Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102518\
Data File : VN052000.D
Acq On : 25 Oct 2018 9:53
Operator : MD\SY
Sample : VN1025WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Quant Time: Oct 26 01:08:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1163832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1668982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1591345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	736822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	584896	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.86%			
35) Dibromofluoromethane	7.59	113	618082	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.08%			
50) Toluene-d8	10.09	98	2295993	59.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.32%			
62) 4-Bromofluorobenzene	12.40	95	735026	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.14%			
Target Compounds						Qvalue
13) Acrolein	3.60	56	271	38.019	ug/l	94
15) Acrylonitrile	5.00	53	556	0.246	ug/l #	42
16) Acetone	3.82	43	706	0.413	ug/l #	41
17) Carbon Disulfide	4.05	76	5152	0.254	ug/l #	78
18) Methyl Acetate	4.33	43	220	Below Cal	#	18
31) Cyclohexane	7.66	56	17027	Below Cal	#	17
36) 1,1-Dichloropropene	7.66	75	65726	5.134	ug/l #	47
37) Ethyl Acetate	6.92	43	98	Below Cal	#	64
38) Carbon Tetrachloride	7.66	117	100849	6.862	ug/l #	16
49) 1,4-Dioxane	9.27	88	30	0.316	ug/l #	1
53) t-1,3-Dichloropropene	10.37	75	458	1.277	ug/l #	61
59) 2-Hexanone	10.76	43	1649	0.416	ug/l #	48
60) Dibromochloromethane	10.90	129	155	1.990	ug/l	99
71) Bromoform	12.40	173	6110	4.355	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	356525	46.844	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	356525	147.359	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	7844	0.203	ug/l	99
86) p-Isopropyltoluene	13.29	119	9621	0.231	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	8126	0.342	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	8126	0.347	ug/l	95
89) n-Butylbenzene	13.61	91	12443	0.375	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	10092	0.439	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	654	0.441	ug/l	77
93) 1,2,4-Trichlorobenzene	14.91	180	16179	1.190	ug/l	98
94) Hexachlorobutadiene	15.01	225	10611	1.519	ug/l	95
95) Naphthalene	15.14	128	27595	0.935	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	14666	1.129	ug/l	95

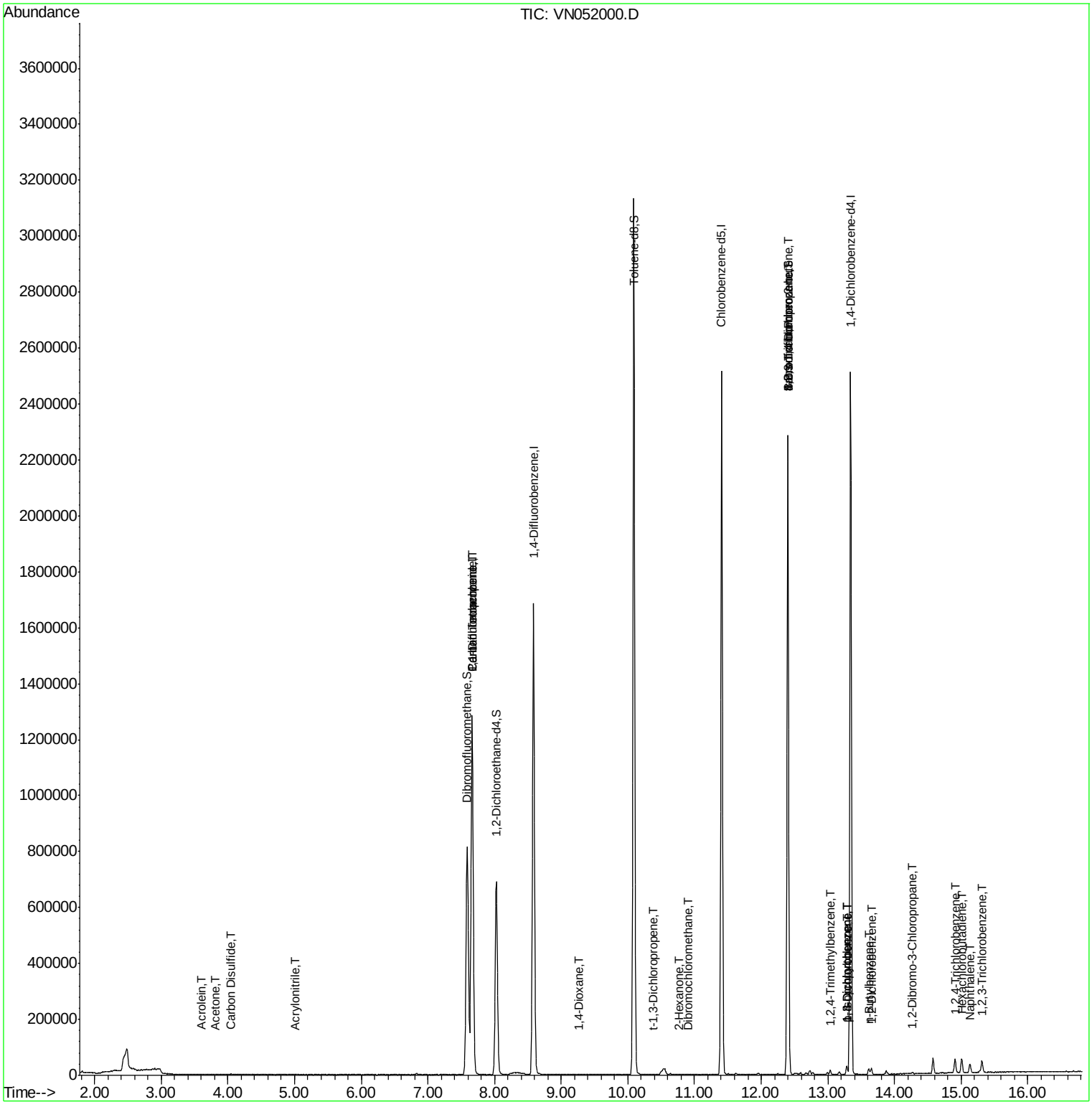
(#) = qualifier out of range (m) = manual integration (+) = signals summed

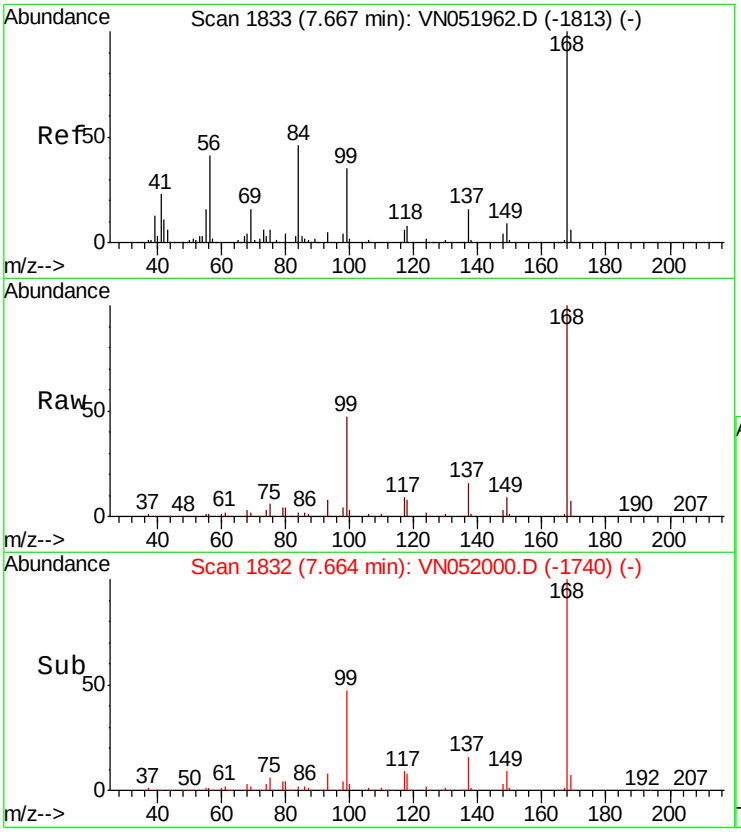
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102518\
Data File : VN052000.D
Acq On : 25 Oct 2018 9:53
Operator : MD\SY
Sample : VN1025WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Quant Time: Oct 26 01:08:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 2018
Response via : Initial Calibration



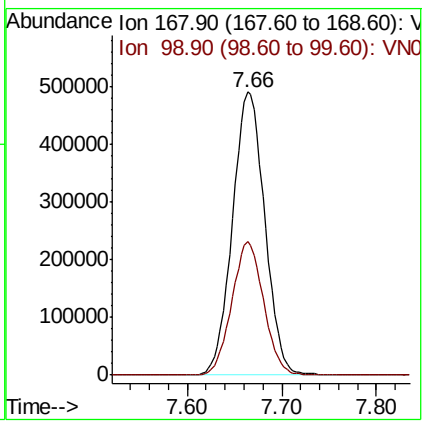


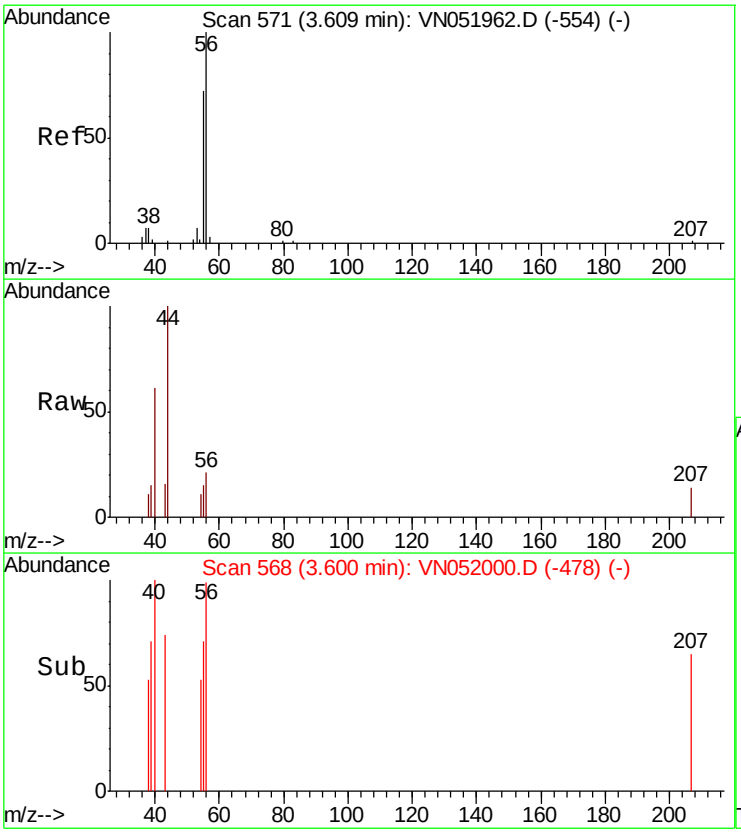
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tgt Ion:168 Resp: 1163832

Ion	Ratio	Lower	Upper
168	100		
99	47.1	37.8	56.6

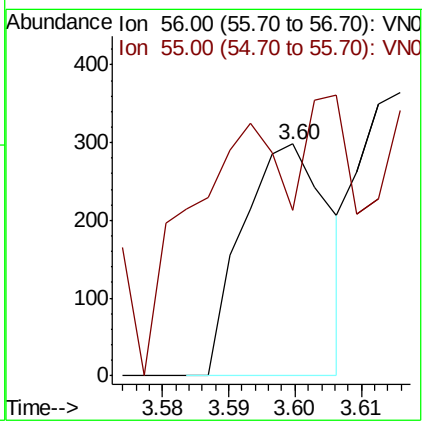


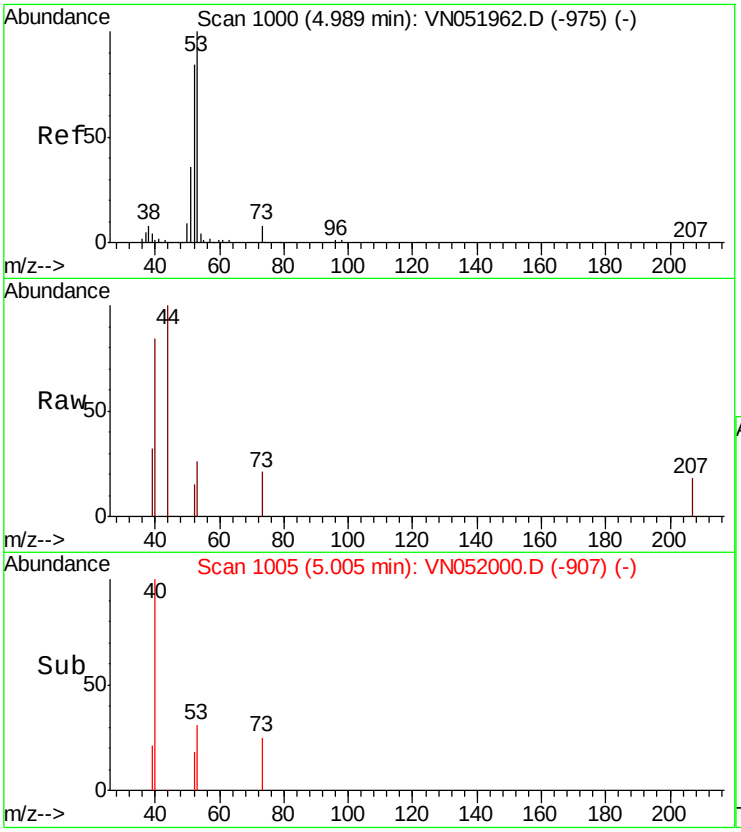


#13
Acrolein
Concen: 38.019 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion: 56 Resp: 271

