

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061351.D
 Acq On : 8 May 2020 10:43
 Operator : JC/MD
 Sample : VN0508WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:09:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

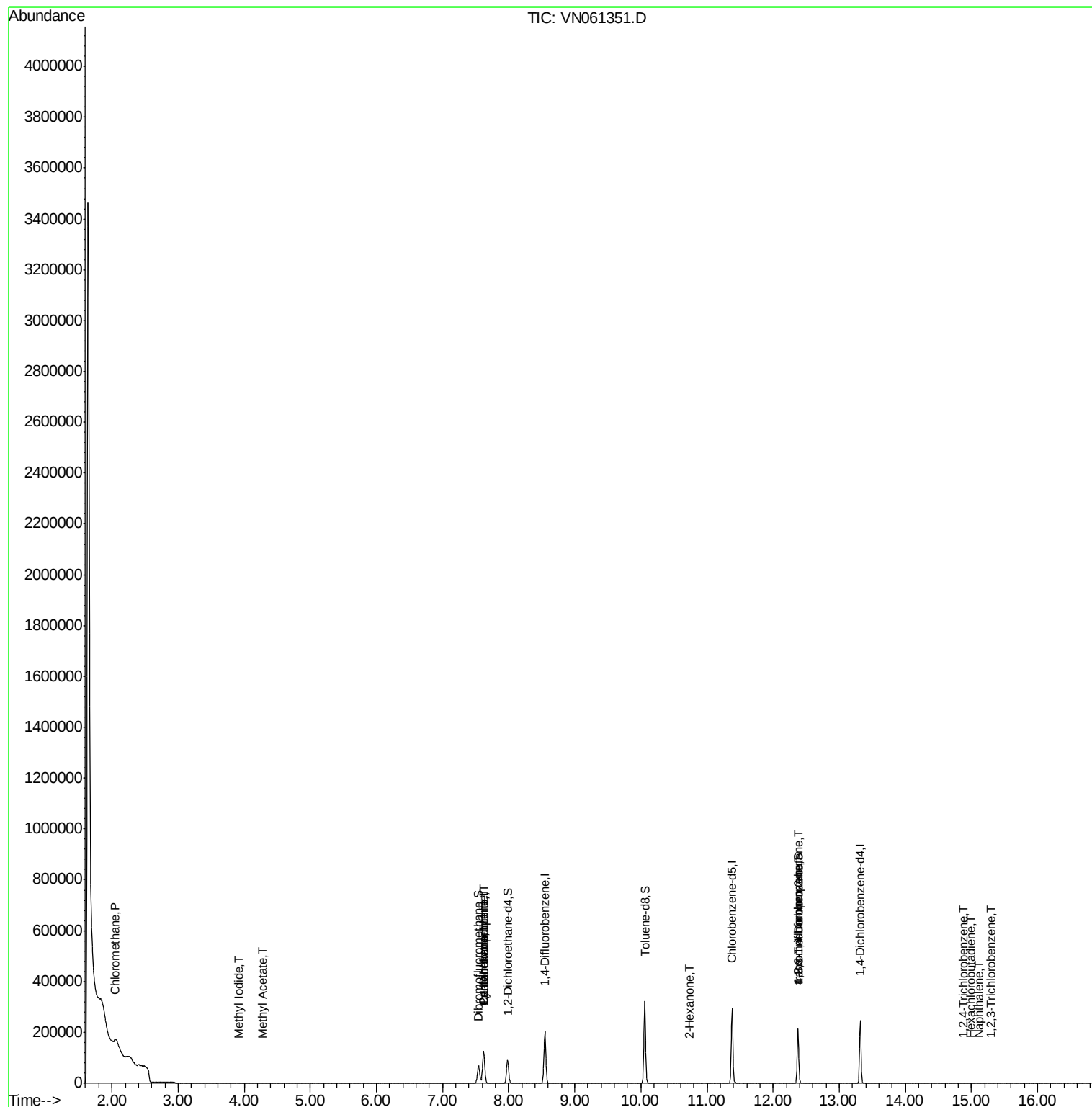
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	93966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	169557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	158509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	60520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	78326	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
35) Dibromofluoromethane	7.54	113	51464	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.06	98	212043	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.38	95	72509	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	810	0.671	ug/l	100
10) Methyl Iodide	3.92	142	378	0.295	ug/l #	38
16) Acetone	3.78	43	666	Below Cal	#	47
18) Methyl Acetate	4.27	43	126	0.745	ug/l #	55
31) Cyclohexane	7.63	56	2614	1.209	ug/l #	6
36) 1,1-Dichloropropene	7.62	75	8680	5.114	ug/l #	49
38) Carbon Tetrachloride	7.62	117	9948	8.417	ug/l #	17
59) 2-Hexanone	10.73	43	307	0.217	ug/l #	27
76) 1,2,3-Trichloropropane	12.38	75	40769	31.953	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	40769	81.143	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.89	180	268	0.243	ug/l #	81
94) Hexachlorobutadiene	14.98	225	311	0.674	ug/l #	24
95) Naphthalene	15.11	128	1552	0.432	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.28	180	417	0.383	ug/l #	76

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

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Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061351.D

Acq: 8 May 2020 10:43

Instrument :

MSVOA_N

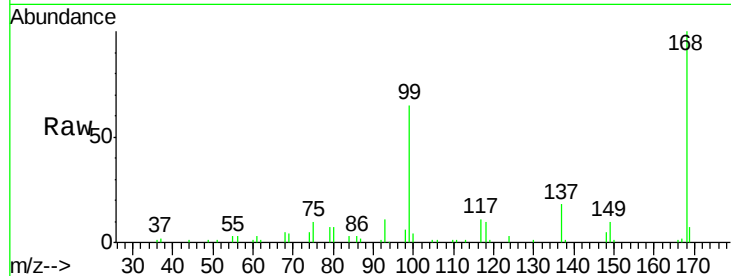
ClientSampled :

Tot Ion:168 Resp: 93966

Ion Ratio Lower Upper

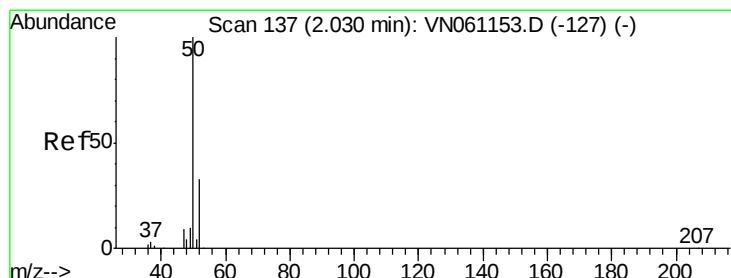
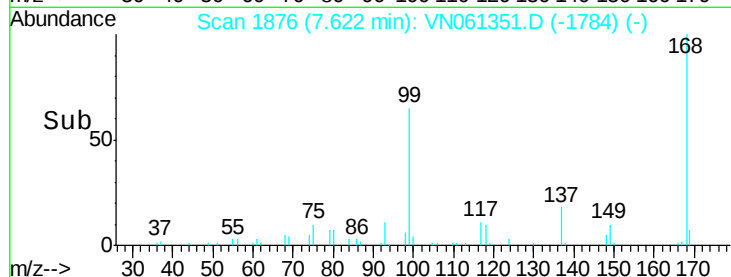
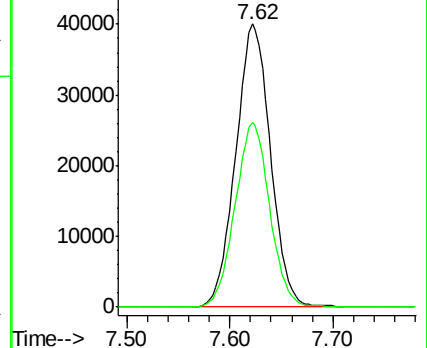
168 100

99 65.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.671 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061351.D

