

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063581.D
 Acq On : 23 Sep 2020 12:02
 Operator : JC/MD
 Sample : VN0923MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923MBL01

Quant Time: Sep 24 02:34:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

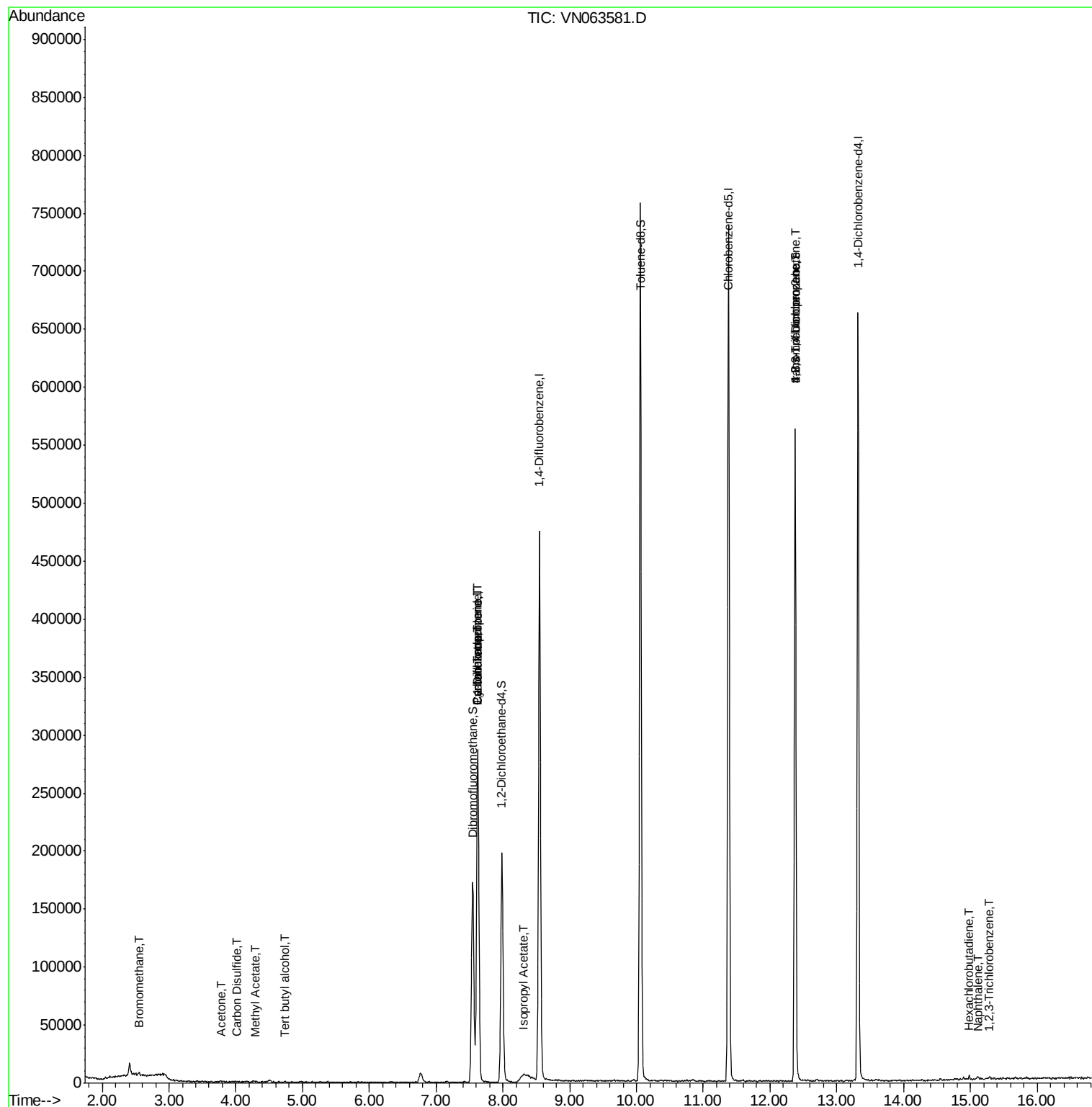
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	210371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	176733	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
35) Dibromofluoromethane	7.55	113	131051	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	10.06	98	493491	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.38	95	186469	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.54	94	386	0.233	ug/l #	80
11) Tert butyl alcohol	4.73	59	121	0.244	ug/l #	72
16) Acetone	3.77	43	506	0.440	ug/l #	47
17) Carbon Disulfide	4.02	76	1573	0.228	ug/l #	75
18) Methyl Acetate	4.28	43	763	0.261	ug/l #	54
31) Cyclohexane	7.63	56	6920	1.399	ug/l #	35
36) 1,1-Dichloropropene	7.63	75	20610	4.914	ug/l #	51
38) Carbon Tetrachloride	7.62	117	24812	5.796	ug/l #	16
43) Isopropyl Acetate	8.32	43	10781	1.465	ug/l #	64
76) 1,2,3-Trichloropropane	12.38	75	104395	26.845	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	104395	73.600	ug/l #	7
94) Hexachlorobutadiene	14.99	225	556	0.442	ug/l #	35
95) Naphthalene	15.11	128	2599	0.259	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.28	180	651	0.222	ug/l	91

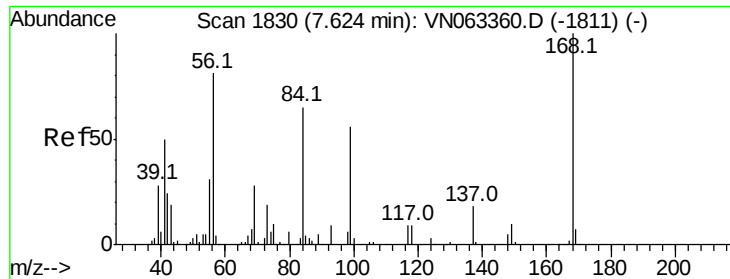
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092320\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063581.D