Ion	Ratio	Lower	Upper
56	100		
55	65.7	56.6	84.8



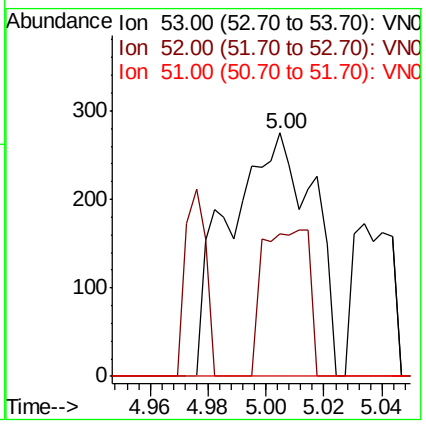


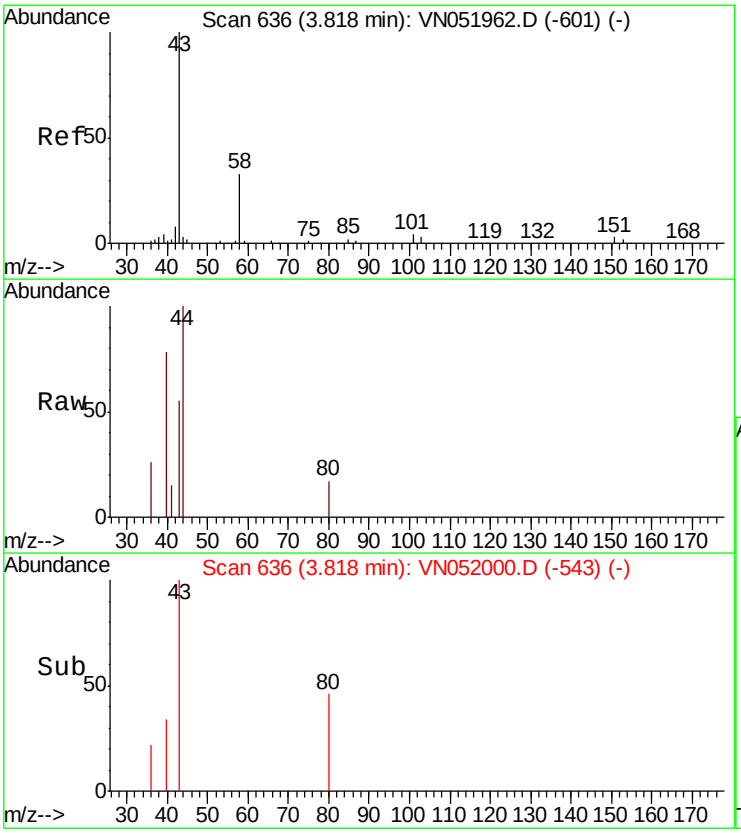
#15
Acrylonitrile
Concen: 0.246 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.02 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Tgt Ion: 53 Resp: 556

Ion	Ratio	Lower	Upper
53	100		
52	33.3	67.0	100.4#
51	0.0	29.5	44.3#

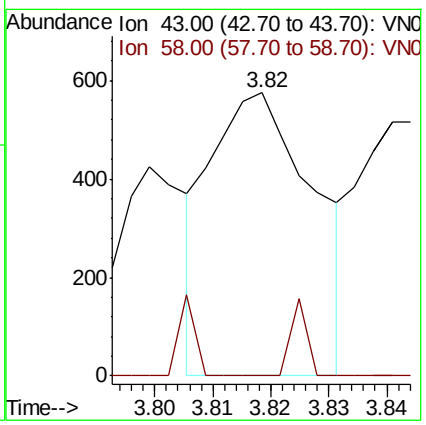


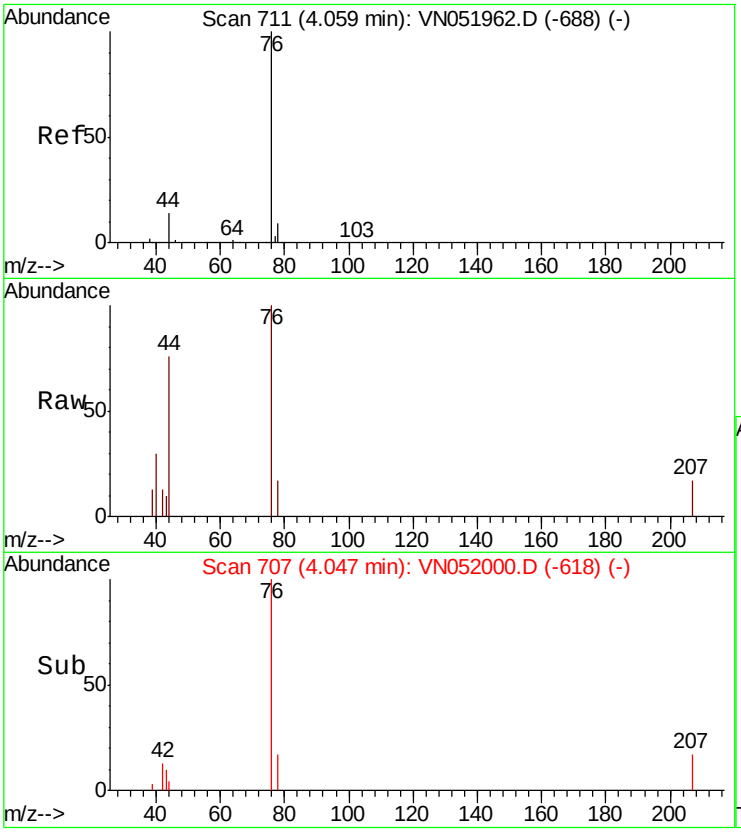


#16
Acetone
Concen: 0.413 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion: 43 Resp: 706

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#



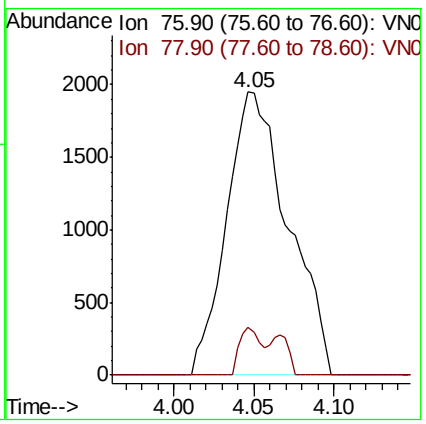


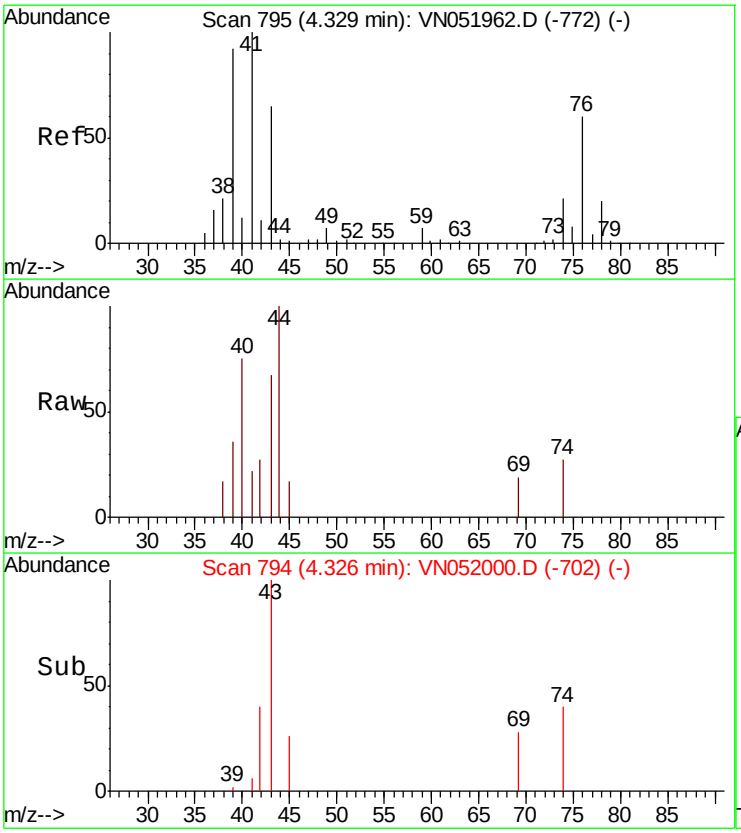
#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 4.05 min Scan# 707
Delta R.T. -0.01 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tgt Ion: 76 Resp: 5152

Ion	Ratio	Lower	Upper
76	100		
78	17.1	7.3	10.9#

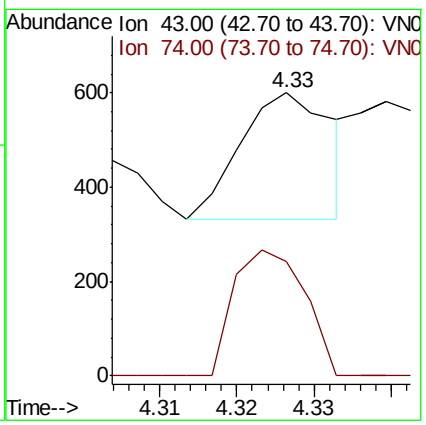


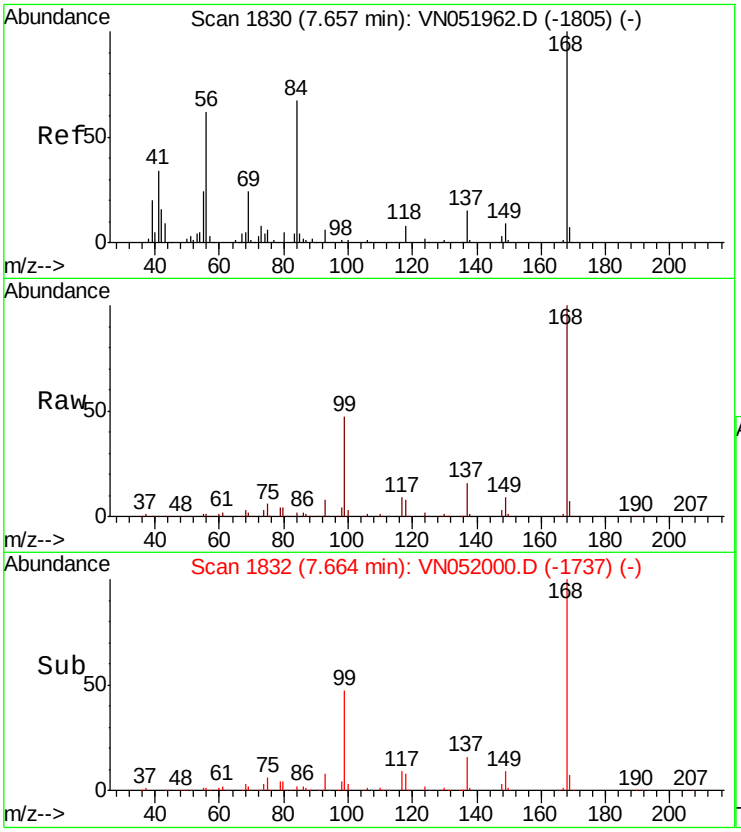


#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion: 43 Resp: 220

Ion	Ratio	Lower	Upper
43	100		
74	77.7	25.7	38.5#



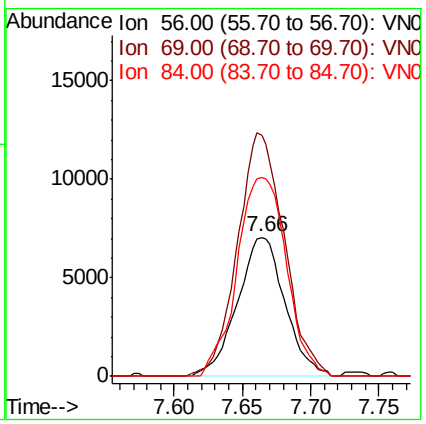


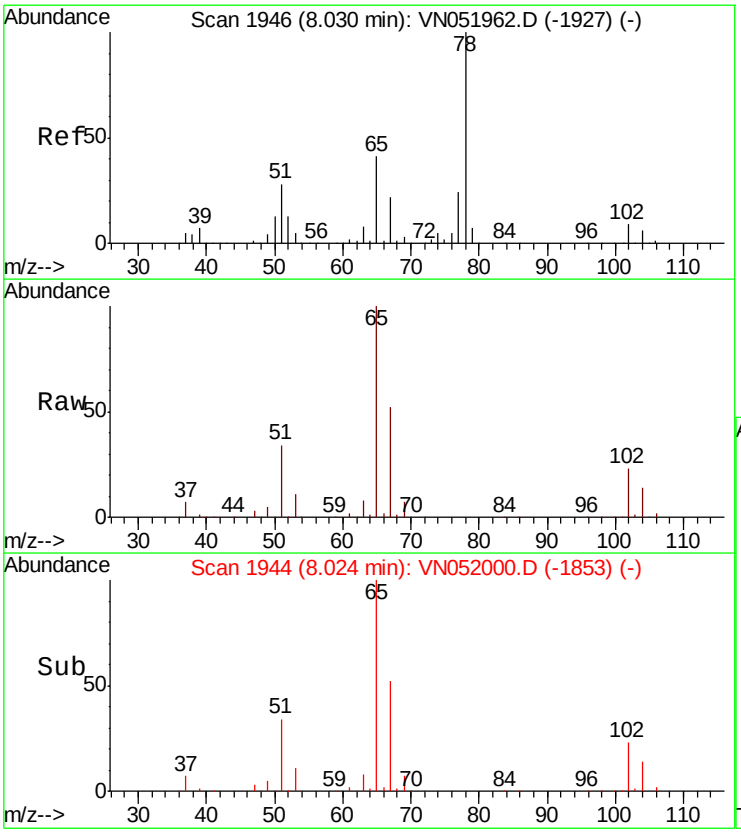
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Tgt Ion: 56 Resp: 17027

