Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021920\
Data File : VN060158.D
Acq On : 19 Feb 2020 17:02
Operator : JC/MD
Sample : L1601-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Feb 20 01:19:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	155693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	241195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	220279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	93341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	87671	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.56%			
35) Dibromofluoromethane	7.56	113	73837	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.60%			
50) Toluene-d8	10.08	98	288745	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.92%			
62) 4-Bromofluorobenzene	12.40	95	99792	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.02%			
Target Compounds						Qvalue
16) Acetone	3.79	43	366	0.443	ug/l #	43
31) Cyclohexane	7.64	56	3052	1.139	ug/l #	5
36) 1,1-Dichloropropene	7.64	75	11177	5.003	ug/l #	48
38) Carbon Tetrachloride	7.64	117	14462	5.961	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	1345	0.673	ug/l #	35
59) 2-Hexanone	10.75	43	968	0.627	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	50885	28.494	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	50885	69.768	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.27	75	204	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	816	0.463	ug/l	94
94) Hexachlorobutadiene	15.01	225	220	0.213	ug/l	97
95) Naphthalene	15.13	128	3263	0.686	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.31	180	1008	0.575	ug/l	86

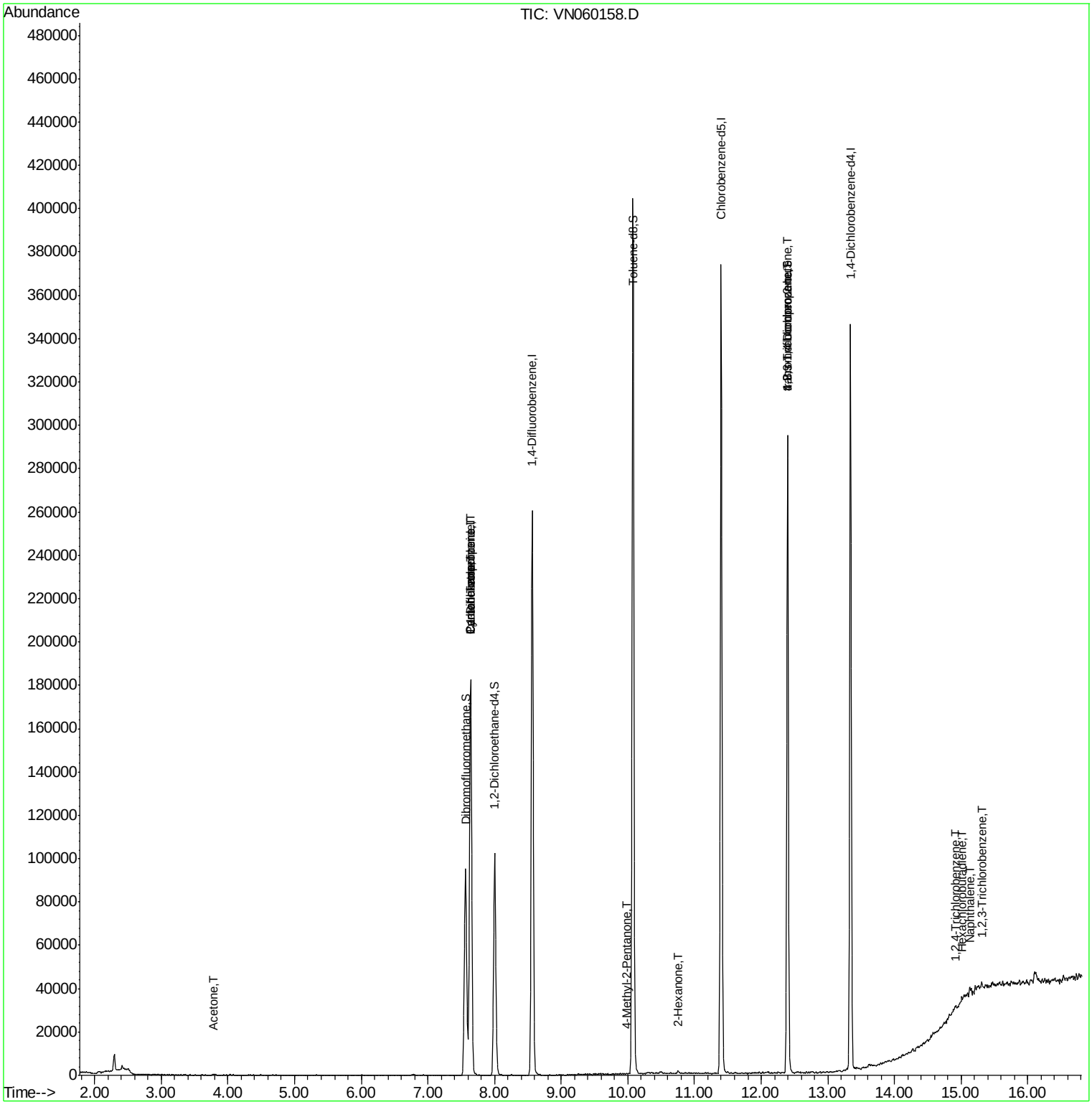
(#) = qualifier out of range (m) = manual integration (+) = signals summed

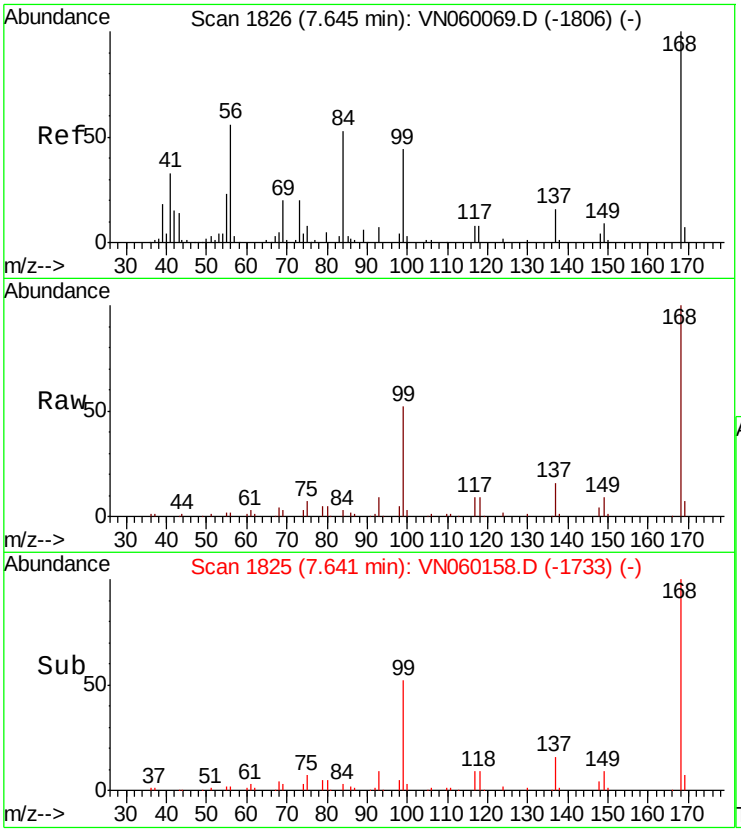
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021920\
Data File : VN060158.D
Acq On : 19 Feb 2020 17:02
Operator : JC/MD
Sample : L1601-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 20 01:19:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration