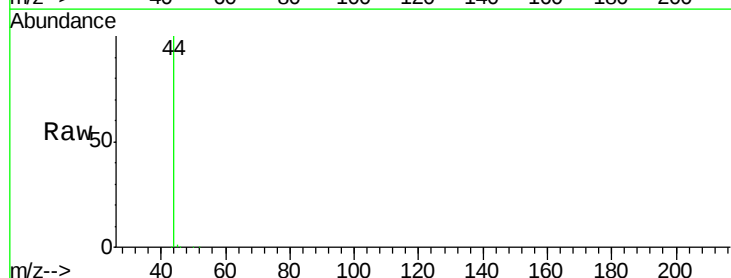
Acq: 8 May 2020 10:43

Tgt Ion: 50 Resp: 810

Ion Ratio Lower Upper

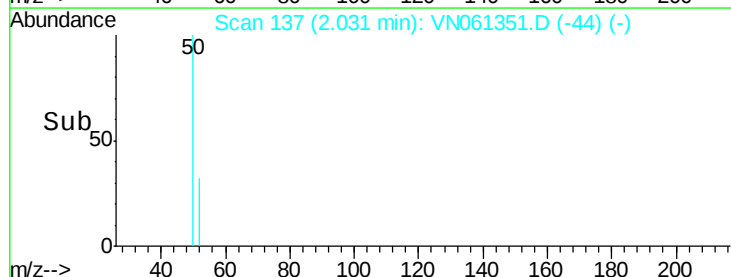
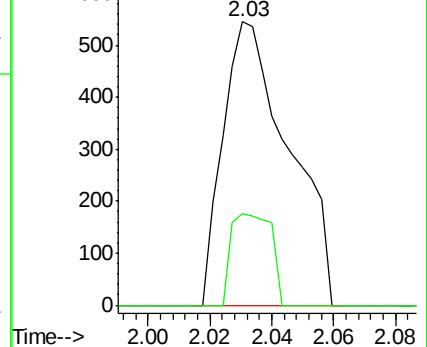
50 100

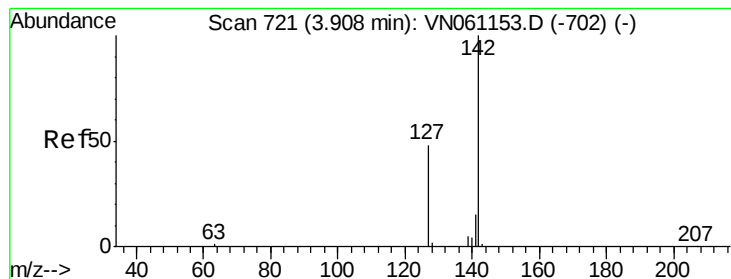
52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#10

Methvl Iodide

Concen: 0.295 ug/l

RT: 3.92 min Scan# 725

Delta R.T. 0.01 min

Lab File: VN061351.D

Acq: 8 May 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

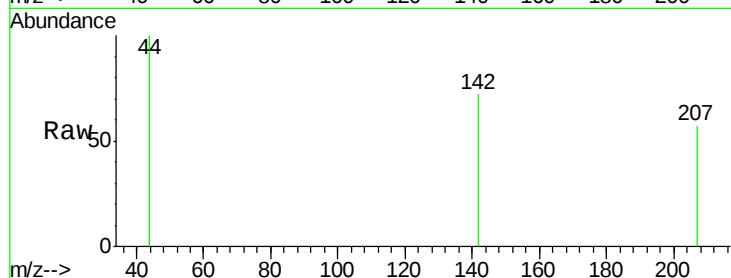
Tot Ion:142 Resp: 378

Ion Ratio Lower Upper

142 100

127 0.0 38.0 57.0#

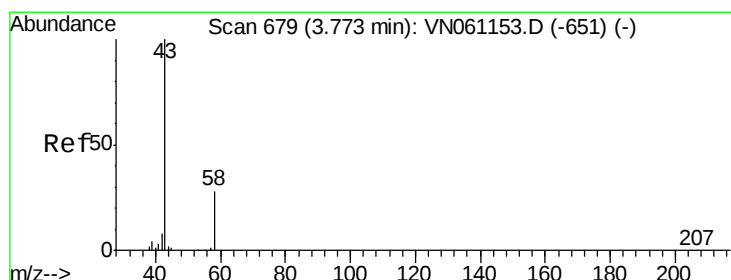
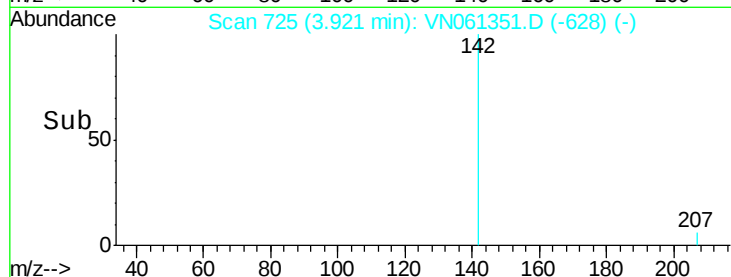
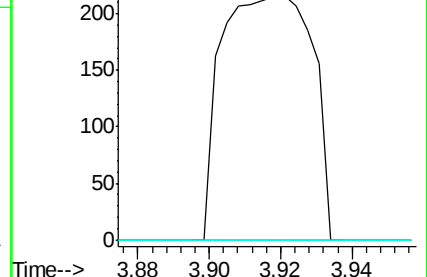
141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061351.D

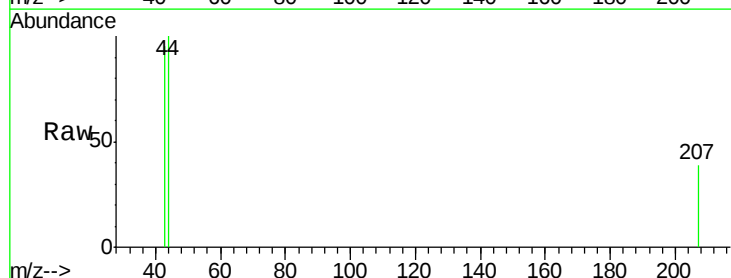
Acq: 8 May 2020 10:43

Tgt Ion: 43 Resp: 666

Ion Ratio Lower Upper

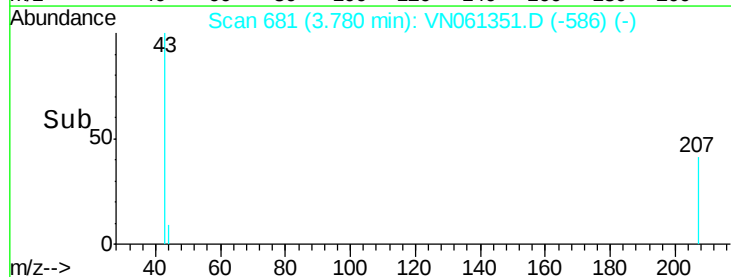
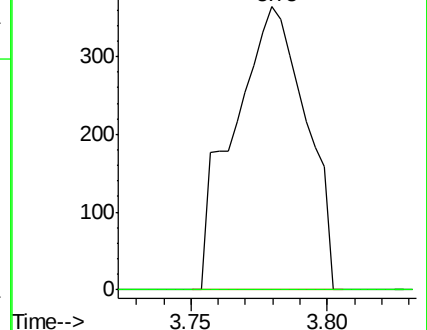
43 100

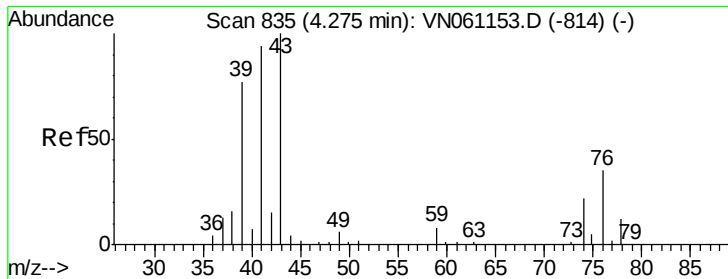
58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

