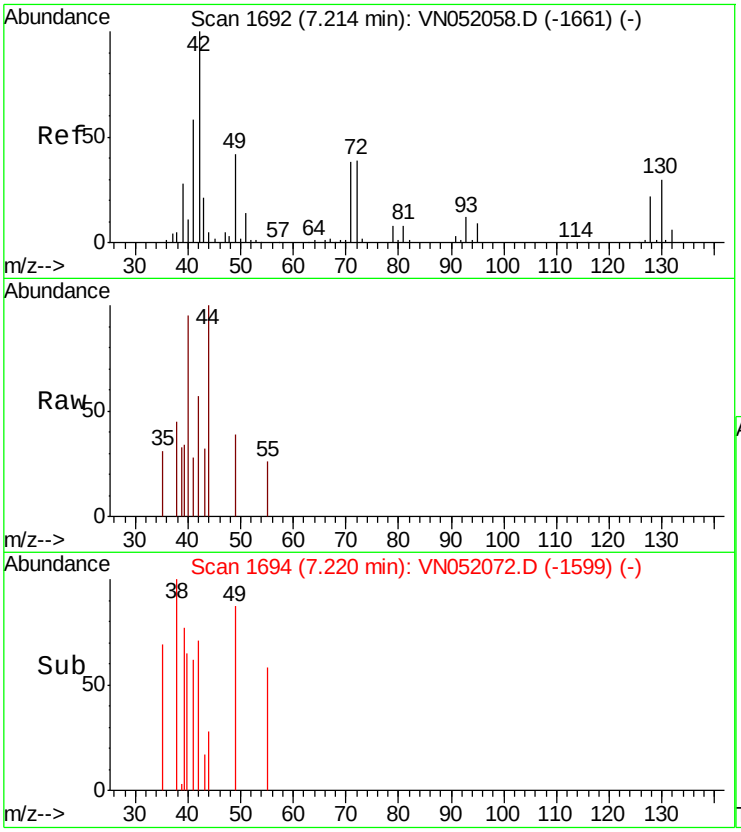


#25
2-Butanone
Concen: 0.226 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 43 Resp: 362

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.2#



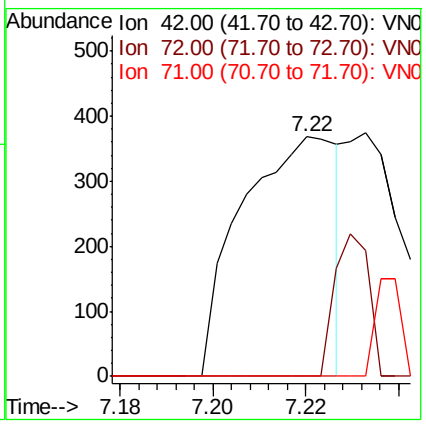


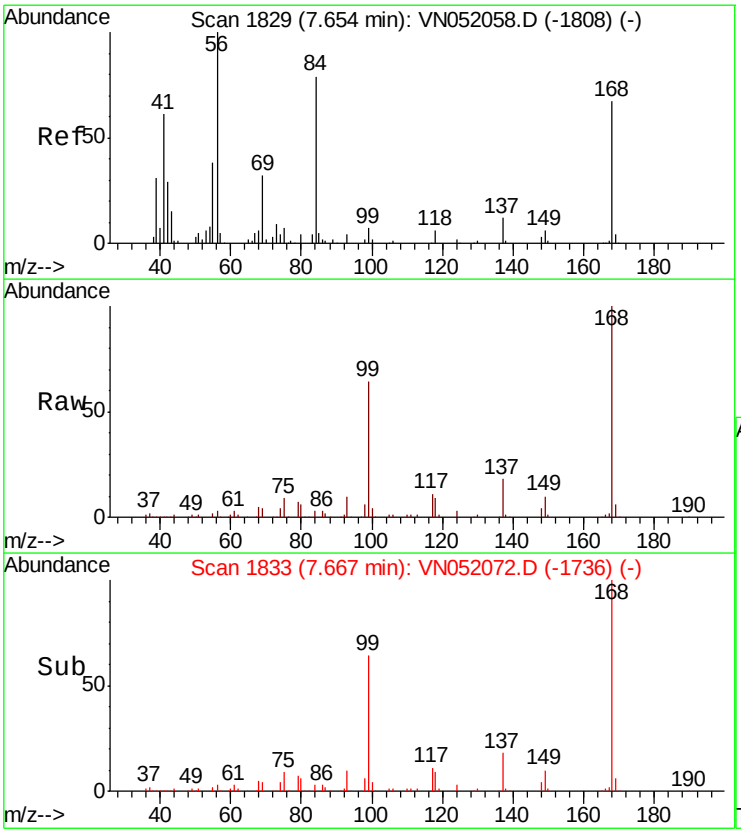
#29
Tetrahydrofuran
Concen: 0.495 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 528

