Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102618\
Data File : VN052020.D
Acq On : 26 Oct 2018 11:29
Operator : MD\SY
Sample : VN1026WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Quant Time: Oct 26 23:19:27 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	7.67	168	1210733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1725125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1612656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	727479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	594740	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.30%			
35) Dibromofluoromethane	7.59	113	635172	57.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.40%			
50) Toluene-d8	10.09	98	2331259	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.20%			
62) 4-Bromofluorobenzene	12.40	95	734207	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.40%			
Target Compounds						Qvalue
13) Acrolein	3.61	56	559	38.753	ug/l	87
15) Acrylonitrile	5.00	53	556	0.236	ug/l #	59
16) Acetone	3.82	43	1668	0.939	ug/l	92
17) Carbon Disulfide	4.05	76	4261	0.202	ug/l #	90
18) Methyl Acetate	4.34	43	638	Below Cal	#	43
25) 2-Butanone	6.83	43	724	0.286	ug/l #	39
31) Cyclohexane	7.66	56	18450	Below Cal	#	22
36) 1,1-Dichloropropene	7.66	75	68485	5.175	ug/l #	47
37) Ethyl Acetate	6.92	43	146	Below Cal	#	64
38) Carbon Tetrachloride	7.66	117	102481	6.746	ug/l #	15
49) 1,4-Dioxane	9.20	88	30	0.305	ug/l #	1
53) t-1,3-Dichloropropene	10.38	75	372	1.270	ug/l	97
59) 2-Hexanone	10.76	43	1571	0.384	ug/l #	43
60) Dibromochloromethane	10.89	129	59	1.982	ug/l	71
71) Bromoform	12.40	173	6599	4.399	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	350075	46.587	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	350075	146.561	ug/l #	12
87) 1,3-Dichlorobenzene	13.28	146	5576	0.237	ug/l	93
88) 1,4-Dichlorobenzene	13.28	146	5576	0.241	ug/l	93
89) n-Butylbenzene	13.62	91	9865	0.301	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	5947	0.262	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.26	75	714	0.488	ug/l #	40
93) 1,2,4-Trichlorobenzene	14.91	180	14881	1.109	ug/l	96
94) Hexachlorobutadiene	15.01	225	9637	1.398	ug/l	98
95) Naphthalene	15.13	128	24493	0.840	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	13361	1.042	ug/l	97

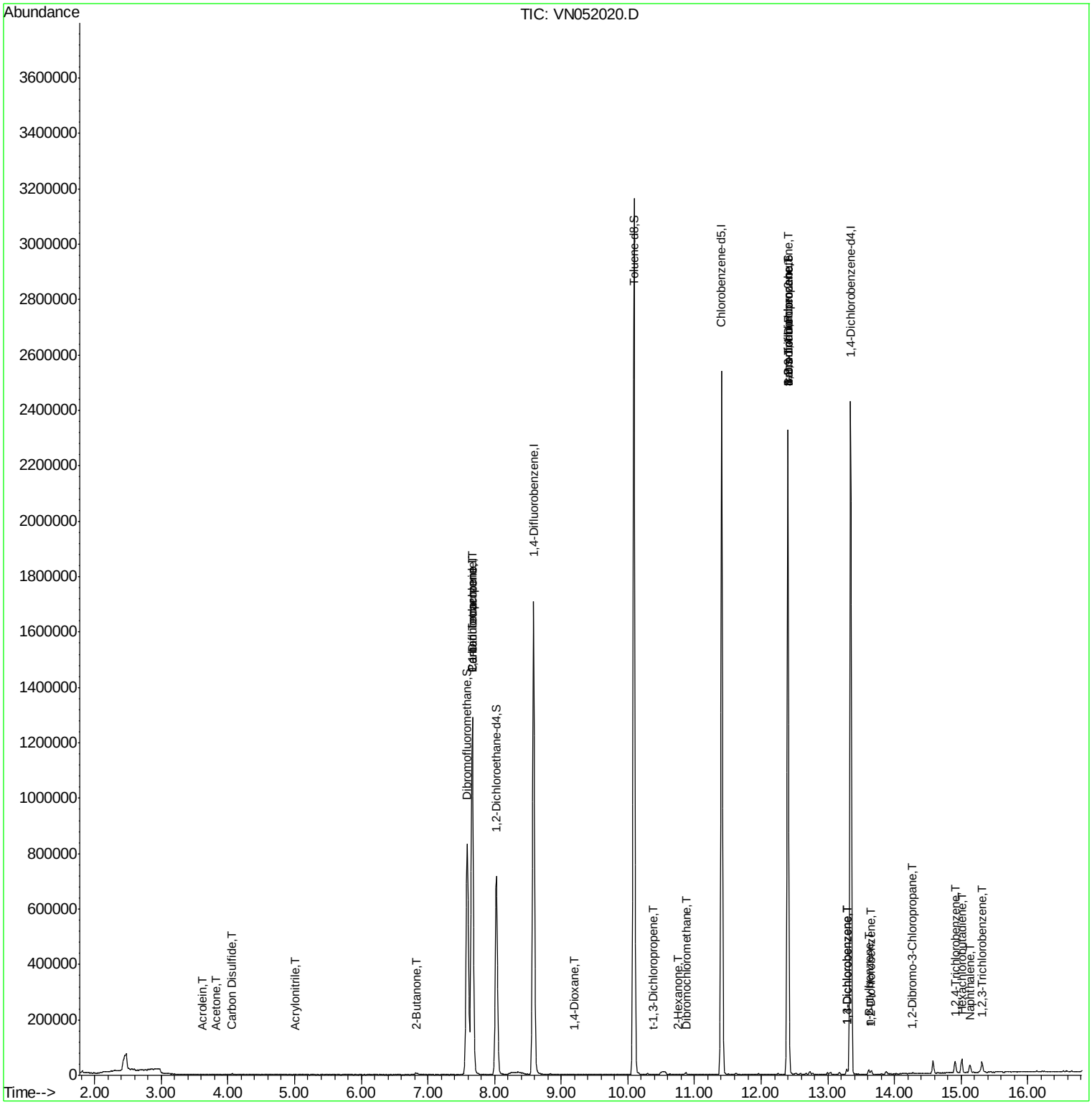
(#) = qualifier out of range (m) = manual integration (+) = signals summed

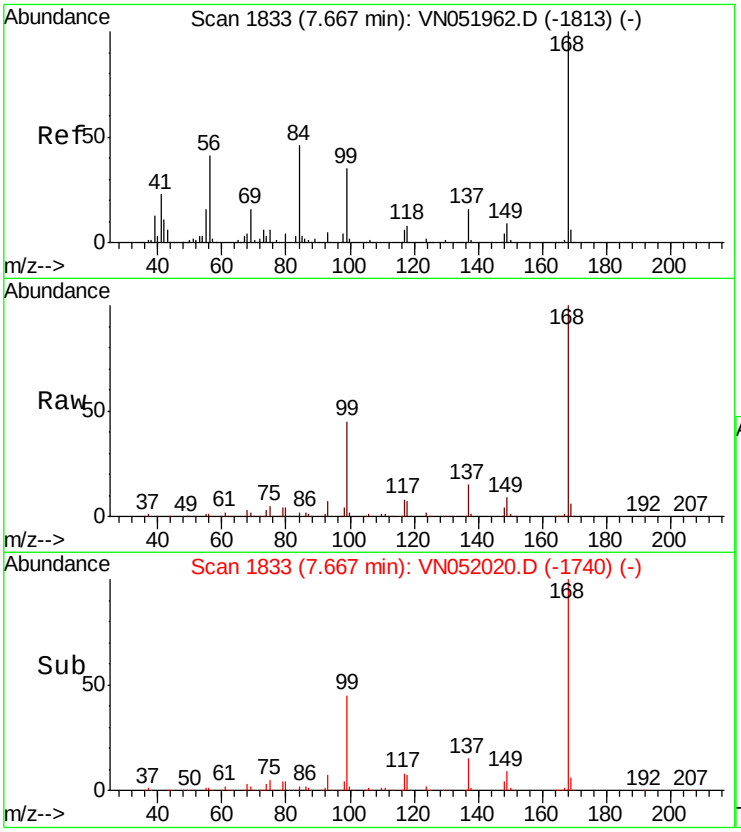
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102618\
Data File : VN052020.D
Acq On : 26 Oct 2018 11:29
Operator : MD\SY
Sample : VN1026WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Quant Time: Oct 26 23:19:27 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



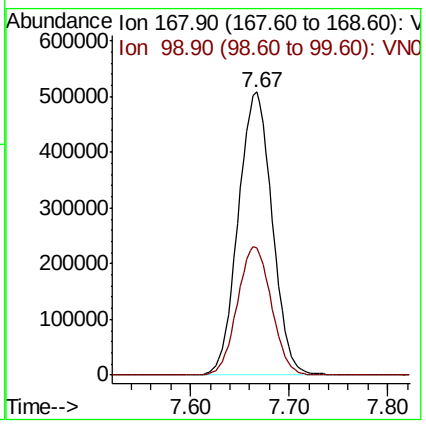


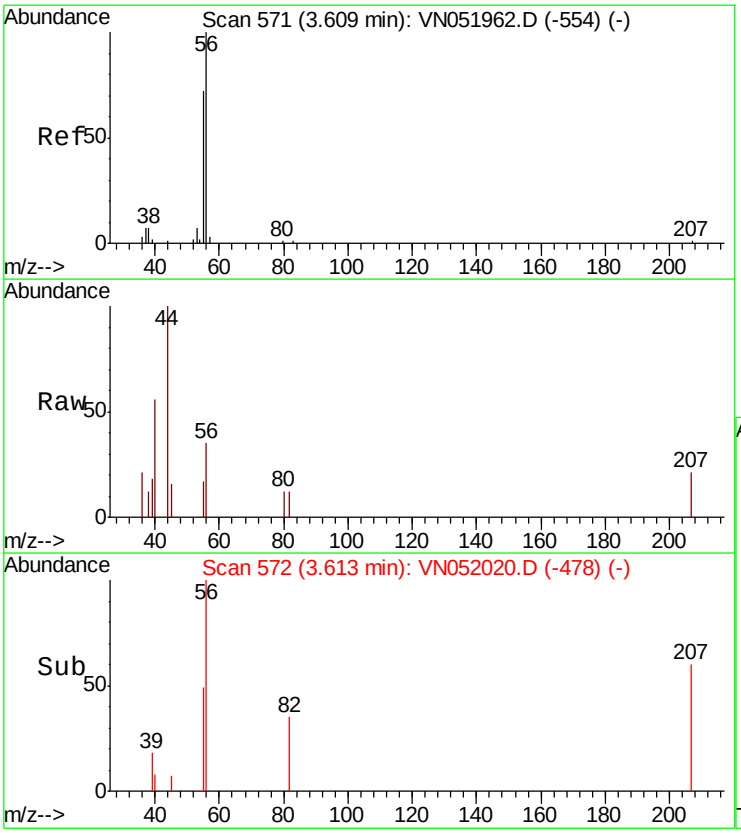
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tgt Ion:168 Resp: 1210733

Ion	Ratio	Lower	Upper
168	100		
99	44.8	37.8	56.6

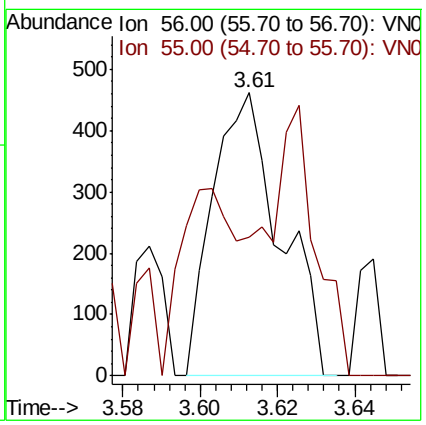


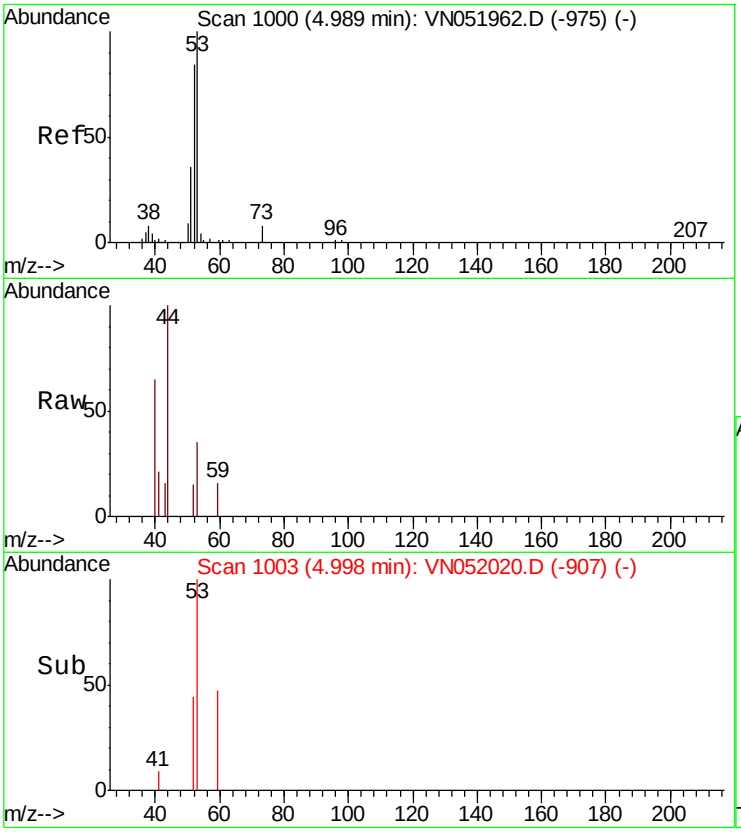


#13
Acrolein
Concen: 38.753 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 56 Resp: 559