Acq: 23 Sep 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

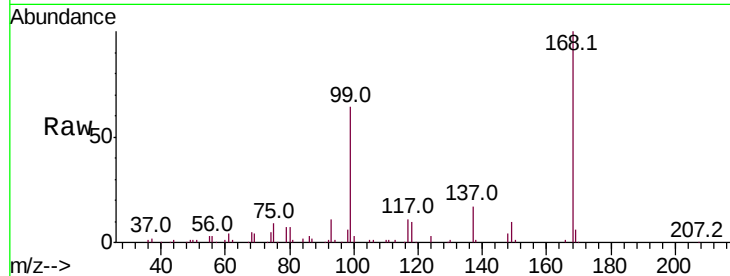
VN0923MBL01

Tot Ion:168 Resp: 210371

Ion Ratio Lower Upper

168 100

99 63.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

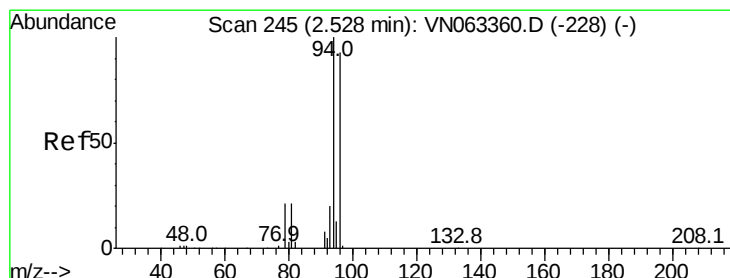
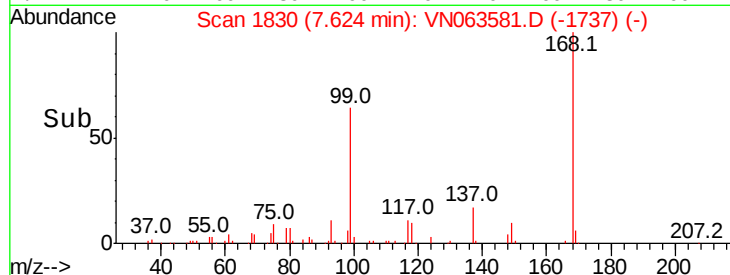
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#5

Bromomethane

Concen: 0.233 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.02 min

Lab File: VN063581.D

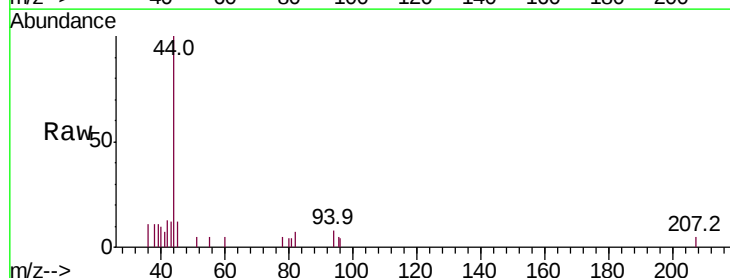
Acq: 23 Sep 2020 12:02

Tgt Ion: 94 Resp: 386

Ion Ratio Lower Upper

94 100

96 112.4 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.54

400

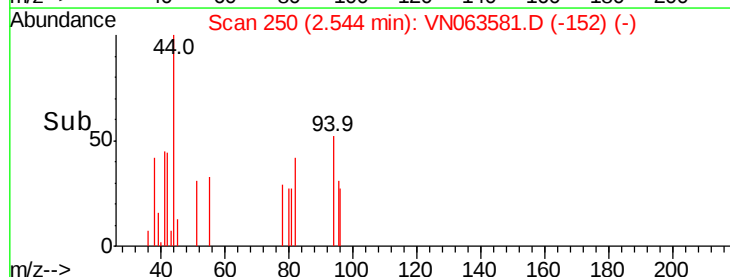
300

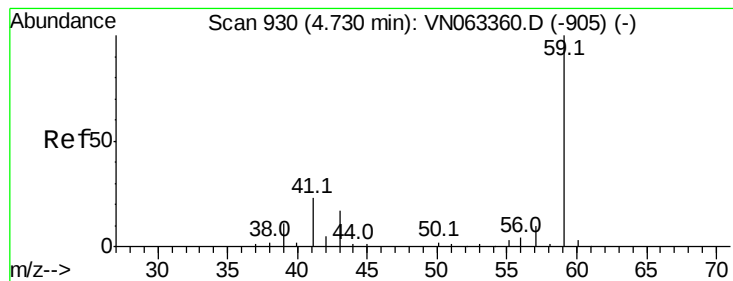
200

100

0

Time--> 2.52 2.54 2.56



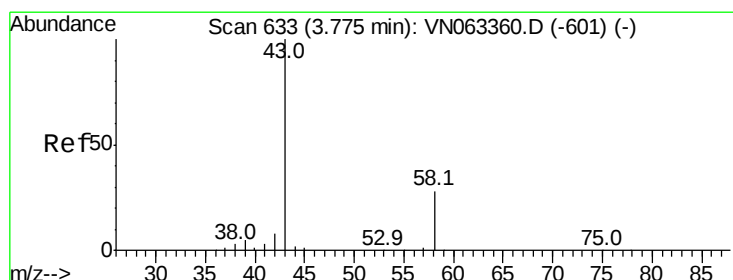
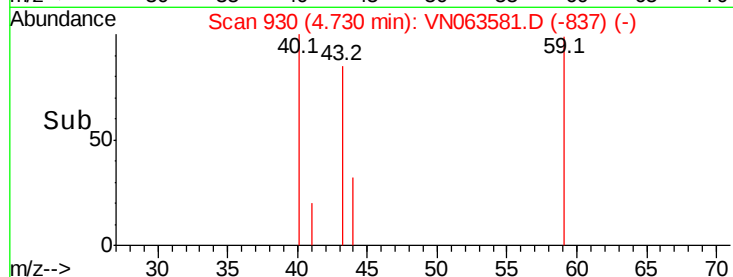
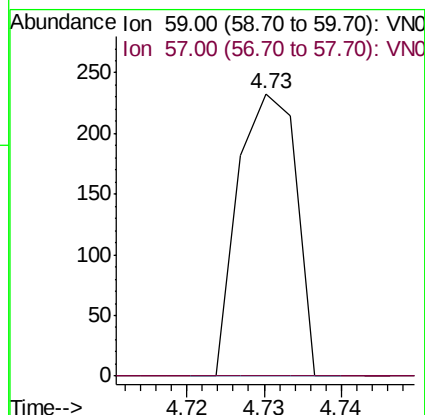
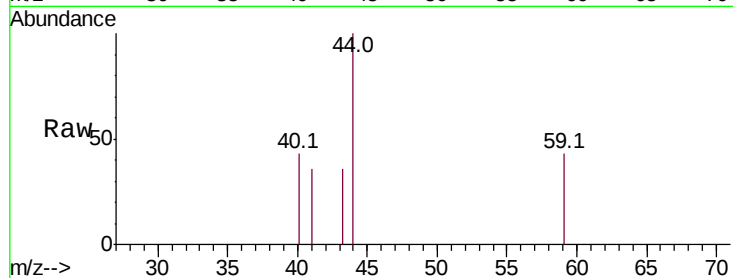


#11

Tert butyl alcohol
 Concen: 0.244 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063581.D
 Acq: 23 Sep 2020 12:02