Ion	Ratio	Lower	Upper
42	100		
72	21.0	32.5	48.7#
71	11.0	30.6	46.0#

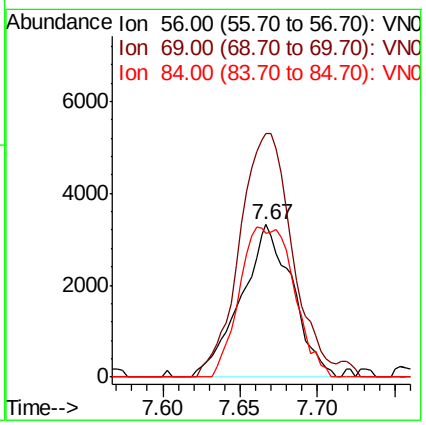


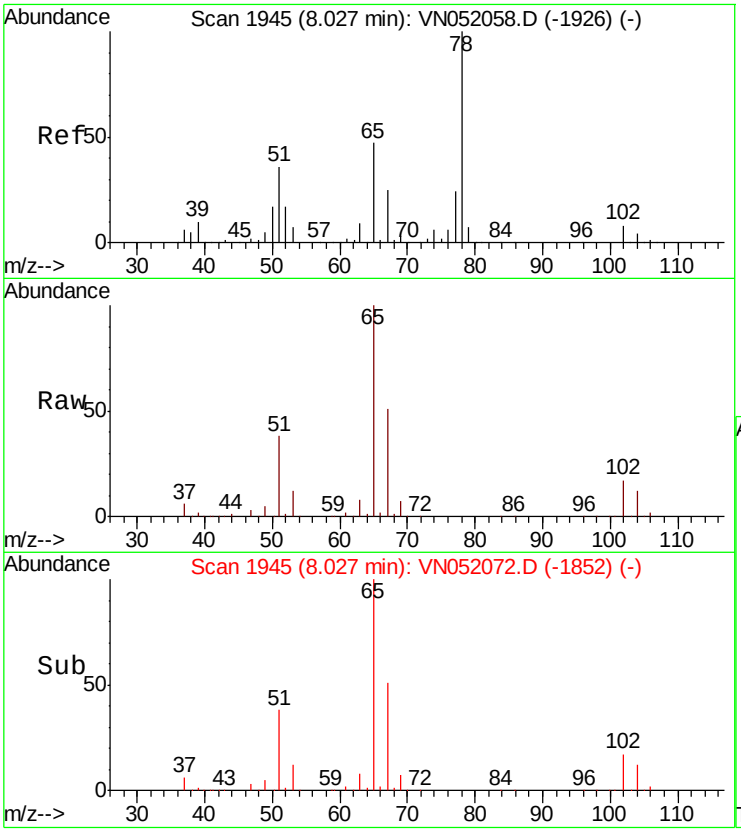


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 56 Resp: 7715

Ion	Ratio	Lower	Upper
56	100		
69	159.5	25.8	38.6#
84	94.4	63.5	95.3



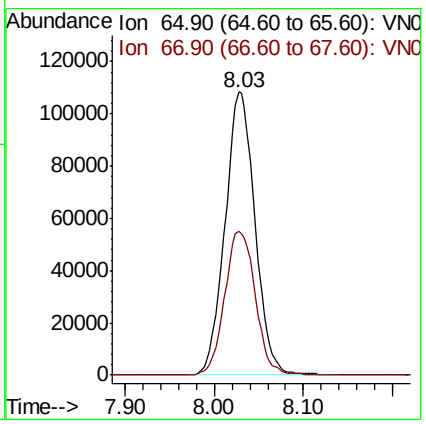


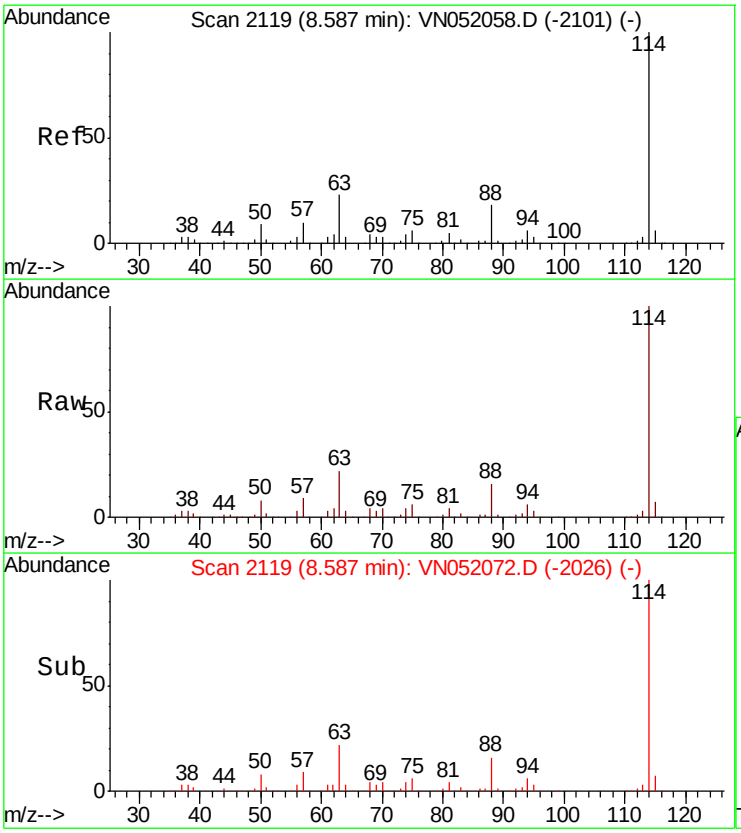
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 252039

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.2

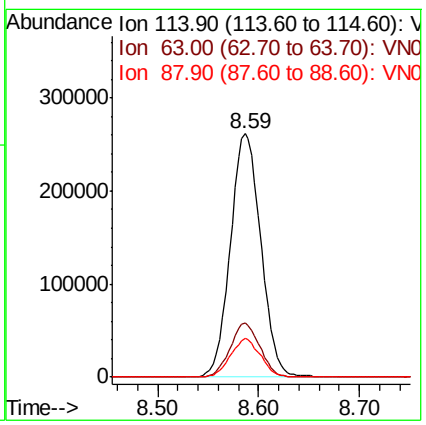


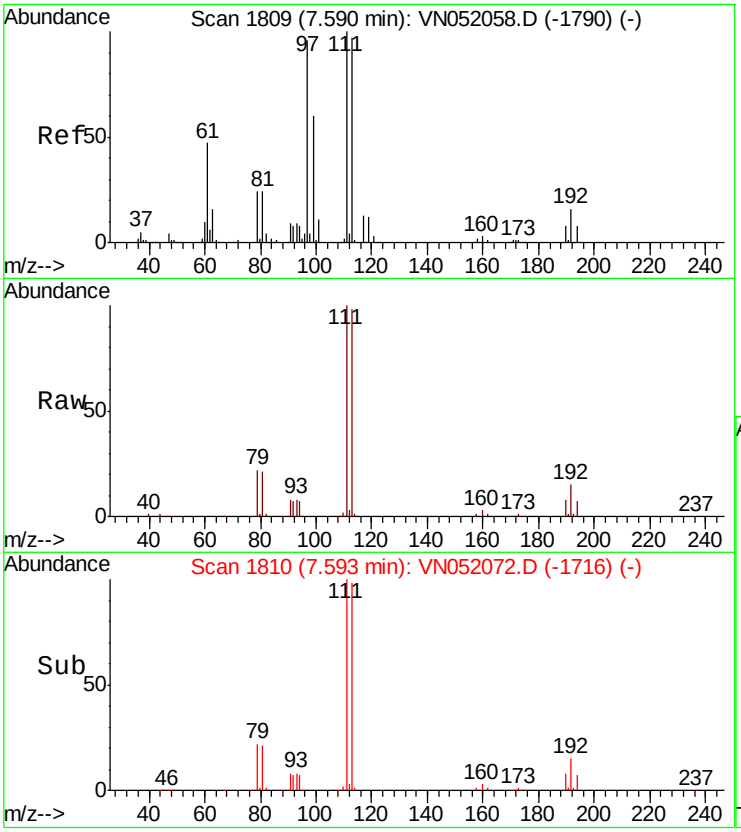


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion:114 Resp: 548853

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.0
88	15.7	0.0	35.4



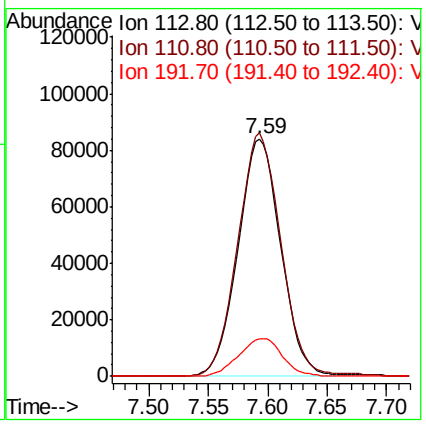


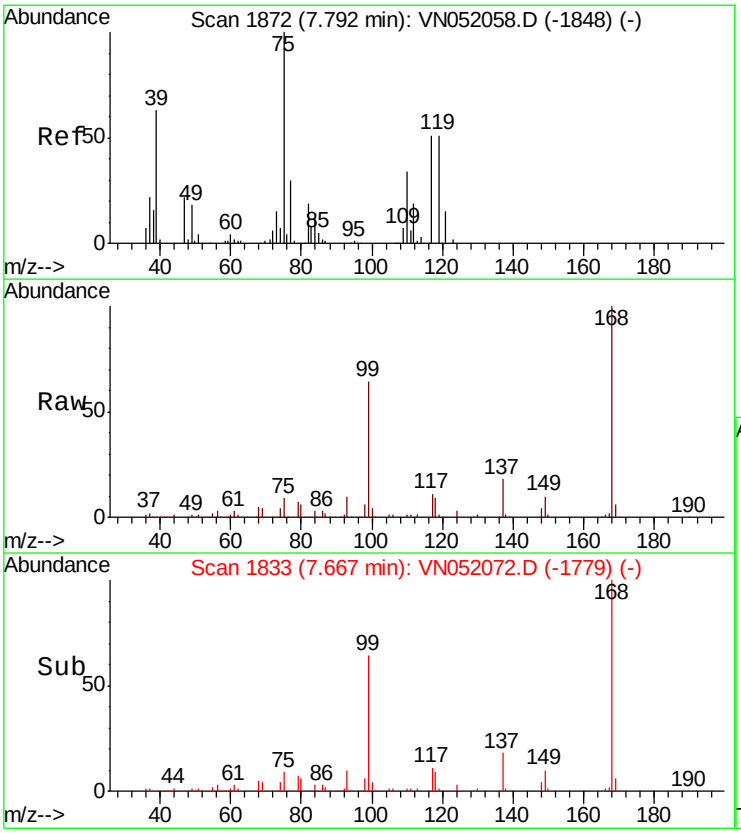
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 208851