Ion	Ratio	Lower	Upper
56	100		
55	59.9	56.6	84.8



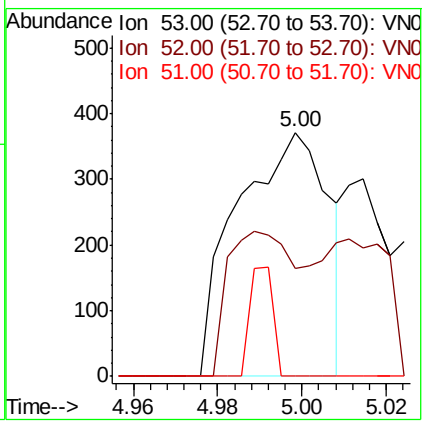


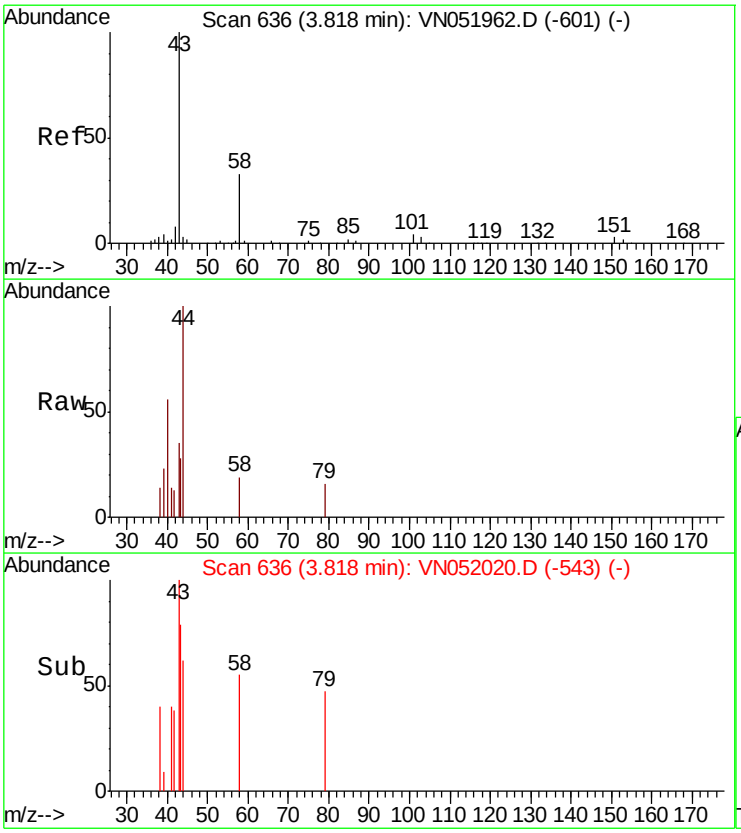
#15
Acrylonitrile
Concen: 0.236 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tgt Ion: 53 Resp: 556

Ion	Ratio	Lower	Upper
53	100		
52	47.1	67.0	100.4#
51	11.5	29.5	44.3#

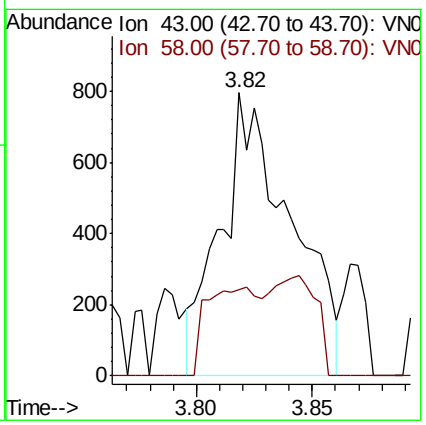


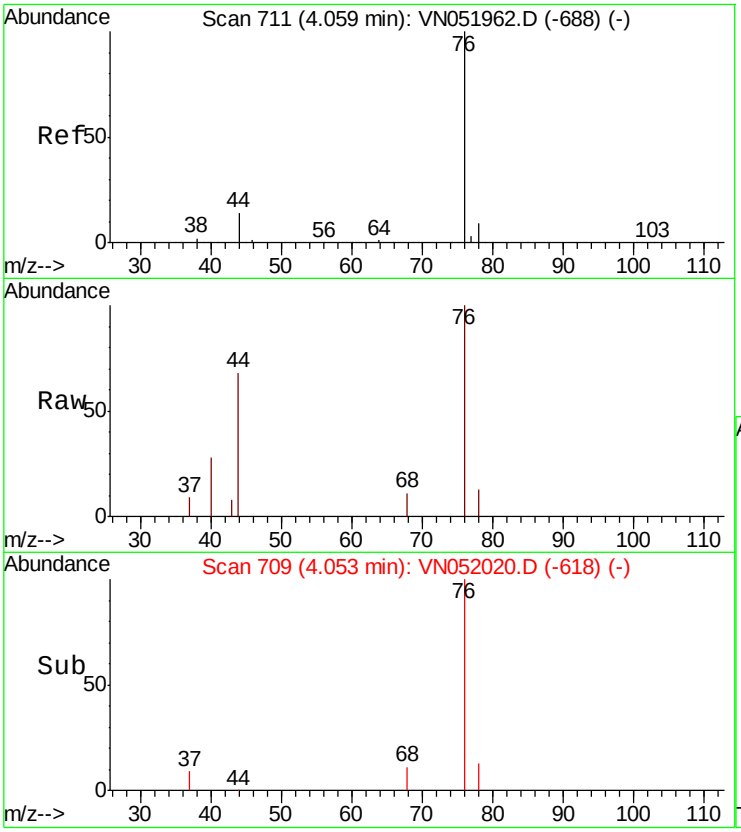


#16
Acetone
Concen: 0.939 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 43 Resp: 1668

Ion	Ratio	Lower	Upper
43	100		
58	38.1	26.7	40.1



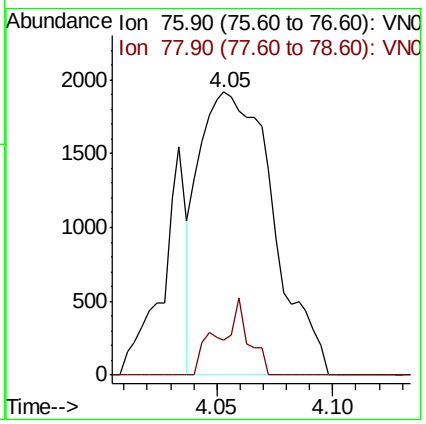


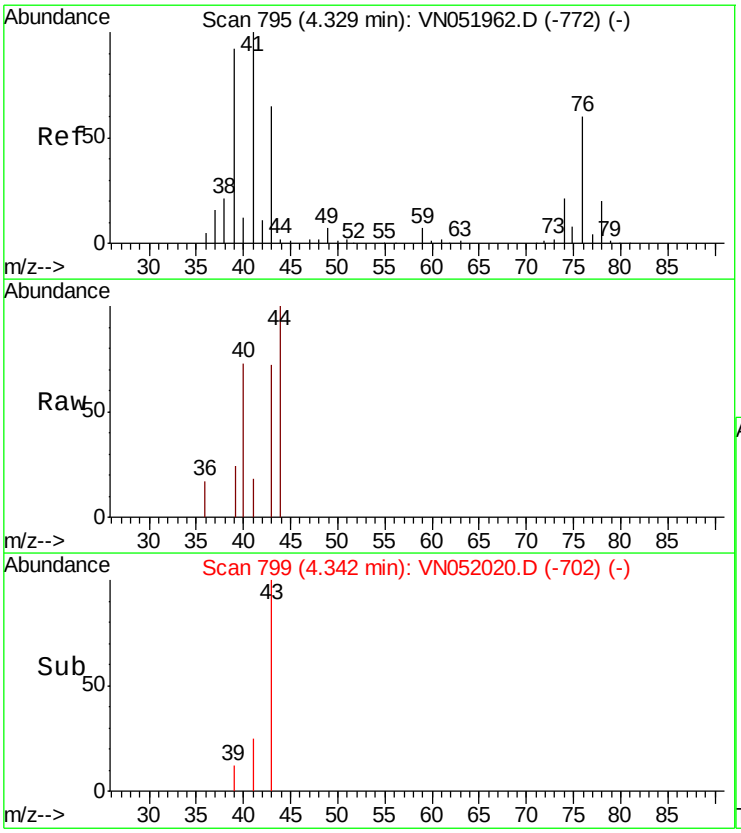
#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.01 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Tgt Ion: 76 Resp: 4261

Ion	Ratio	Lower	Upper
76	100		
78	12.6	7.3	10.9#

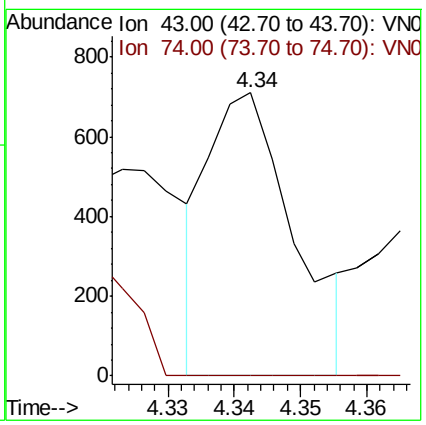


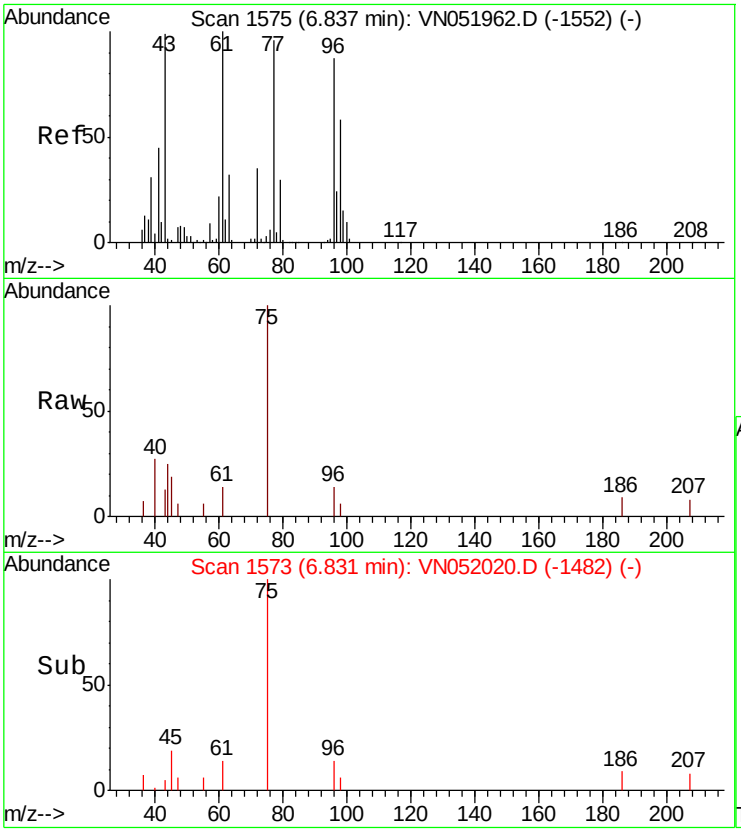


#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 799
Delta R.T. 0.01 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 43 Resp: 638