Ion	Ratio	Lower	Upper
56	100		
69	173.5	31.2	46.8#
84	143.3	86.3	129.5#

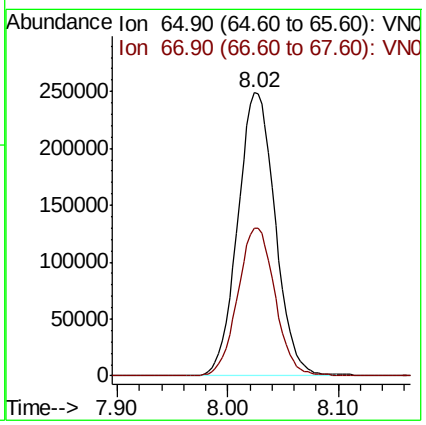


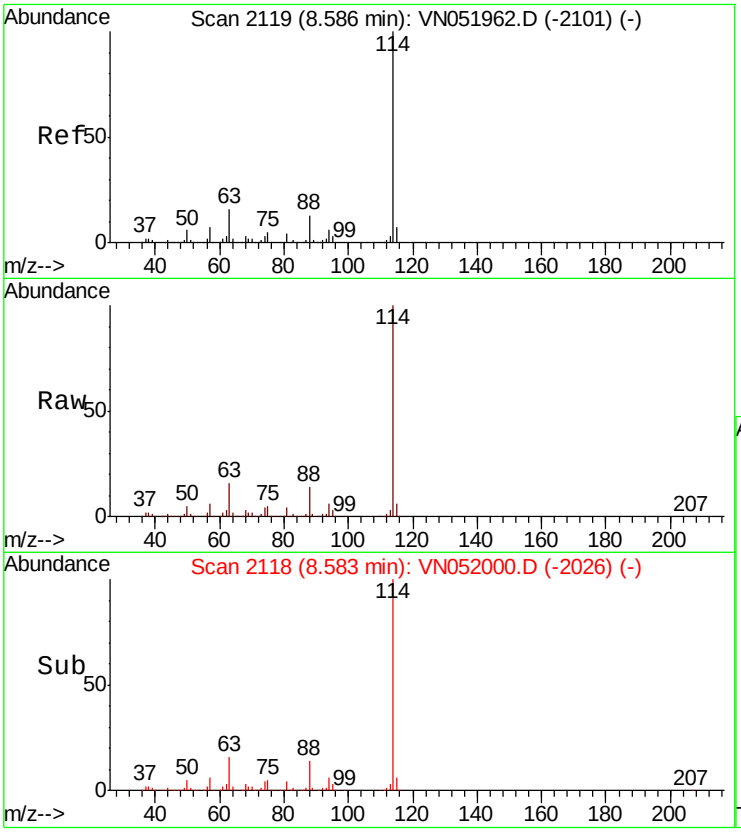


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.01 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion: 65 Resp: 584896

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.8



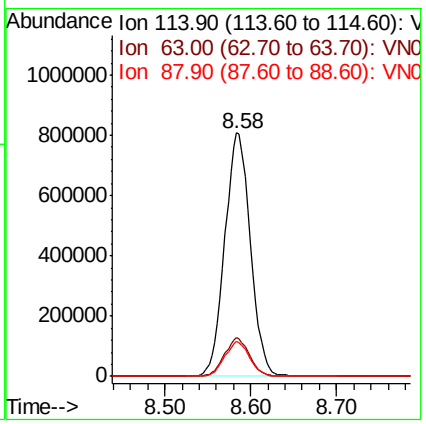


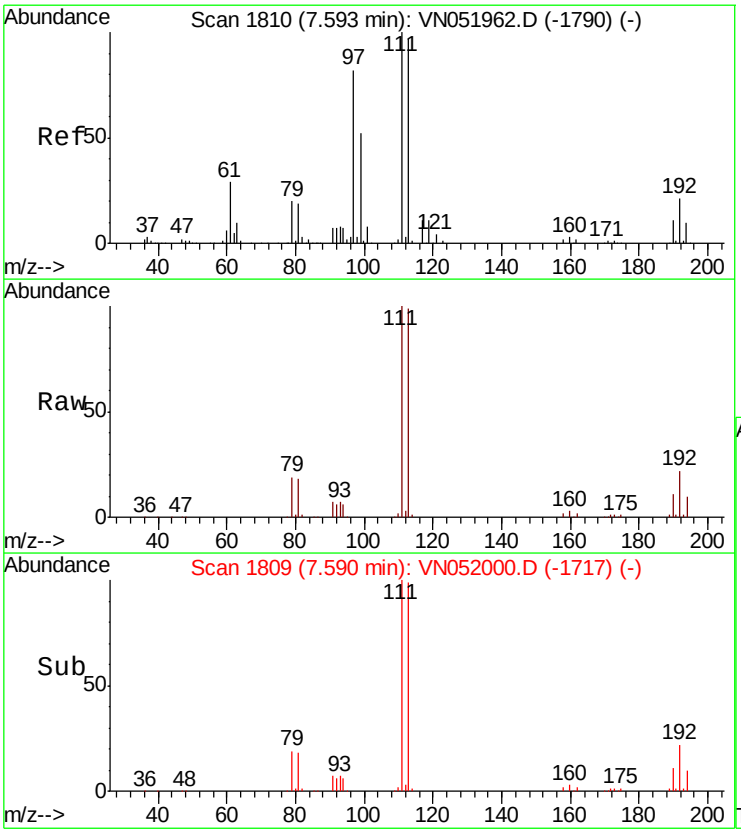
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tgt Ion:114 Resp: 1668982

Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	31.2
88	14.3	0.0	27.0

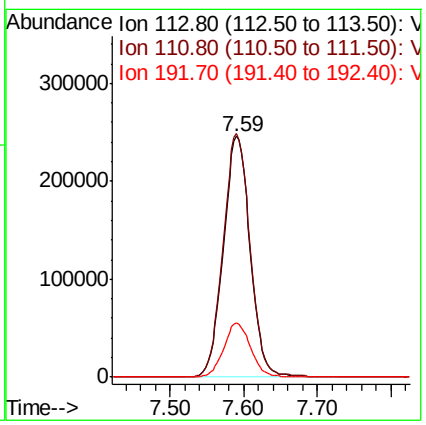


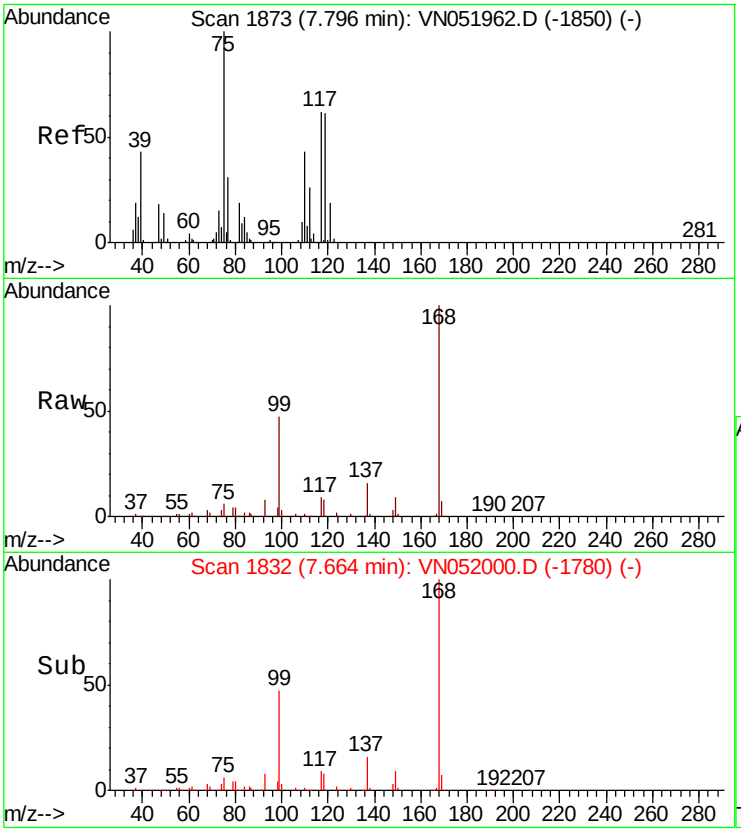


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:113 Resp: 618082

Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	22.6	17.2	25.8



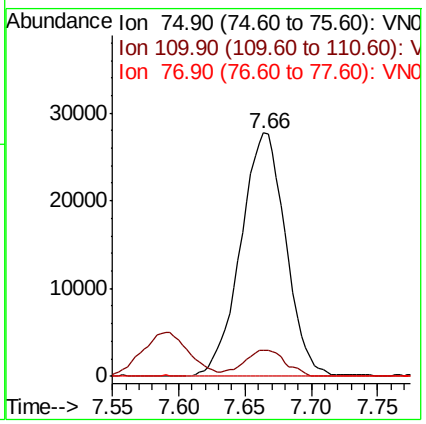


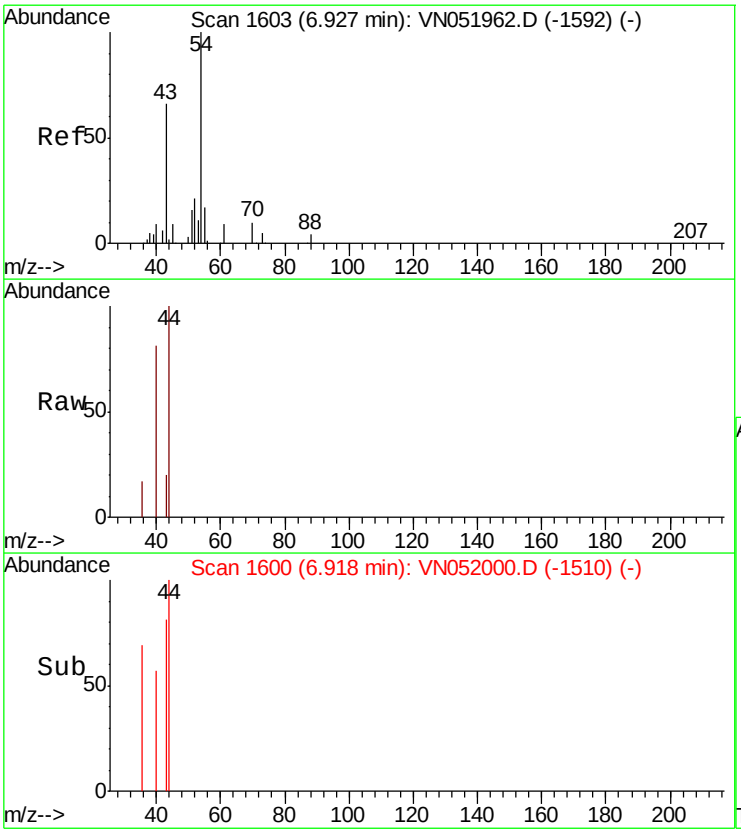
#36
1,1-Dichloropropene
Concen: 5.134 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Tgt Ion: 75 Resp: 65726