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923MBL01

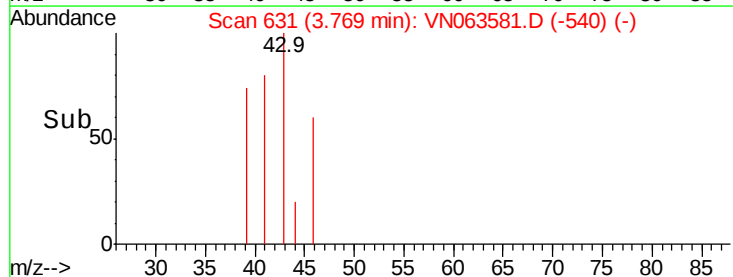
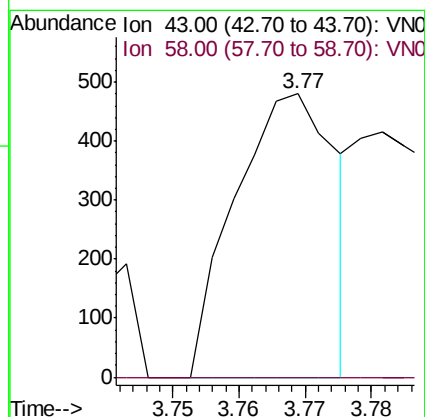
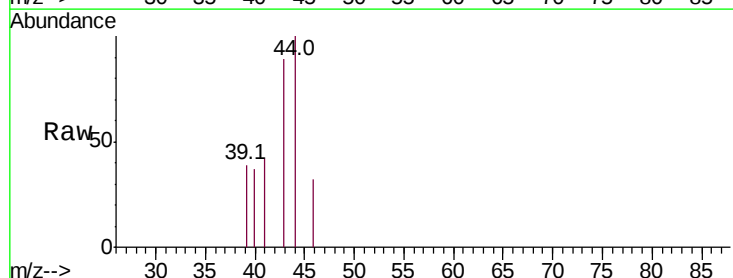
Tot Ion: 59 Resp: 121
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

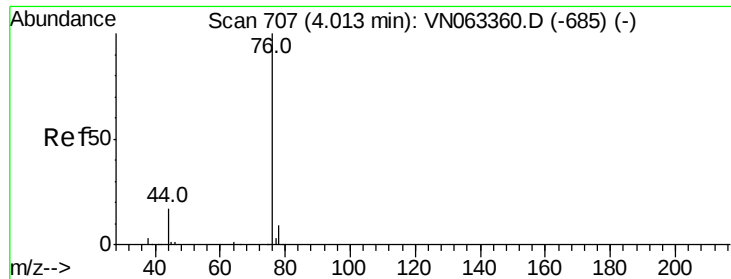


#16

Acetone
 Concen: 0.440 ug/l
 RT: 3.77 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: VN063581.D
 Acq: 23 Sep 2020 12:02

Tgt Ion: 43 Resp: 506
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.3 33.5#

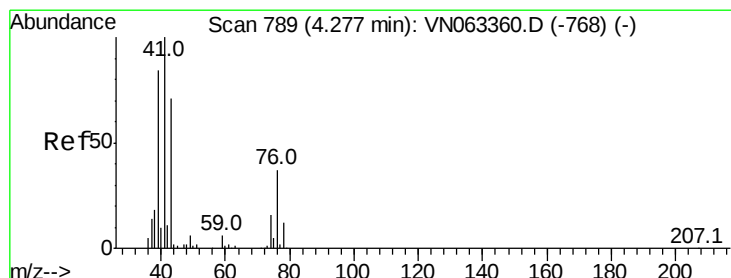
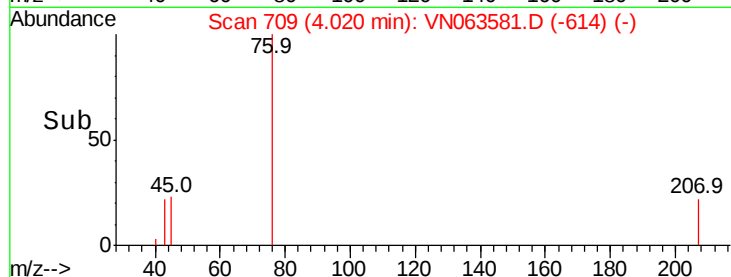
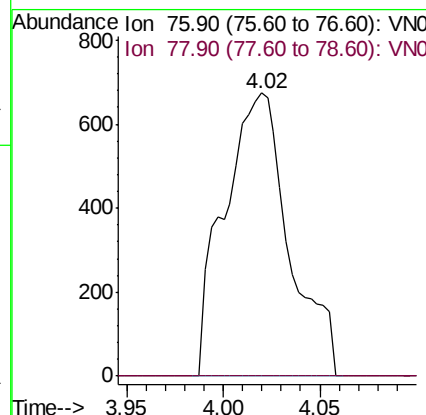
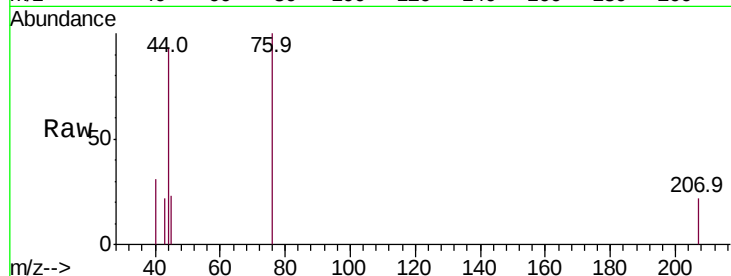




#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 4.02 min Scan# 709
Delta R.T. 0.01 min
Lab File: VN063581.D
Acq: 23 Sep 2020 12:02

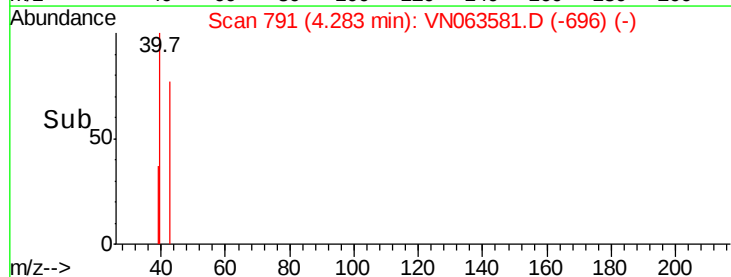
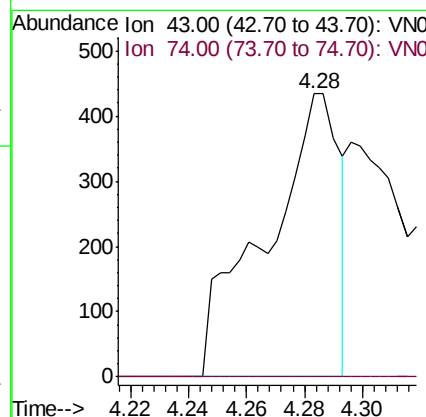
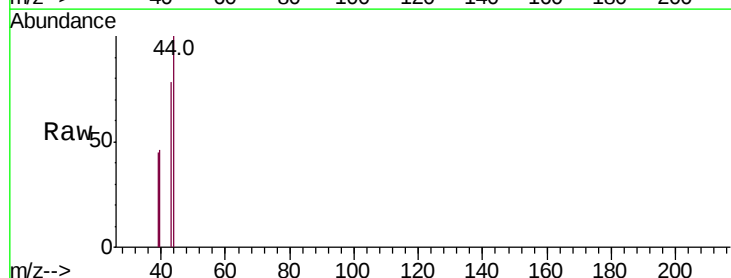
Instrument :
MSVOA_N
ClientSampleId :
VN0923MBL01