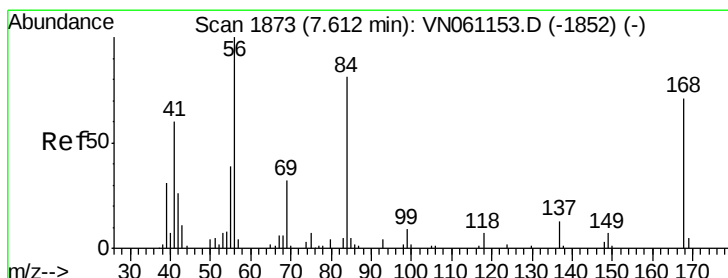
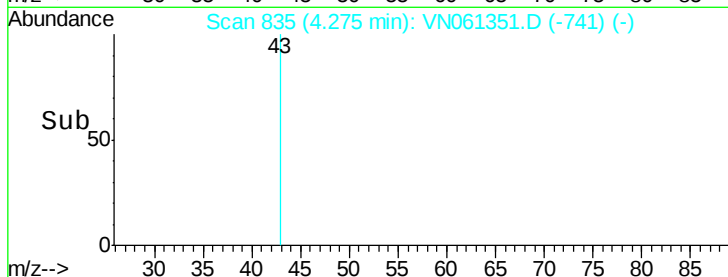
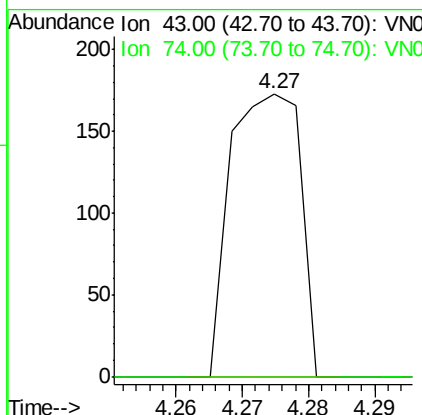
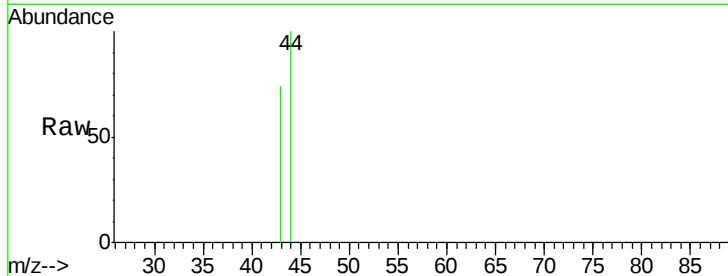




#18
Methvl Acetate
Concen: 0.745 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

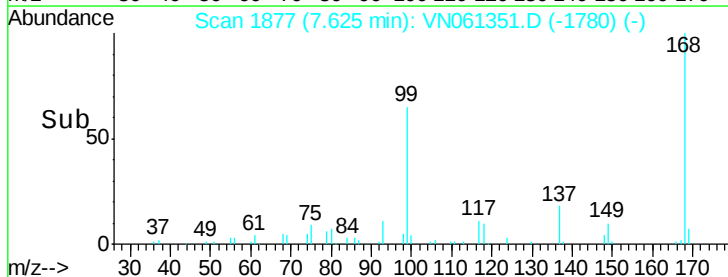
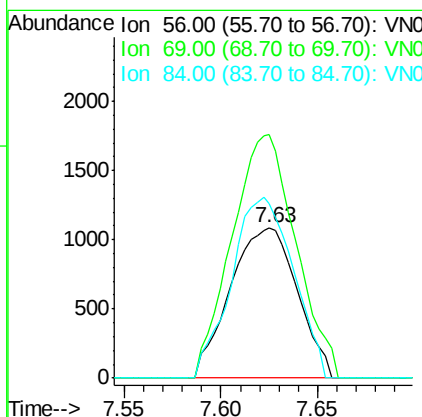
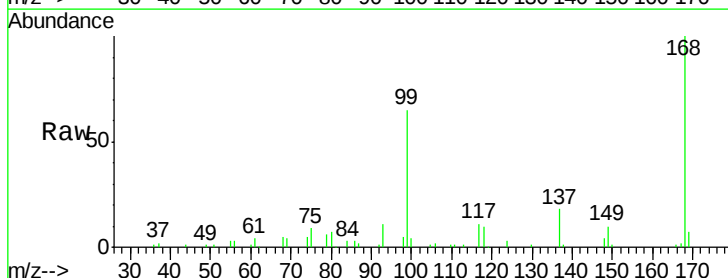
Instrument :
MSVOA_N
ClientSampleId :

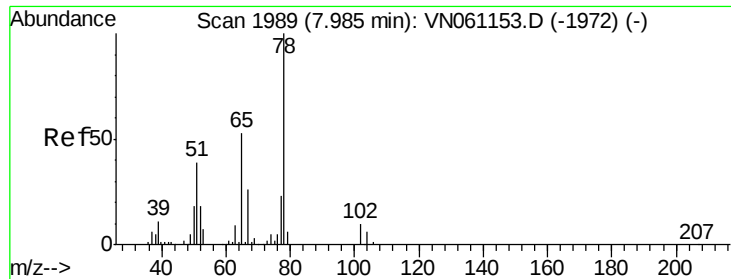
Tot Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

Tgt Ion: 56 Resp: 2614
Ion Ratio Lower Upper
56 100
69 161.6 25.7 38.5#
84 115.6 64.6 97.0#

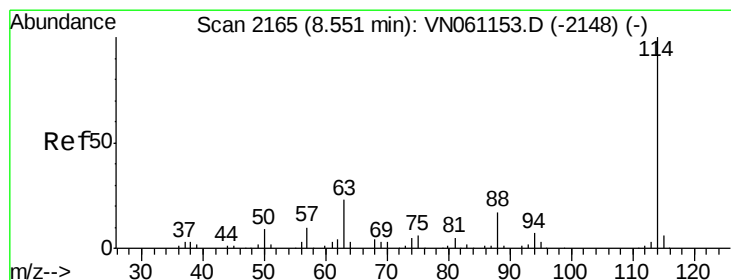
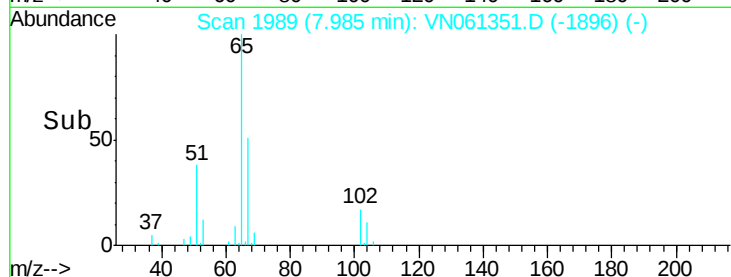
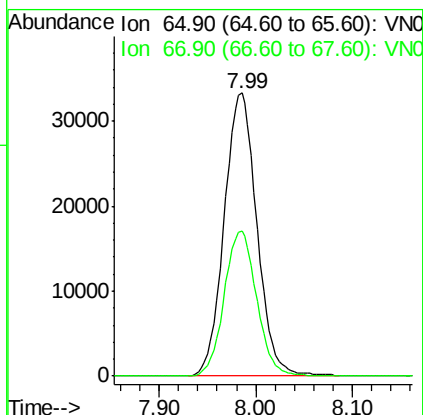
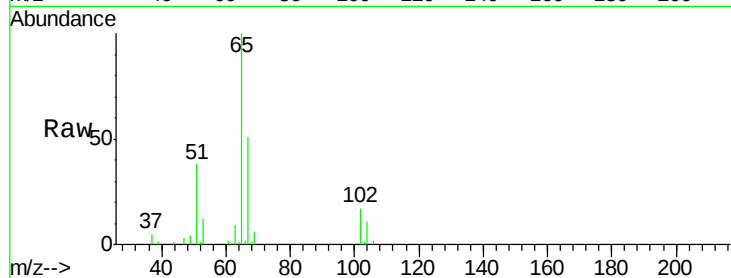




#33
 1,2-Dichloroethane-d4
 Concen: 52.680 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061351.D
 Acq: 8 May 2020 10:43