Ion	Ratio	Lower	Upper
43	100		
74	0.0	25.7	38.5#



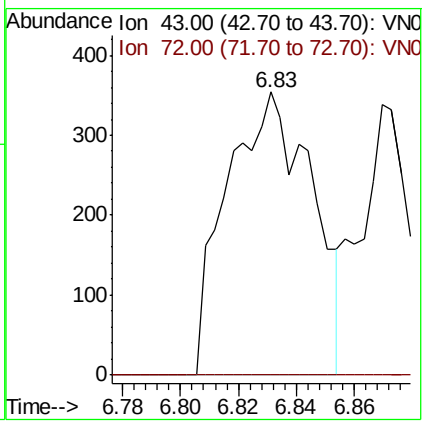


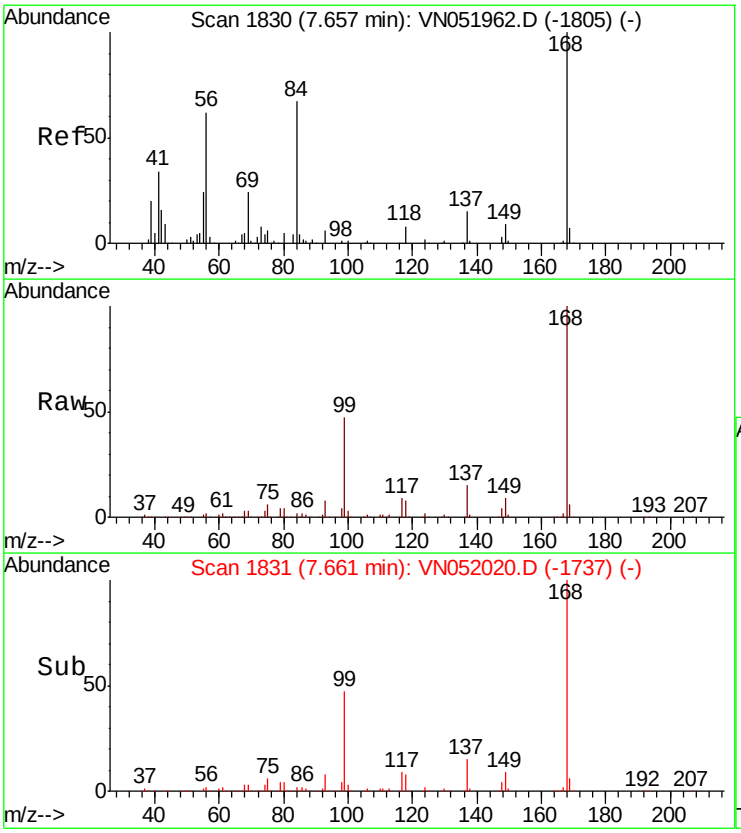
#25
2-Butanone
Concen: 0.286 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Tgt Ion: 43 Resp: 724

Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.5	42.7#

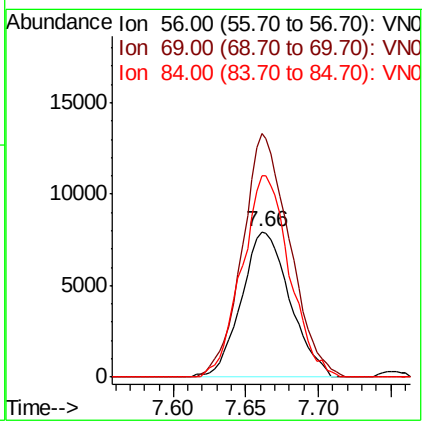


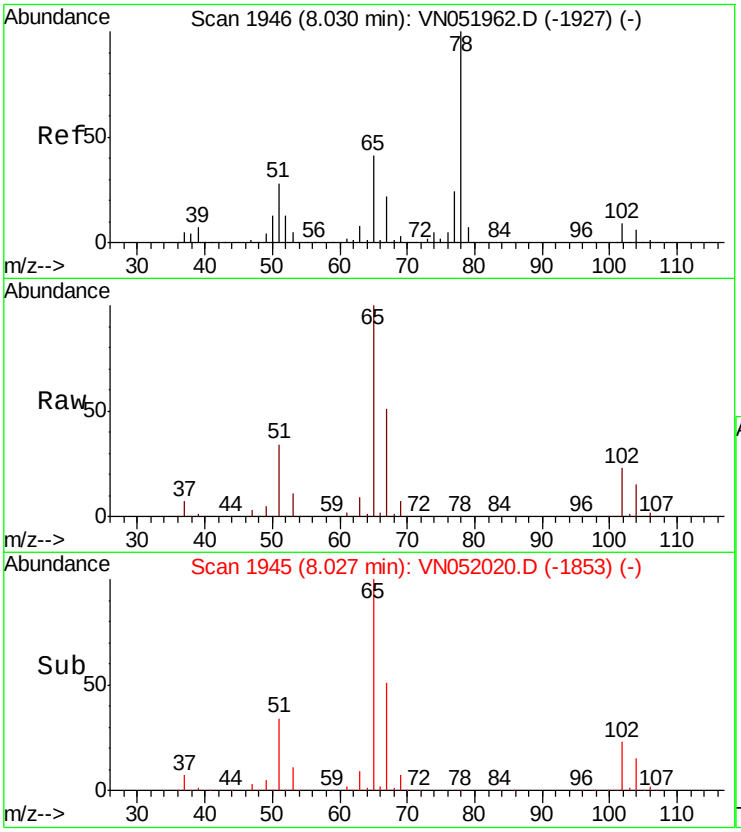


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 56 Resp: 18450

Ion	Ratio	Lower	Upper
56	100		
69	167.9	31.2	46.8#
84	139.2	86.3	129.5#



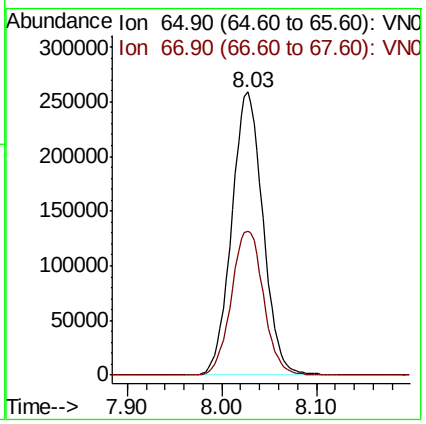


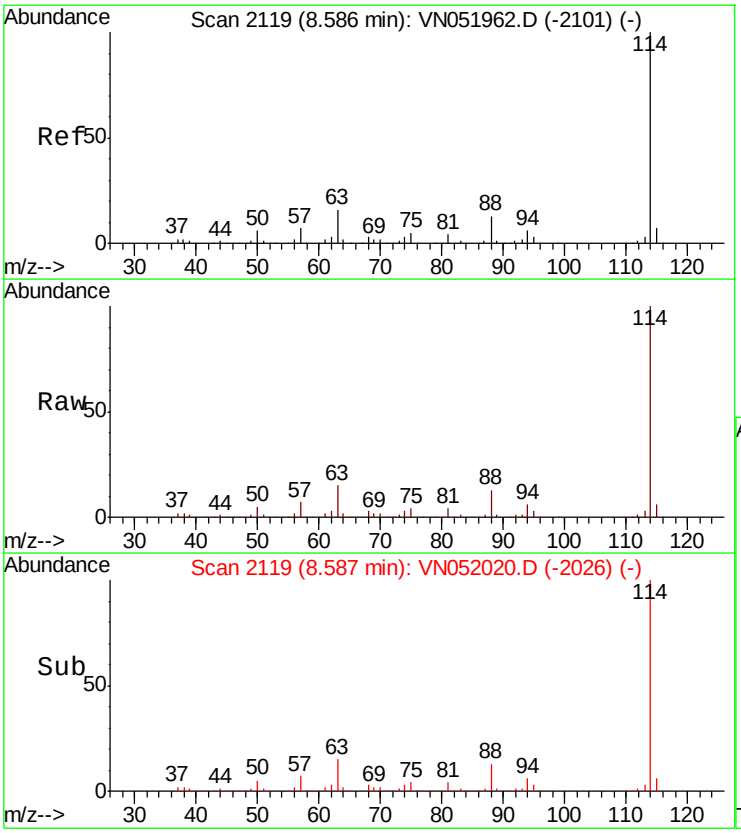
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Tgt Ion: 65 Resp: 594740

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.8

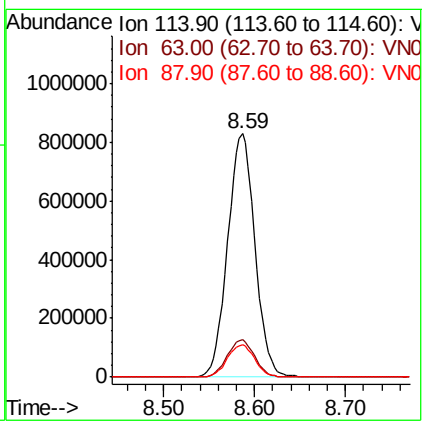


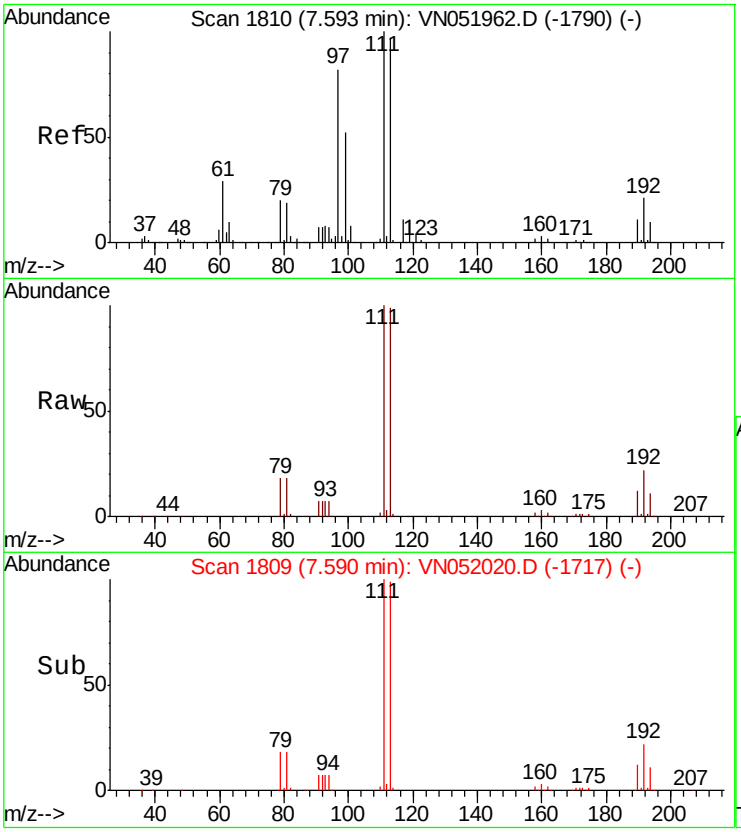


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion:114 Resp: 1725125

Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	31.2
88	13.2	0.0	27.0



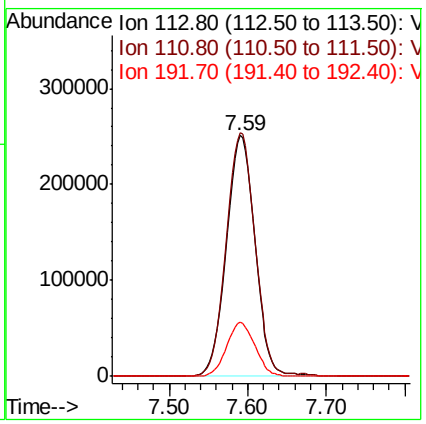


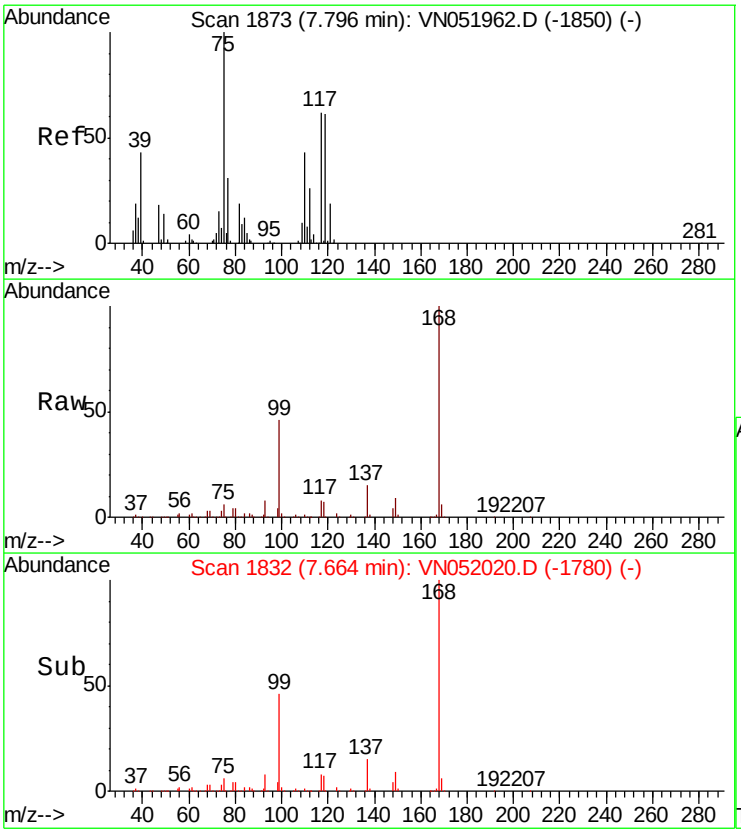
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tgt Ion:113 Resp: 635172