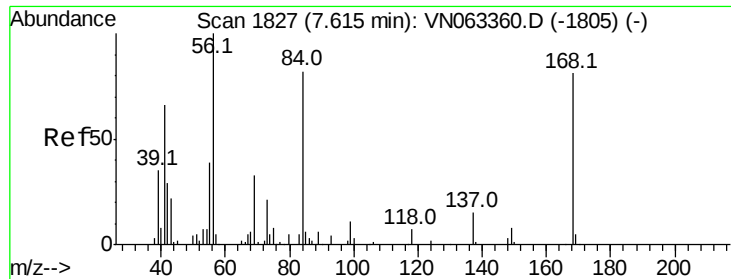
Tot Ion: 76 Resp: 1573
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.261 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063581.D
Acq: 23 Sep 2020 12:02

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

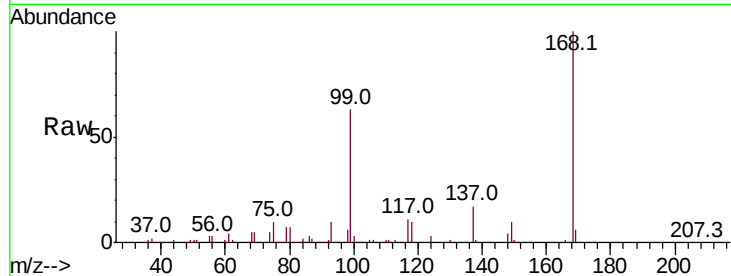




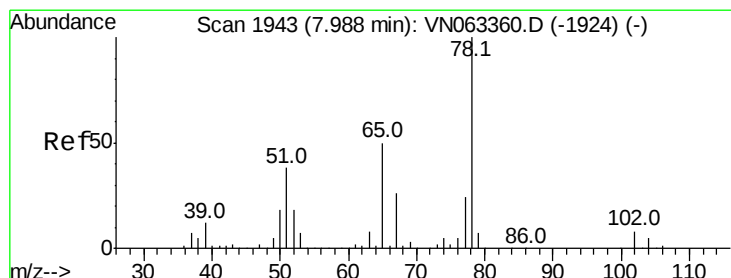
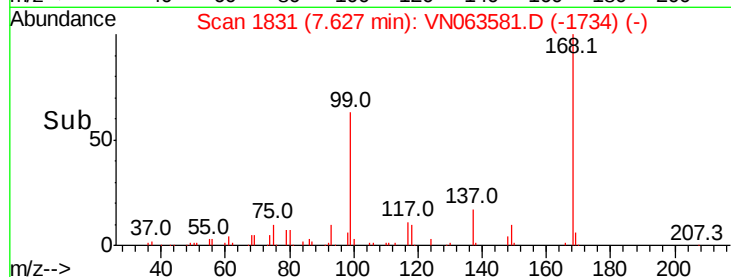
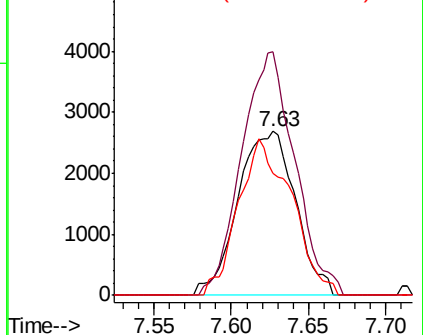
#31
Cyclohexane
Concen: 1.399 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063581.D
Acq: 23 Sep 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0923MBL01

Tot Ion: 56 Resp: 6920
Ion Ratio Lower Upper
56 100
69 148.6 26.1 39.1#
84 74.2 65.4 98.2

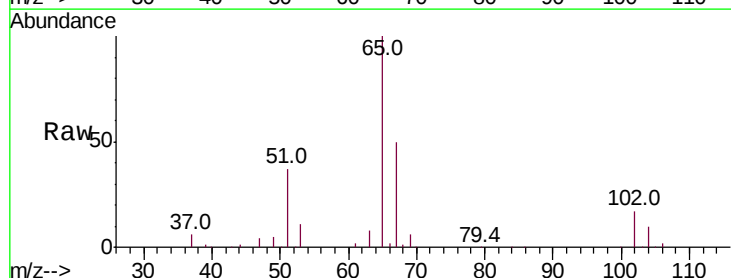


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

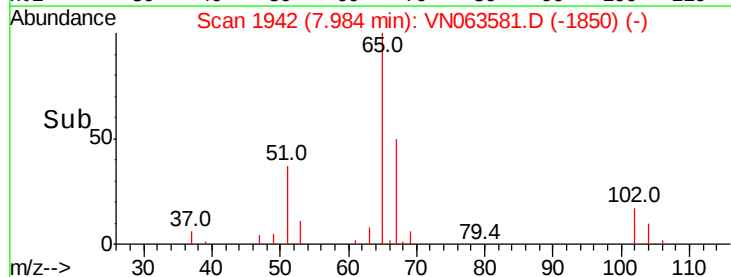
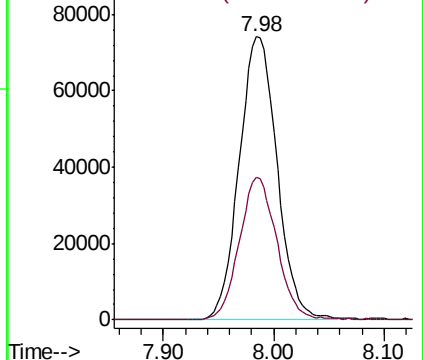


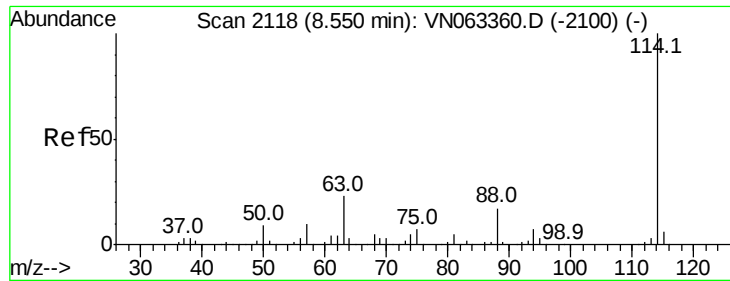
#33
1,2-Dichloroethane-d4
Concen: 49.352 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063581.D
Acq: 23 Sep 2020 12:02