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	16.3	12.7	19.1

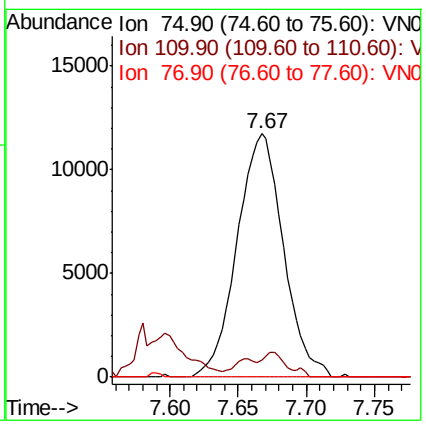


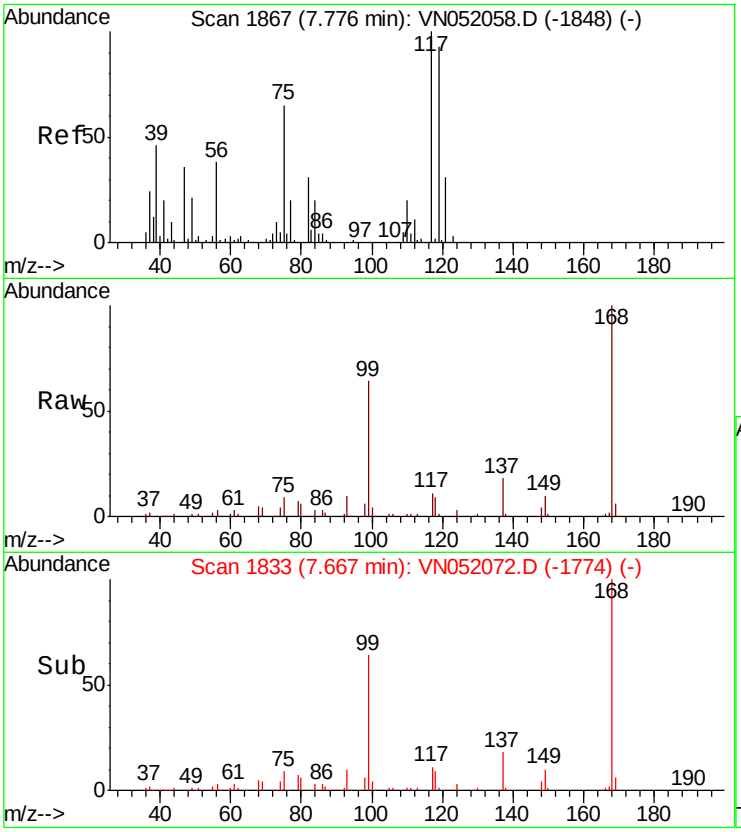


#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 75 Resp: 27648

Ion	Ratio	Lower	Upper
75	100		
110	5.4	16.0	48.0#
77	0.0	24.5	36.7#



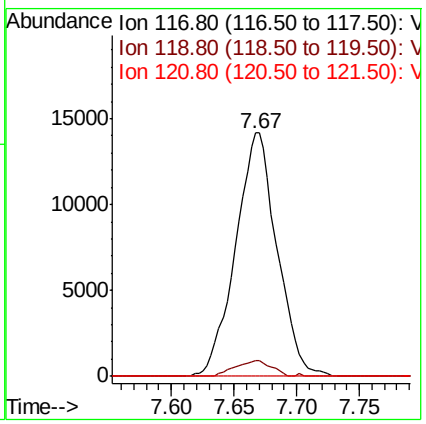


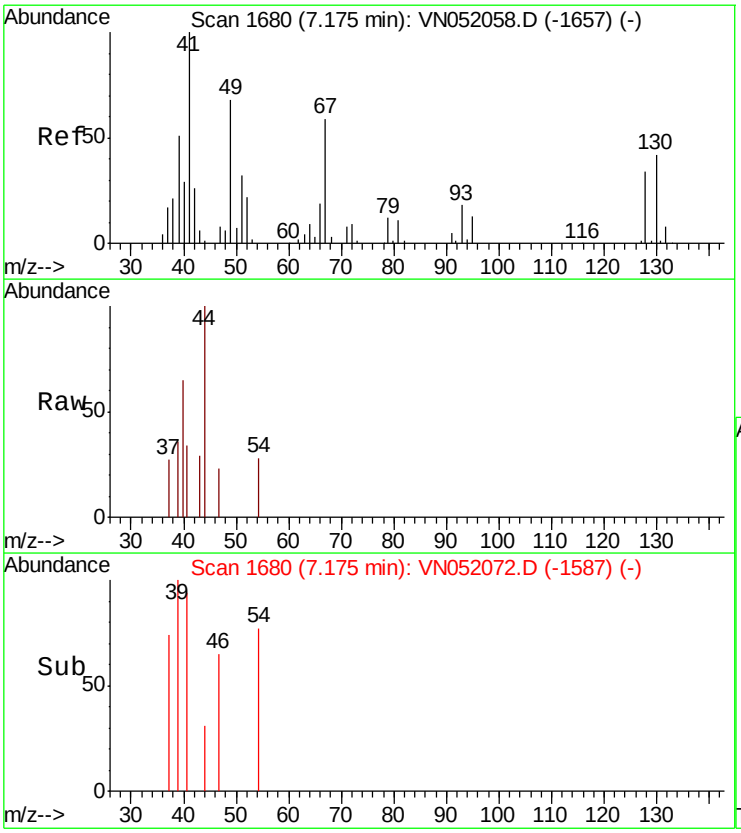
#38
Carbon Tetrachloride
Concen: 6.771 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 32583

Ion	Ratio	Lower	Upper
117	100		
119	6.6	74.8	112.2#
121	0.0	25.1	37.7#

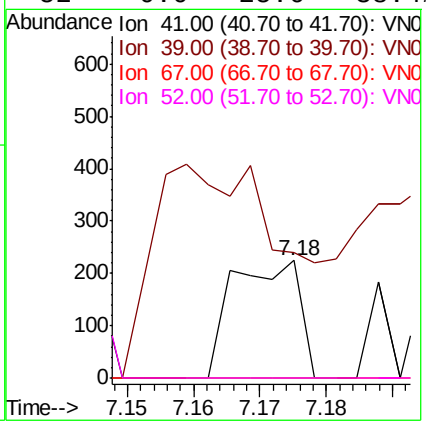


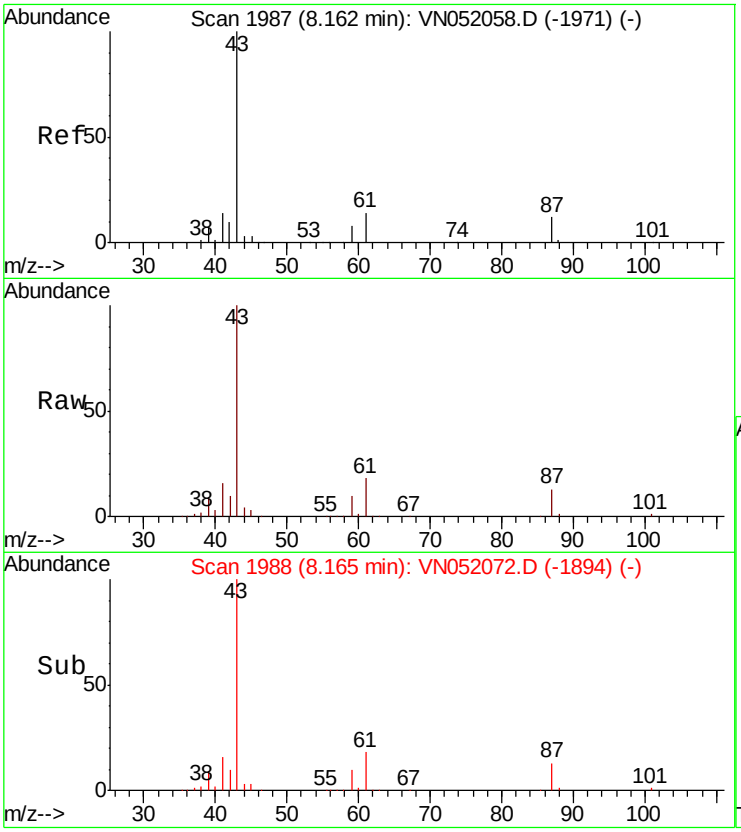


#41
Methacrylonitrile
Concen: 0.224 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 41 Resp: 157

Ion	Ratio	Lower	Upper
41	100		
39	0.0	33.2	49.8#
67	0.0	63.5	95.3#
52	0.0	25.6	38.4#



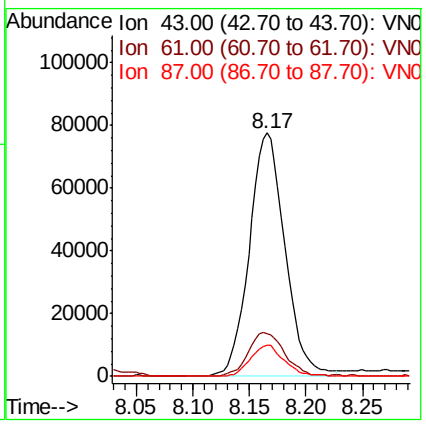


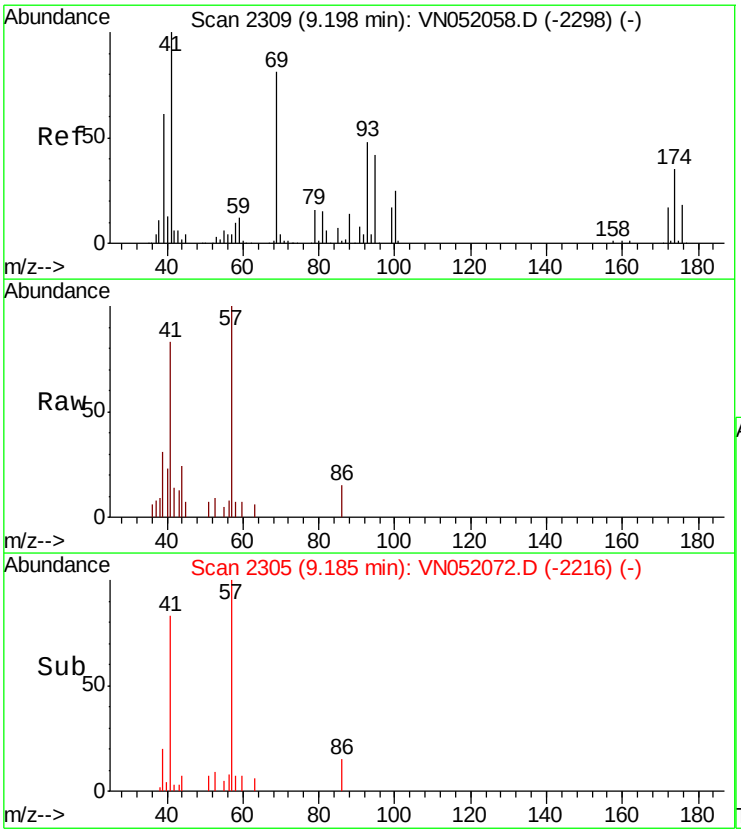
#43
Isopropyl Acetate
Concen: 25.556 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 169789