Ion	Ratio	Lower	Upper
75	100		
110	9.9	20.9	62.8#
77	0.0	24.9	37.3#

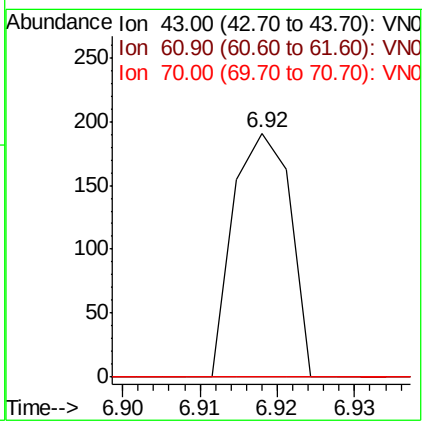


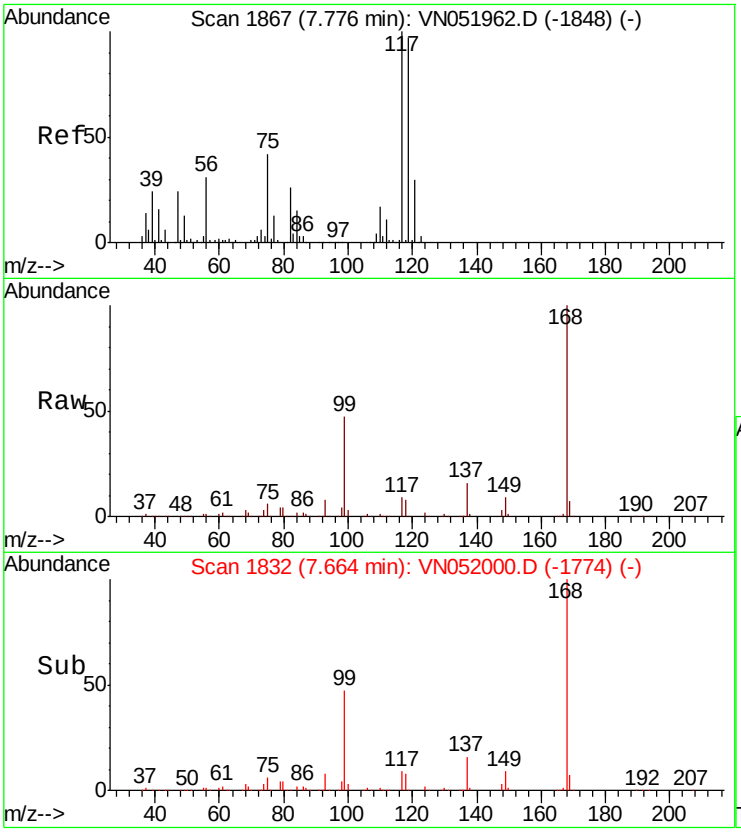


#37
Ethyl Acetate
Concen: Below Cal
RT: 6.92 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion: 43 Resp: 98

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.5	20.3#
70	0.0	9.8	14.6#



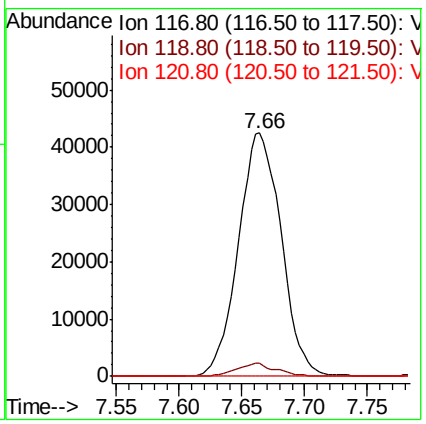


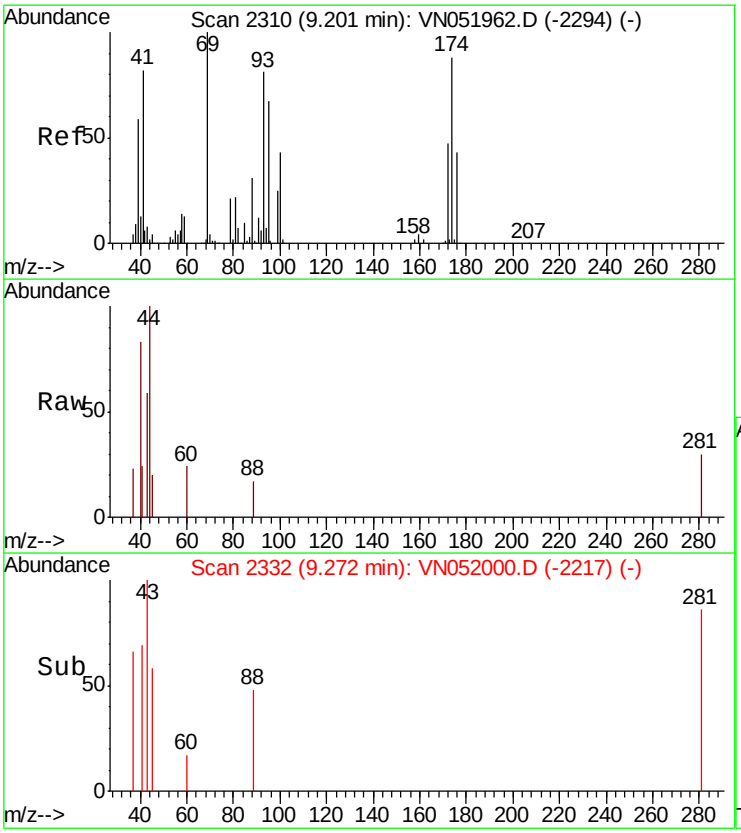
#38
Carbon Tetrachloride
Concen: 6.862 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tgt Ion:117 Resp: 100849

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.4	116.0#
121	0.0	24.2	36.4#

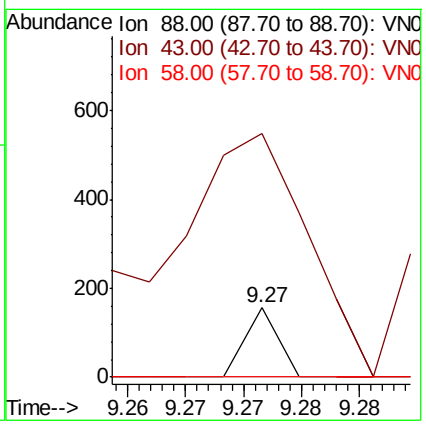


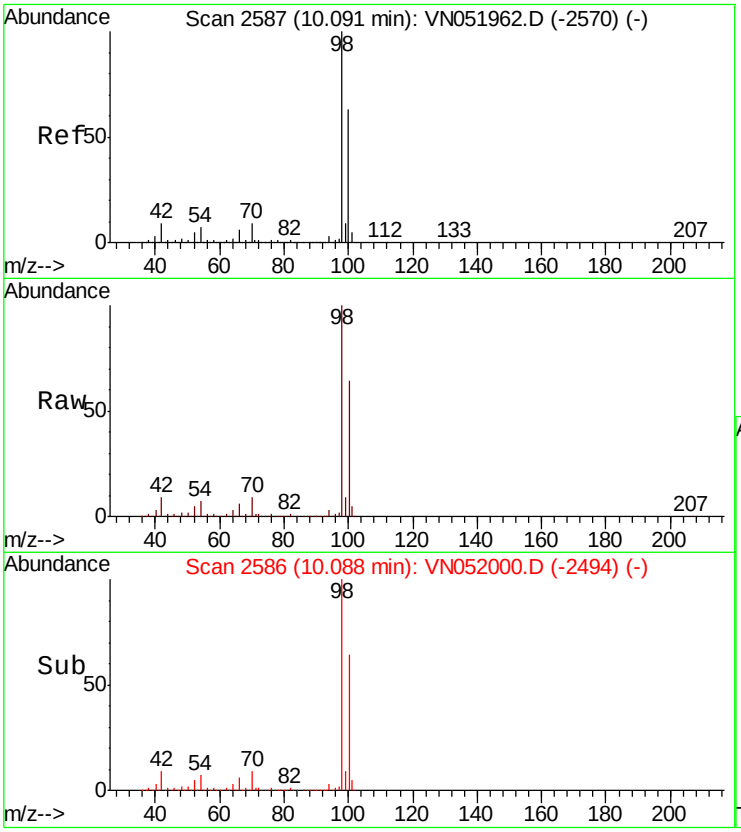


#49
1,4-Dioxane
Concen: 0.316 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion: 88 Resp: 30

Ion	Ratio	Lower	Upper
88	100		
43	1230.0	18.8	28.2#
58	0.0	39.8	59.6#



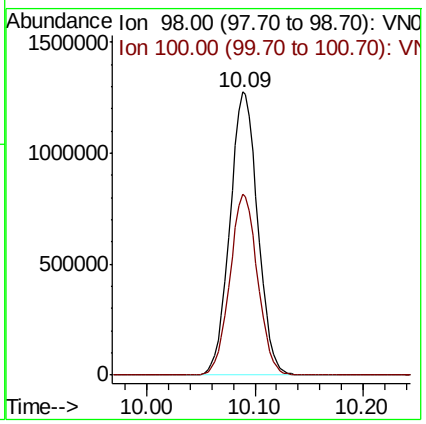


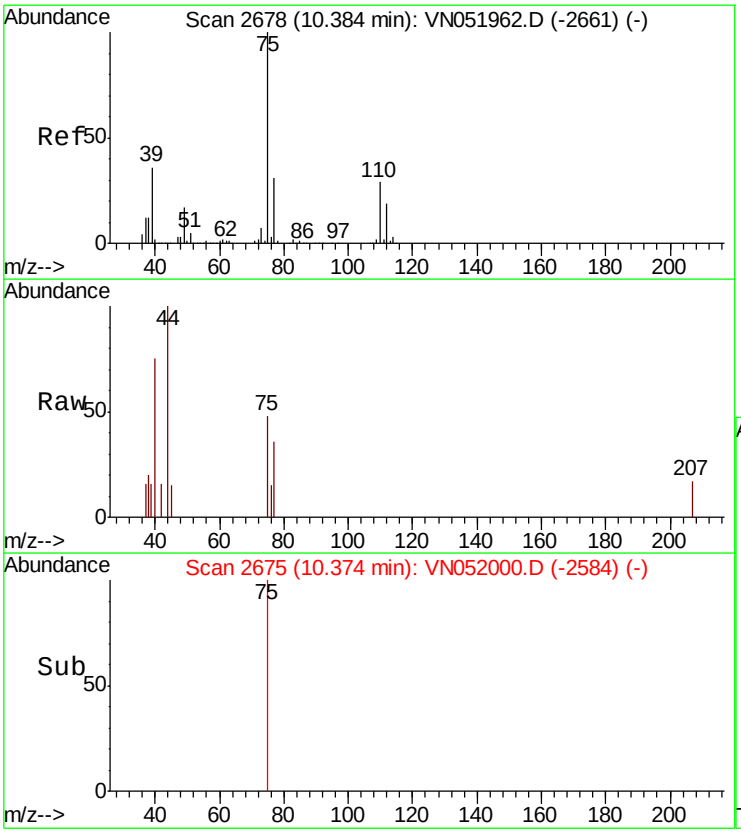
#50
Toluene-d8
Concen: 0.316 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Tgt Ion: 98 Resp: 2295993

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1

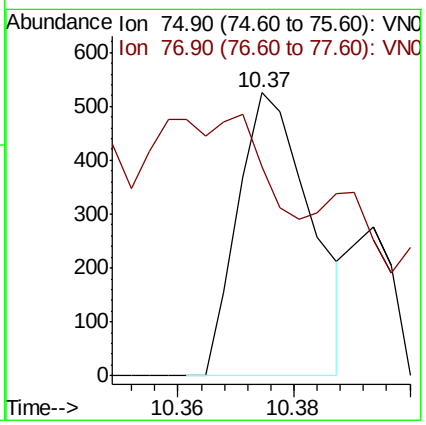


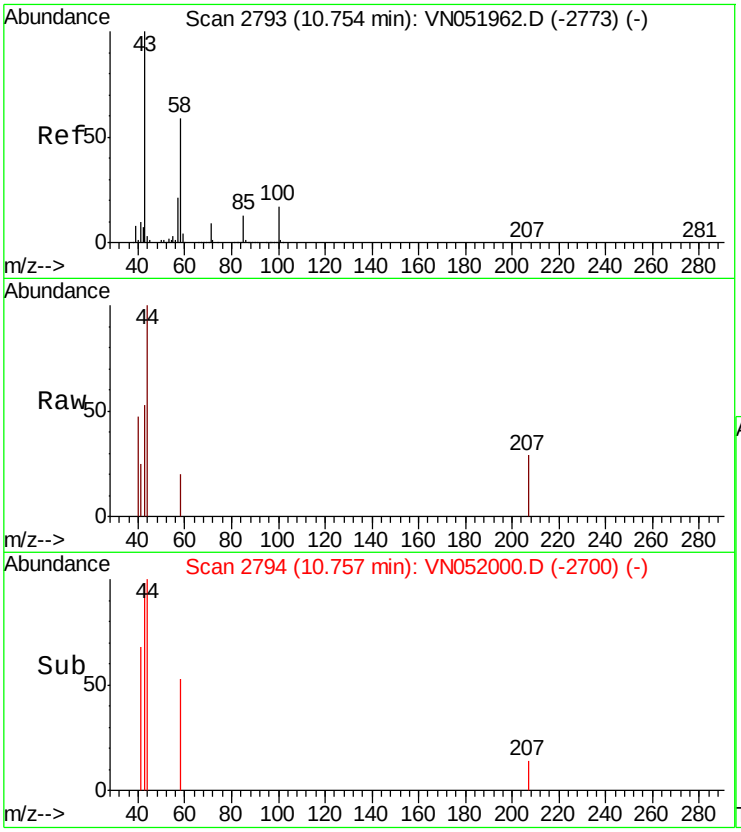


#53
t-1,3-Dichloropropene
Concen: 1.277 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.01 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion: 75 Resp: 458