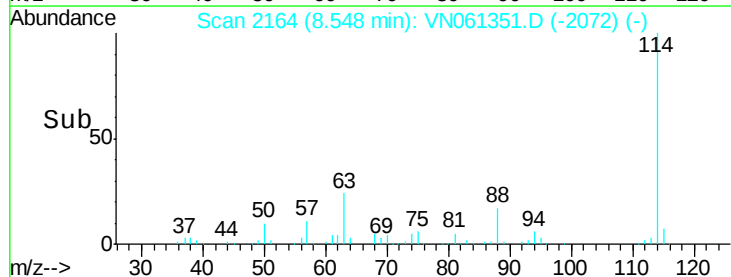
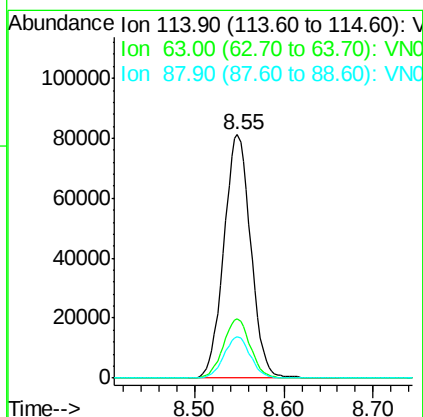
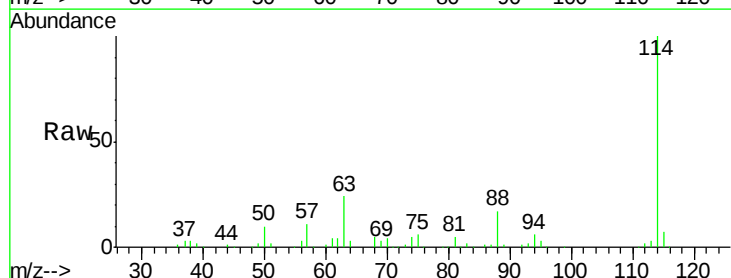
Instrument :
 MSVOA_N
 ClientSampleId :

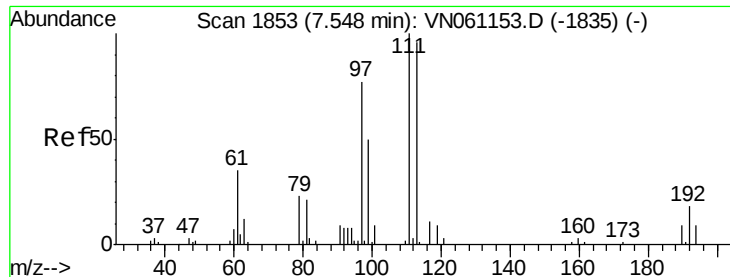
Tot Ion: 65 Resp: 78326
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061351.D
 Acq: 8 May 2020 10:43

Tgt Ion: 114 Resp: 169557
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.6
 88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.329 ug/l

RT: 7.54 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VN061351.D

Acq: 8 May 2020 10:43

Instrument :

MSVOA_N

ClientSampled :

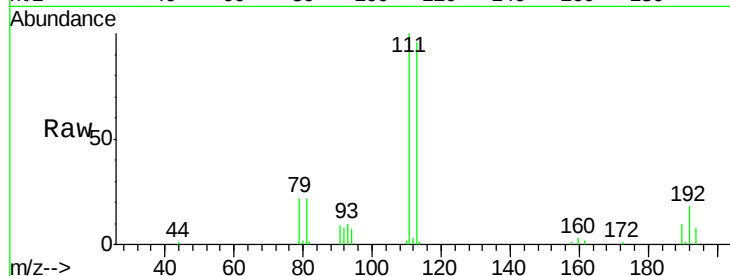
Tot Ion:113 Resp: 51464

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

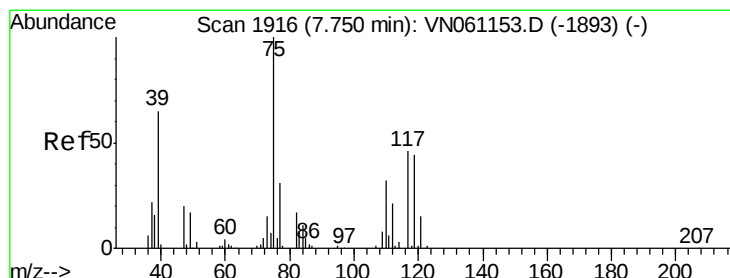
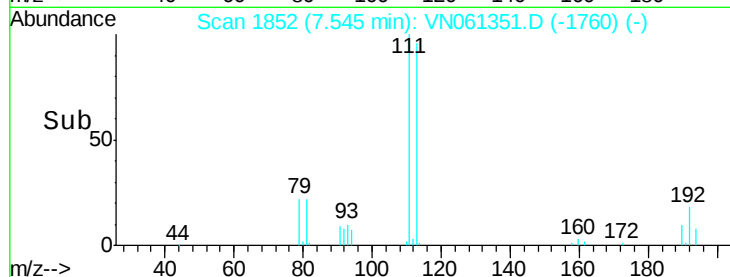
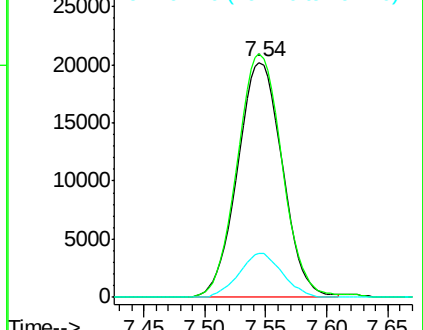
192 17.9 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.114 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.13 min

Lab File: VN061351.D

Acq: 8 May 2020 10:43

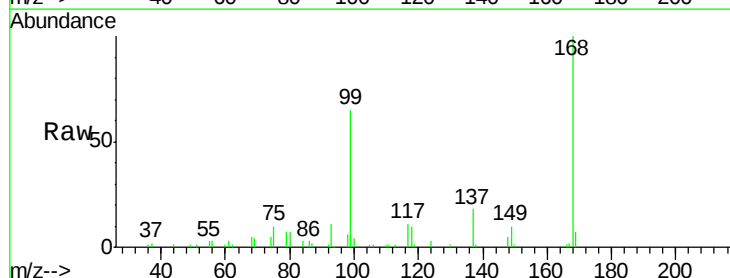
Tgt Ion: 75 Resp: 8680

Ion Ratio Lower Upper

75 100

110 5.9 16.0 48.0#

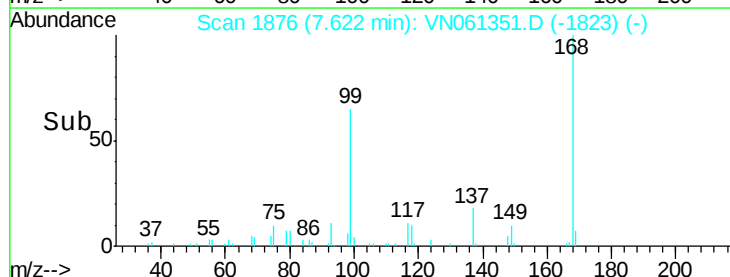
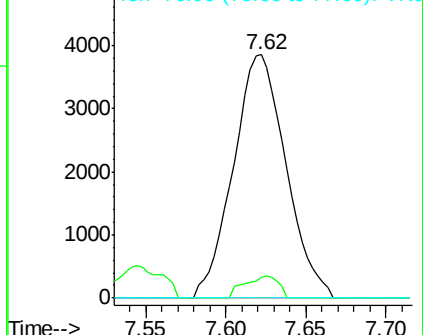
77 0.0 24.6 37.0#