Tgt Ion: 65 Resp: 176733
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

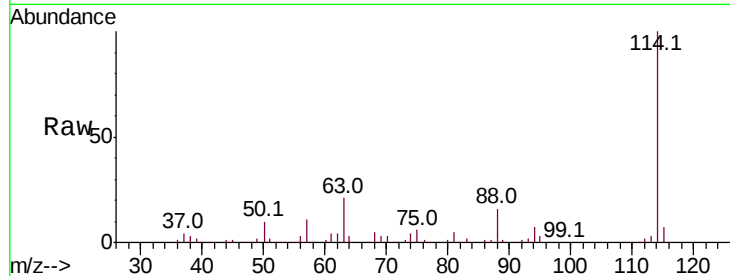




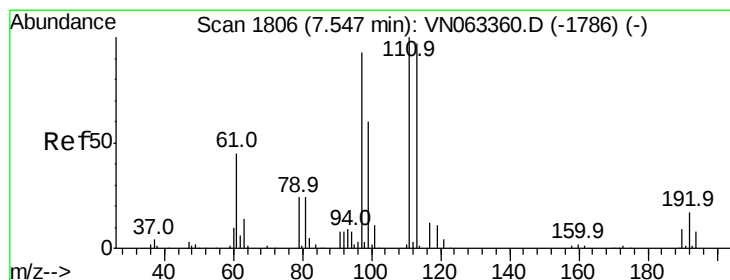
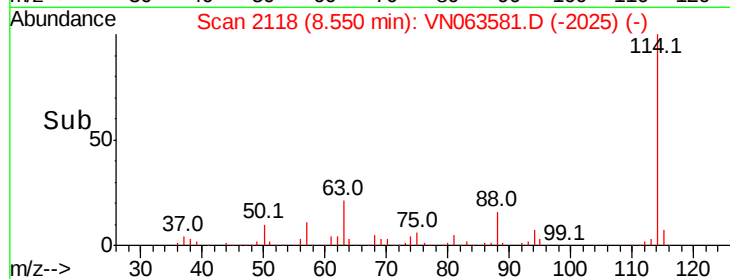
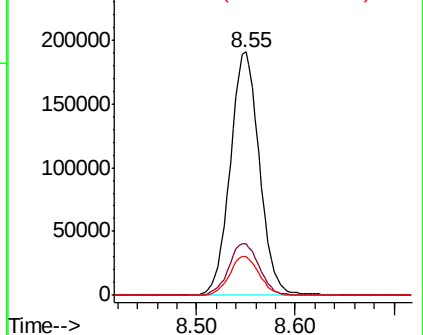
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063581.D
 Acq: 23 Sep 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923MBL01

Tot Ion:	114	Resp:	393659
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	46.4
88	15.8	0.0	33.2

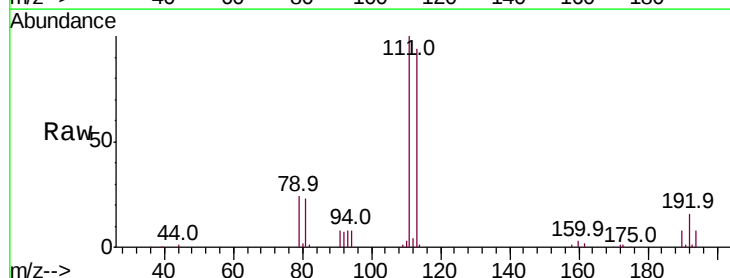


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

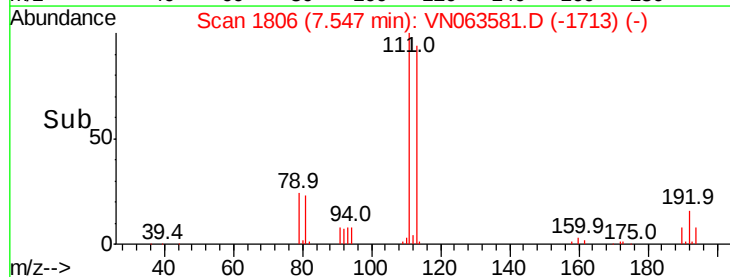
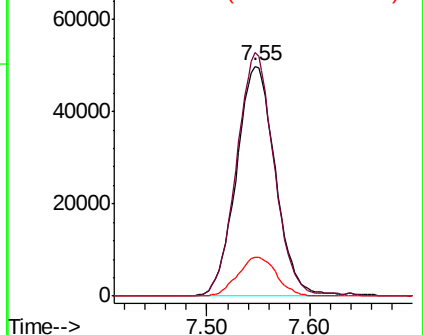


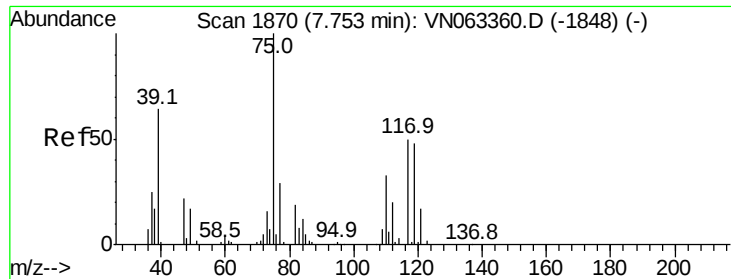
#35
 Dibromofluoromethane
 Concen: 48.088 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063581.D
 Acq: 23 Sep 2020 12:02

Tgt Ion:	113	Resp:	131051
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	16.7	13.9	20.9