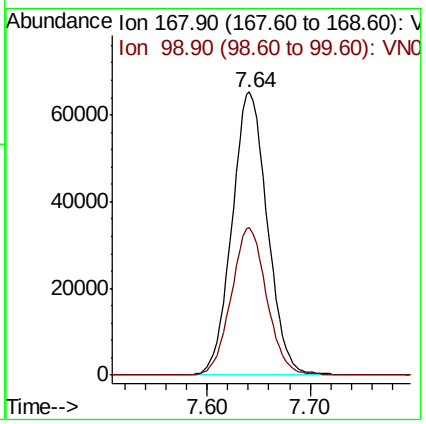


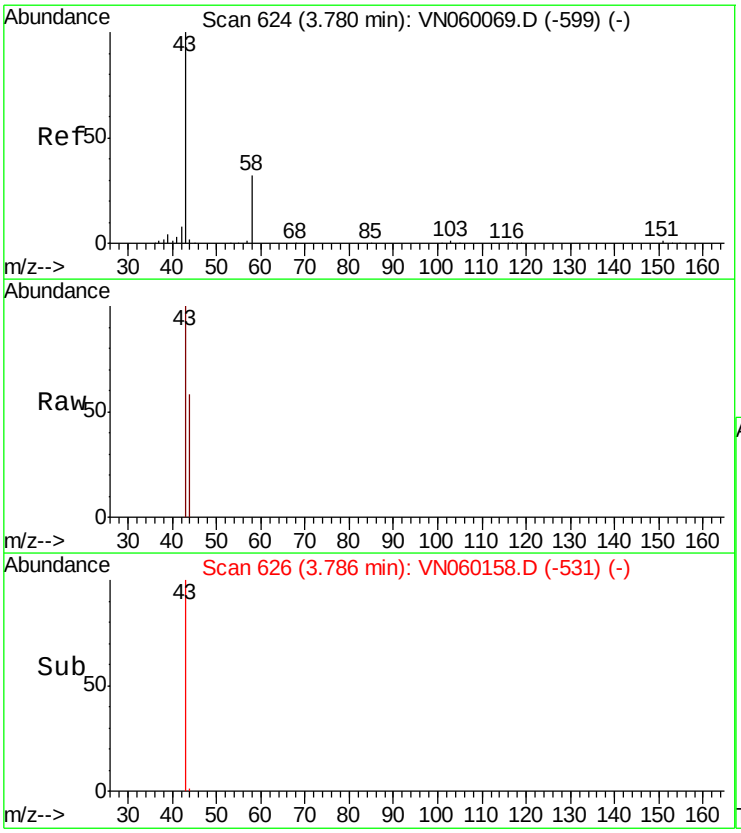
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 155693

Ion	Ratio	Lower	Upper
168	100		
99	52.2	42.7	64.1

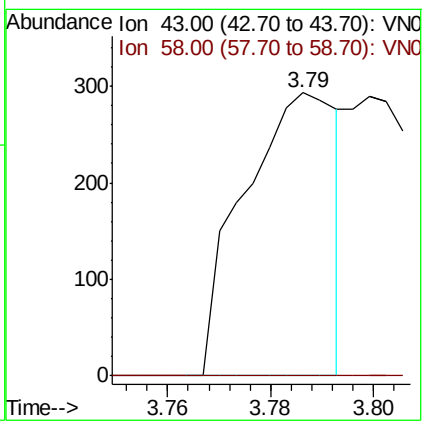


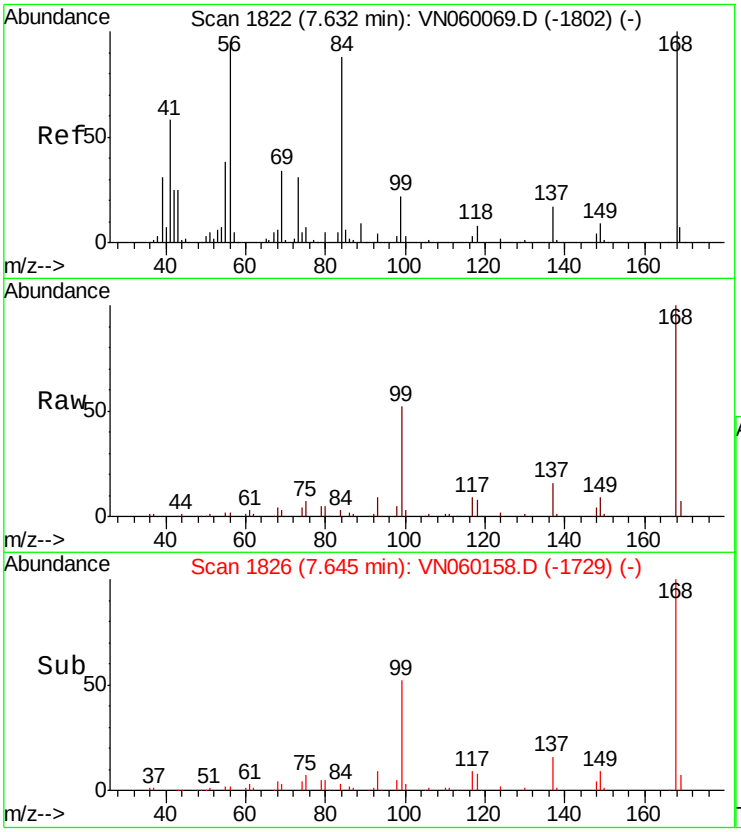


#16
Acetone
Concen: 0.443 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion: 43 Resp: 366

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.2	37.8#



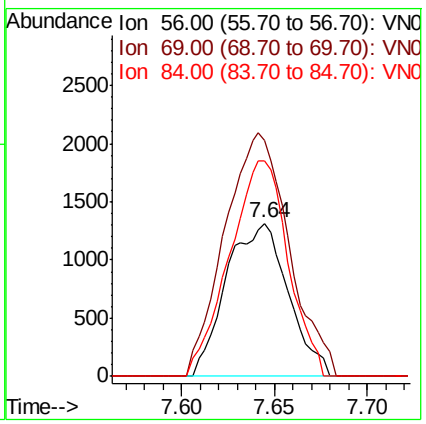


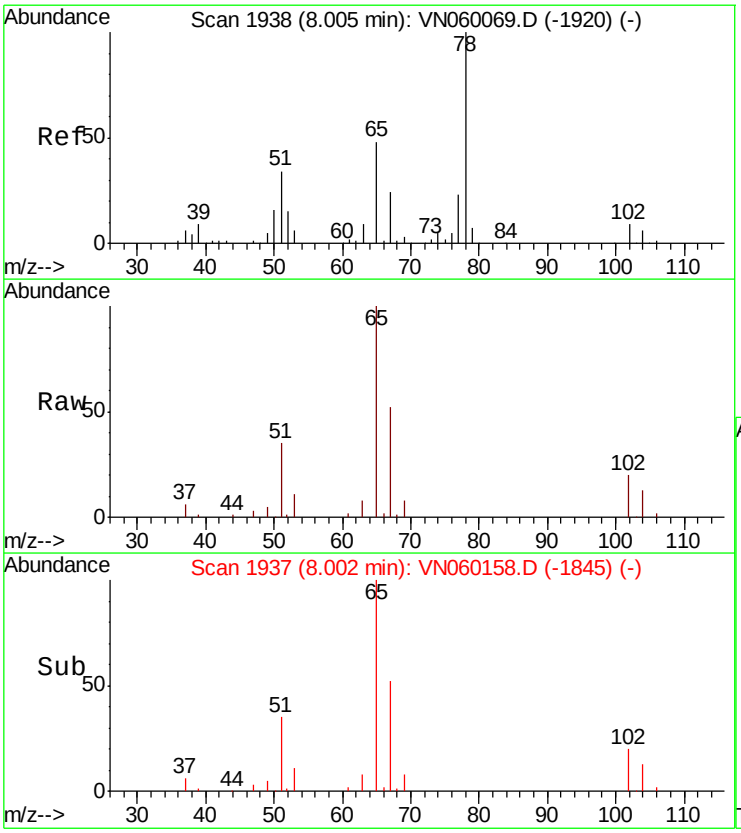
#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 3052