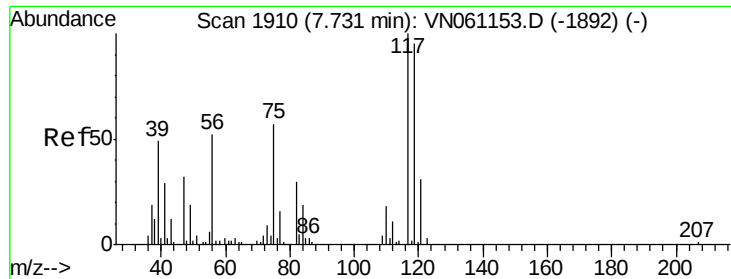


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

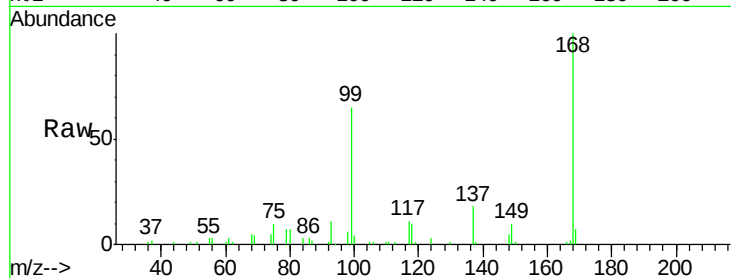




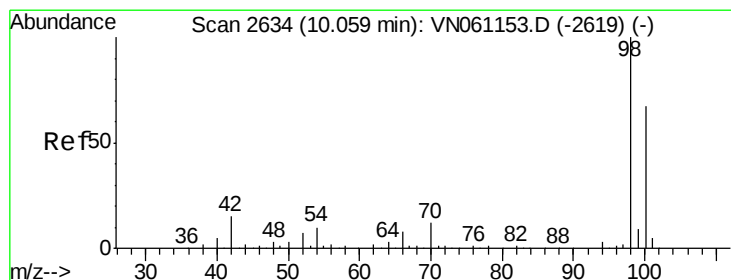
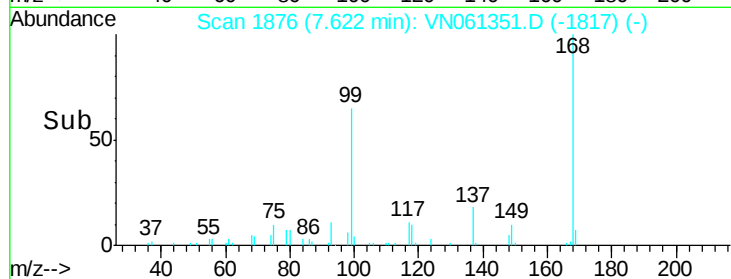
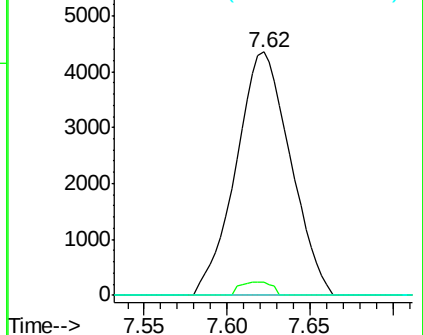
#38
Carbon Tetrachloride
Concen: 8.417 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. -0.11 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 9948
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.7 37.1#

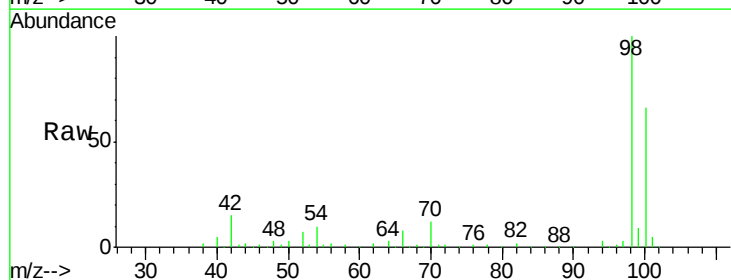


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

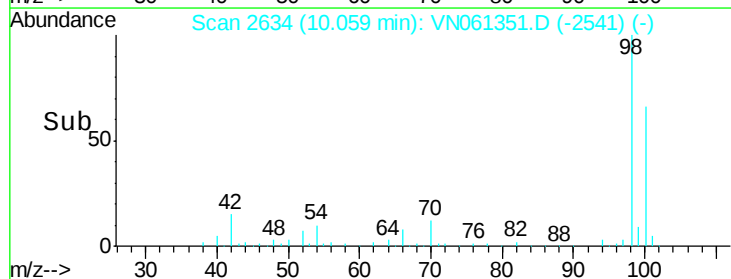
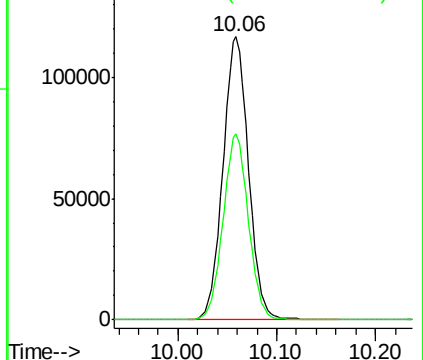


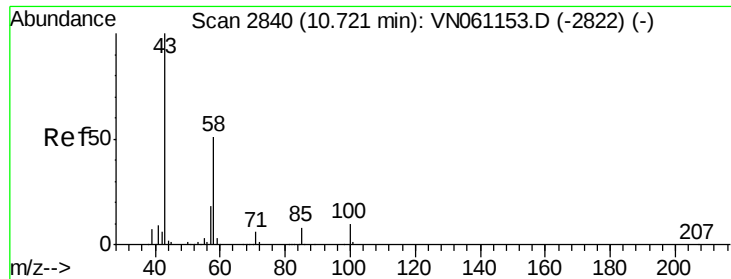
#50
Toluene-d8
Concen: 51.879 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

Tgt Ion: 98 Resp: 212043
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

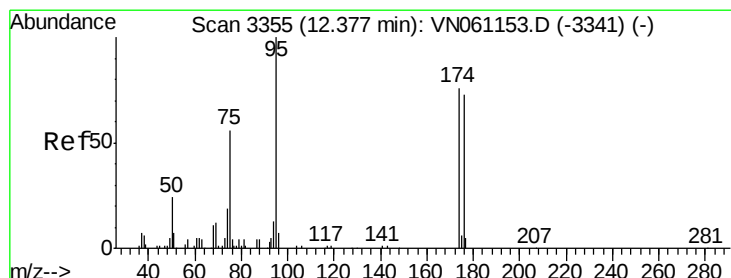
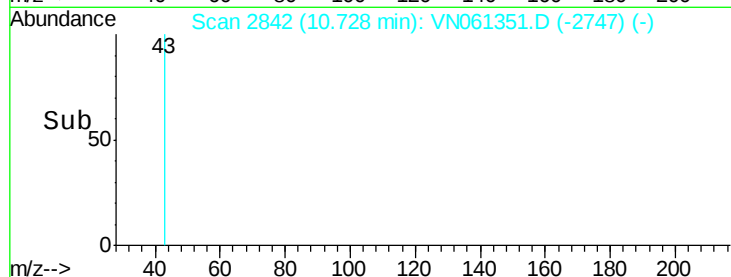
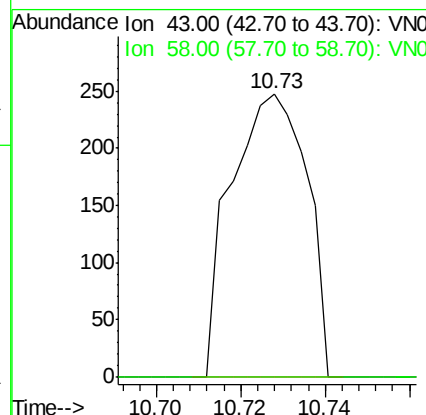
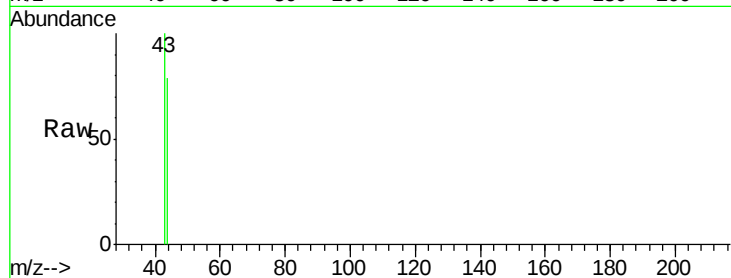