Ion	Ratio	Lower	Upper
113	100		
111	101.4	80.7	121.1
192	22.3	17.2	25.8

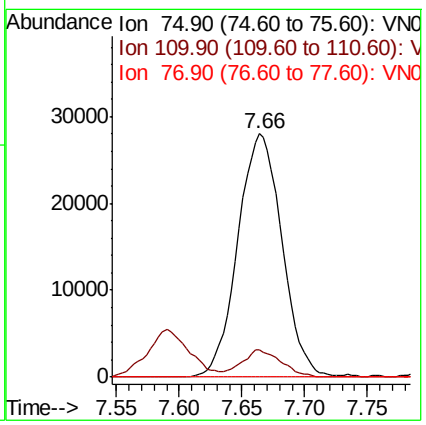


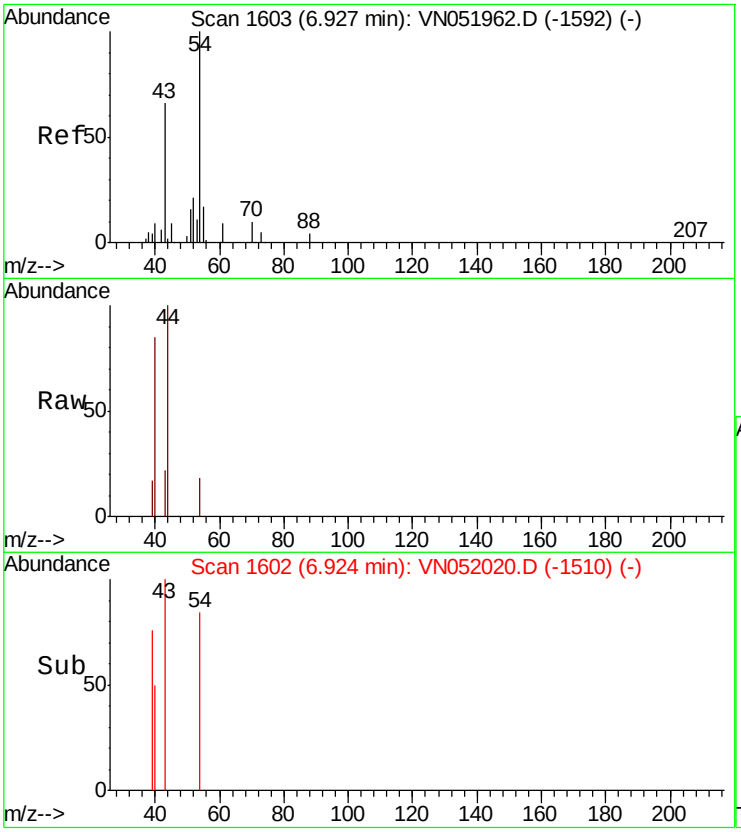


#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 75 Resp: 68485

Ion	Ratio	Lower	Upper
75	100		
110	10.0	20.9	62.8#
77	0.0	24.9	37.3#



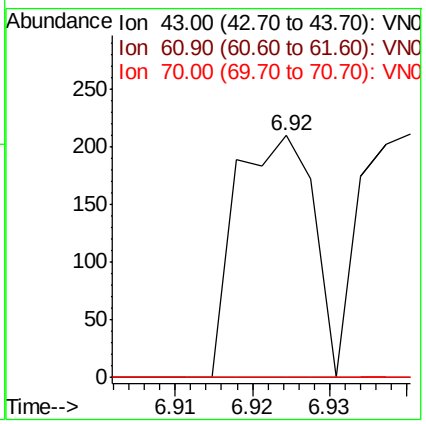


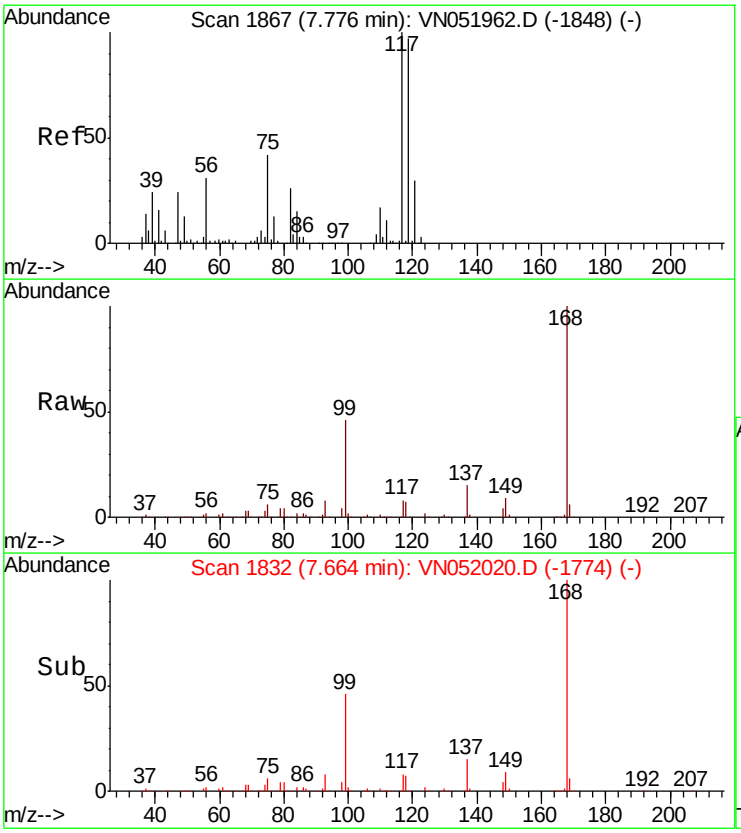
#37
Ethyl Acetate
Concen: Below Cal
RT: 6.92 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Tgt Ion: 43 Resp: 146

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

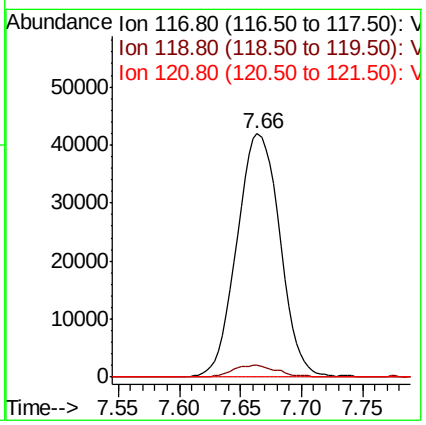


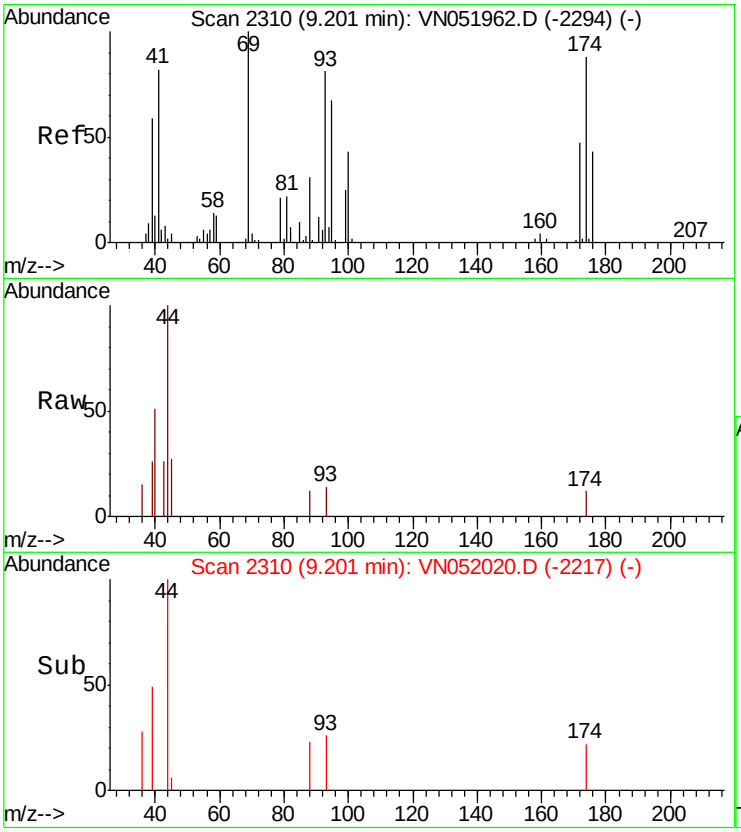


#38
Carbon Tetrachloride
Concen: 6.746 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion:117 Resp: 102481

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.0#
121	0.0	24.2	36.4#



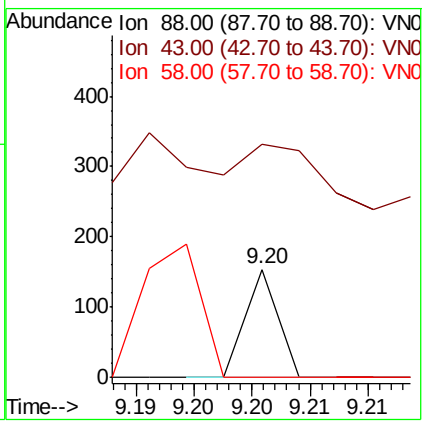


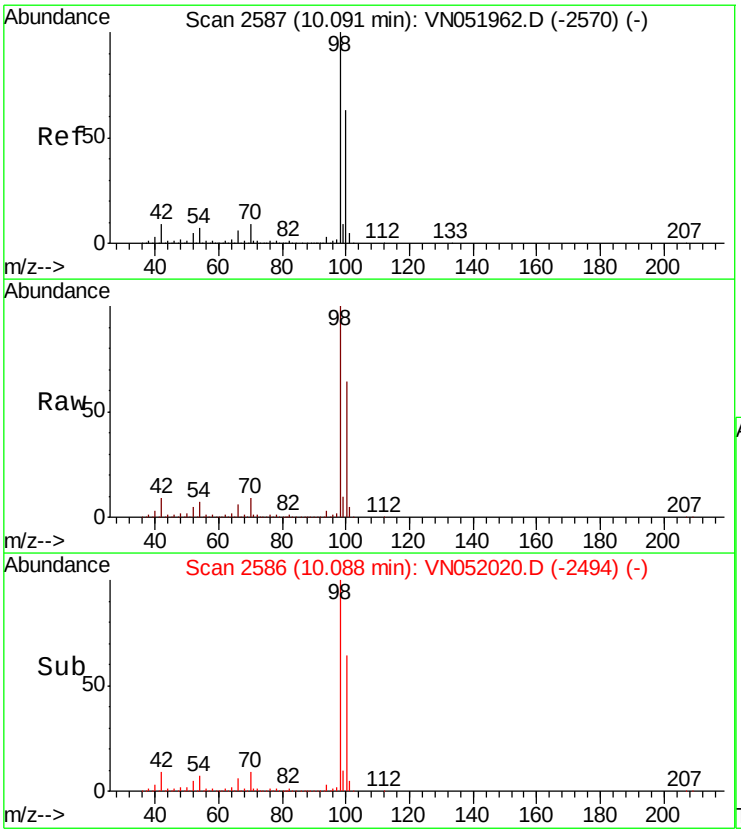
#49
1,4-Dioxane
Concen: 0.305 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tgt Ion: 88 Resp: 30