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

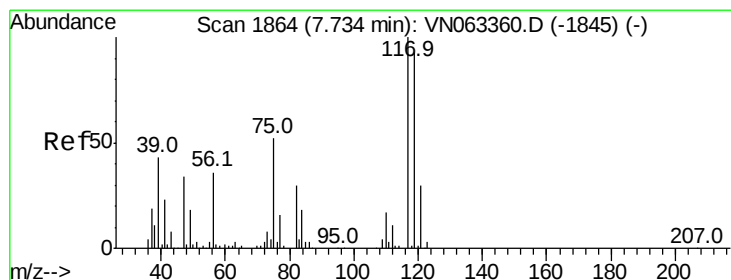
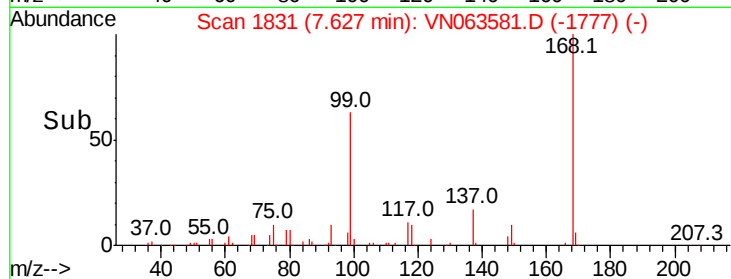
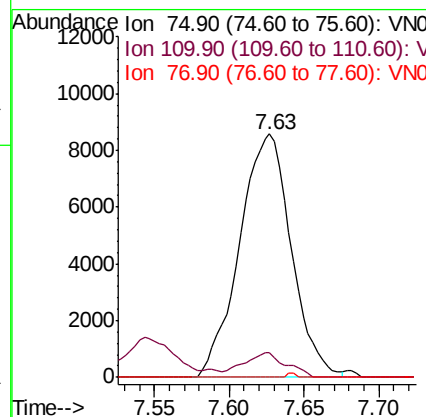
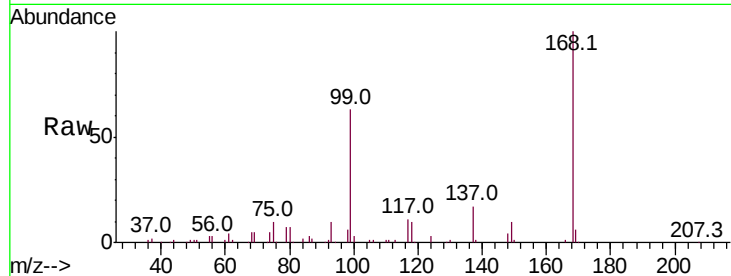




#36
 1,1-Dichloropropene
 Concen: 4.914 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063581.D
 Acq: 23 Sep 2020 12:02

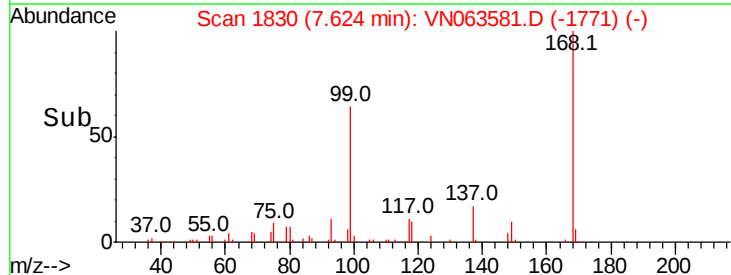
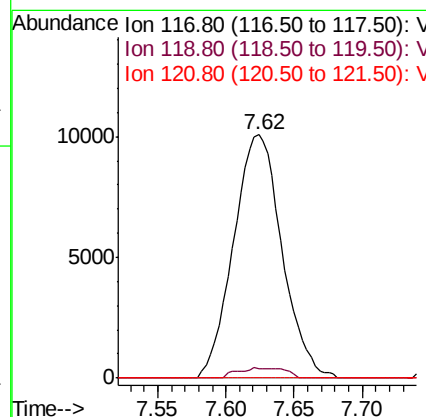
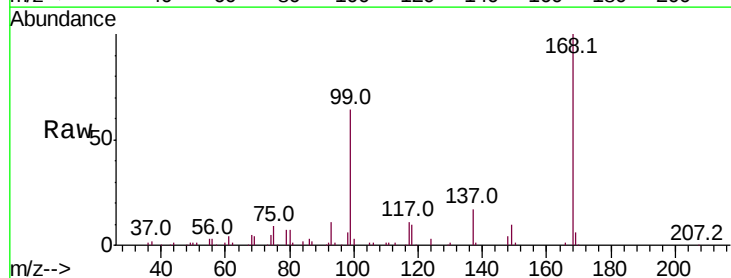
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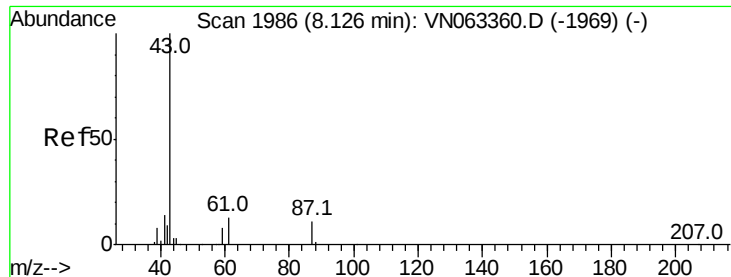
Tot Ion: 75 Resp: 20610
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.5 49.5#
 77 0.3 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.796 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063581.D
 Acq: 23 Sep 2020 12:02

Tgt Ion: 117 Resp: 24812
 Ion Ratio Lower Upper
 117 100
 119 4.1 74.5 111.7#
 121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 1.465 ug/l

RT: 8.32 min Scan# 2045

Delta R.T. 0.19 min

Lab File: VN063581.D

Acq: 23 Sep 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0923MBL01

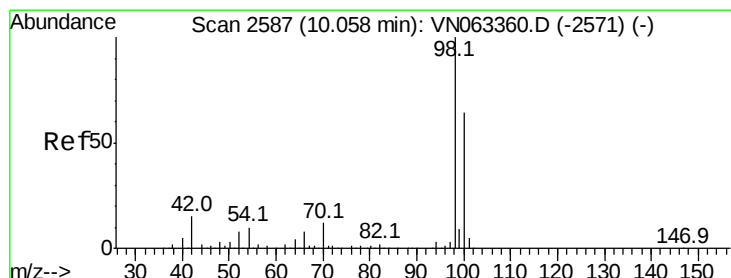
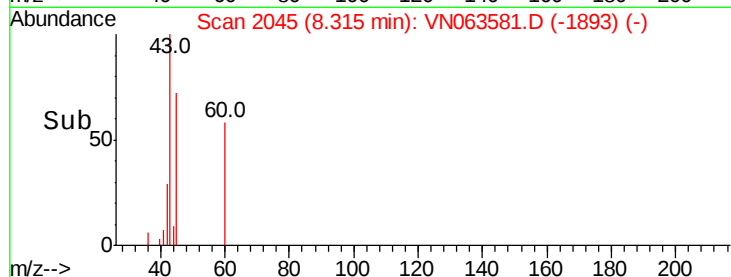
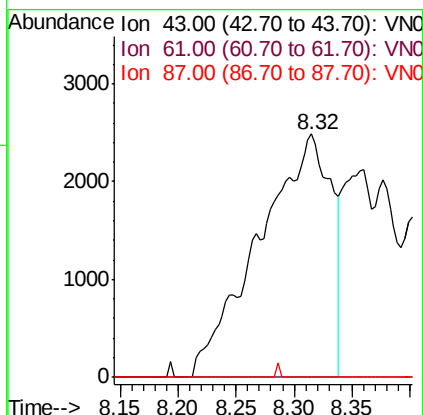
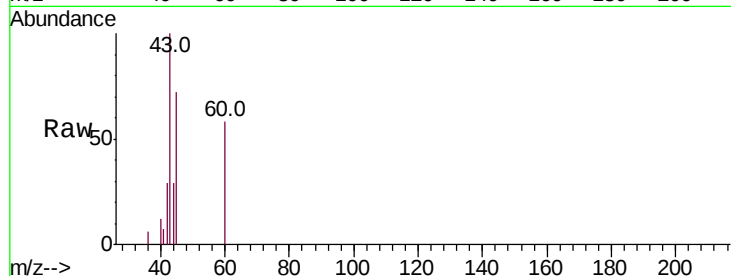
Tot Ion: 43 Resp: 10781