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.4	23.0
87	12.2	9.8	14.8

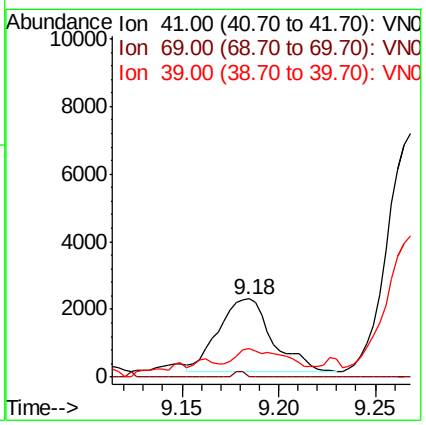


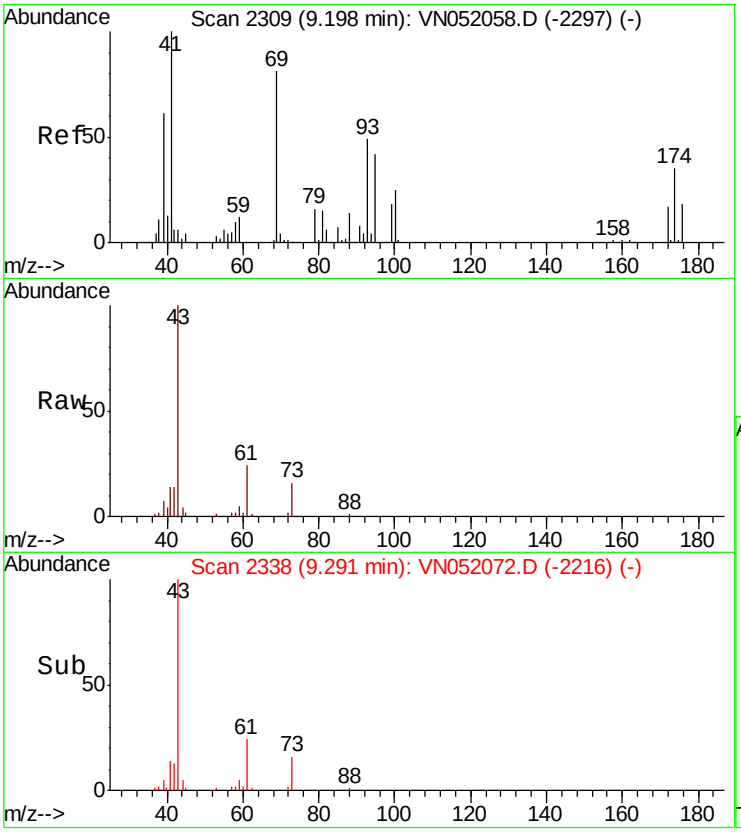


#48
Methyl methacrylate
Concen: 1.223 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 41 Resp: 4120

Ion	Ratio	Lower	Upper
41	100		
69	1.4	67.1	100.7#
39	30.3	50.5	75.7#



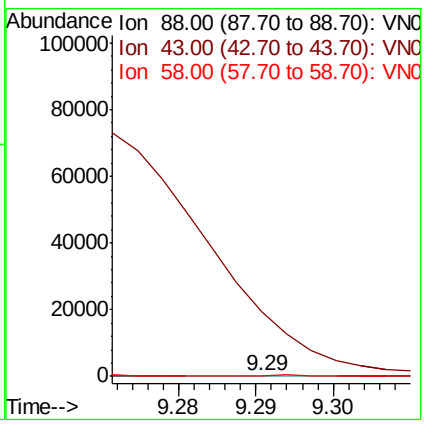


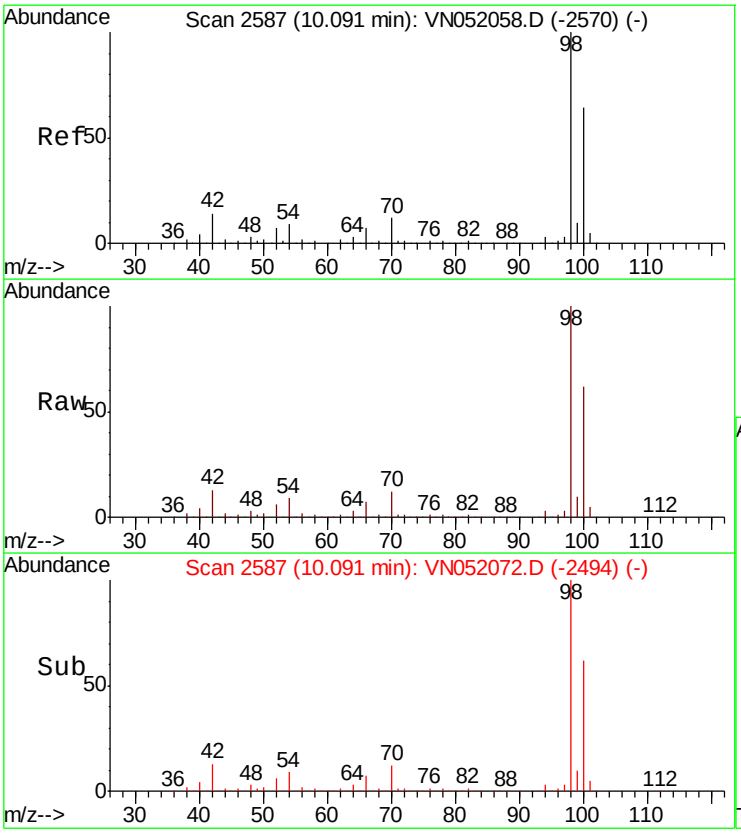
#49
1,4-Dioxane
Concen: 28.685 ug/l
RT: 9.29 min Scan# 2338
Delta R.T. 0.09 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 105

Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.1	51.1#
58	261.0	62.8	94.2#

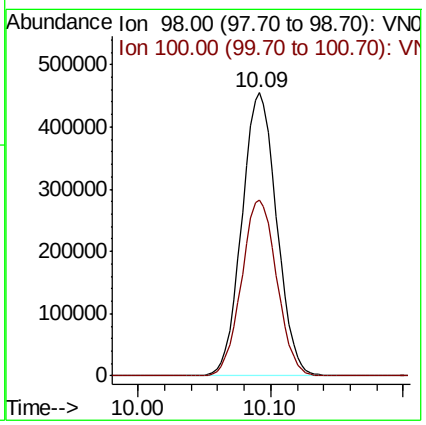


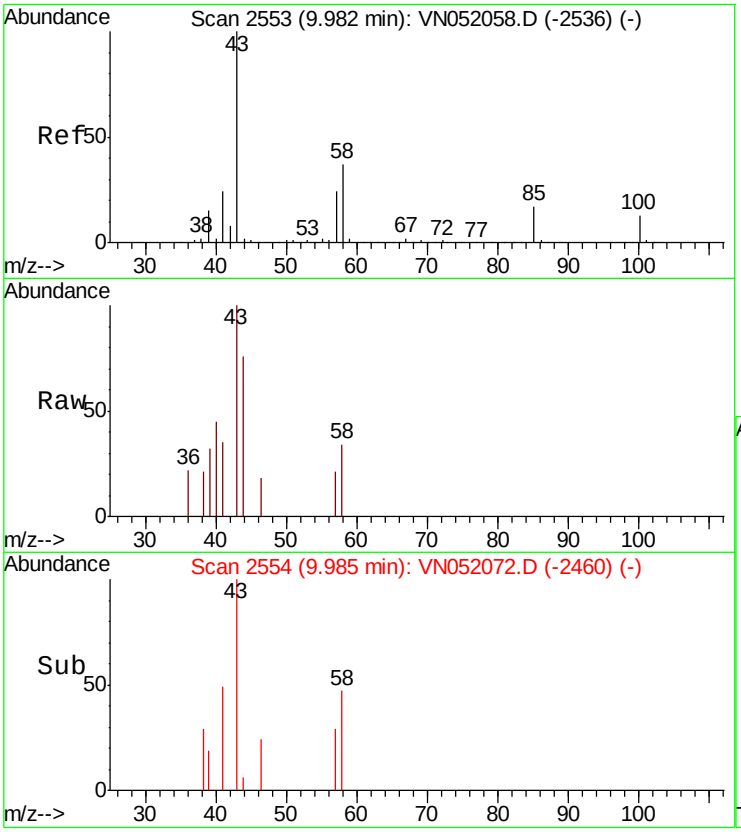


#50
Toluene-d8
Concen: 28.685 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 98 Resp: 828757

Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.4	77.2



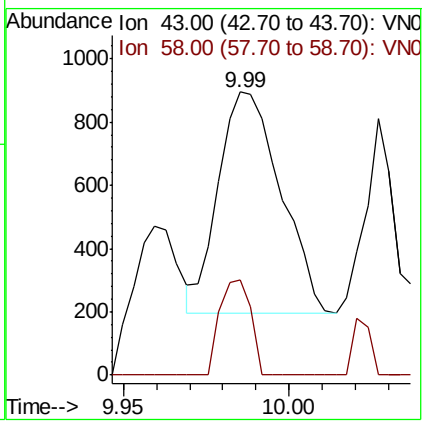


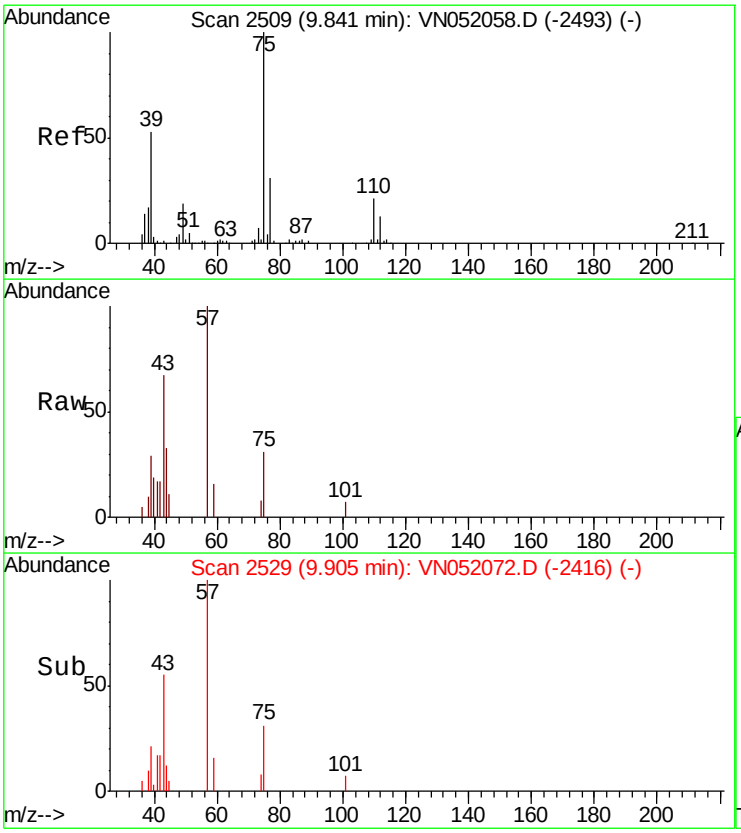
#51
4-Methyl-2-Pentanone
Concen: 0.253 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 915

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#

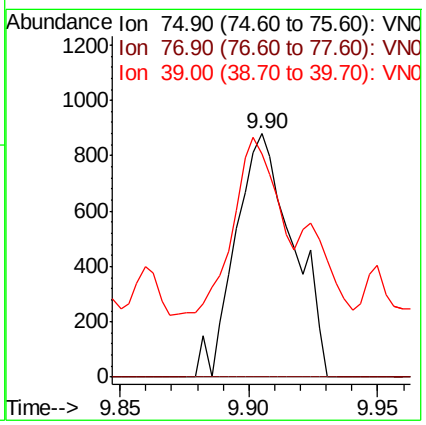


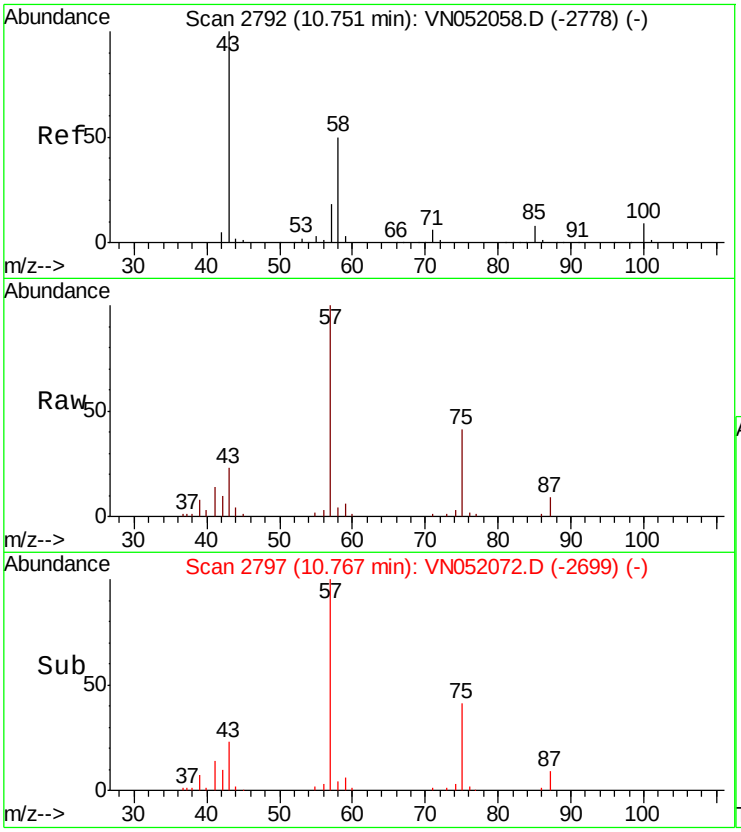


#54
cis-1,3-Dichloropropene
Concen: 0.217 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 75 Resp: 1365

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	65.1	42.3	63.5#



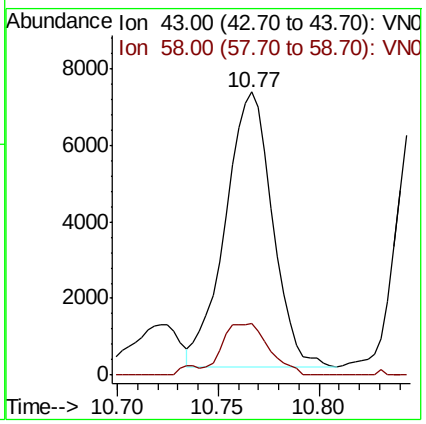


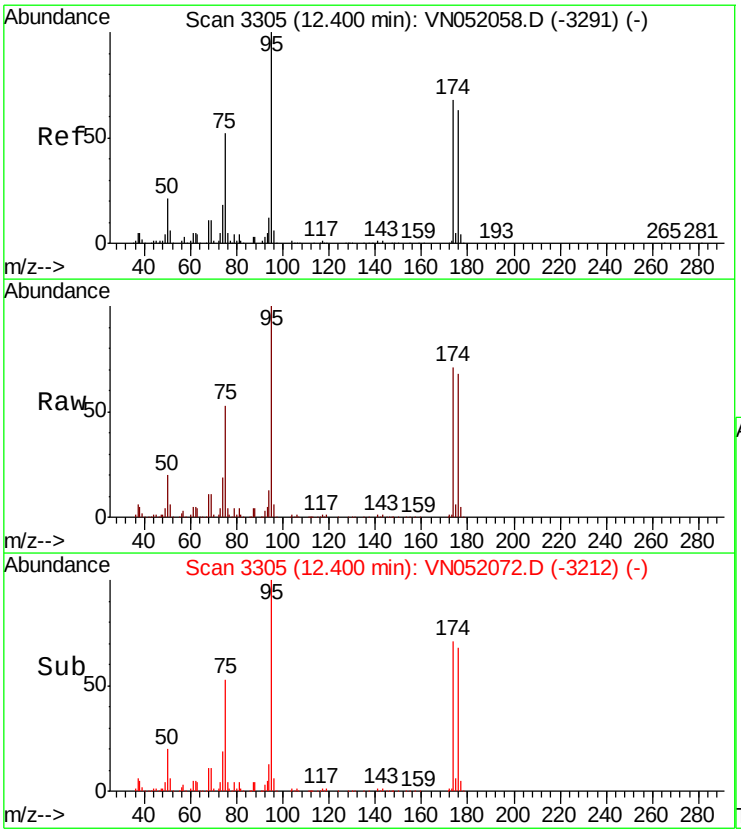
#59
2-Hexanone
Concen: 4.552 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 11713