#59
2-Hexanone
Concen: 0.217 ug/l
RT: 10.73 min Scan# 2842
Delta R.T. 0.01 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

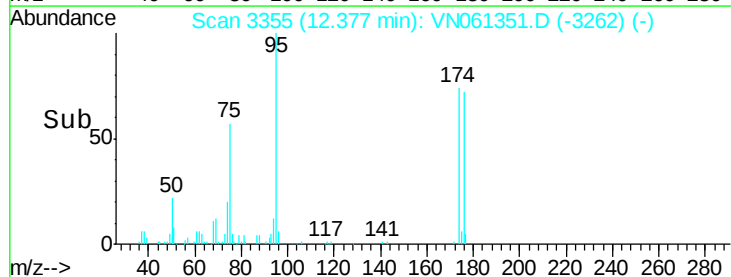
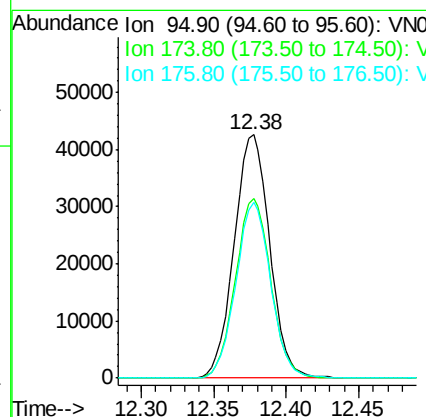
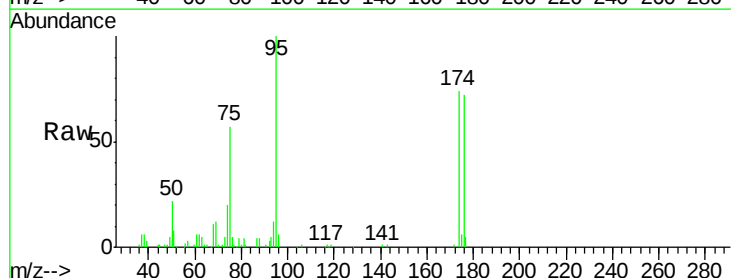
Instrument :
MSVOA_N
ClientSampled :

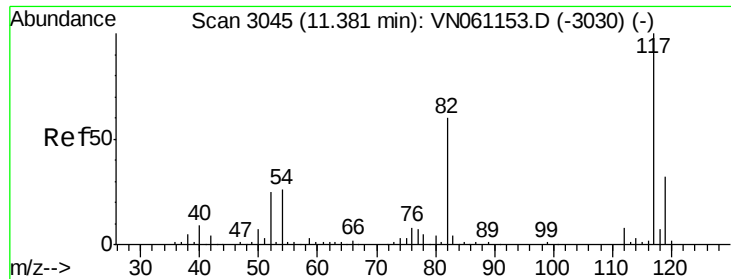
Tot Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
58 0.0 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 47.142 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

Tgt Ion: 95 Resp: 72509
Ion Ratio Lower Upper
95 100
174 73.3 0.0 149.4
176 70.6 0.0 144.8

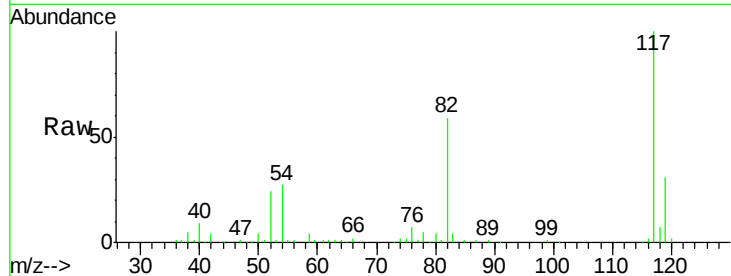




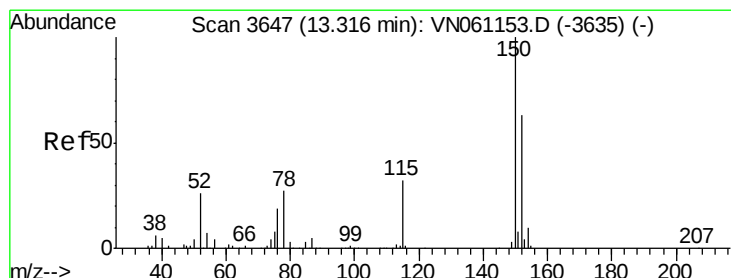
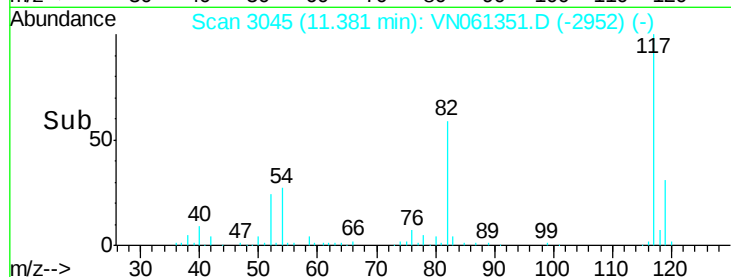
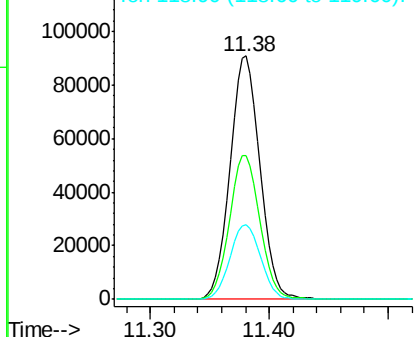
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 158509
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 30.8 25.8 38.6

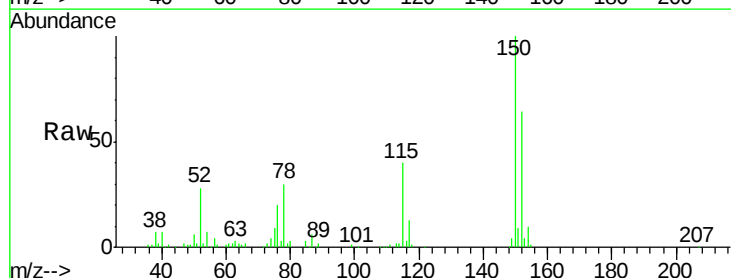


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

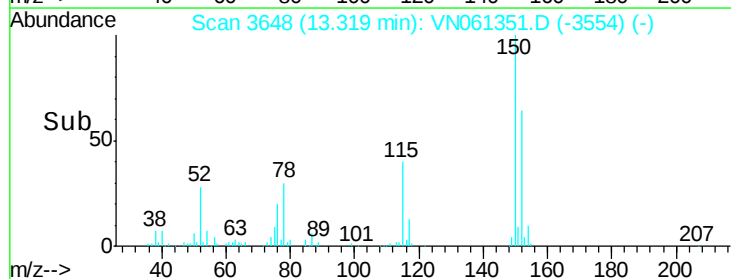
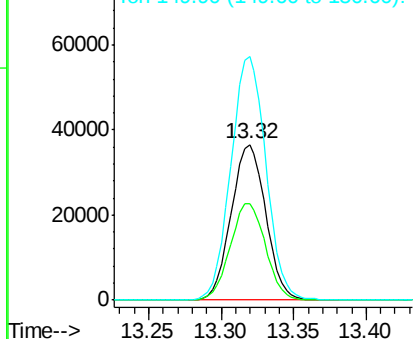


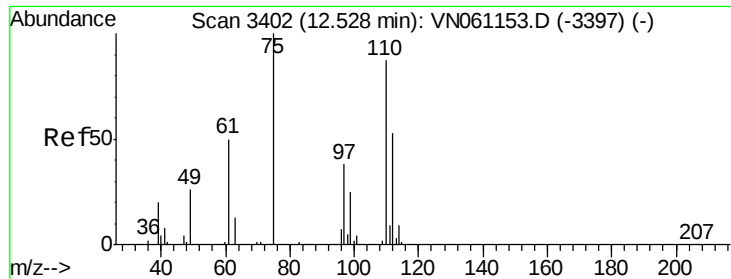
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