Ion	Ratio	Lower	Upper
56	100		
69	154.0	28.3	42.5#
84	140.5	72.6	108.8#

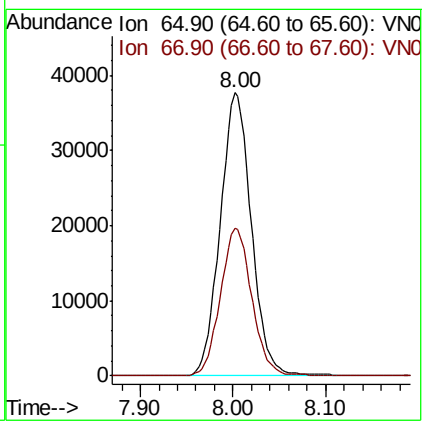


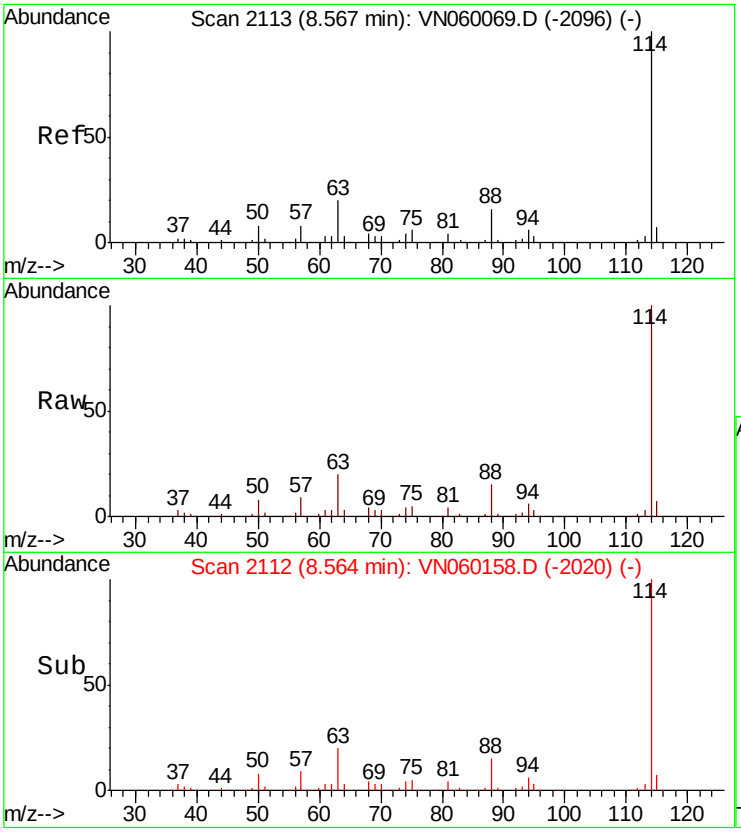


#33
1,2-Dichloroethane-d4
Concen: 46.276 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion: 65 Resp: 87671

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.0



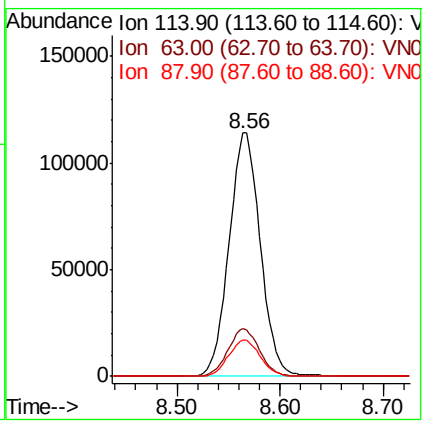


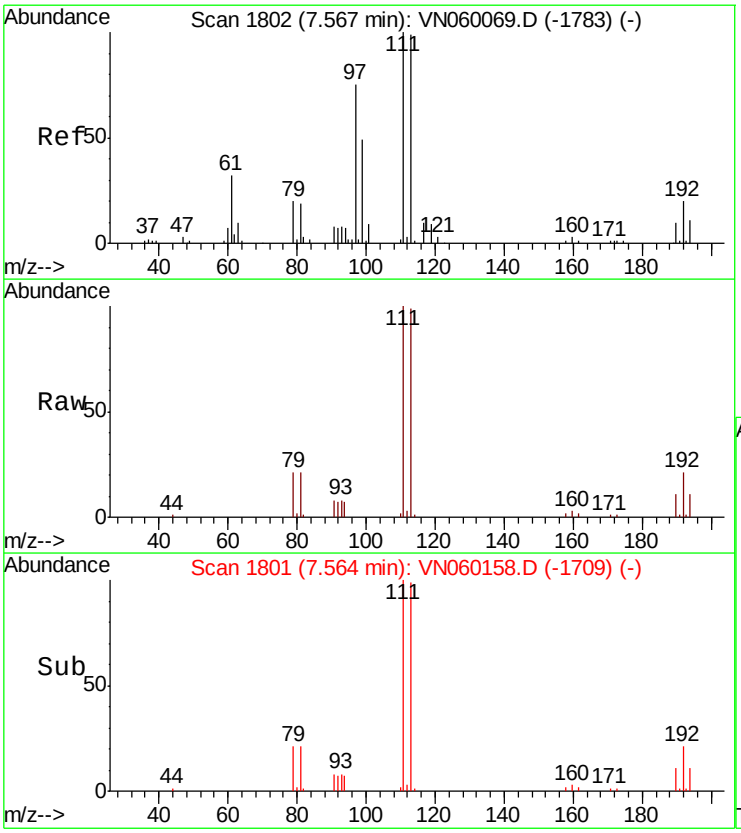
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 241195

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.0
88	14.9	0.0	31.6

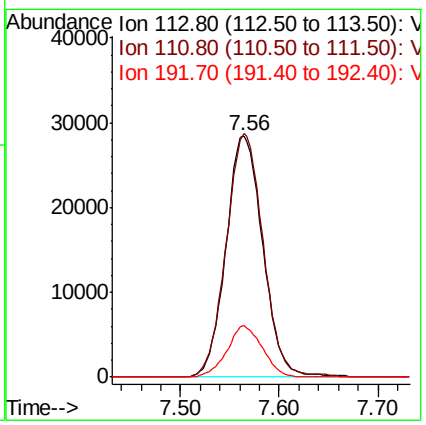


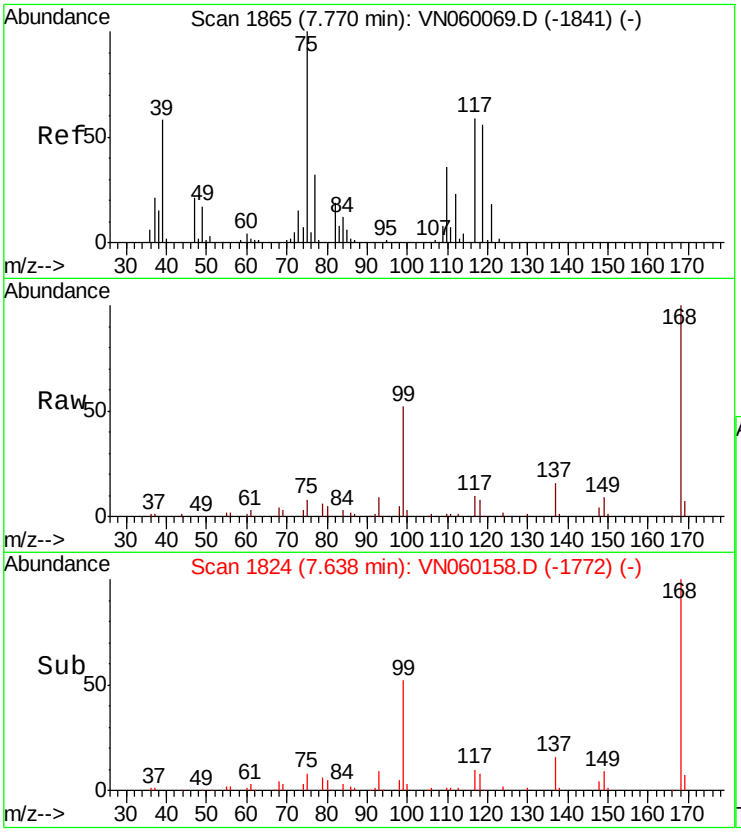


#35
Dibromofluoromethane
Concen: 49.801 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion:113 Resp: 73837