Ion	Ratio	Lower	Upper
75	100		
77	9.5	25.0	37.4#



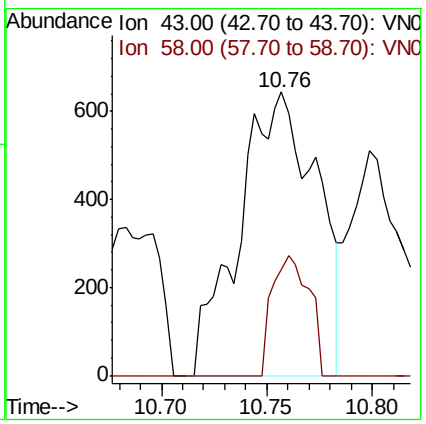


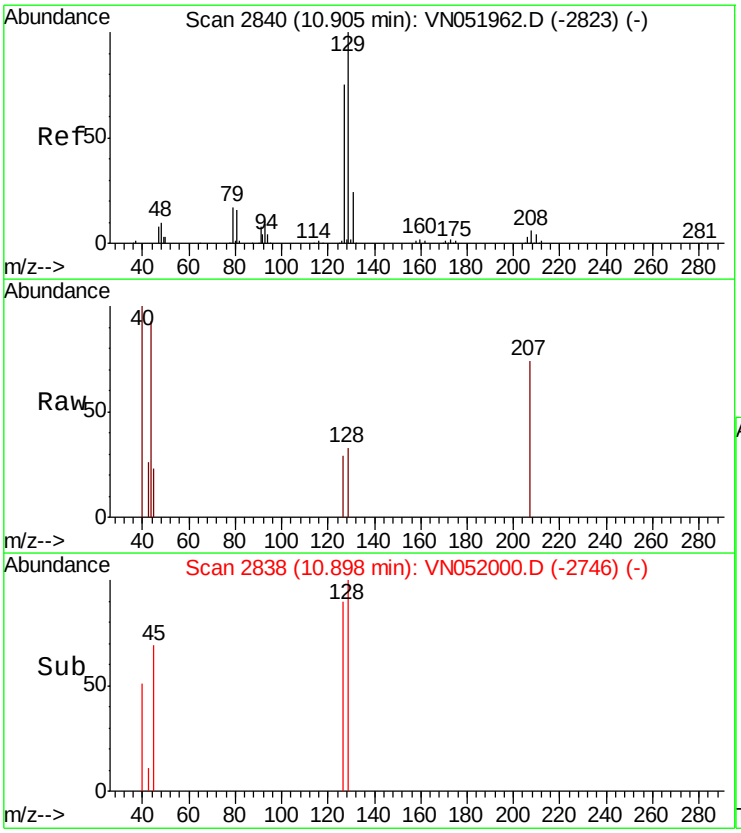
#59
2-Hexanone
Concen: 0.416 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Tgt Ion: 43 Resp: 1649

Ion	Ratio	Lower	Upper
43	100		
58	20.3	29.9	89.8#

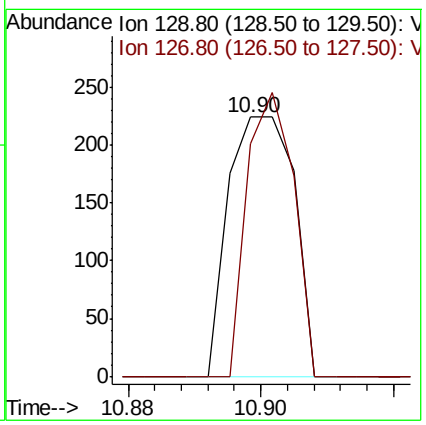


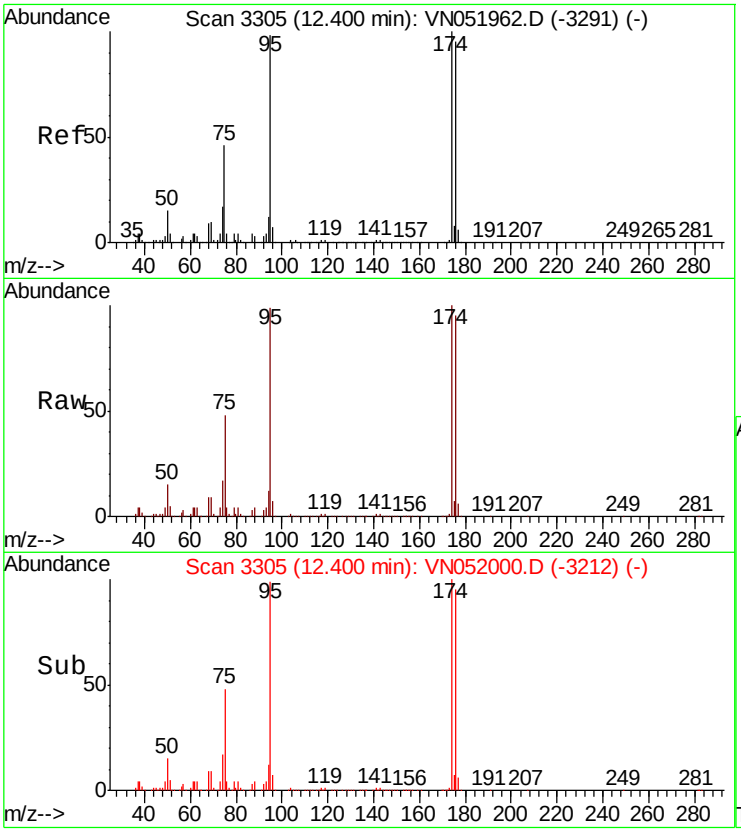


#60
Dibromochloromethane
Concen: 1.990 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.01 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:129 Resp: 155

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.0	114.0



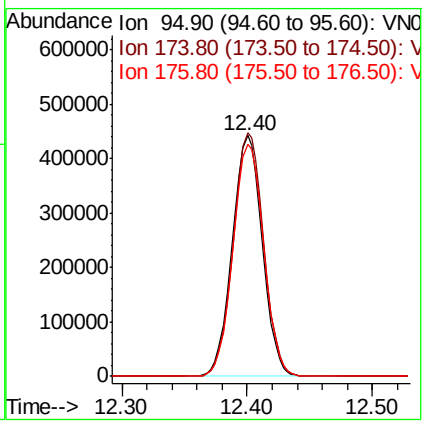


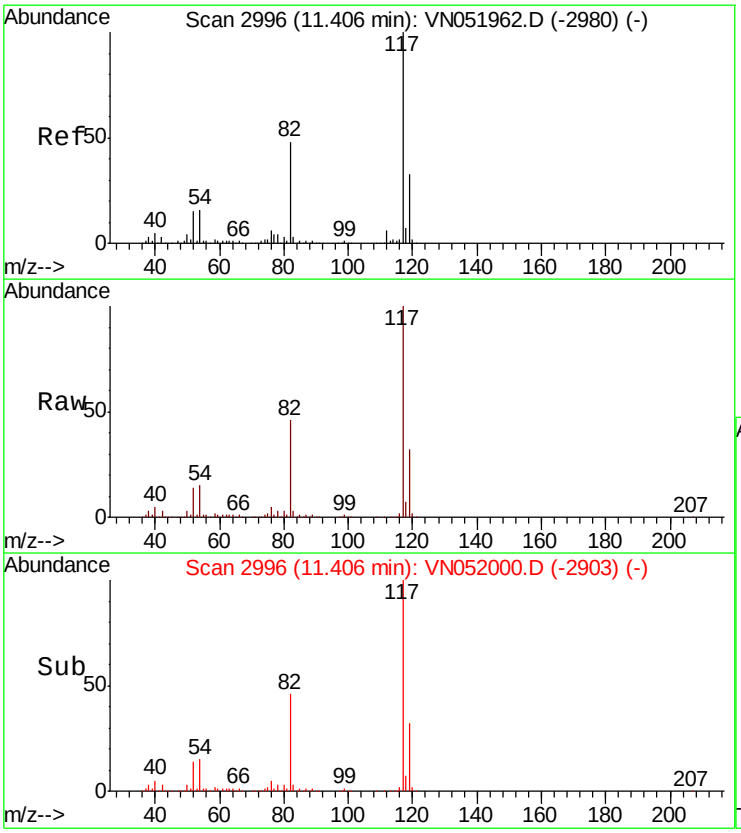
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Tgt Ion: 95 Resp: 735026