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 9.0 13.6#



#50

Toluene-d8

Concen: 48.158 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063581.D

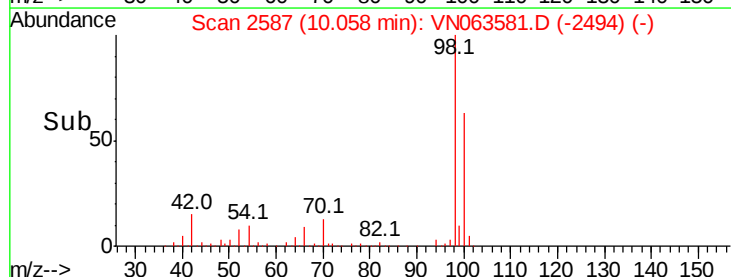
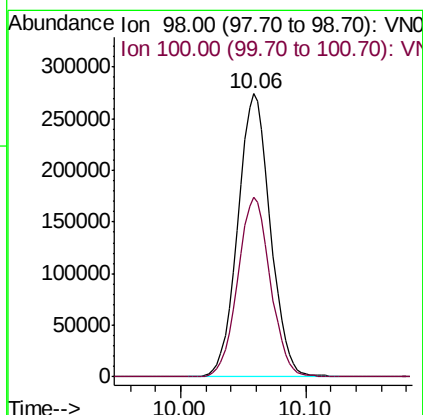
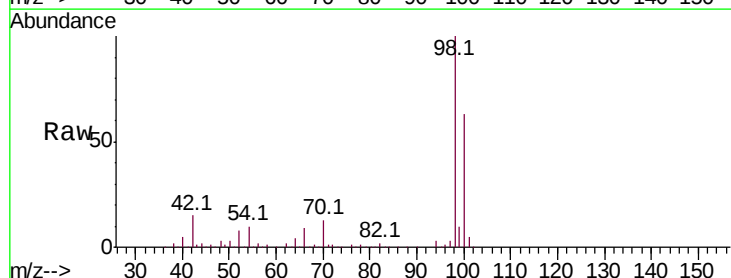
Acq: 23 Sep 2020 12:02

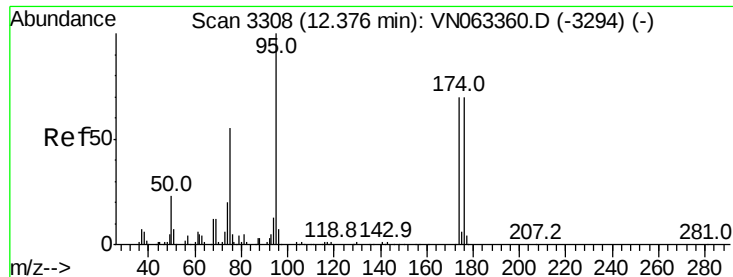
Tgt Ion: 98 Resp: 493491

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 49.639 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063581.D

Acq: 23 Sep 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0923MBL01

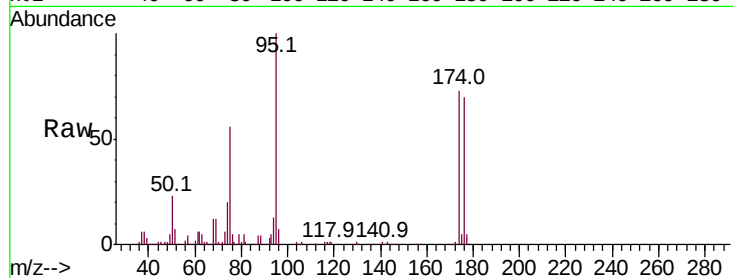
Tot Ion: 95 Resp: 186469

Ion Ratio Lower Upper

95 100

174 73.4 0.0 140.8

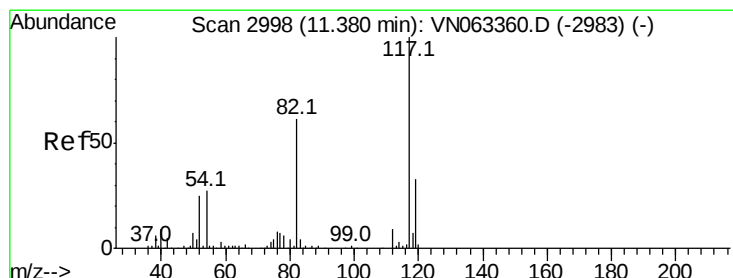
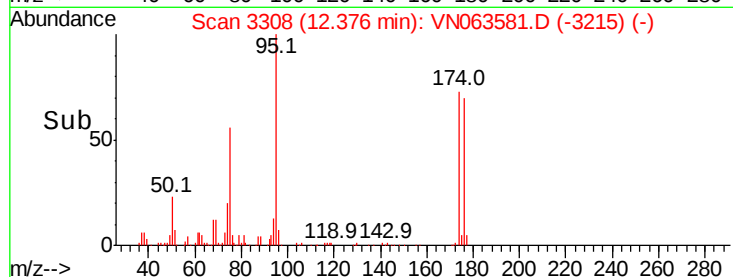
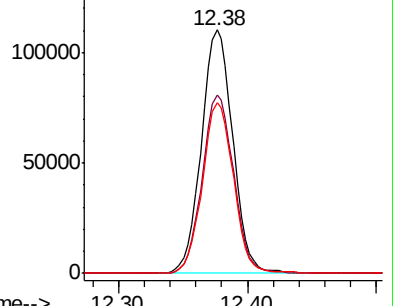
176 69.5 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063581.D