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.2
192	20.4	16.2	24.2



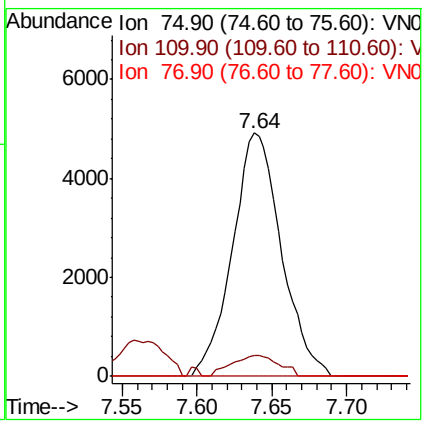


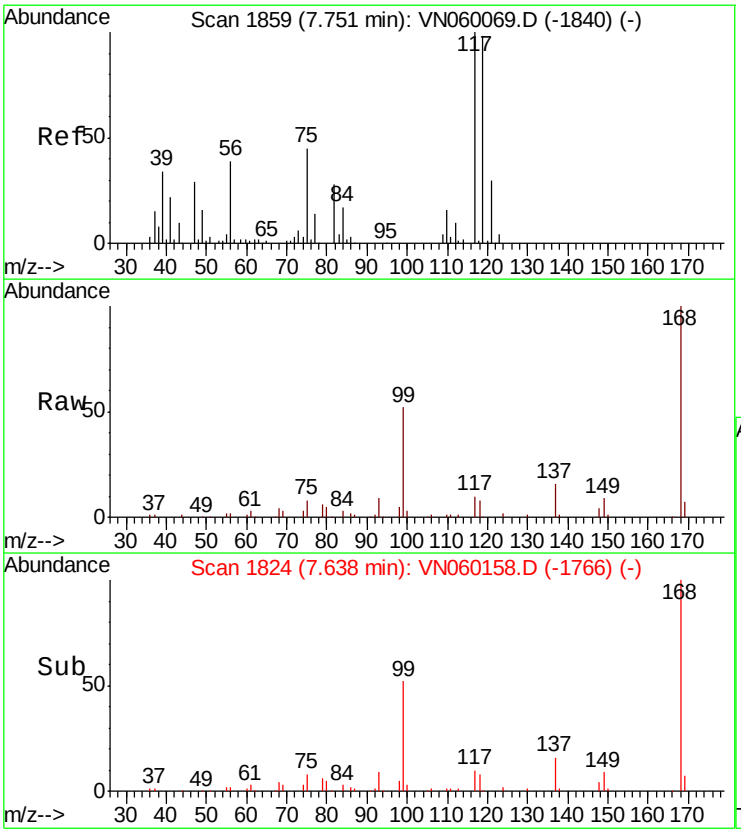
#36
1,1-Dichloropropene
Concen: 5.003 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.13 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 11177

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.3#
77	0.0	25.1	37.7#

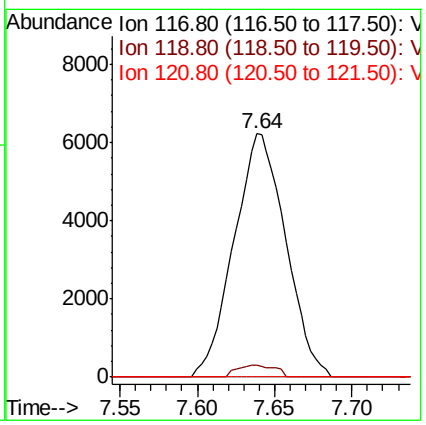


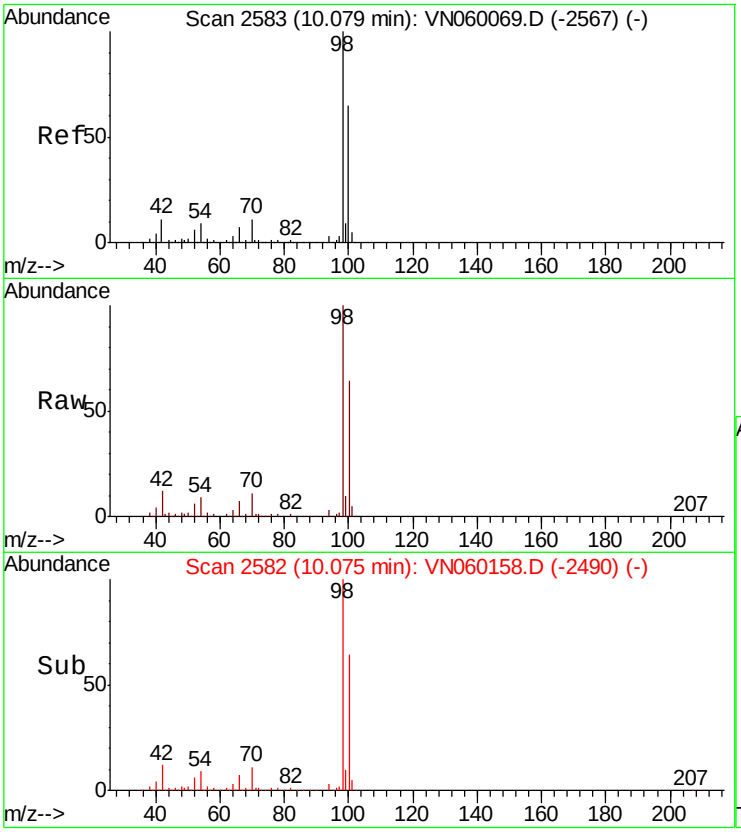


#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion:117 Resp: 14462

Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.2	117.4#
121	0.0	24.2	36.2#



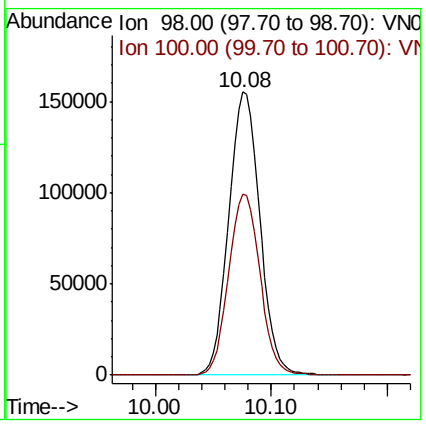


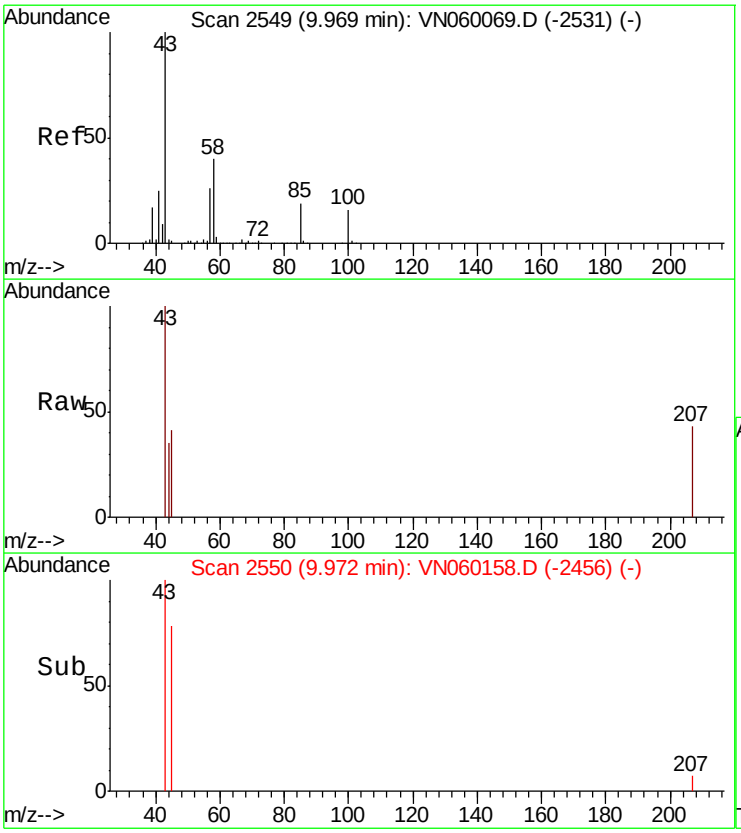
#50
Toluene-d8
Concen: 49.455 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 288745