Ion	Ratio	Lower	Upper
95	100		
174	102.0	0.0	206.0
176	98.5	0.0	198.0

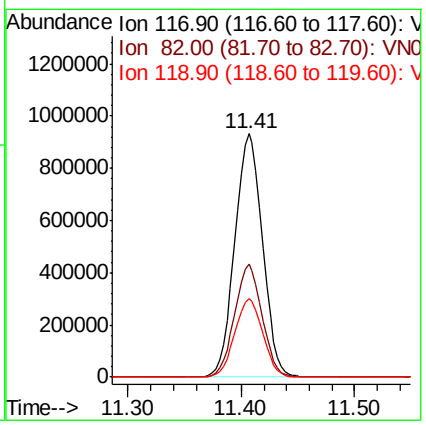


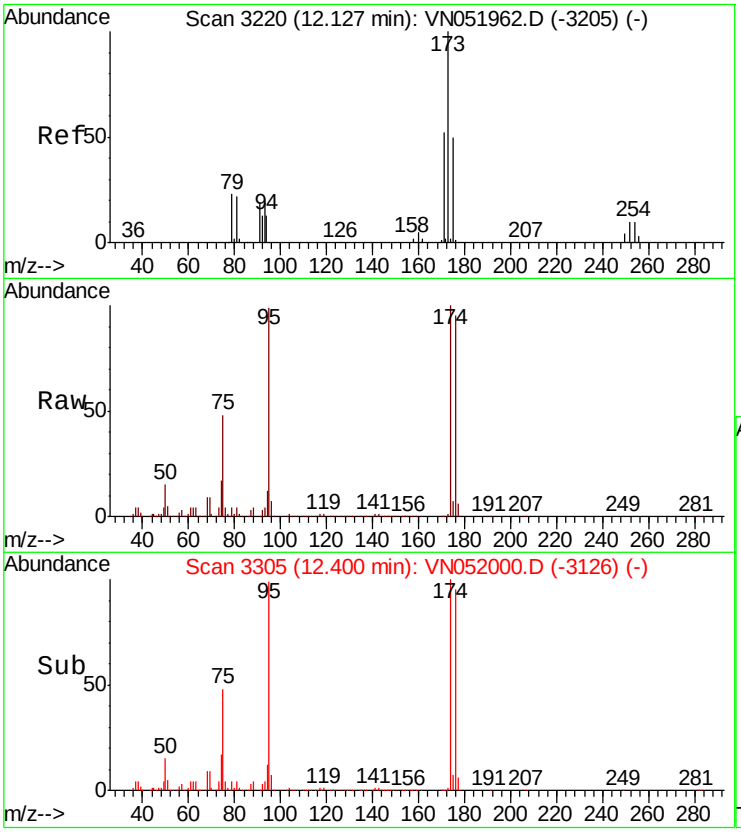


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:117 Resp: 1591345

Ion	Ratio	Lower	Upper
117	100		
82	46.2	38.1	57.1
119	32.3	26.4	39.6



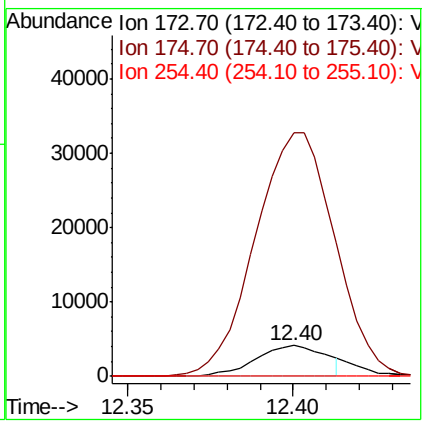


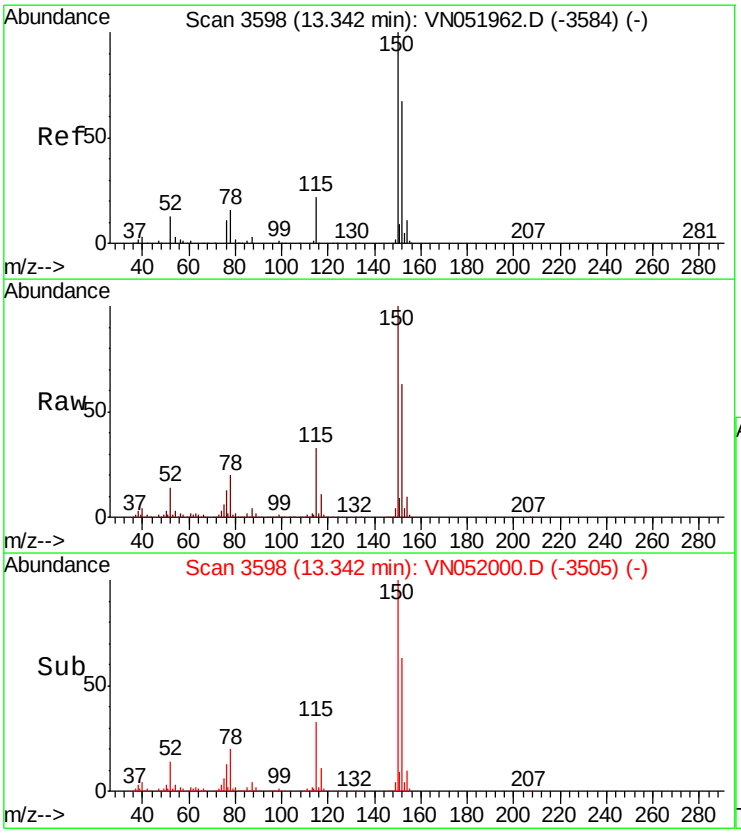
#71
Bromoform
Concen: 4.355 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Tgt Ion:173 Resp: 6110

Ion	Ratio	Lower	Upper
173	100		
175	810.5	24.6	74.0#
254	0.0	0.1	0.1#

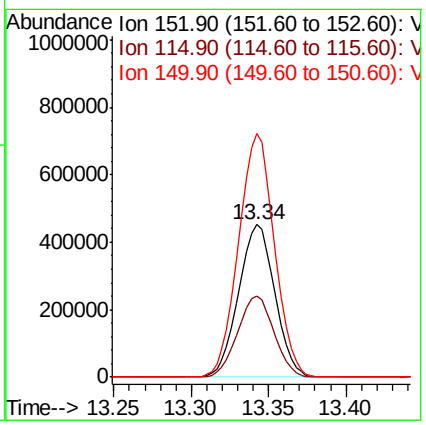


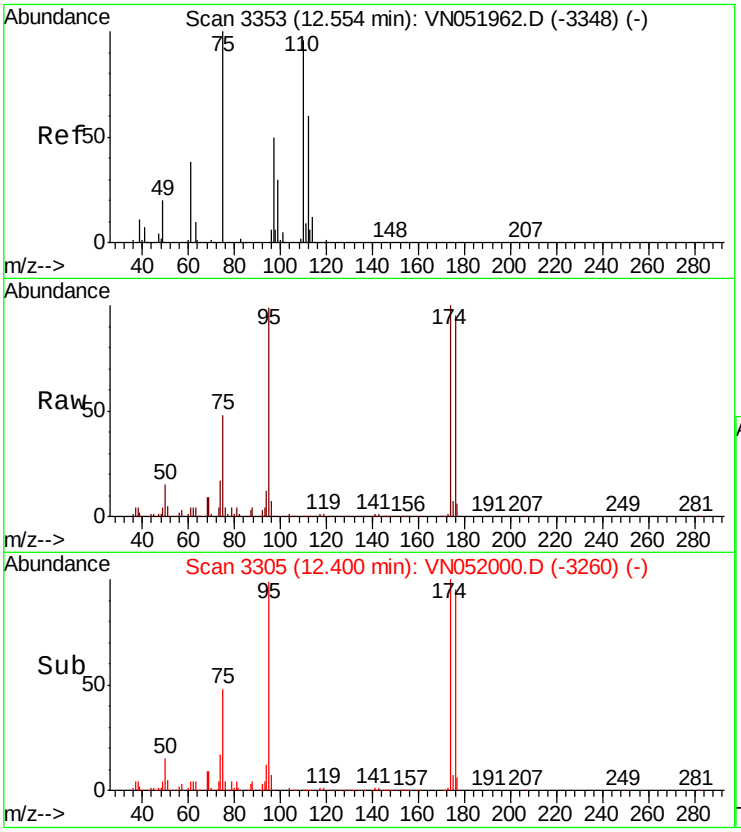


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:152 Resp: 736822

Ion	Ratio	Lower	Upper
152	100		
115	53.3	25.8	77.3
150	157.7	0.0	344.4



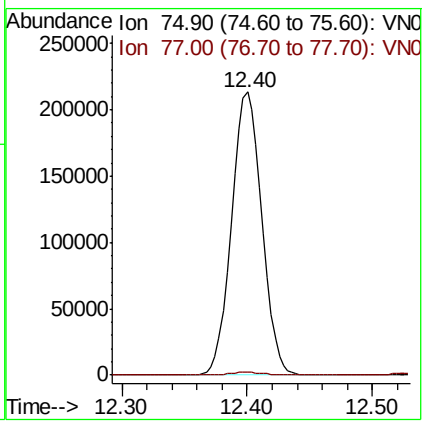


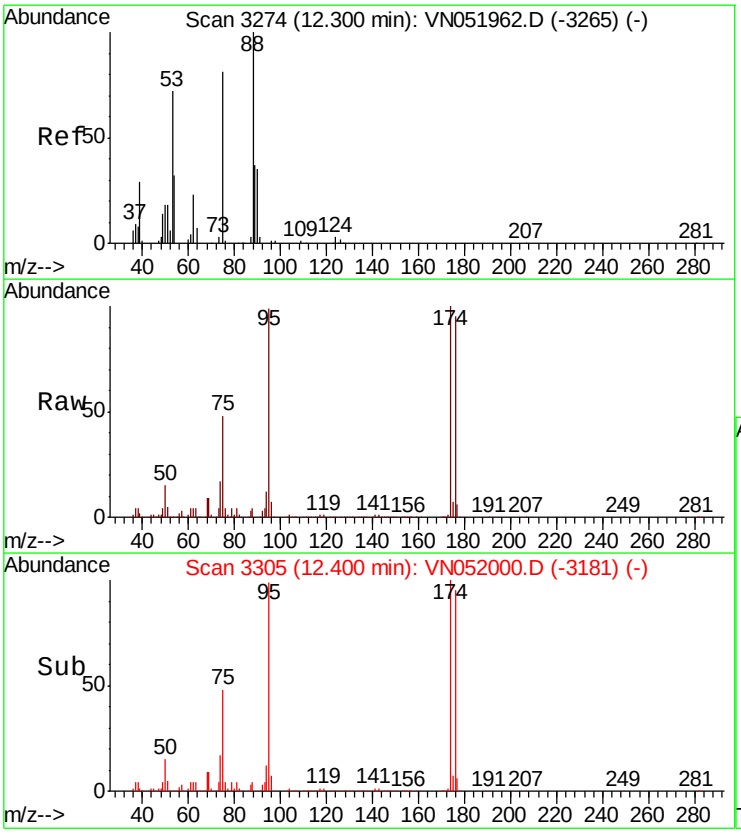
#76
1,2,3-Trichloropropane
Concen: 46.844 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tgt Ion: 75 Resp: 356525

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

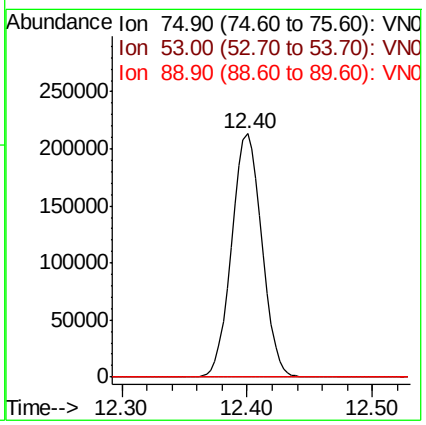


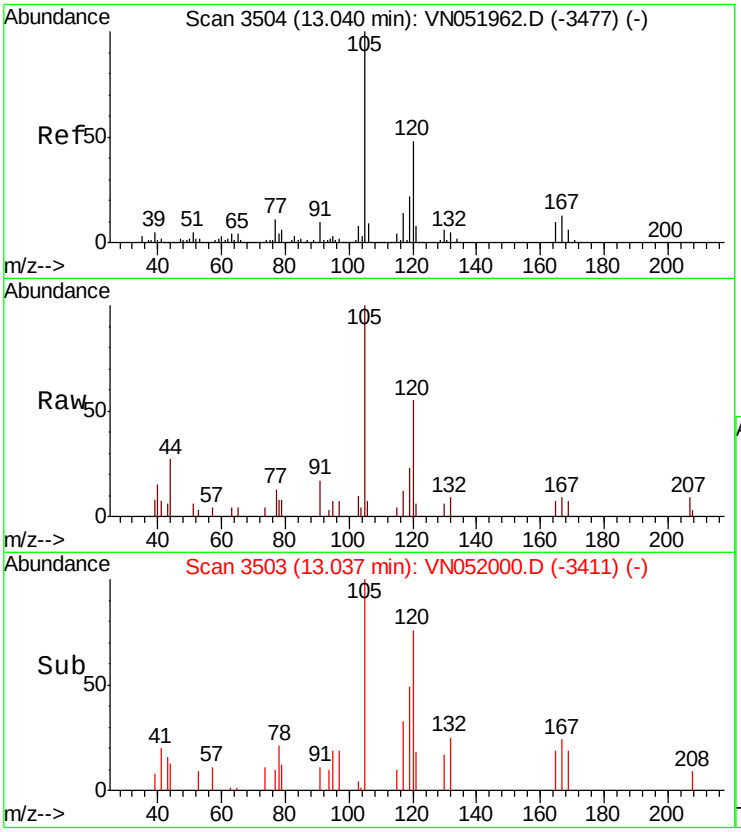


#81
trans-1,4-Dichloro-2-butene
Concen: 147.359 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion: 75 Resp: 356525

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.5	110.3#
89	0.0	41.6	62.4#



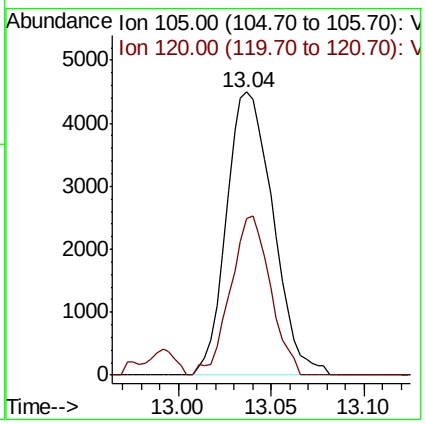


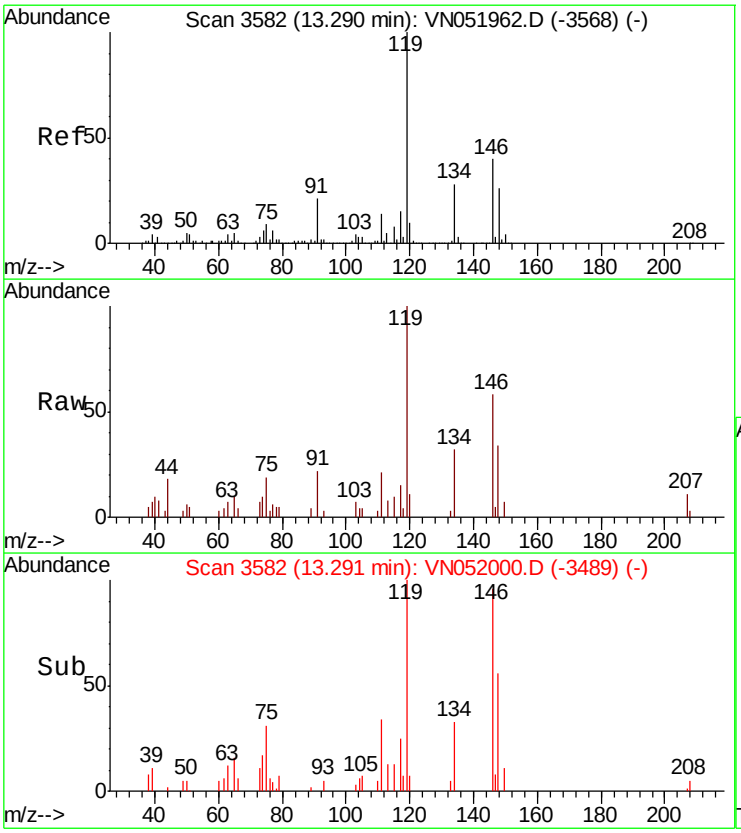
#84
1,2,4-Trimethylbenzene
Concen: 0.203 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tgt Ion:105 Resp: 7844