Ion	Ratio	Lower	Upper
43	100		
58	18.8	25.2	75.6#

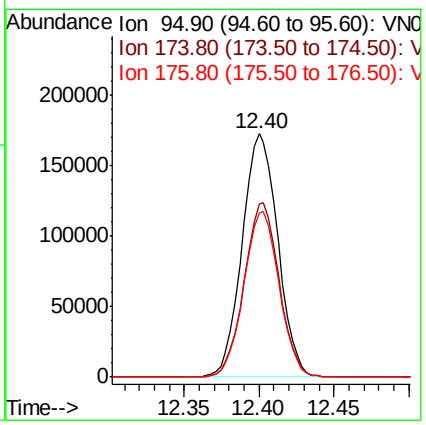


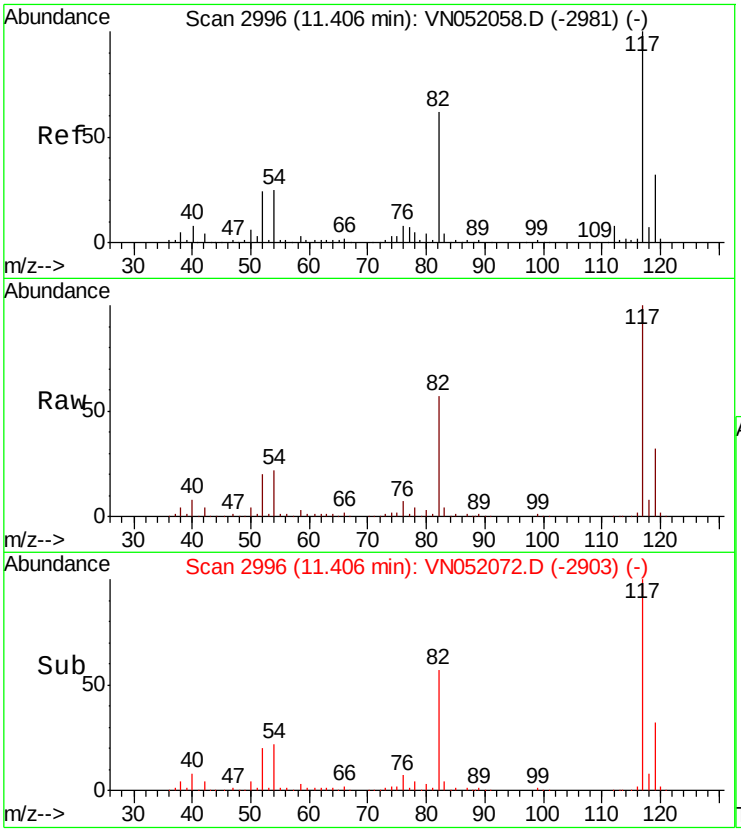


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 95 Resp: 286297

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	131.8
176	67.5	0.0	126.0



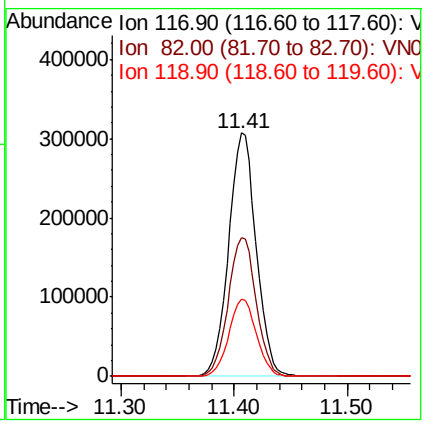


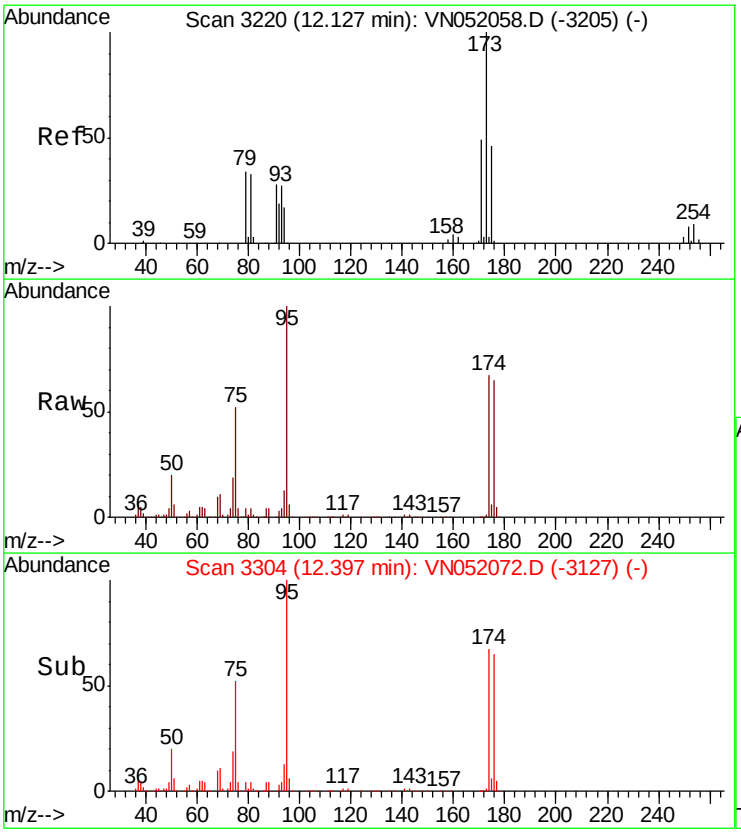
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 519178

Ion	Ratio	Lower	Upper
117	100		
82	57.2	49.9	74.9
119	31.8	25.7	38.5

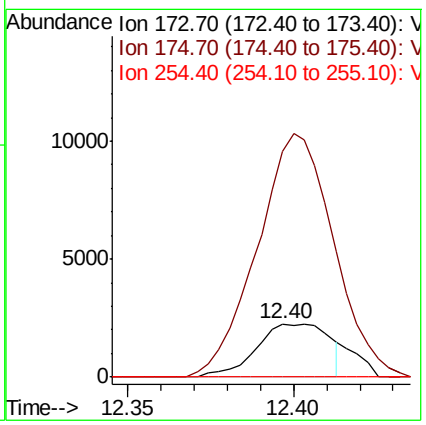


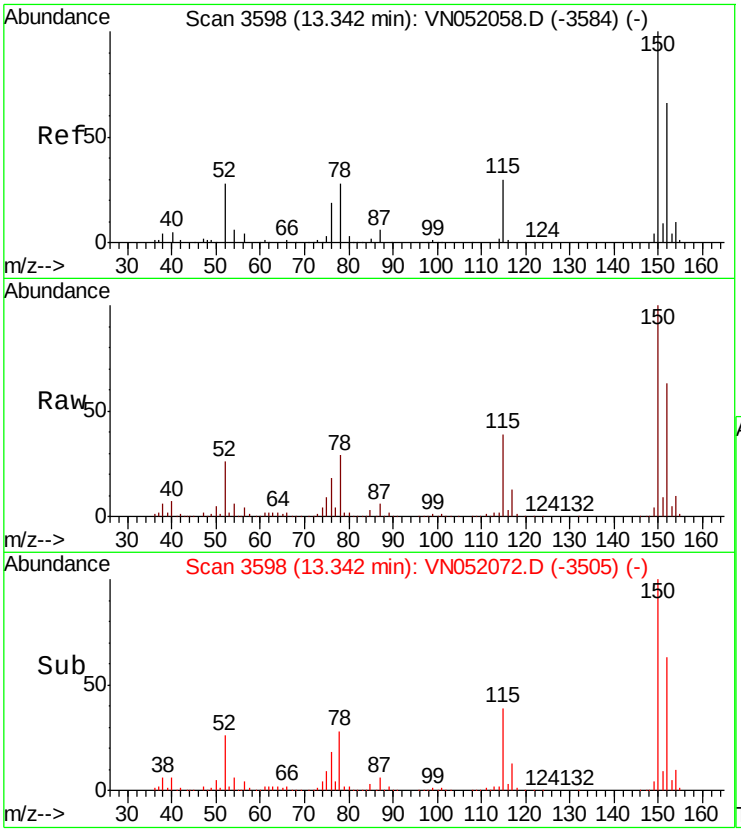


#71
Bromoform
Concen: 3.683 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion:173 Resp: 3473

Ion	Ratio	Lower	Upper
173	100		
175	431.0	23.9	71.7#
254	0.0	0.0	0.0



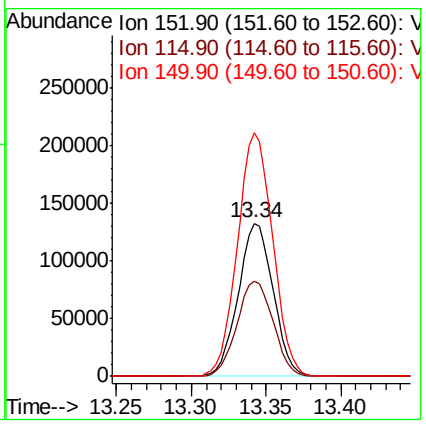


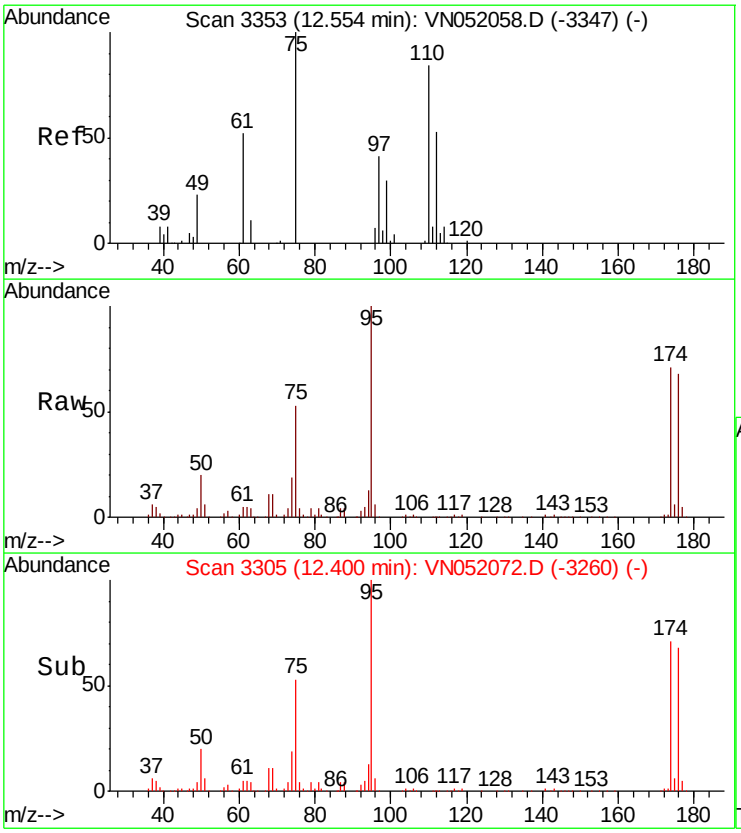
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 215112