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5

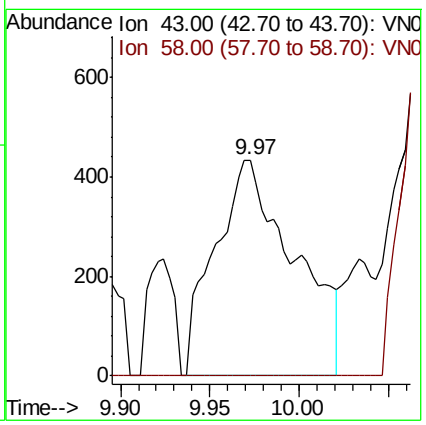


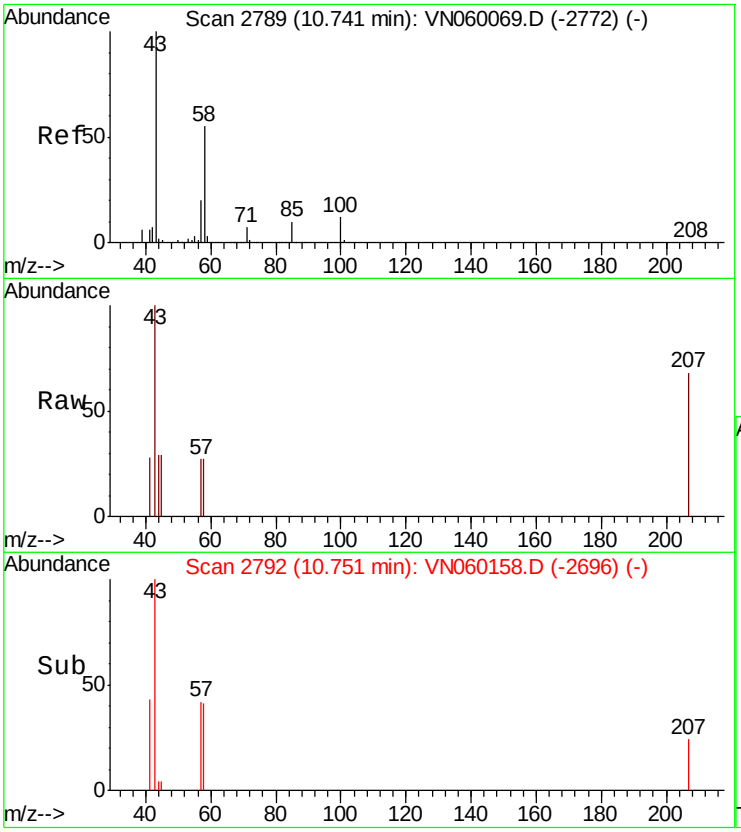


#51
4-Methyl-2-Pentanone
Concen: 0.673 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion: 43 Resp: 1345

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.8#



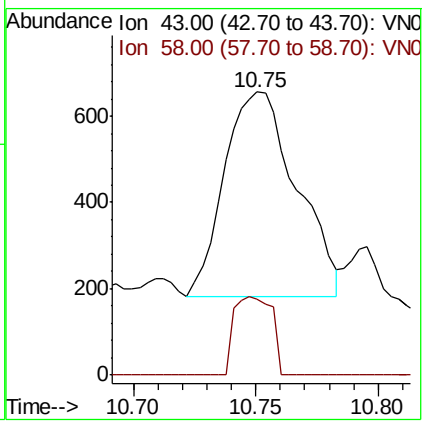


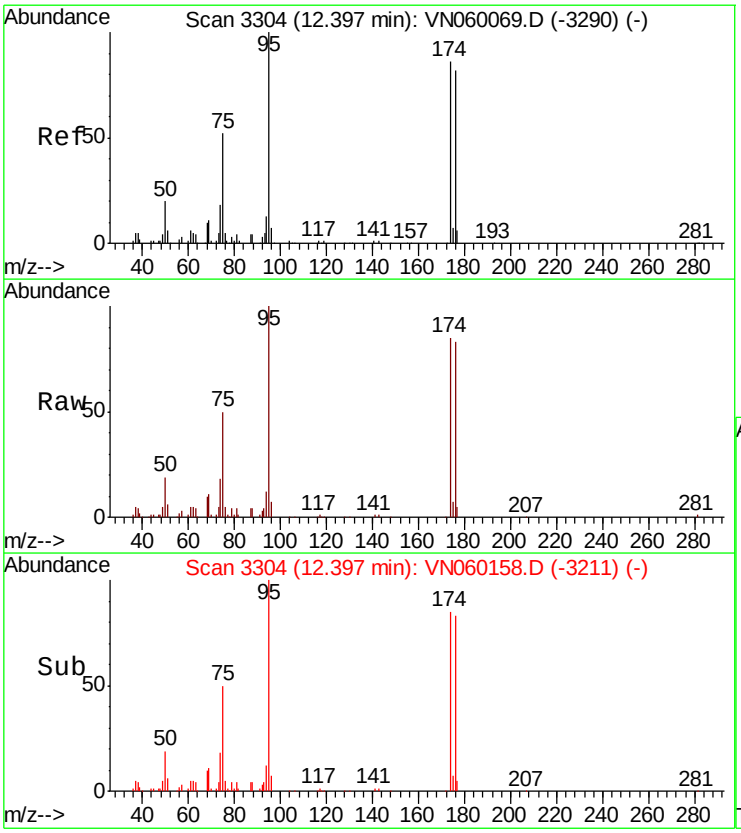
#59
2-Hexanone
Concen: 0.627 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.01 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 968

Ion	Ratio	Lower	Upper
43	100		
58	20.0	27.5	82.4#

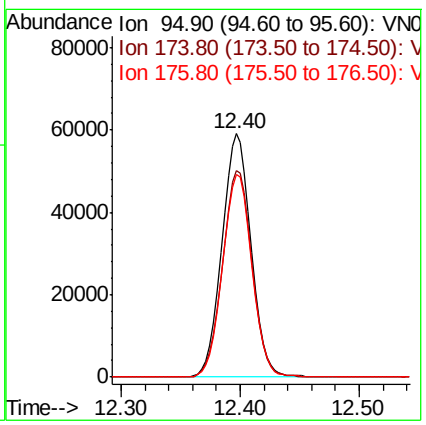


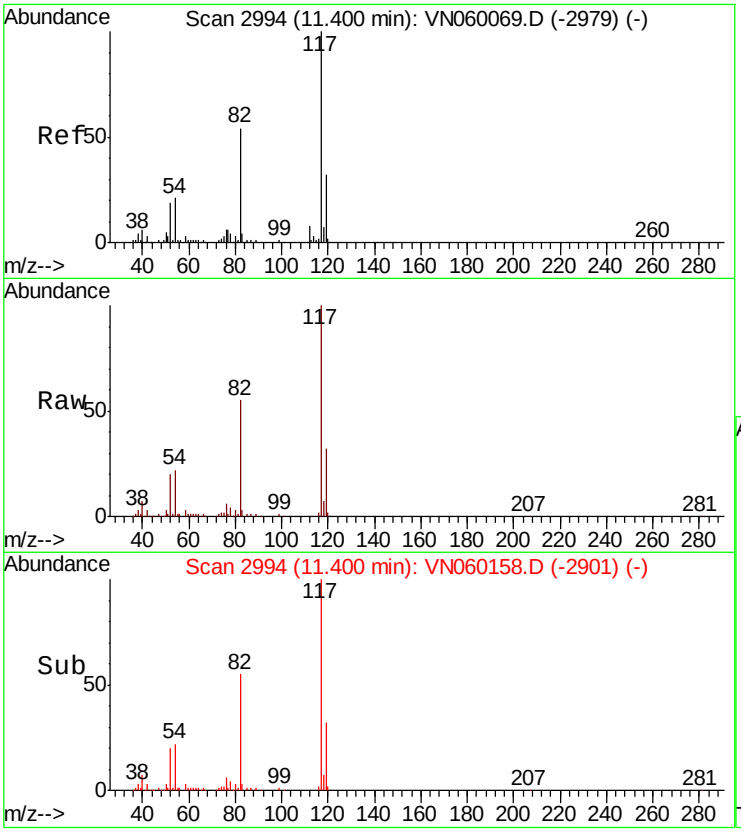


#62
4-Bromofluorobenzene
Concen: 46.515 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion: 95 Resp: 99792