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.8	71.5

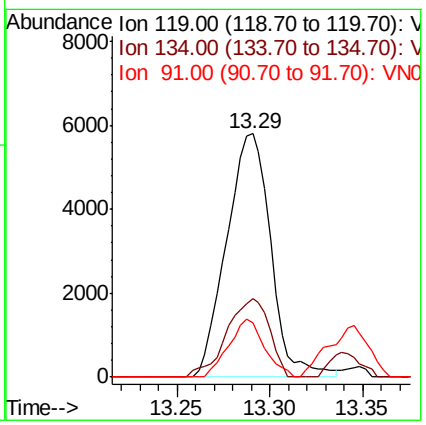


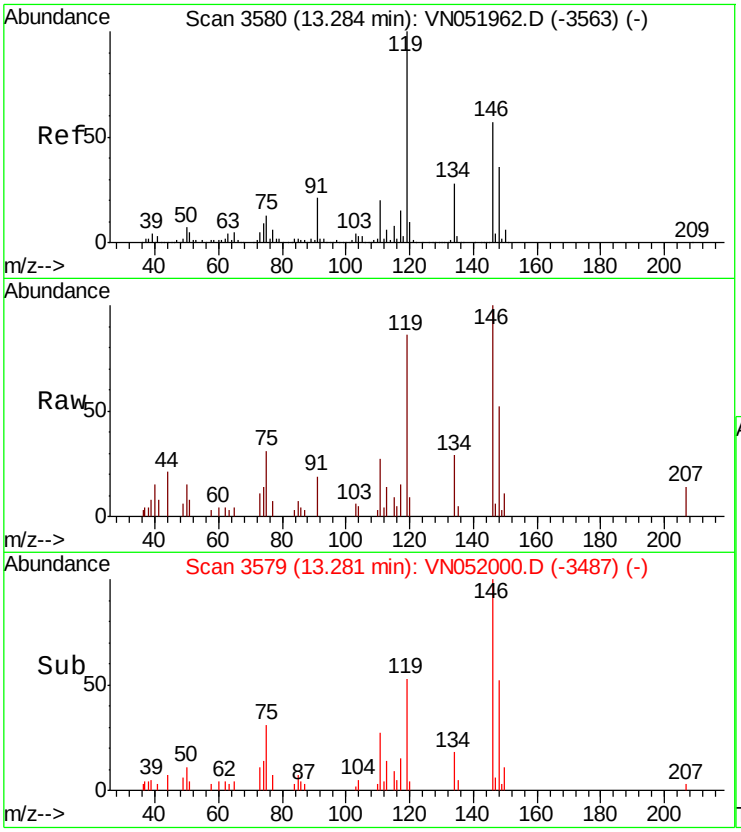


#86
p-Isopropyltoluene
Concen: 0.231 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:119 Resp: 9621

Ion	Ratio	Lower	Upper
119	100		
134	31.0	13.9	41.7
91	19.1	10.6	31.8



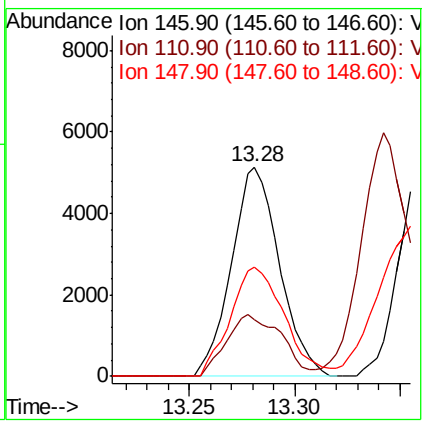


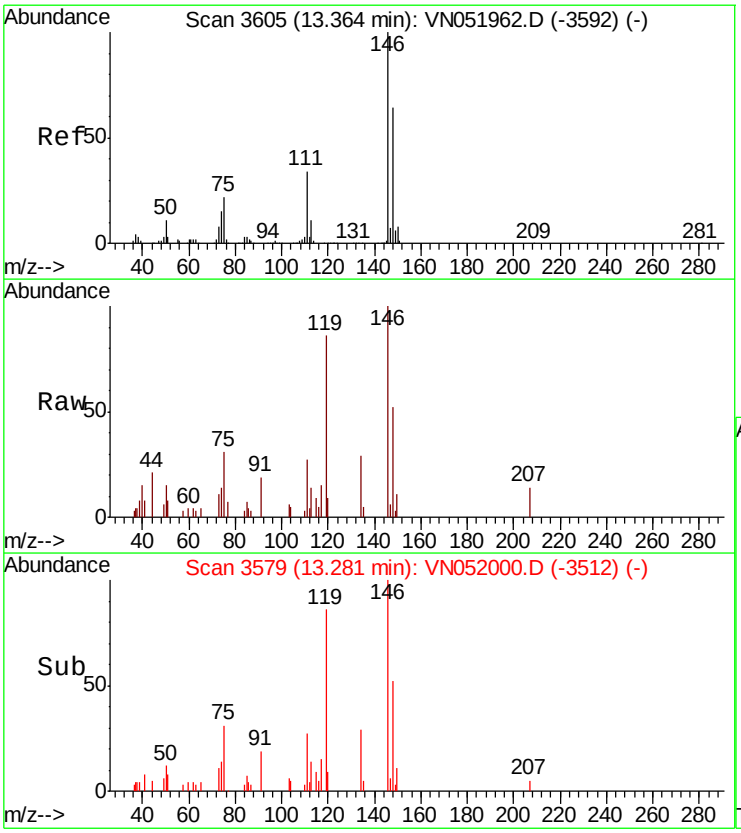
#87
1,3-Dichlorobenzene
Concen: 0.342 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Tgt Ion:146 Resp: 8126

Ion	Ratio	Lower	Upper
146	100		
111	33.9	17.6	52.8
148	58.5	32.0	96.0

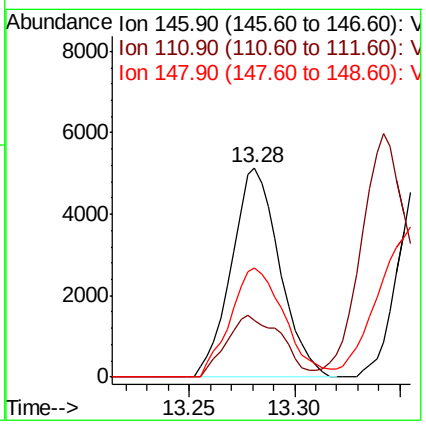


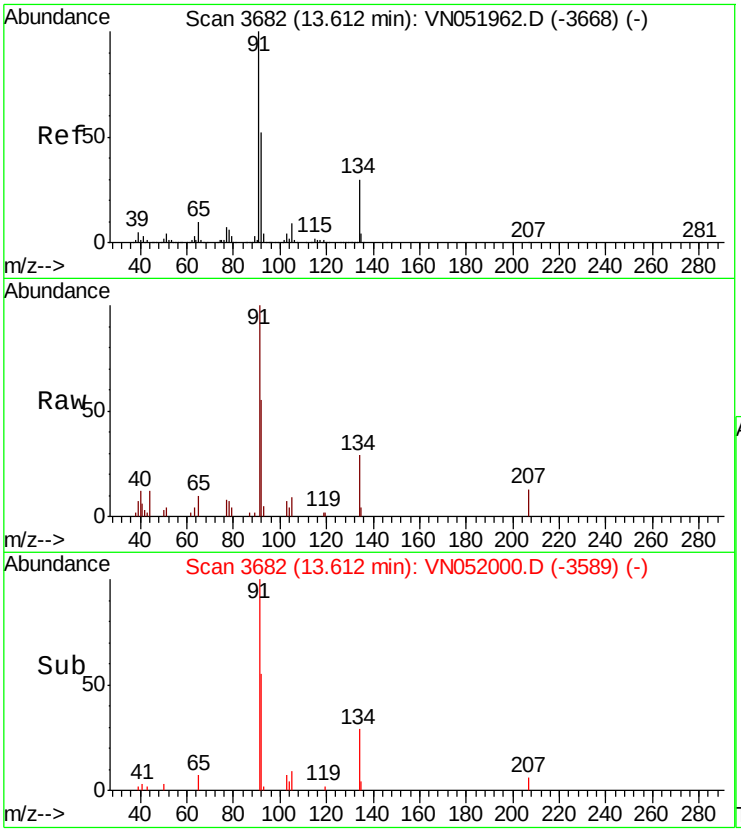


#88
1,4-Dichlorobenzene
Concen: 0.347 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.08 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:146 Resp: 8126

Ion	Ratio	Lower	Upper
146	100		
111	33.9	17.3	51.7
148	58.5	32.1	96.3



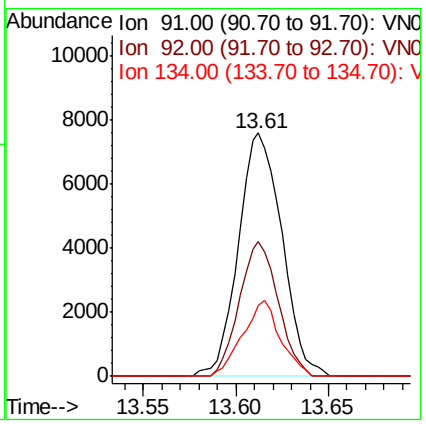


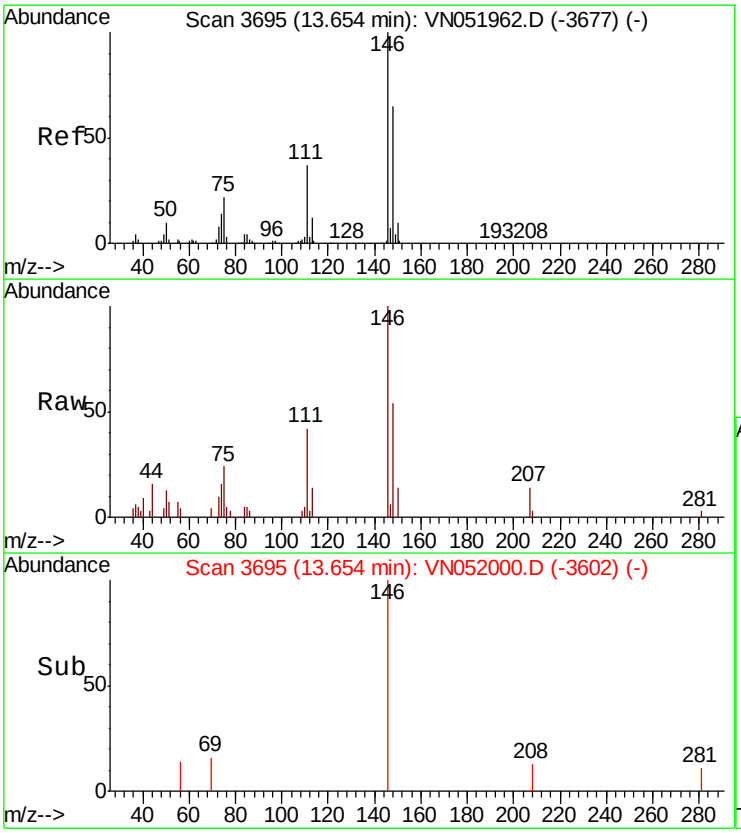
#89
n-Butylbenzene
Concen: 0.375 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument : MSVOA_N
ClientSampleId : VN1025WBL01