Tgt Ion:152 Resp: 60520
Ion Ratio Lower Upper
152 100
115 63.2 31.0 93.0
150 159.2 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

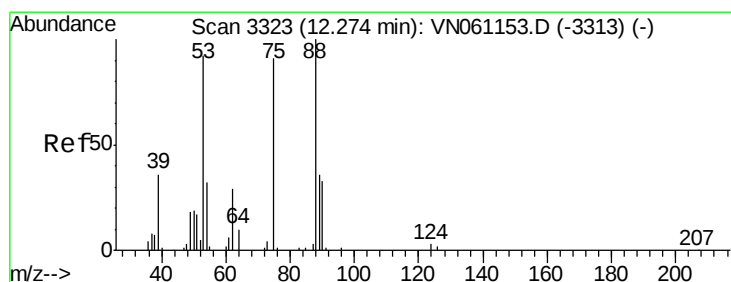
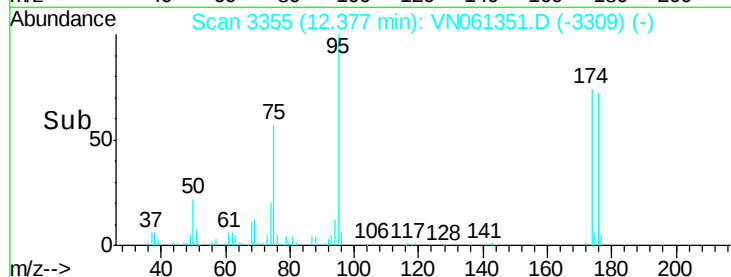
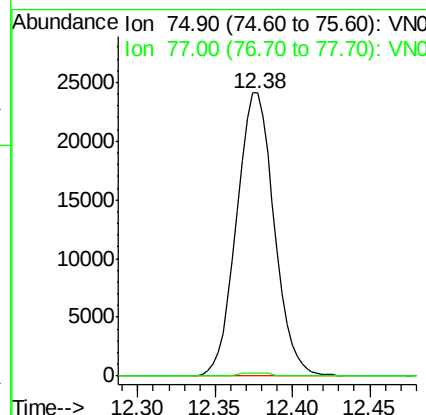
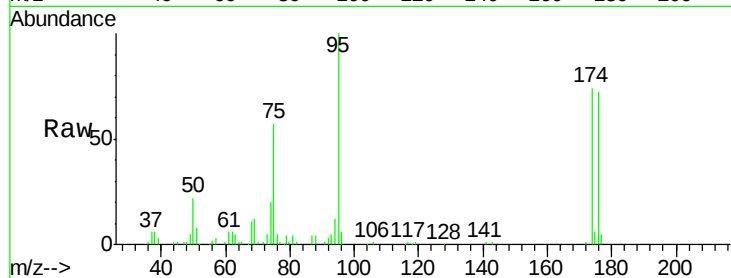




#76
 1,2,3-Trichloropropane
 Concen: 31.953 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061351.D
 Acq: 8 May 2020 10:43

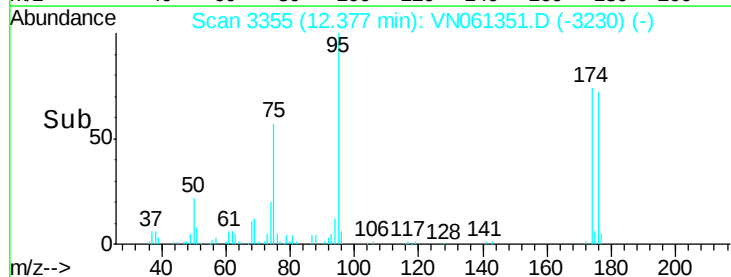
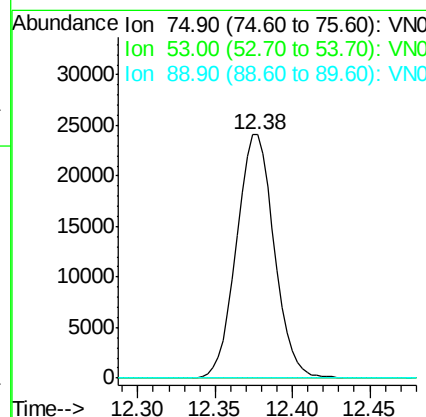
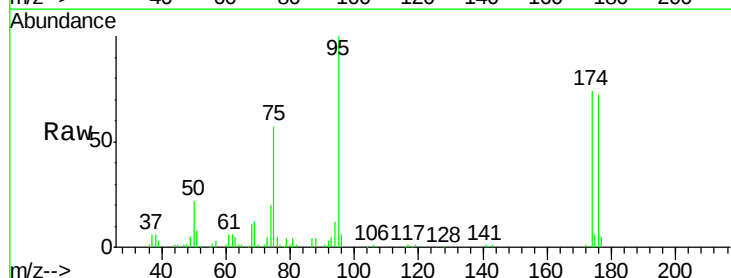
Instrument :
 MSVOA_N
 ClientSampled :

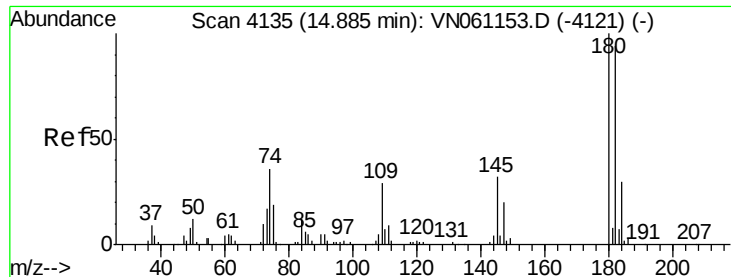
Tot Ion: 75 Resp: 40769
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.143 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061351.D
 Acq: 8 May 2020 10:43

Tgt Ion: 75 Resp: 40769
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

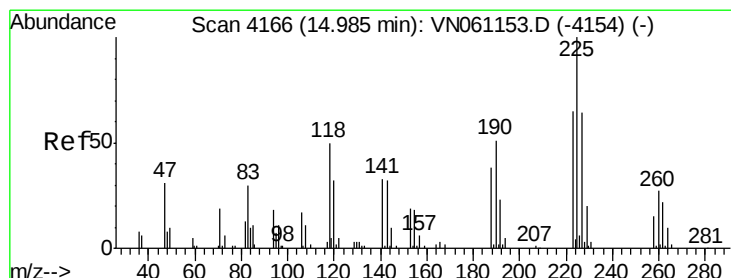
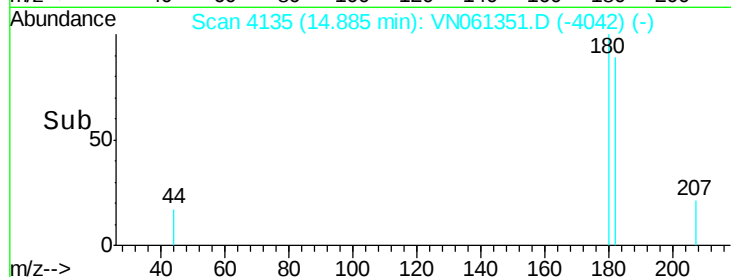
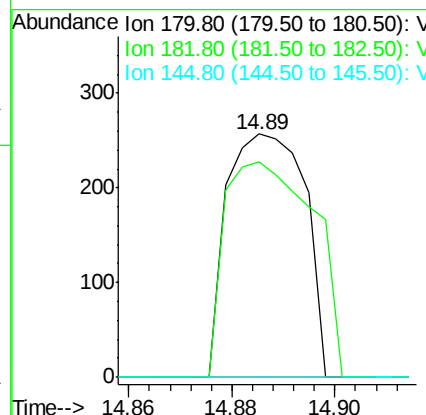
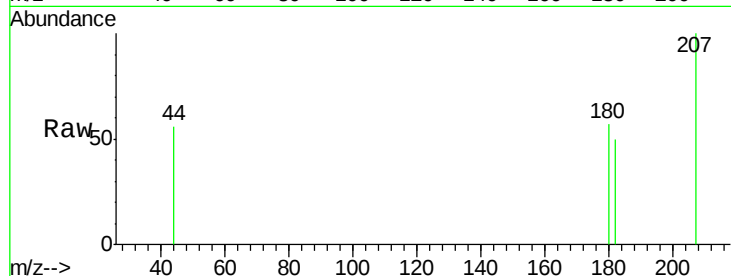