Ion	Ratio	Lower	Upper
88	100		
43	363.3	18.8	28.2#
58	223.3	39.8	59.6#

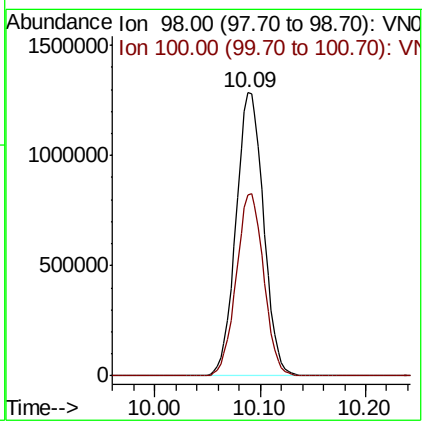


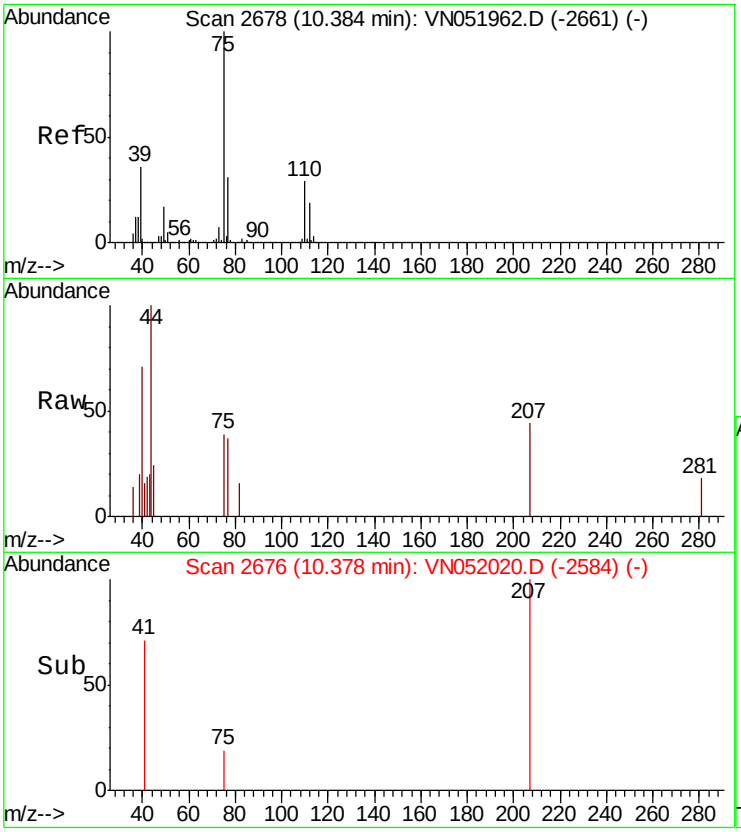


#50
Toluene-d8
Concen: 0.305 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 98 Resp: 2331259

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1



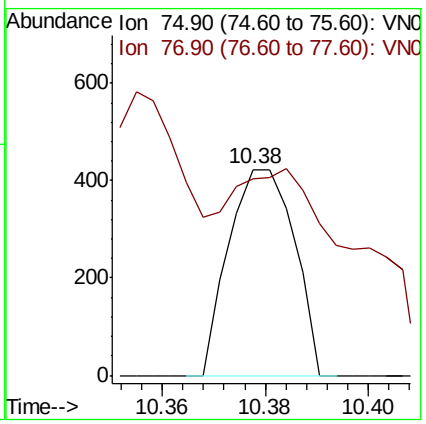


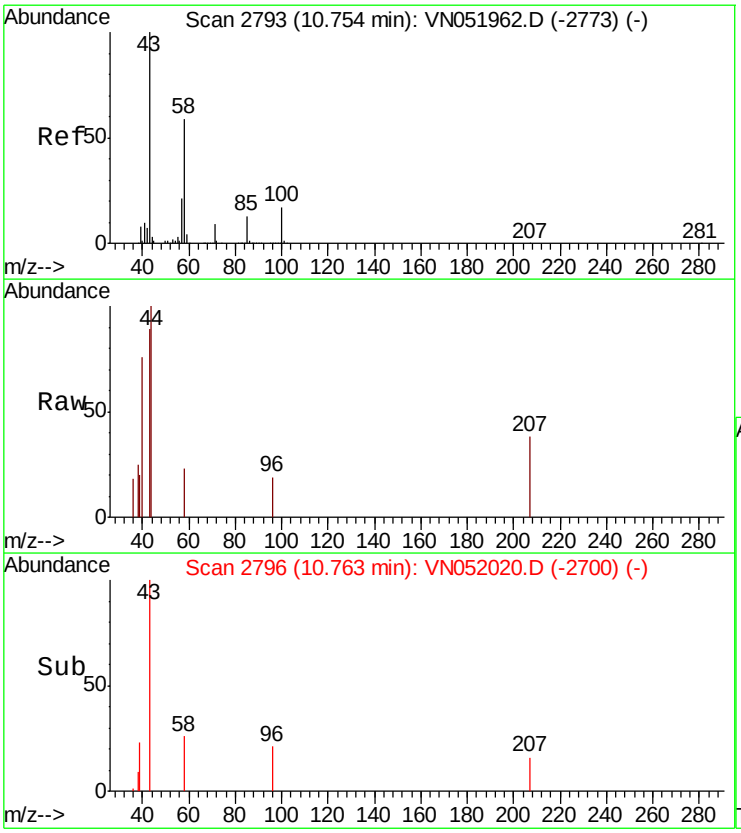
#53
t-1,3-Dichloropropene
Concen: 1.270 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tgt Ion: 75 Resp: 372

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.0	37.4

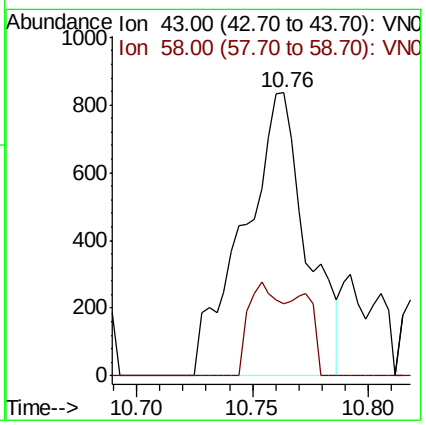


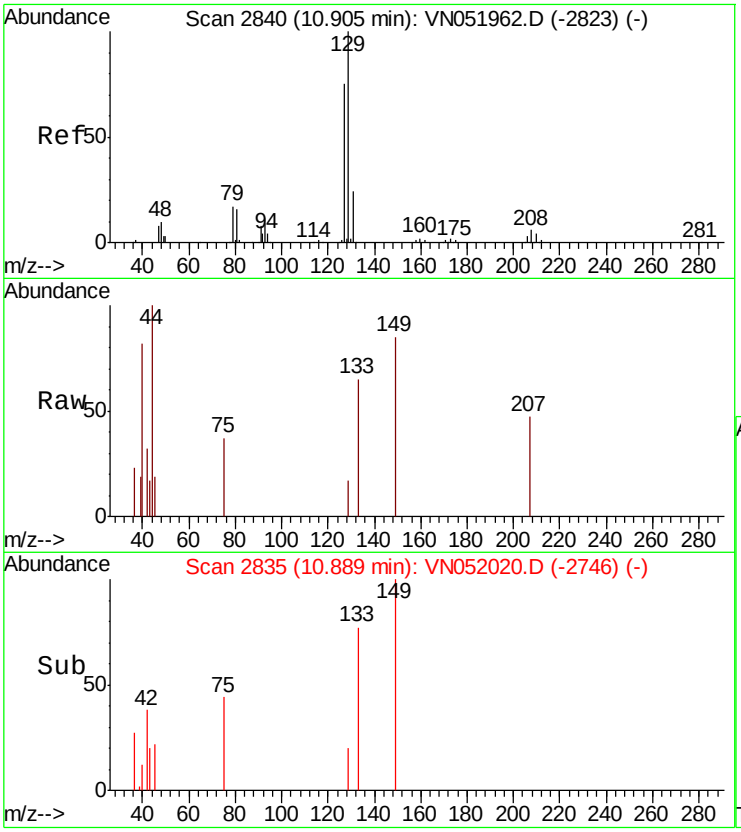


#59
2-Hexanone
Concen: 0.384 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 43 Resp: 1571

Ion	Ratio	Lower	Upper
43	100		
58	17.1	29.9	89.8#



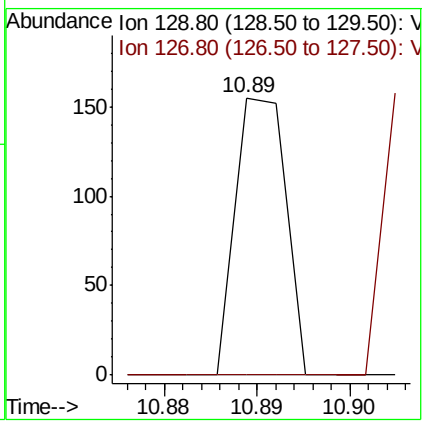


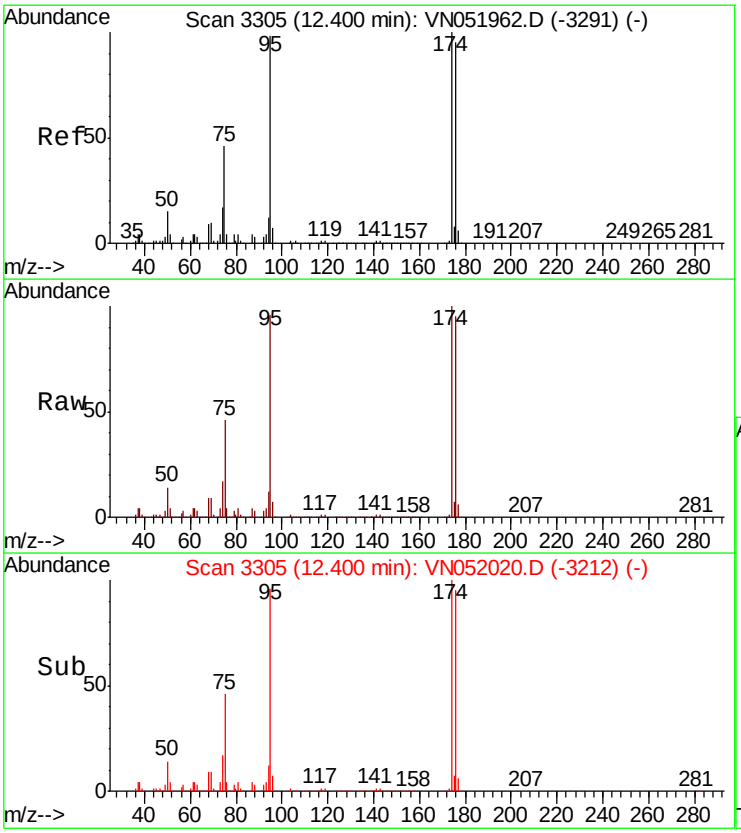
#60
Dibromochloromethane
Concen: 1.982 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.02 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Tgt Ion:129 Resp: 59