Tgt Ion: 91 Resp: 12443

Ion	Ratio	Lower	Upper
91	100		
92	49.2	25.9	77.8
134	26.9	15.2	45.6

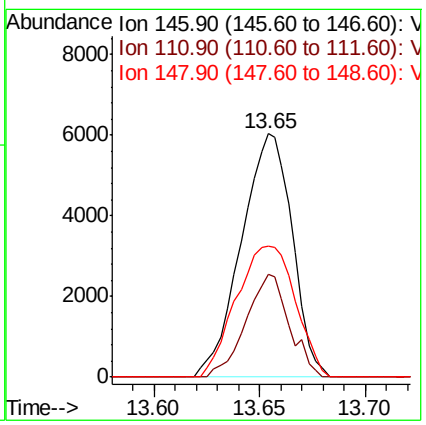


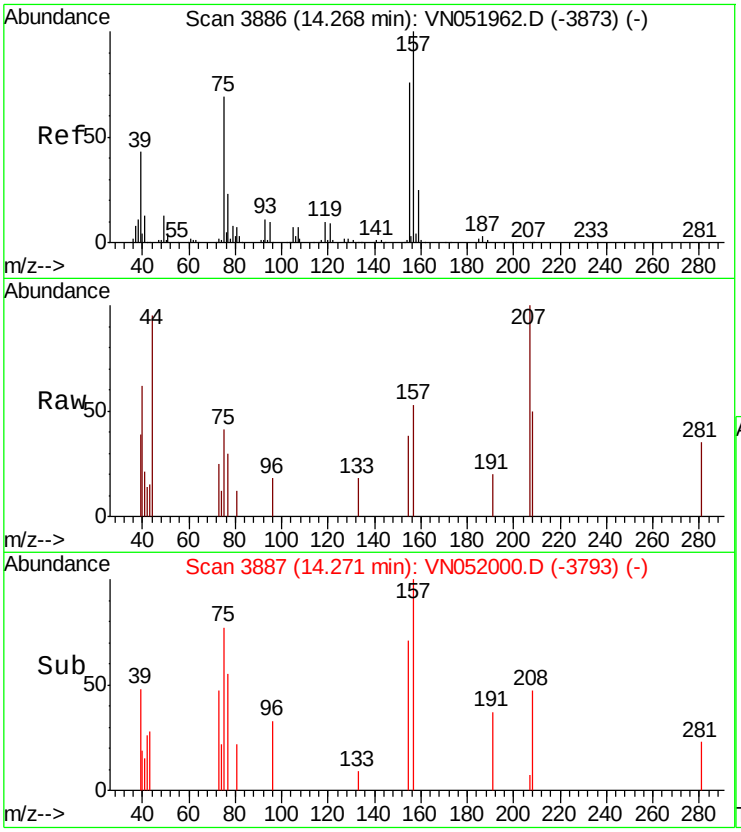


#91
1,2-Dichlorobenzene
Concen: 0.439 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:146 Resp: 10092

Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.3	54.9
148	62.7	32.4	97.0



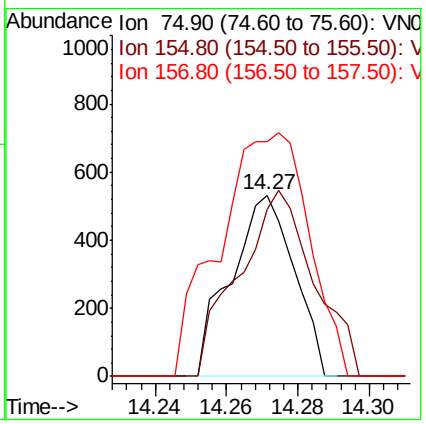


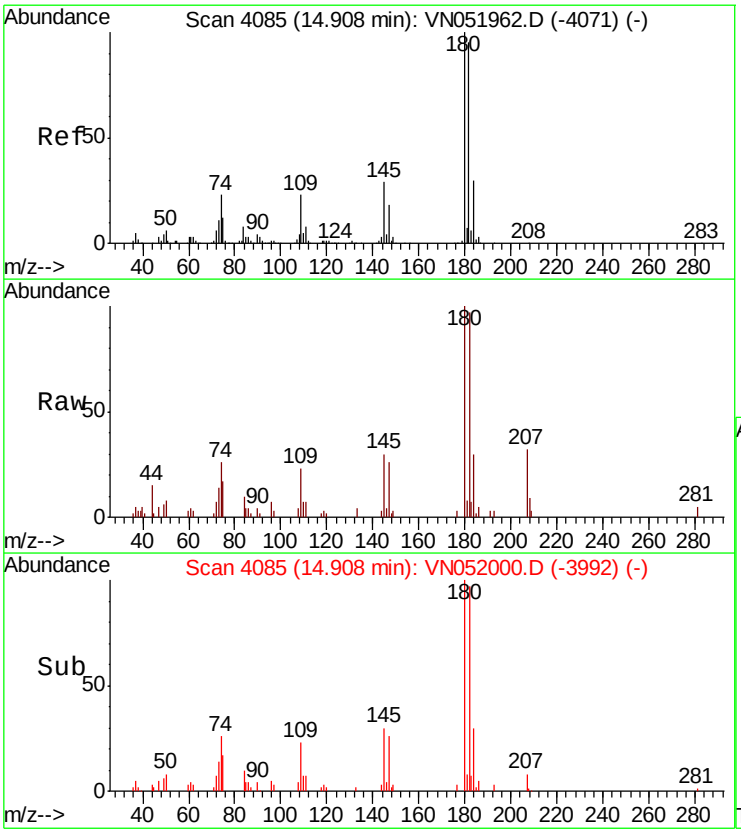
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.441 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tgt Ion: 75 Resp: 654

Ion	Ratio	Lower	Upper
75	100		
155	121.9	56.0	167.9
157	190.5	73.9	221.6

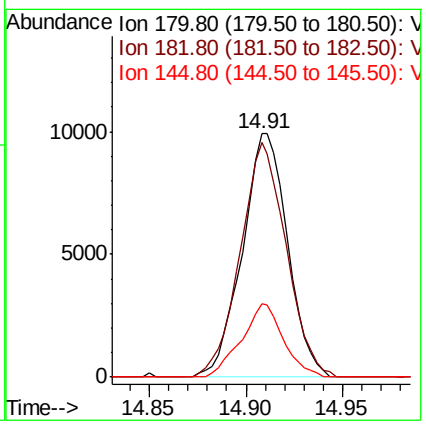


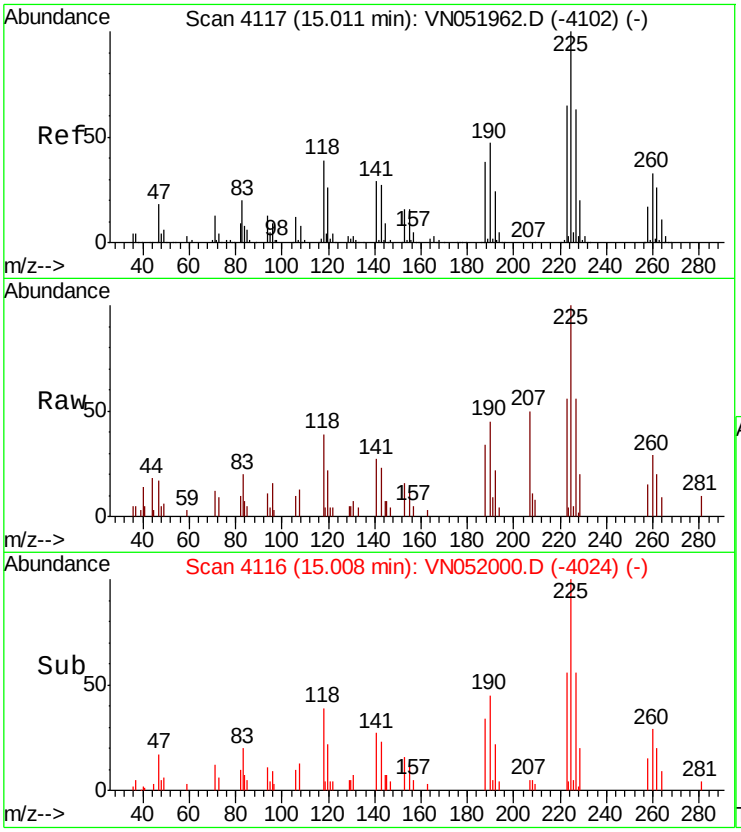


#93
1,2,4-Trichlorobenzene
Concen: 1.190 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:180 Resp: 16179

Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.8	143.4
145	28.0	14.5	43.5



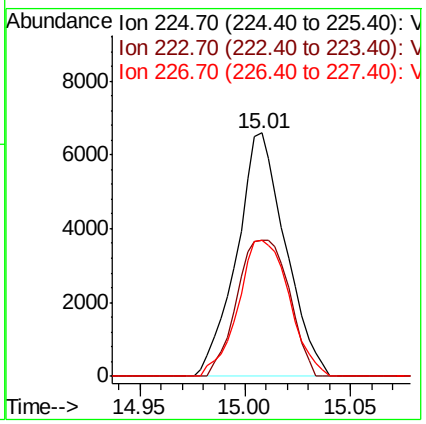


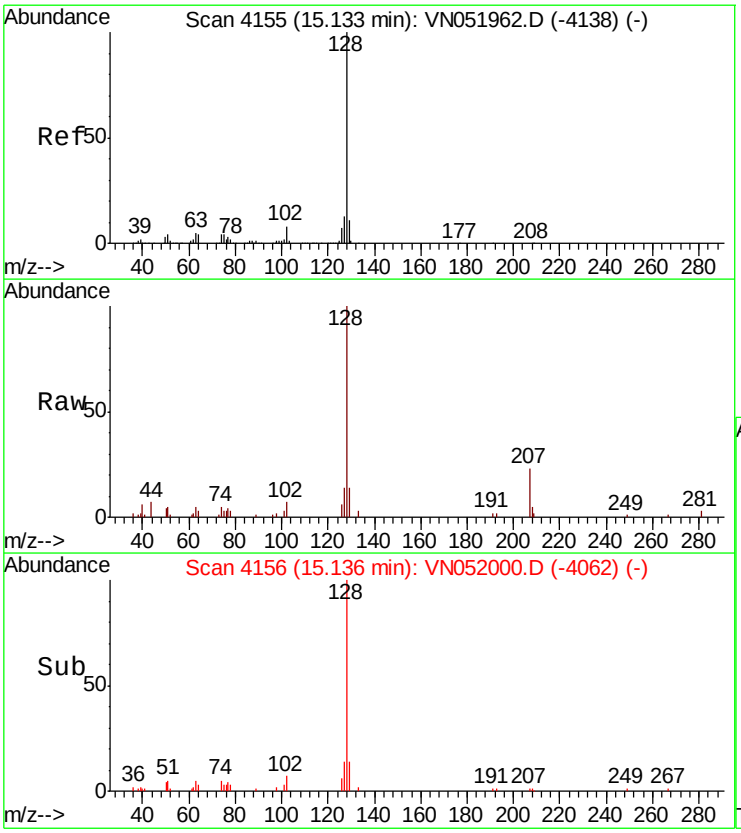
#94
Hexachlorobutadiene
Concen: 1.519 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tgt Ion:225 Resp: 10611

Ion	Ratio	Lower	Upper
225	100		
223	59.8	31.8	95.4
227	58.3	31.4	94.2

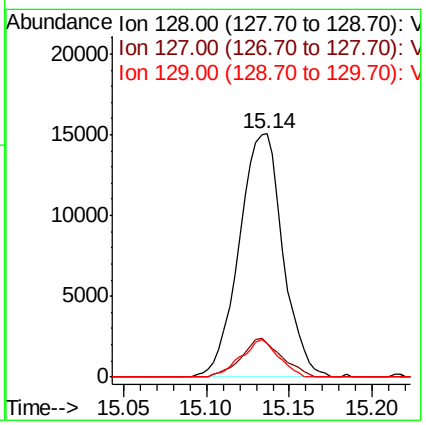


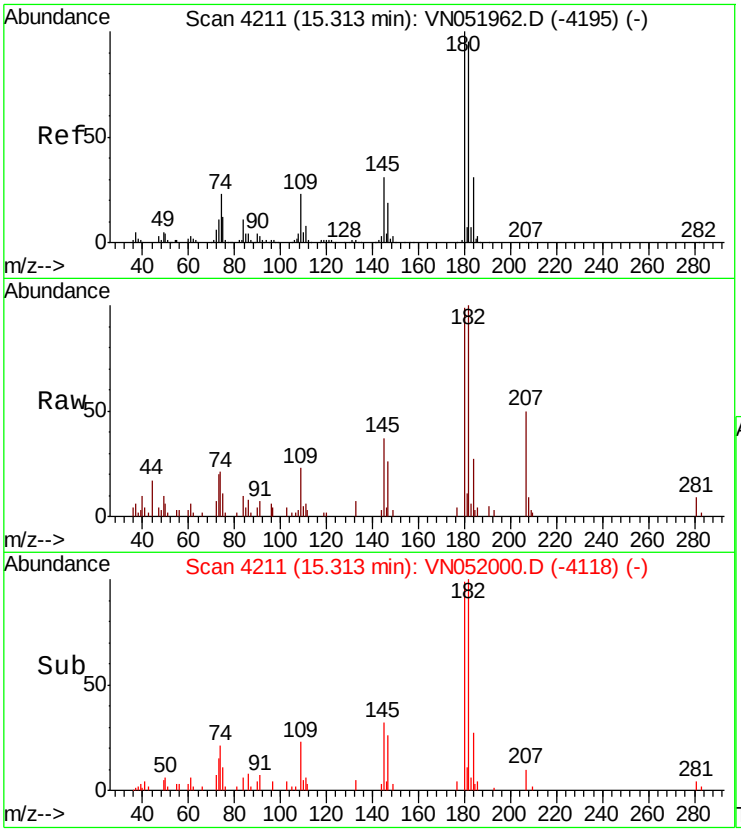


#95
Naphthalene
Concen: 0.935 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:128 Resp: 27595

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.3	15.5
129	13.2	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 1.129 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052000.D
Acq: 25 Oct 2018 9:53

Tgt Ion:180 Resp: 14666

Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.9	143.6
145	35.3	15.4	46.2

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01