Ion	Ratio	Lower	Upper
152	100		
115	64.4	31.6	95.0
150	160.6	0.0	345.0

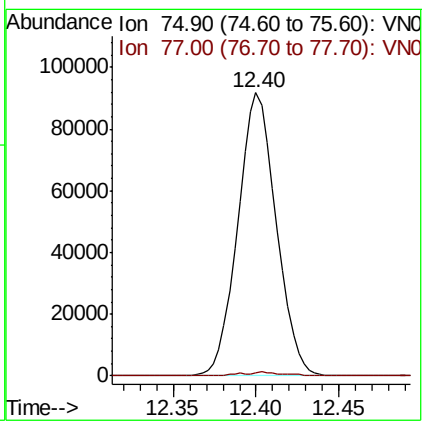


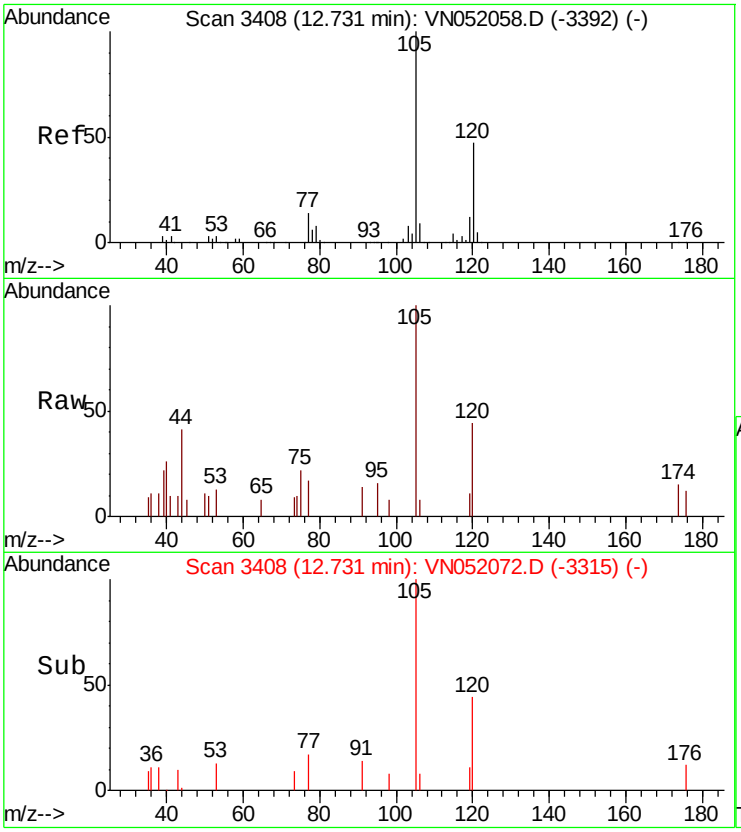


#76
1,2,3-Trichloropropane
Concen: 37.407 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 75 Resp: 147300

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



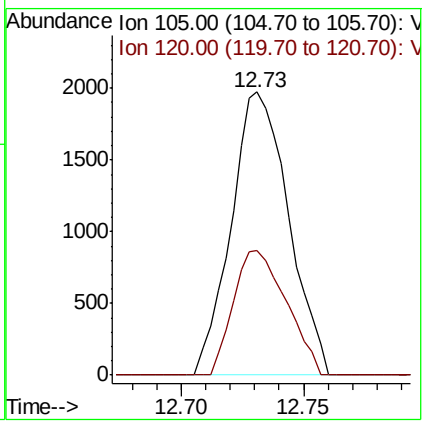


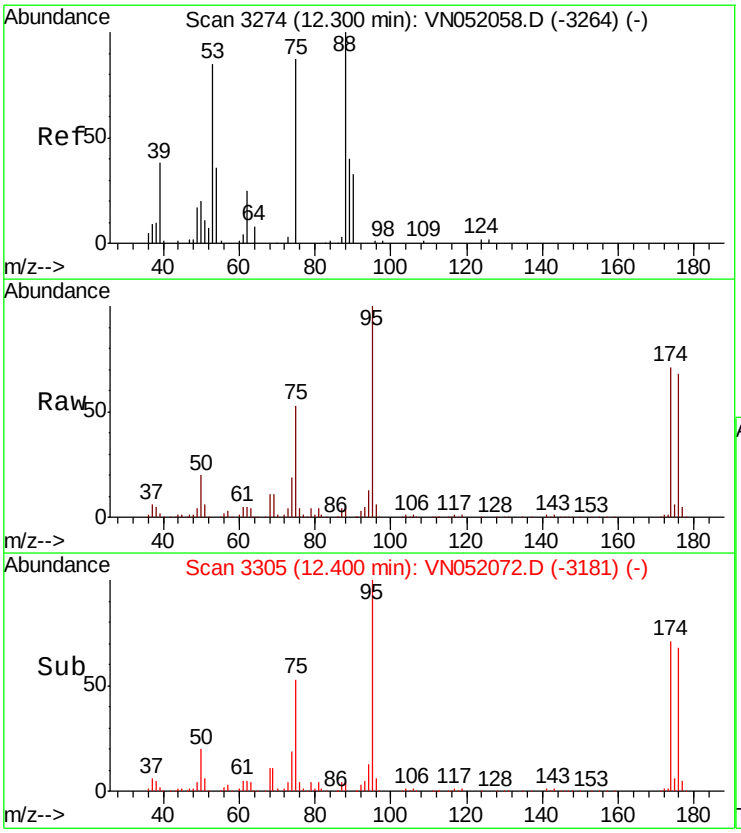
#80
1,3,5-Trimethylbenzene
Concen: 0.215 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 3218

Ion	Ratio	Lower	Upper
105	100		
120	40.6	23.4	70.0

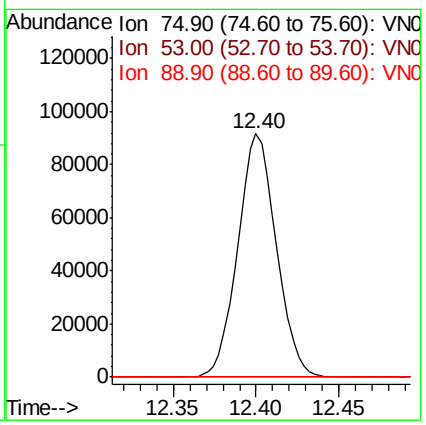


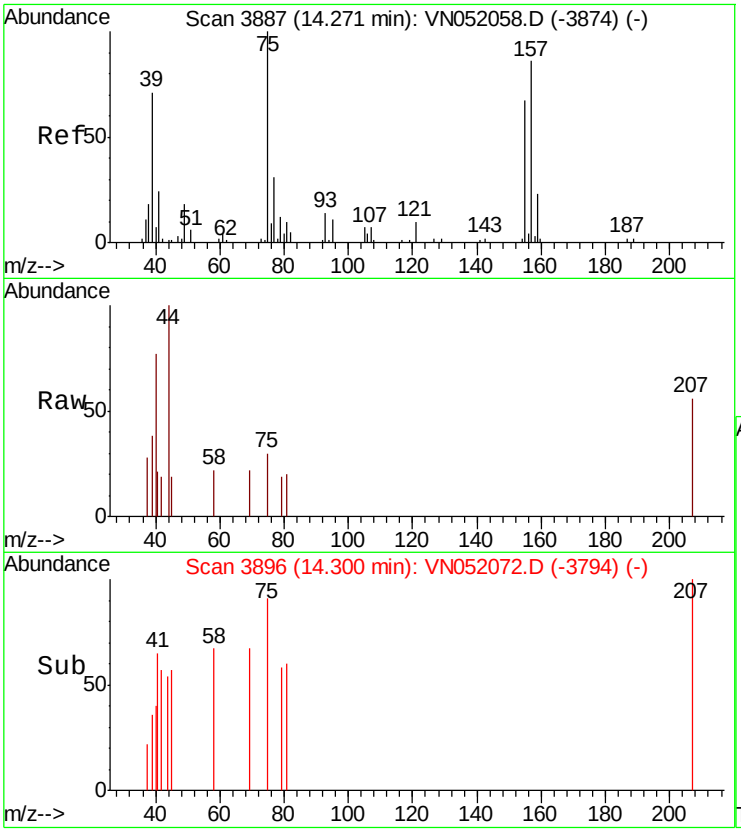


#81
trans-1,4-Dichloro-2-butene
Concen: 124.161 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 75 Resp: 147300