Ion	Ratio	Lower	Upper
129	100		
127	50.8	38.0	114.0

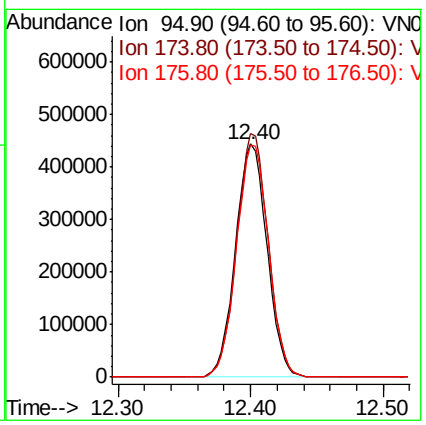


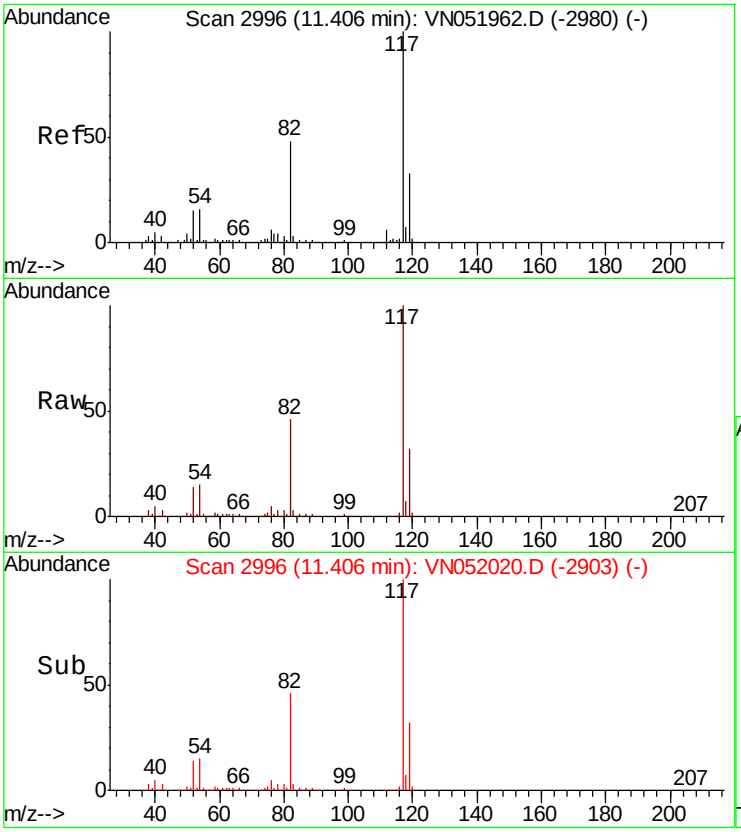


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 95 Resp: 734207

Ion	Ratio	Lower	Upper
95	100		
174	104.3	0.0	206.0
176	101.0	0.0	198.0



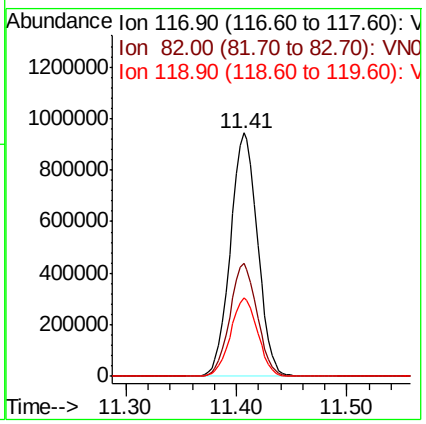


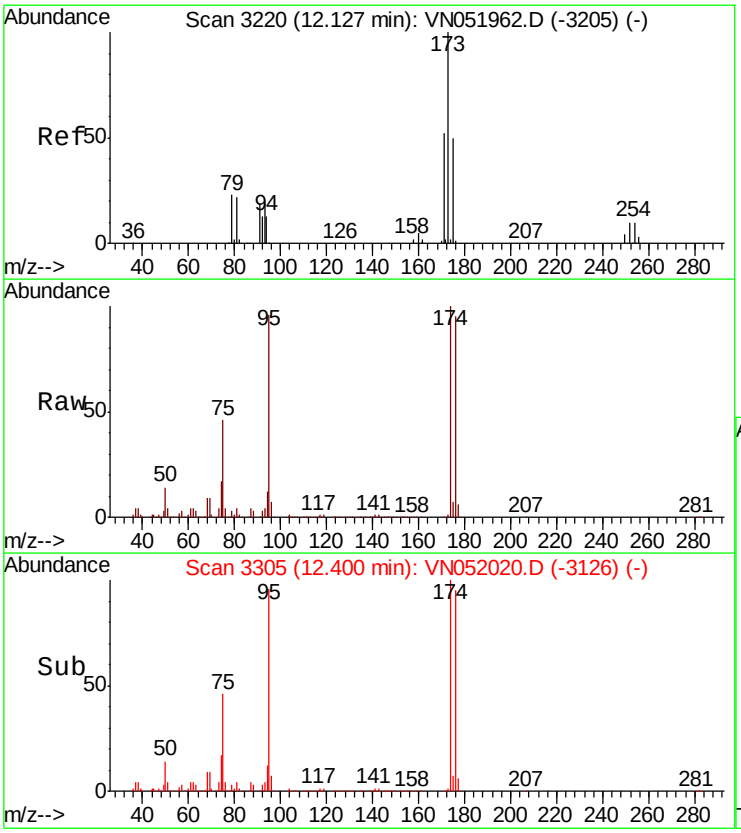
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Tgt Ion:117 Resp: 1612656

Ion	Ratio	Lower	Upper
117	100		
82	46.3	38.1	57.1
119	32.2	26.4	39.6

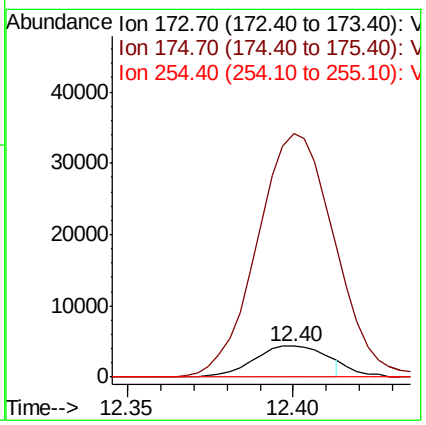


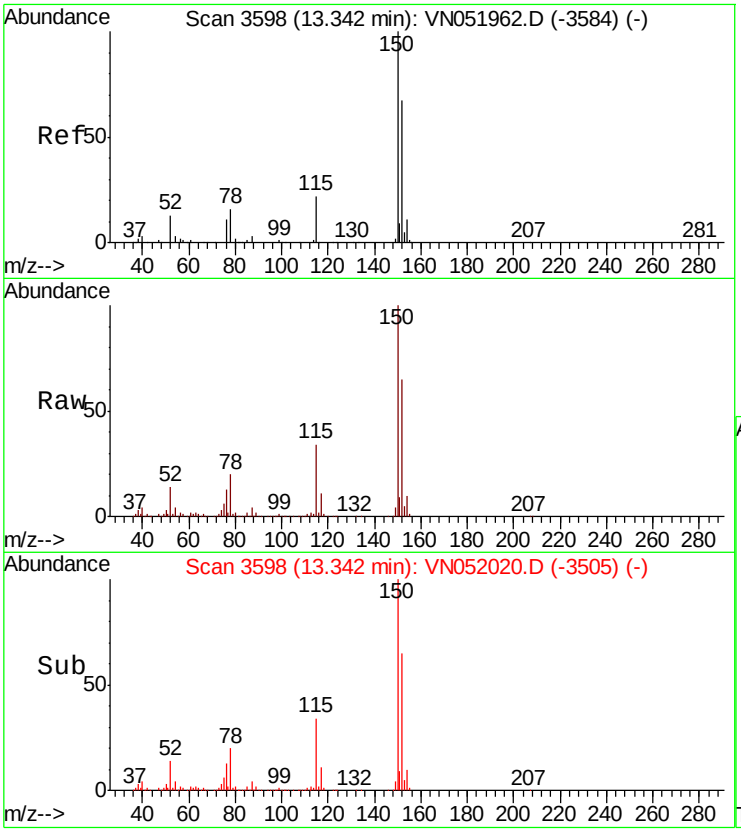


#71
Bromoform
Concen: 4.399 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion:173 Resp: 6599

Ion	Ratio	Lower	Upper
173	100		
175	756.3	24.6	74.0#
254	0.0	0.1	0.1#



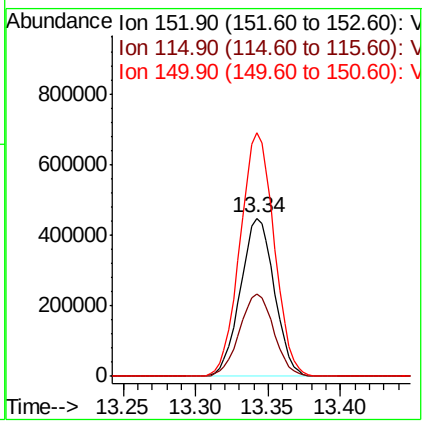


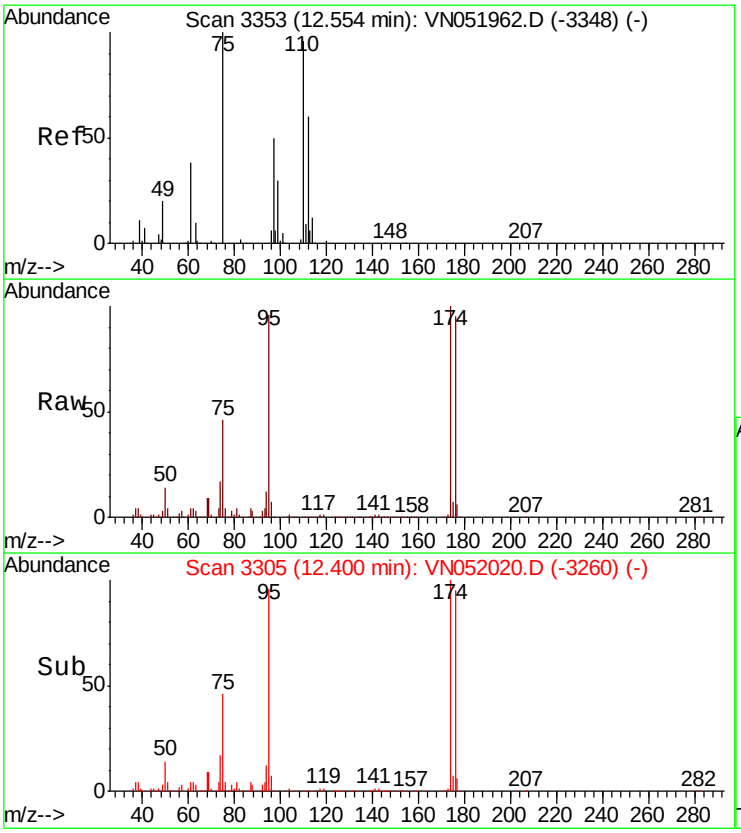
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Tgt Ion:152 Resp: 727479

Ion	Ratio	Lower	Upper
152	100		
115	52.6	25.8	77.3
150	154.8	0.0	344.4

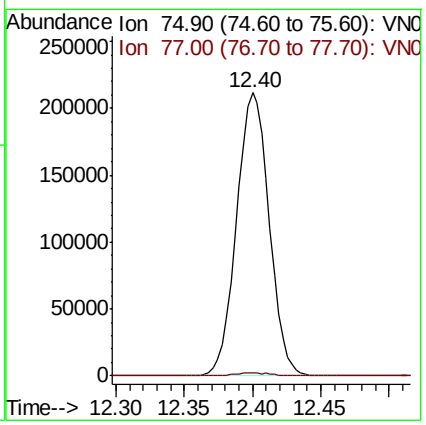


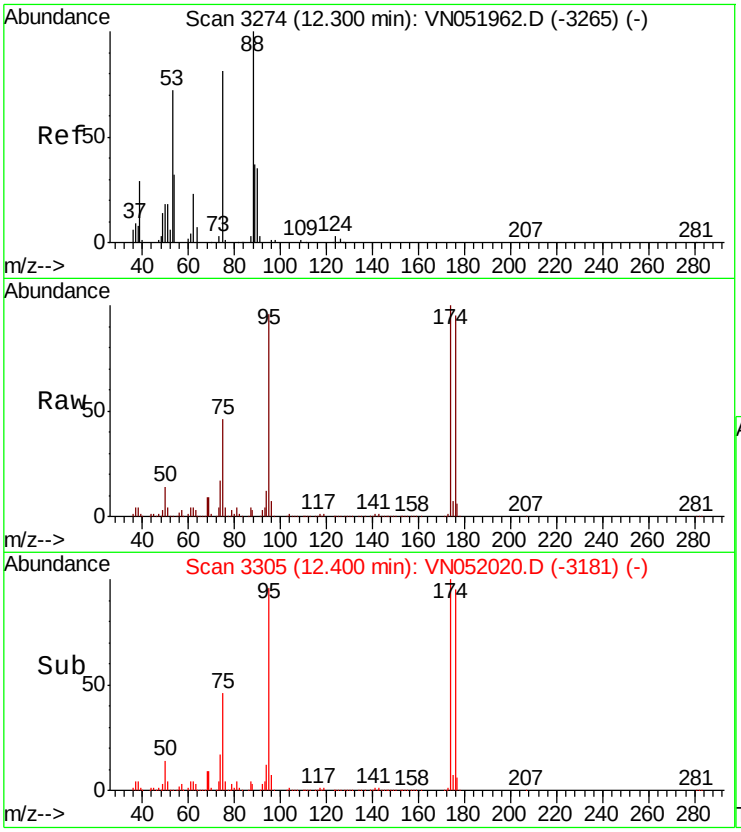


#76
1,2,3-Trichloropropane
Concen: 46.587 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 75 Resp: 350075