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	169.8
176	84.3	0.0	164.8



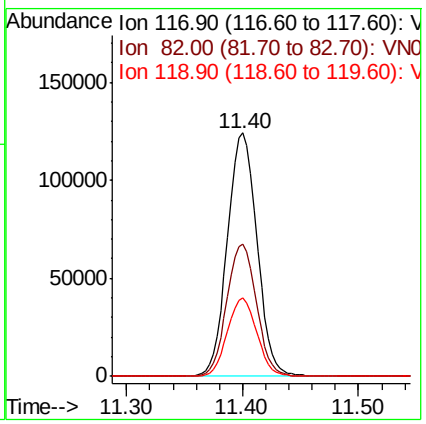


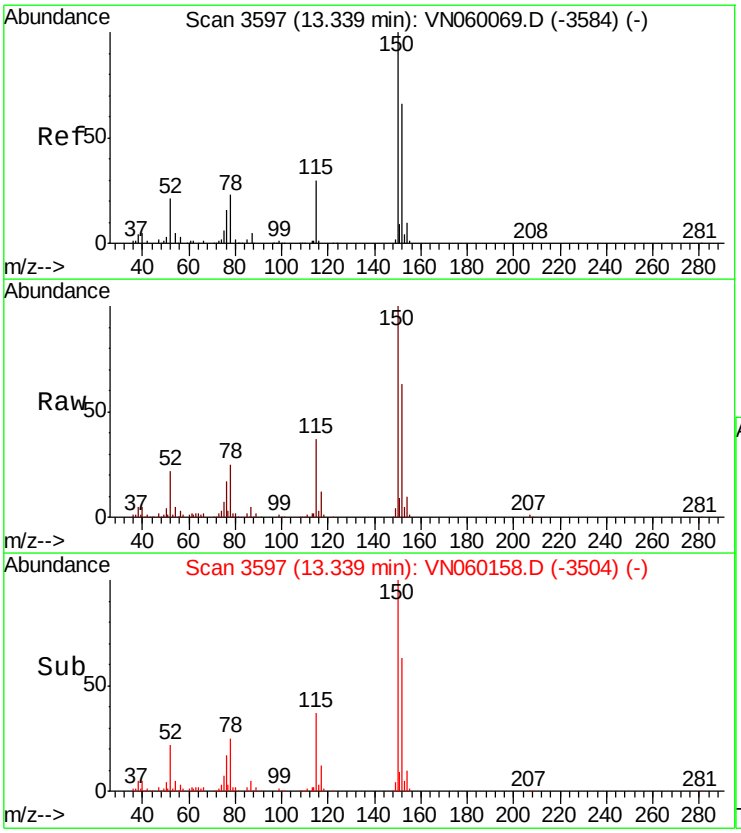
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 220279