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.8	122.6#
89	0.0	36.6	54.8#



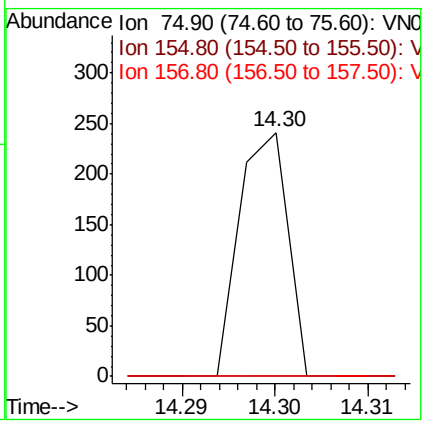


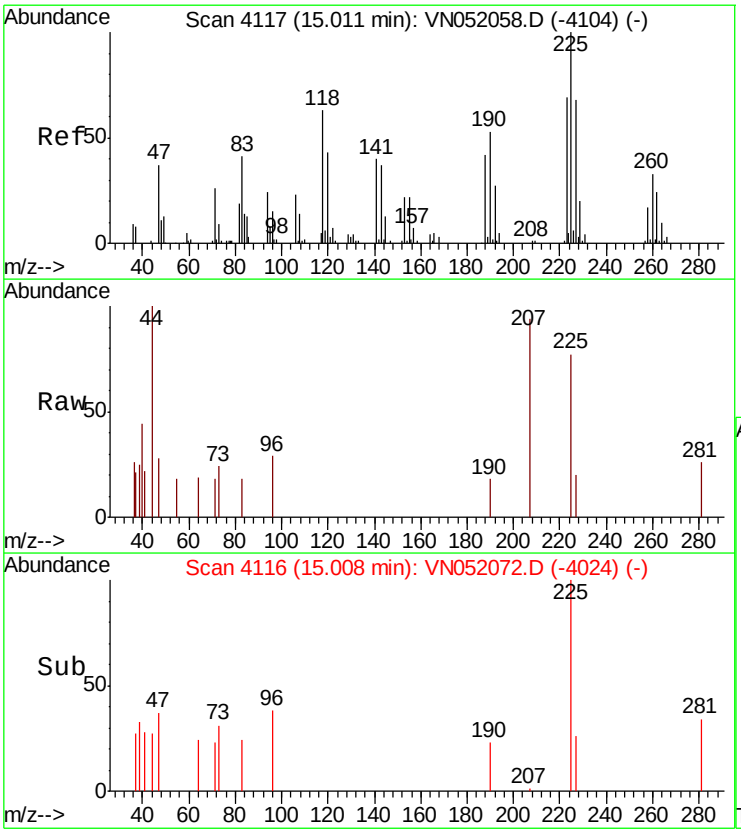
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.053 ug/l
RT: 14.30 min Scan# 3896
Delta R.T. 0.03 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 87

Ion	Ratio	Lower	Upper
75	100		
155	0.0	34.0	102.0#
157	0.0	42.1	126.4#

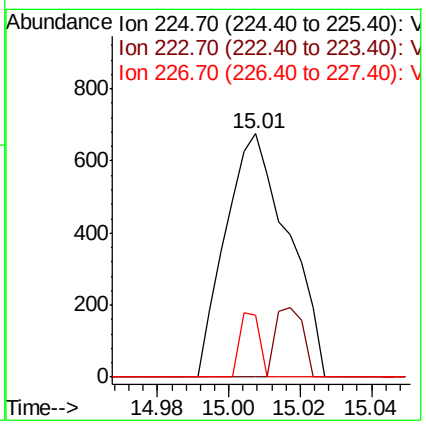


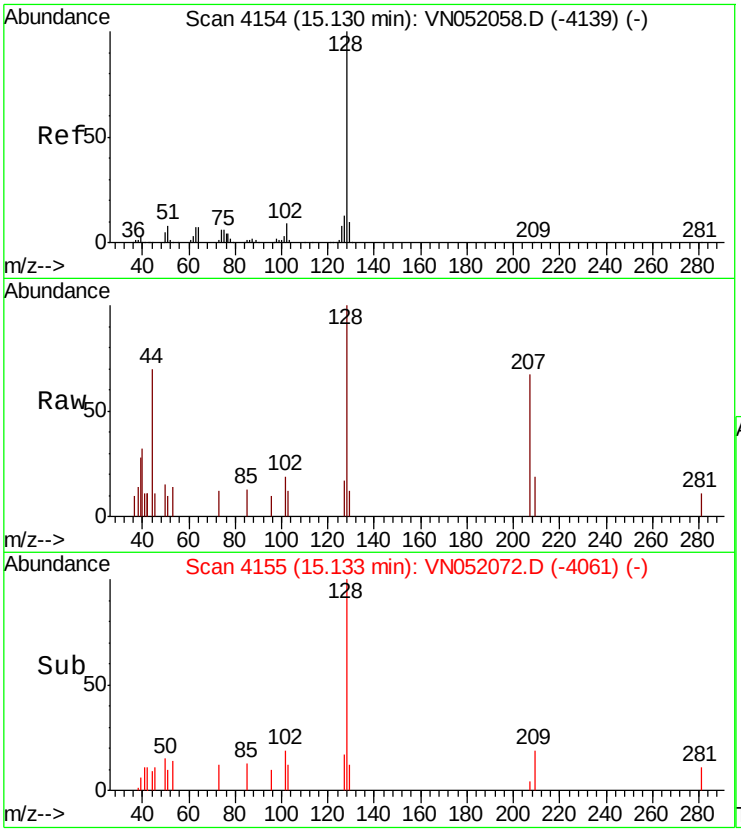


#94
Hexachlorobutadiene
Concen: 0.593 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion:225 Resp: 816

Ion	Ratio	Lower	Upper
225	100		
223	12.6	33.1	99.3#
227	8.3	32.6	97.8#



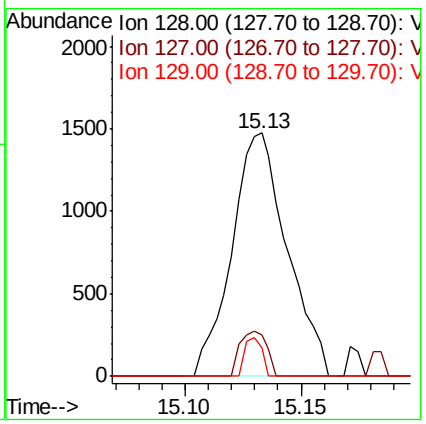


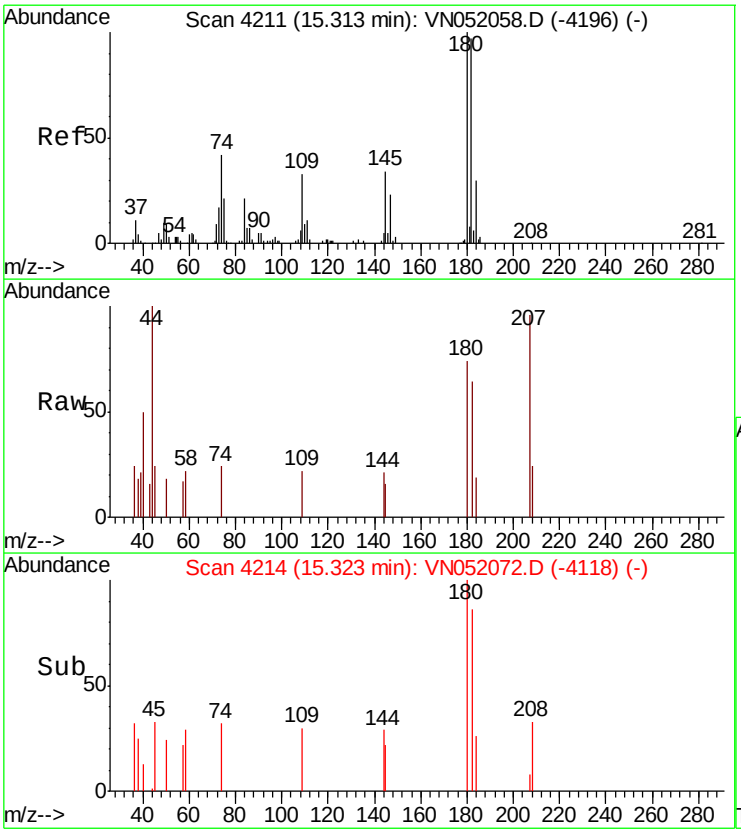
#95
Naphthalene
Concen: 0.397 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2445

Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.5	15.7#
129	4.9	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.545 ug/l
RT: 15.32 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion:180 Resp: 1155

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.2	141.6#
145	10.2	16.6	49.7#