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



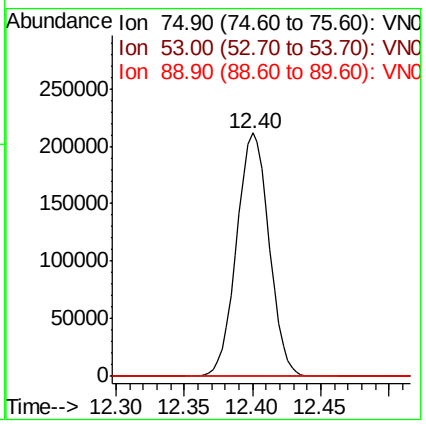


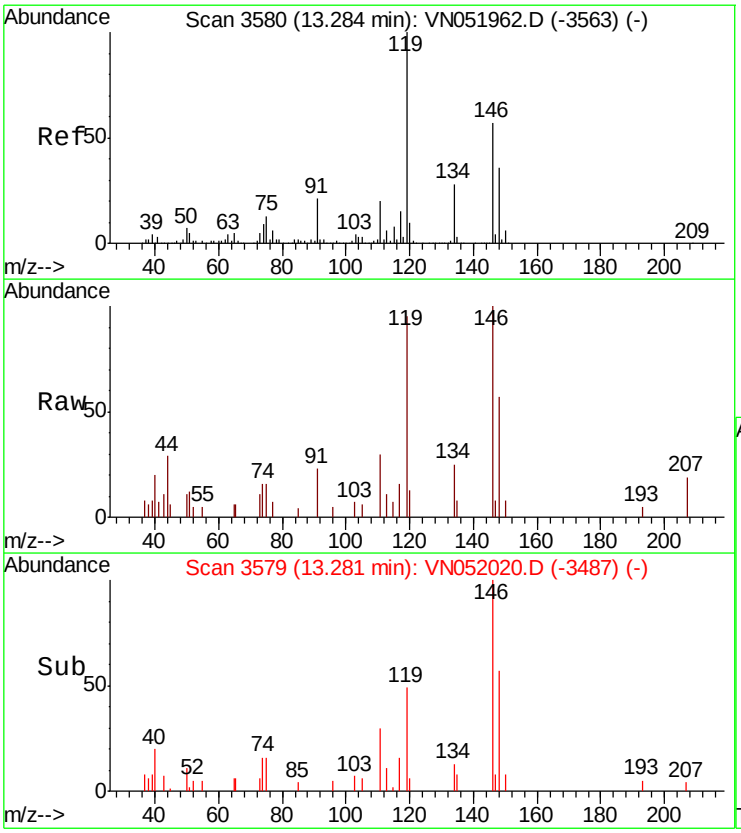
#81
trans-1,4-Dichloro-2-butene
Concen: 146.561 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tgt Ion: 75 Resp: 350075

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

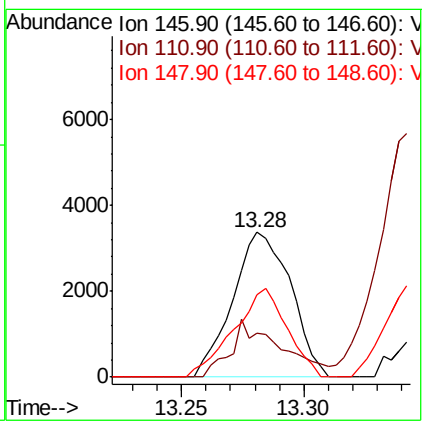


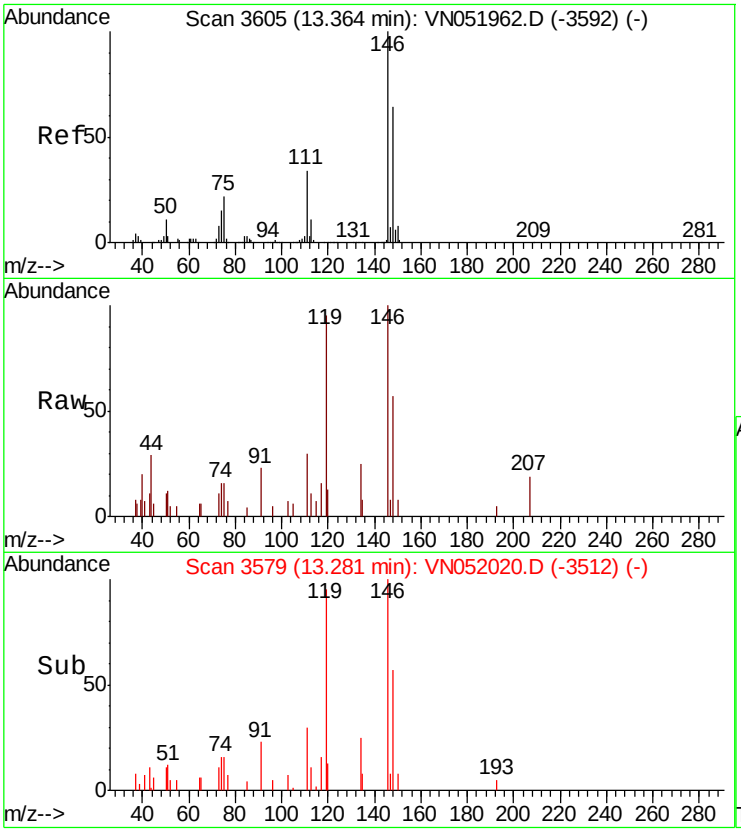


#87
1,3-Dichlorobenzene
Concen: 0.237 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion:146 Resp: 5576

Ion	Ratio	Lower	Upper
146	100		
111	34.6	17.6	52.8
148	56.1	32.0	96.0



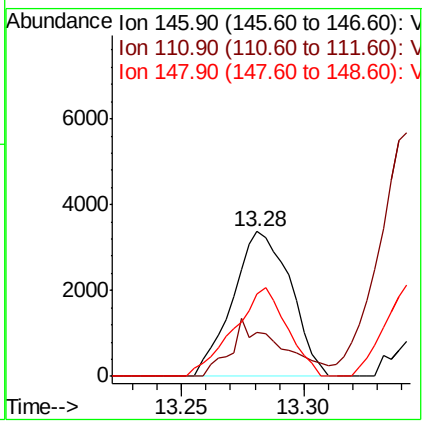


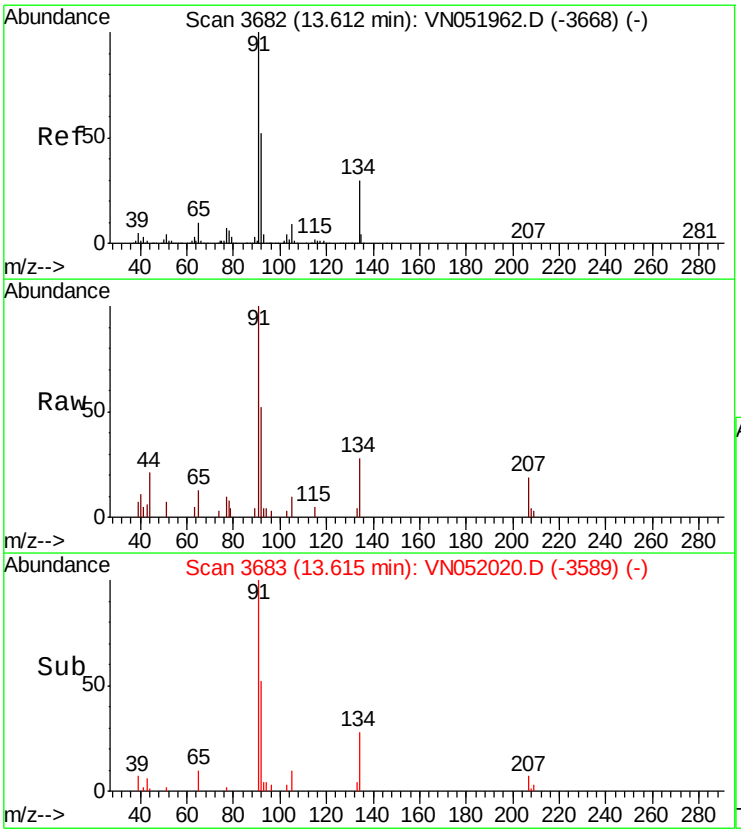
#88
1,4-Dichlorobenzene
Concen: 0.241 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.08 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument : MSVOA_N
ClientSampleId : VN1026WBL01

Tgt Ion:146 Resp: 5576

Ion	Ratio	Lower	Upper
146	100		
111	34.6	17.3	51.7
148	56.1	32.1	96.3

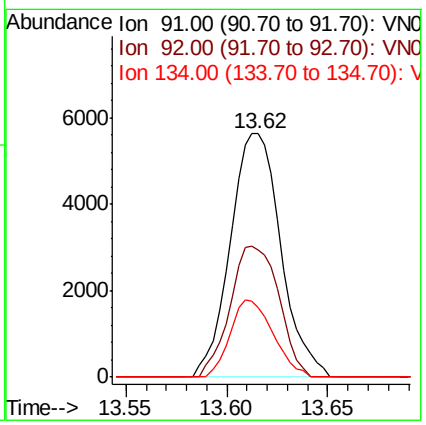


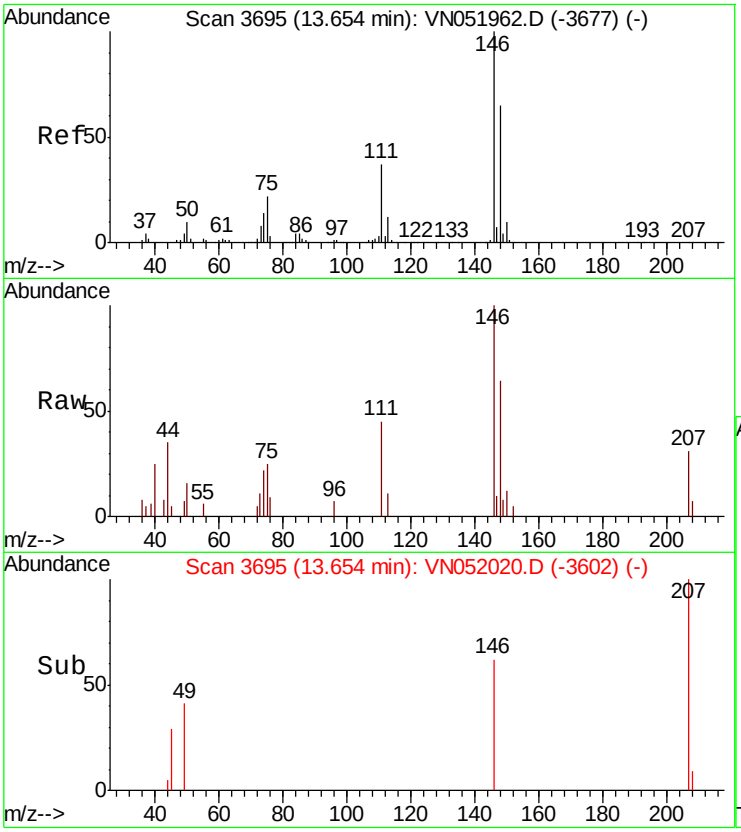


#89
n-Butylbenzene
Concen: 0.301 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 91 Resp: 9865

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	27.0	15.2	45.6



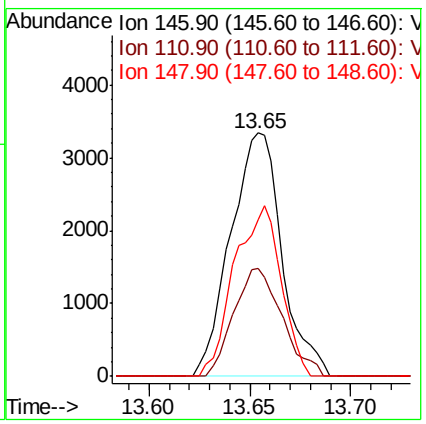


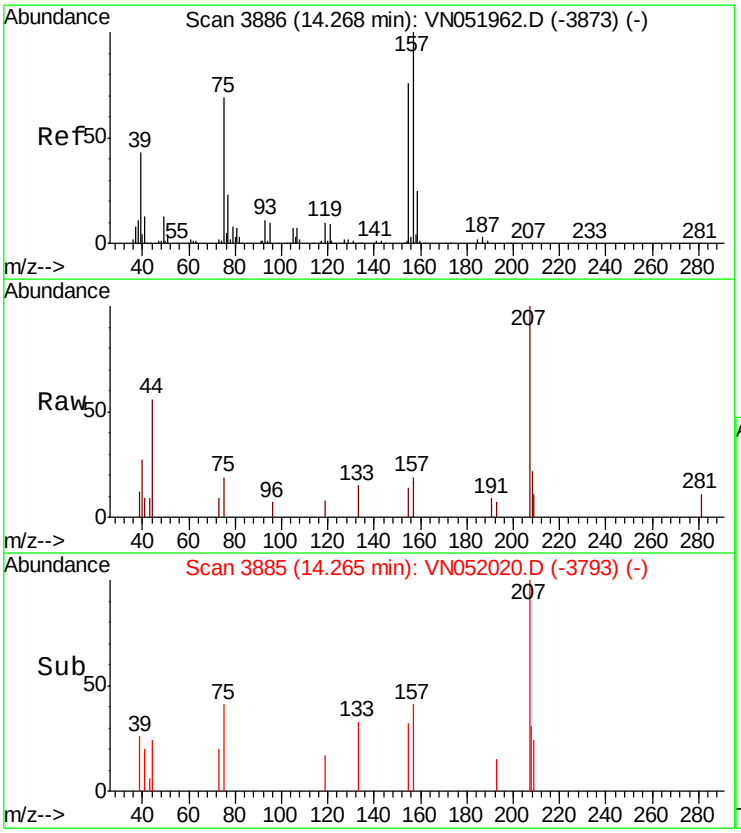
#91
1,2-Dichlorobenzene
Concen: 0.262 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tgt Ion:146 Resp: 5947