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.0
119	32.0	25.8	38.6

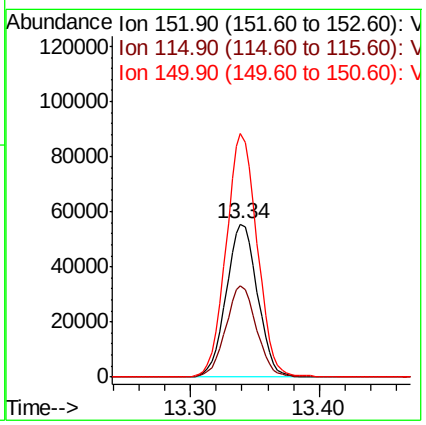


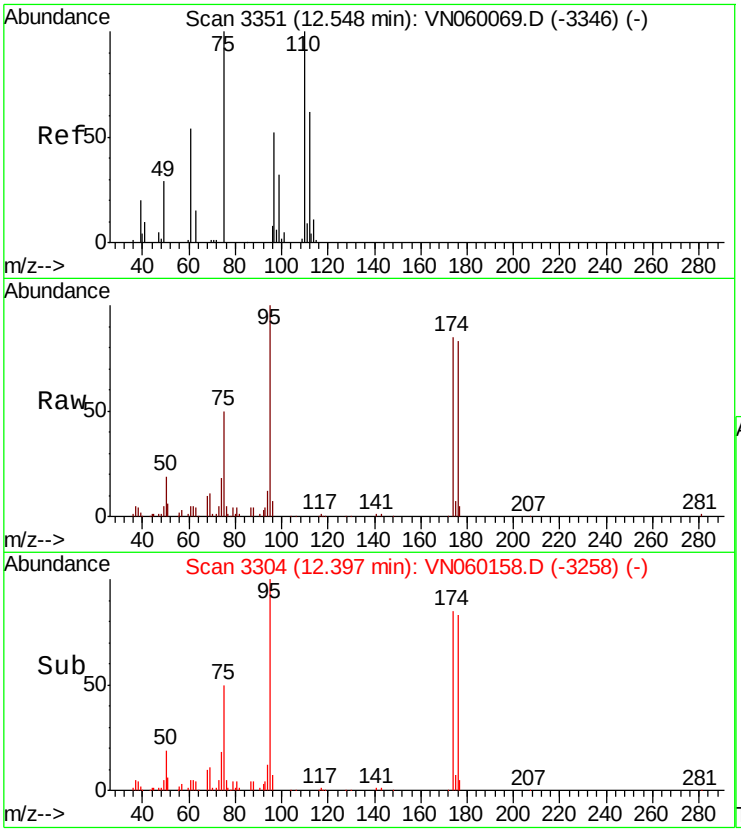


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion:152 Resp: 93341

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.8
150	158.2	0.0	342.4



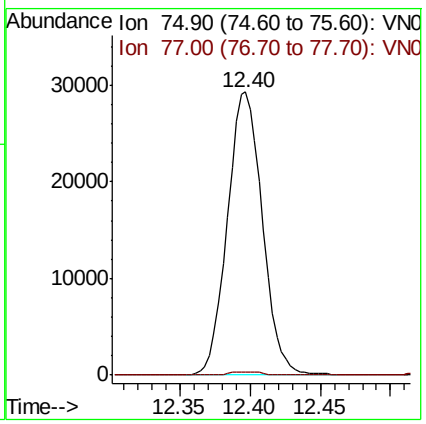


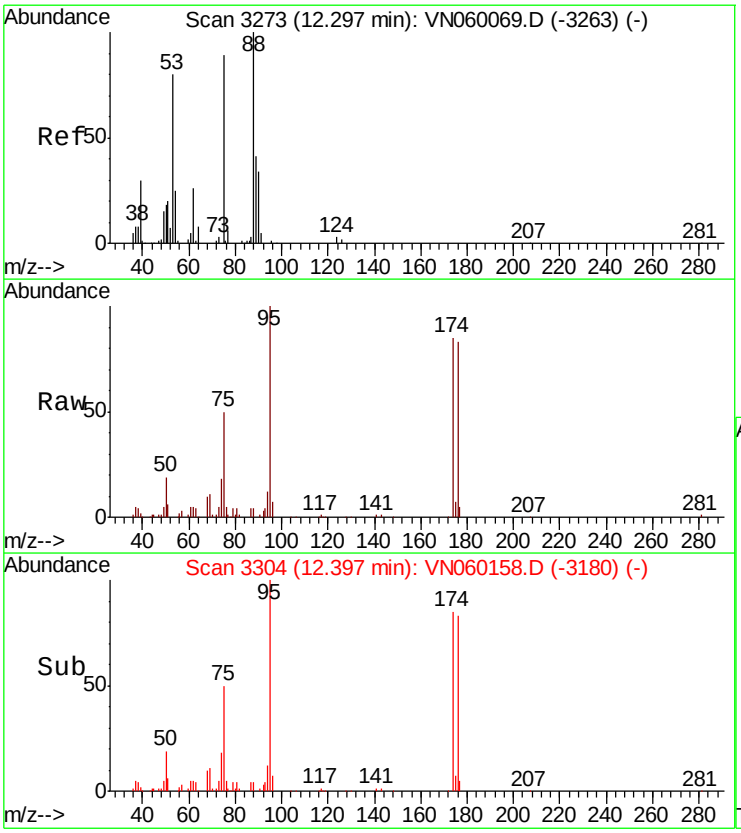
#76
1,2,3-Trichloropropane
Concen: 28.494 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 50885

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

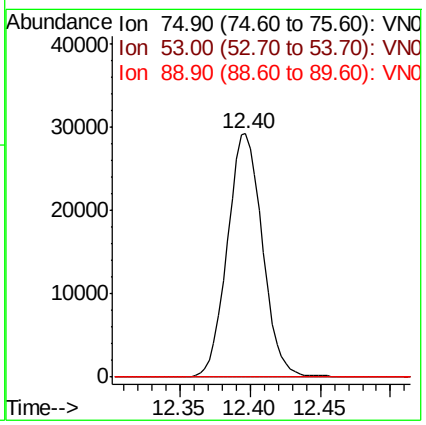


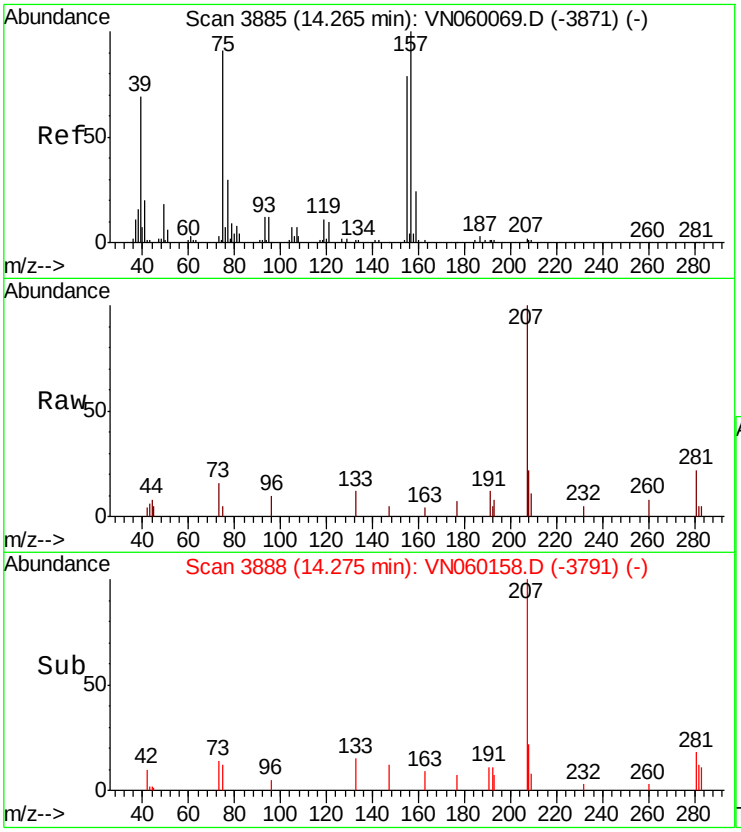


#81
trans-1,4-Dichloro-2-butene
Concen: 69.768 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion: 75 Resp: 50885

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	37.0	55.4#



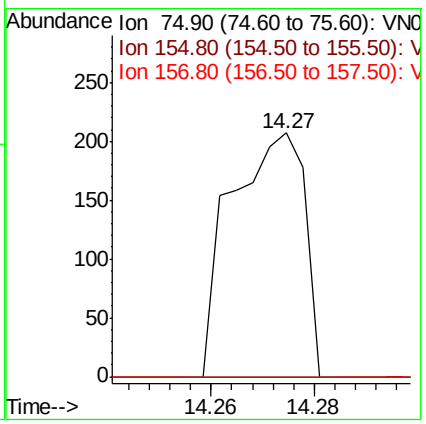


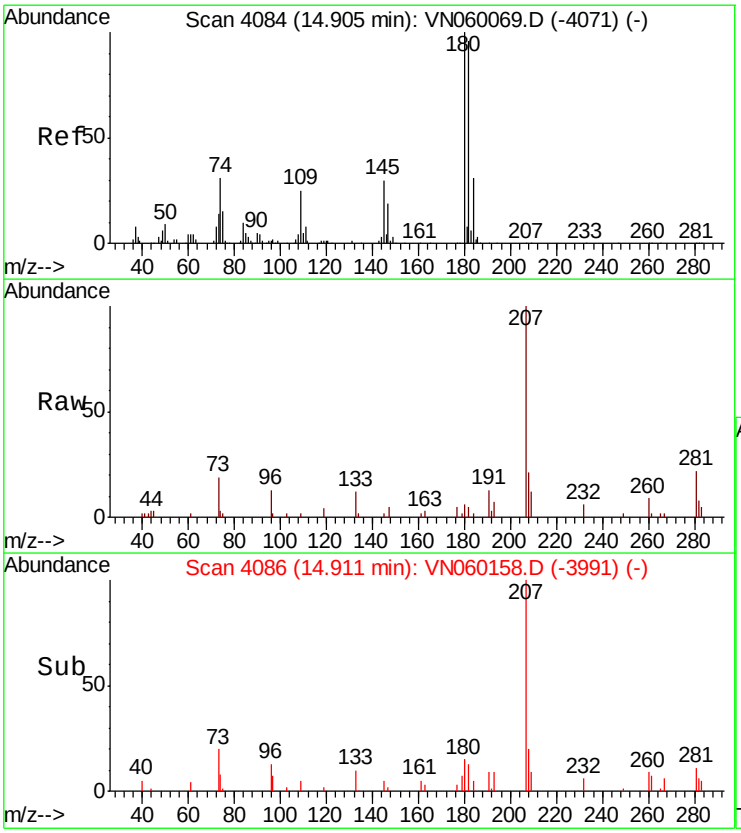
#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.27 min Scan# 3888
Delta R.T. 0.01 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 204