#93
 1,2,4-Trichlorobenzene
 Concen: 0.243 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061351.D
 Acq: 8 May 2020 10:43

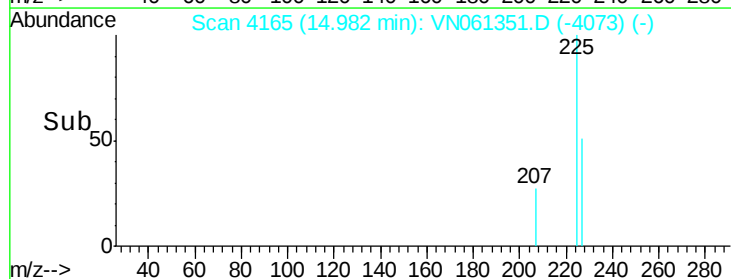
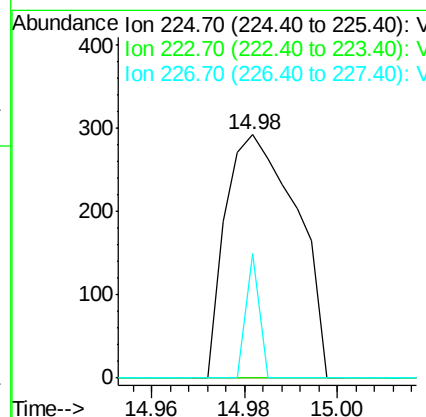
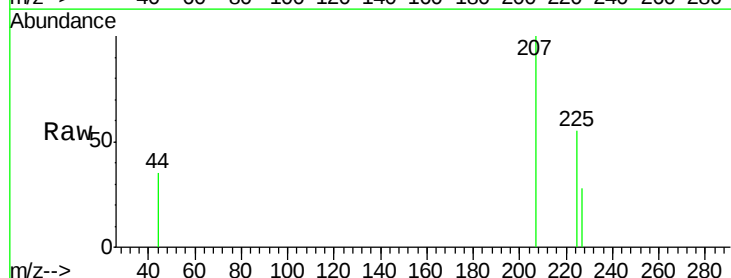
Instrument :
 MSVOA_N
 ClientSampleId :

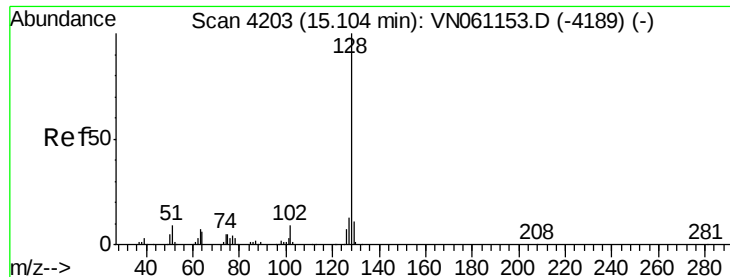
Tot Ion:180 Resp: 268
 Ion Ratio Lower Upper
 180 100
 182 101.1 47.3 141.9
 145 0.0 16.0 47.9#



#94
 Hexachlorobutadiene
 Concen: 0.674 ug/l
 RT: 14.98 min Scan# 4165
 Delta R.T. -0.00 min
 Lab File: VN061351.D
 Acq: 8 May 2020 10:43

Tgt Ion:225 Resp: 311
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.4 97.0#
 227 9.3 32.4 97.0#





#95

Naphthalene

Concen: 0.432 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061351.D

Acq: 8 May 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

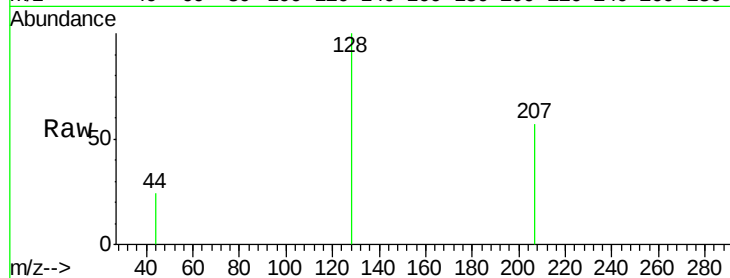
Tot Ion:128 Resp: 1552

Ion Ratio Lower Upper

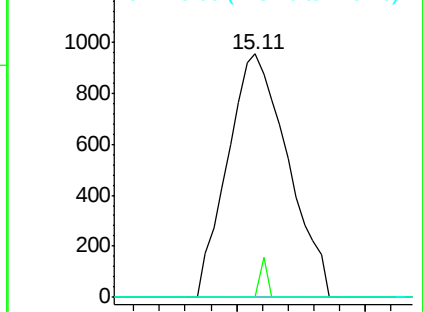
128 100

127 1.9 10.4 15.6#

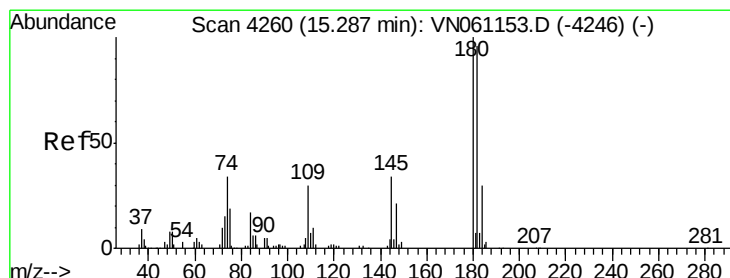
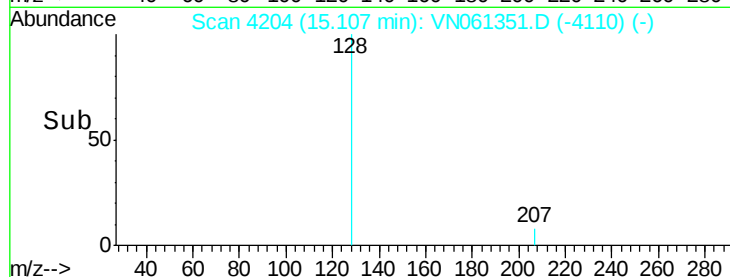
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 0.383 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061351.D

Acq: 8 May 2020 10:43

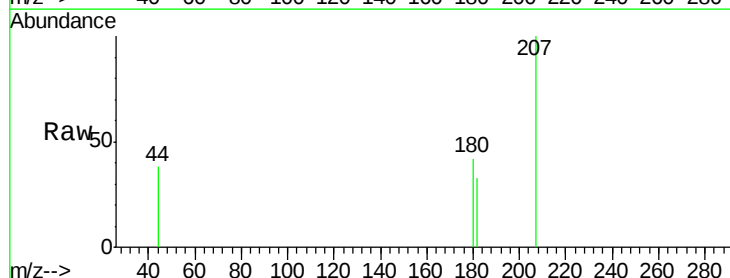
Tgt Ion:180 Resp: 417

Ion Ratio Lower Upper

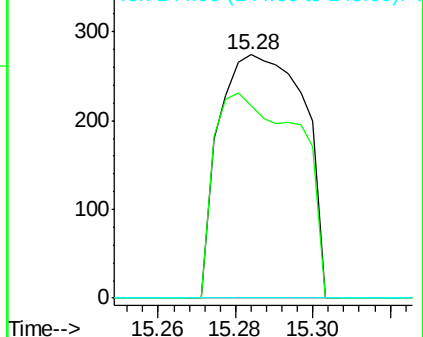
180 100

182 83.9 47.5 142.5

145 0.0 16.9 50.7#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