Ion	Ratio	Lower	Upper
146	100		
111	41.8	18.3	54.9
148	63.9	32.4	97.0

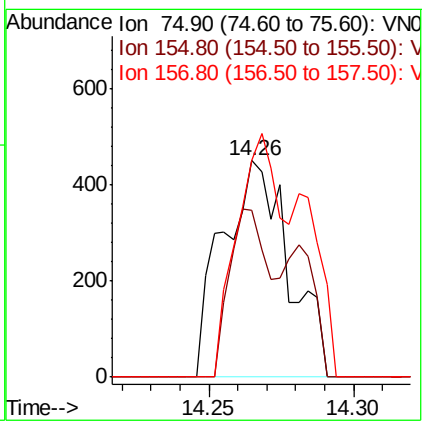


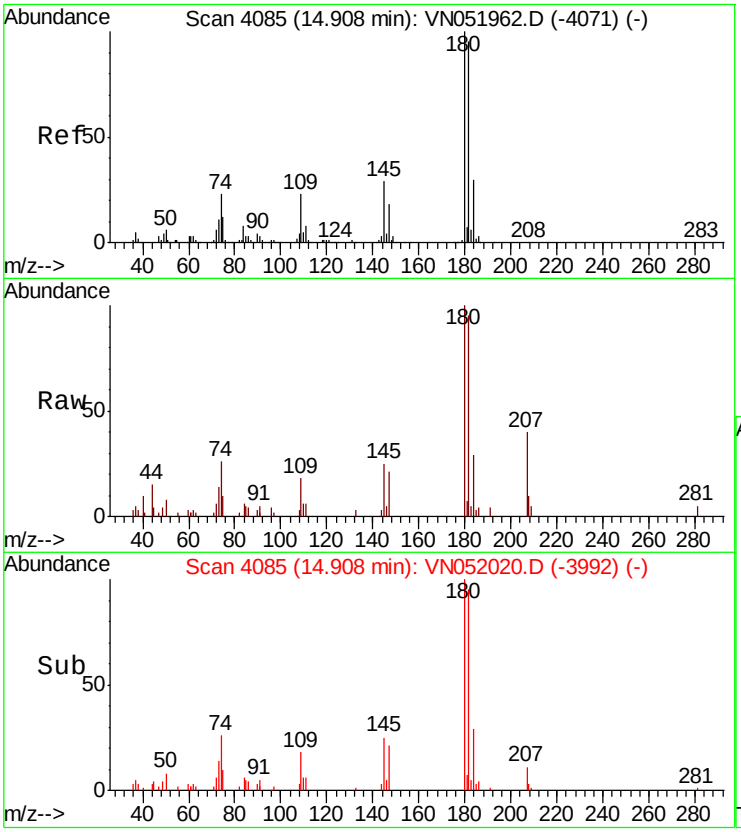


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.488 ug/l
RT: 14.26 min Scan# 3885
Delta R.T. -0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion: 75 Resp: 714

Ion	Ratio	Lower	Upper
75	100		
155	42.9	56.0	167.9#
157	77.0	73.9	221.6



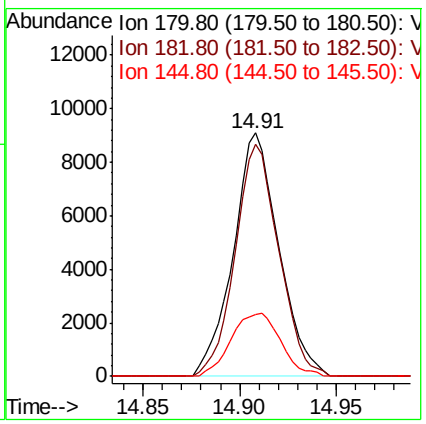


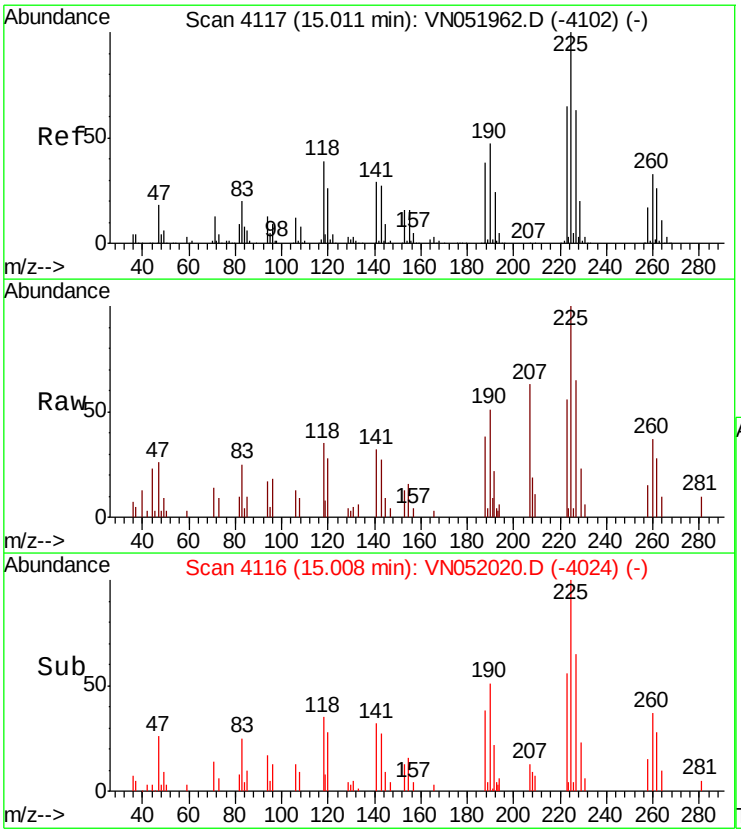
#93
1,2,4-Trichlorobenzene
Concen: 1.109 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tgt Ion:180 Resp: 14881

Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.8	143.4
145	28.2	14.5	43.5

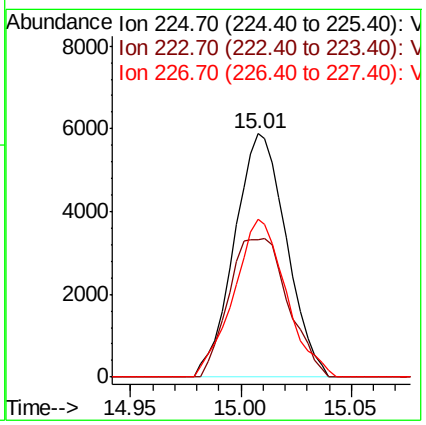


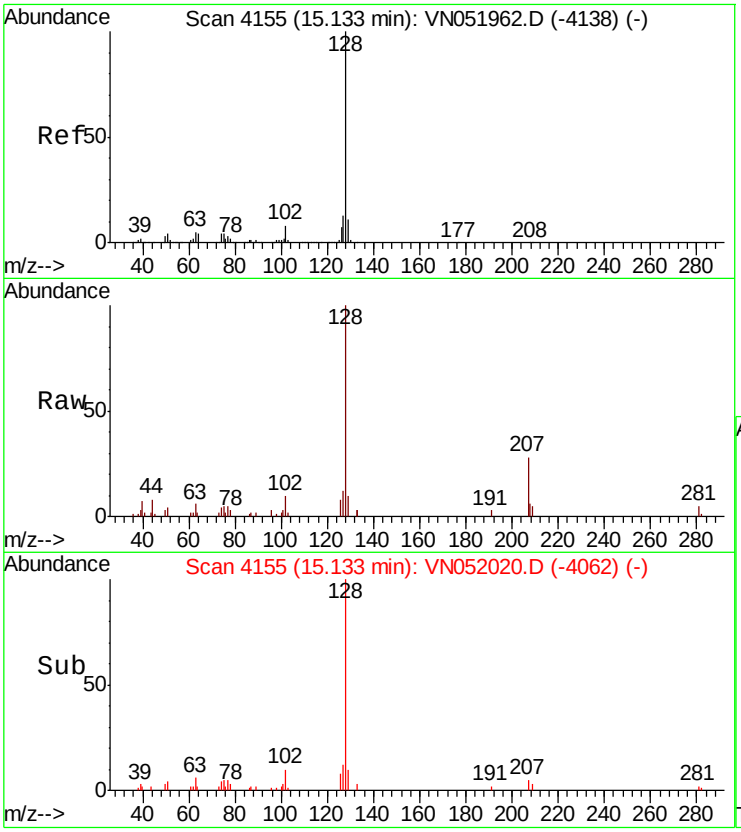


#94
Hexachlorobutadiene
Concen: 1.398 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion:225 Resp: 9637

Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.8	95.4
227	65.4	31.4	94.2



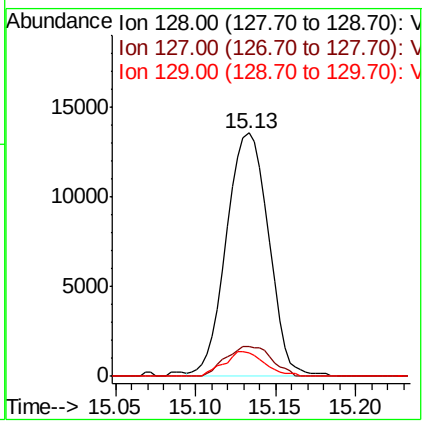


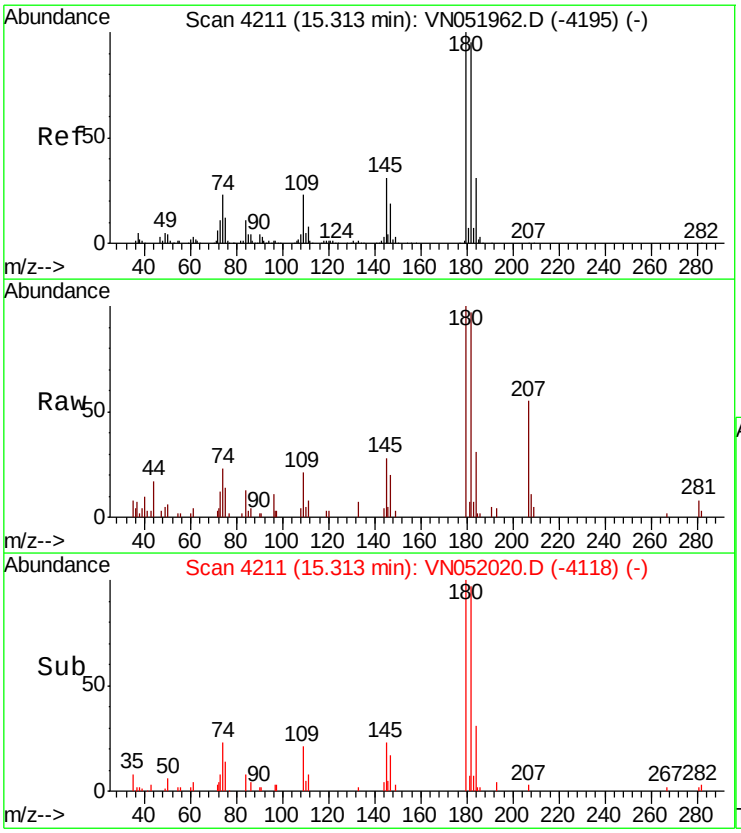
#95
Naphthalene
Concen: 0.840 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tgt Ion:128 Resp: 24493

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	9.9	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.042 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052020.D
Acq: 26 Oct 2018 11:29

Tgt Ion:180 Resp: 13361

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.9	143.6
145	28.2	15.4	46.2