Ion	Ratio	Lower	Upper
75	100		
155	0.0	43.0	129.0#
157	0.0	54.9	164.5#

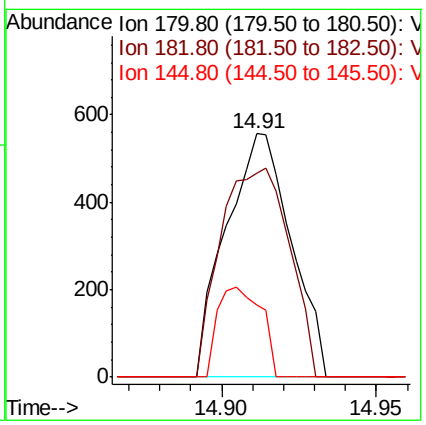


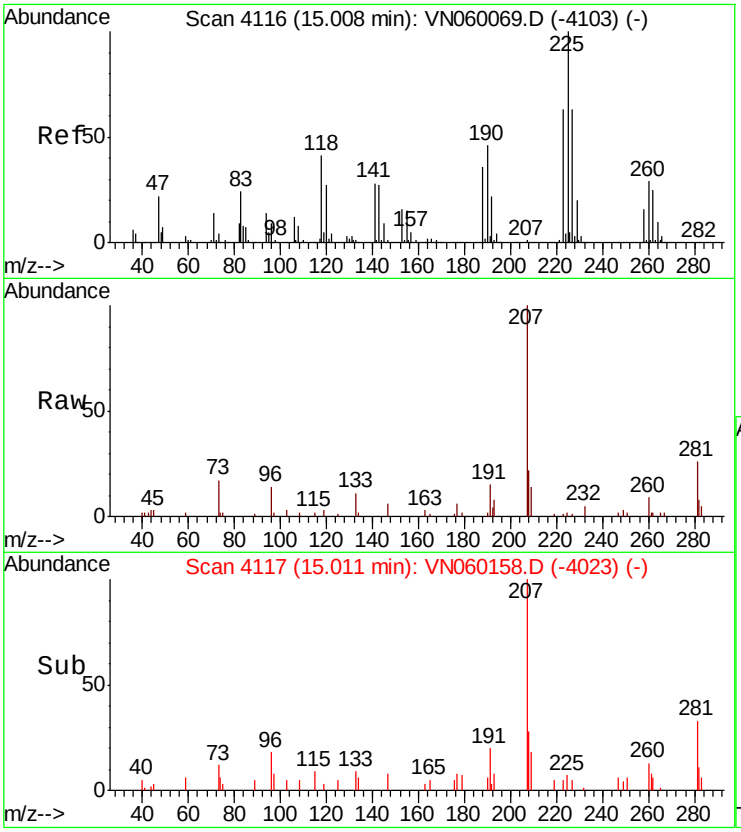


#93
1,2,4-Trichlorobenzene
Concen: 0.463 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.01 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion:180 Resp: 816

Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.9	143.8
145	25.0	15.2	45.5



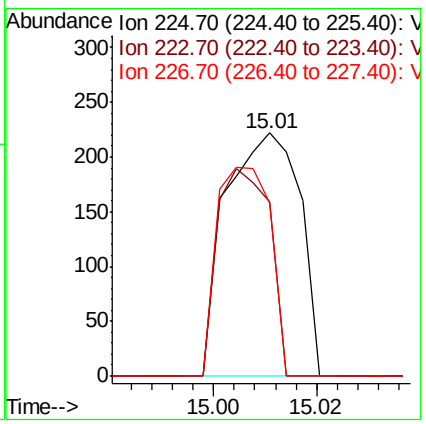


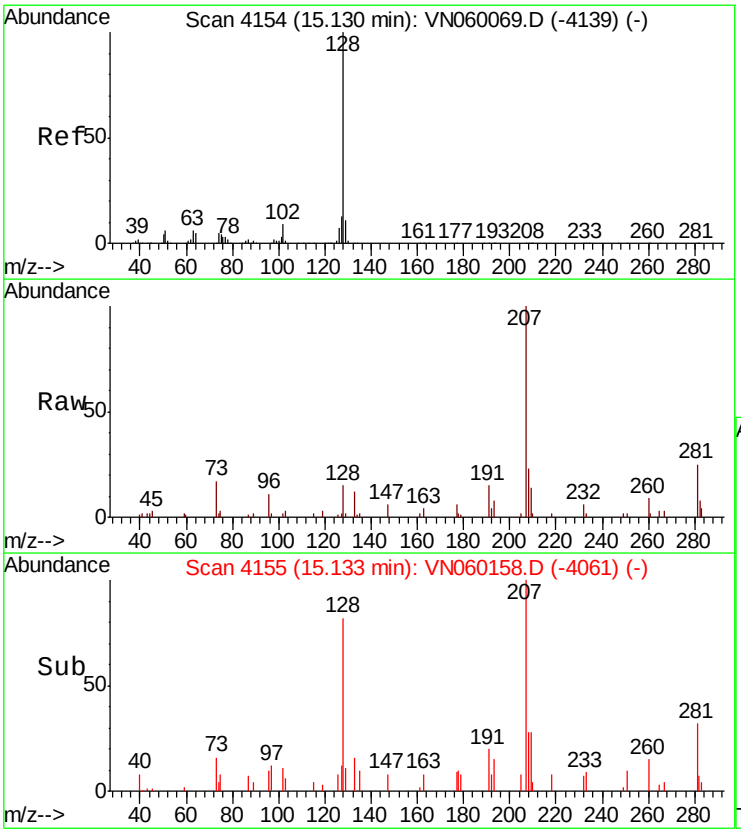
#94
Hexachlorobutadiene
Concen: 0.213 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 220

Ion	Ratio	Lower	Upper
225	100		
223	60.0	31.5	94.5
227	62.3	31.8	95.4

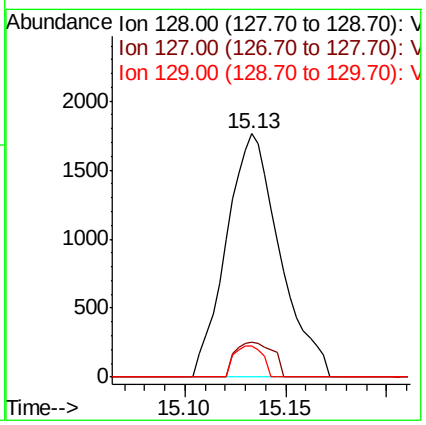


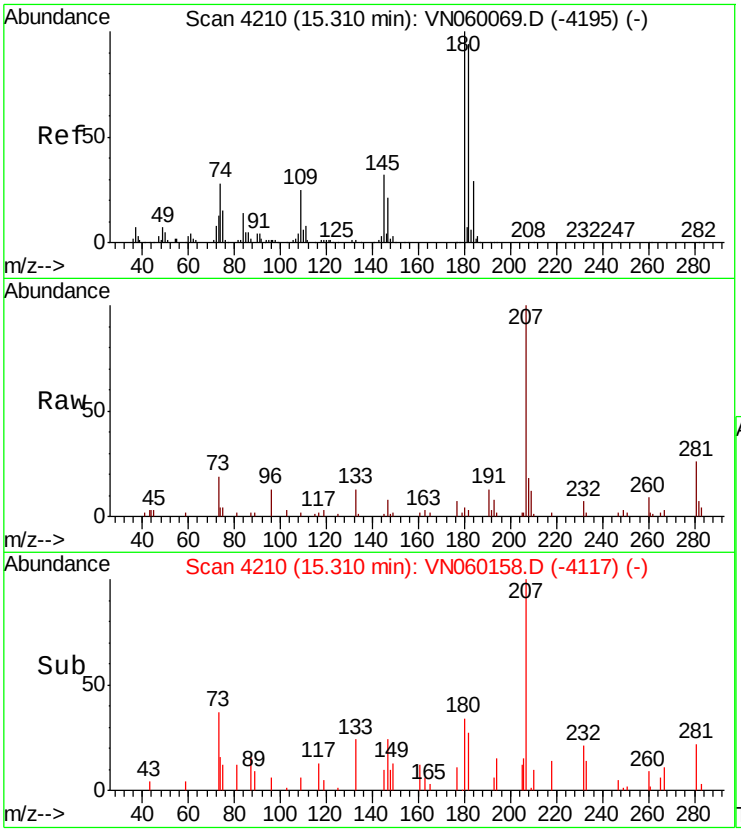


#95
Naphthalene
Concen: 0.686 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Tgt Ion:128 Resp: 3263

Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.3	15.5#
129	6.9	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.575 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060158.D
Acq: 19 Feb 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 1008

Ion	Ratio	Lower	Upper
180	100		
182	86.7	47.5	142.5
145	16.2	16.1	48.3