Acq: 23 Sep 2020 12:02

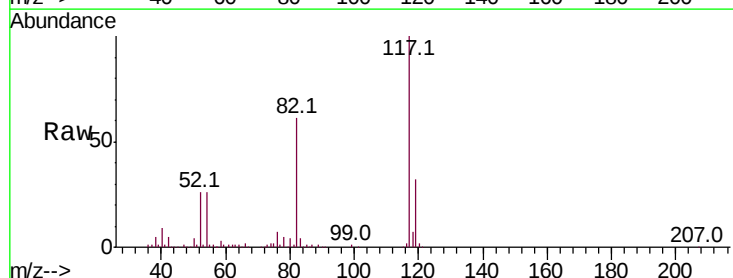
Tgt Ion: 117 Resp: 385144

Ion Ratio Lower Upper

117 100

82 61.4 49.2 73.8

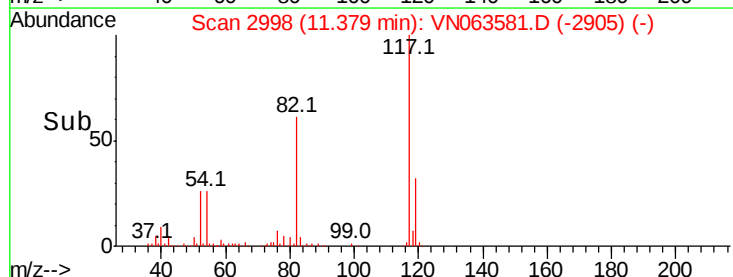
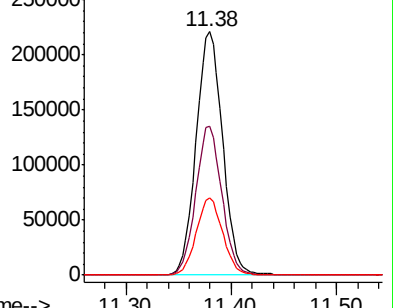
119 31.7 26.2 39.4

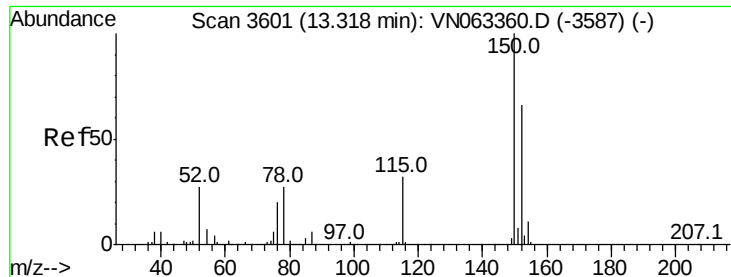


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063581.D

Acq: 23 Sep 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0923MBL01

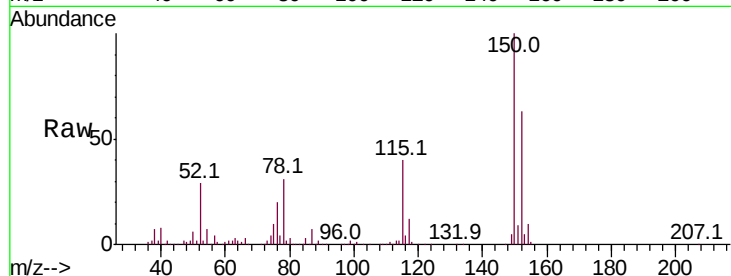
Tot Ion:152 Resp: 157112

Ion Ratio Lower Upper

152 100

115 64.4 32.2 96.6

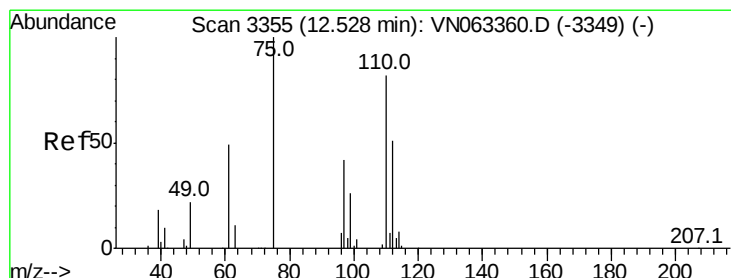
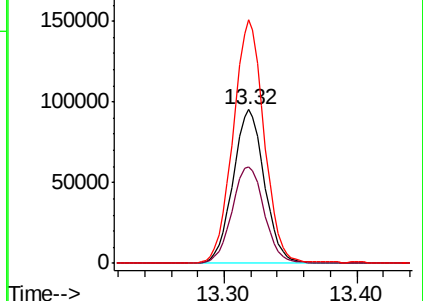
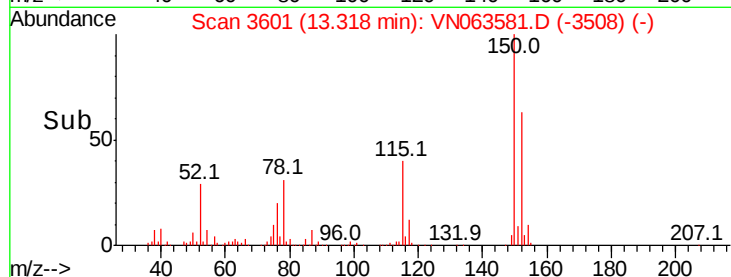
150 155.2 0.0 343.4



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: 26.845 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063581.D

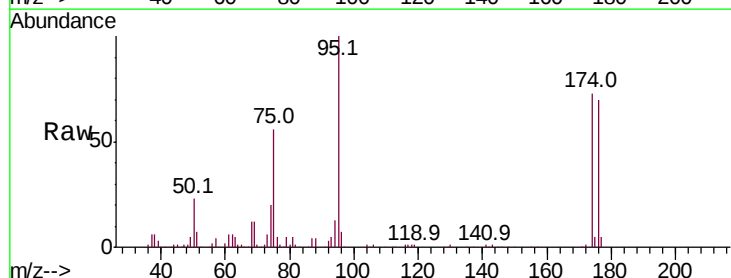
Acq: 23 Sep 2020 12:02

Tgt Ion: 75 Resp: 104395

Ion Ratio Lower Upper

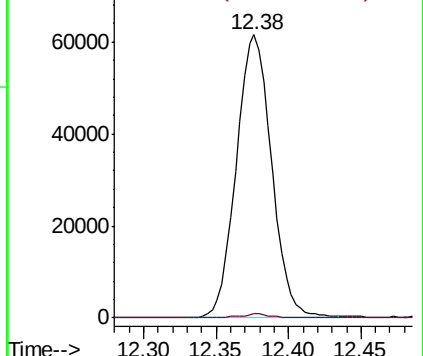
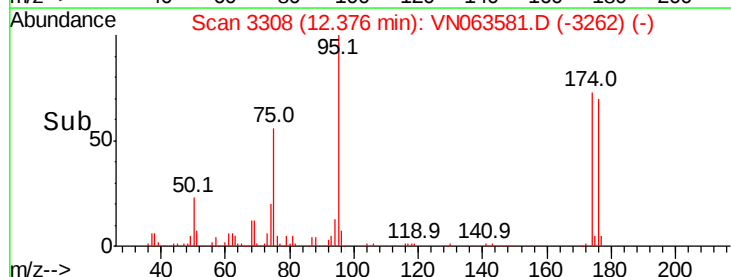
75 100

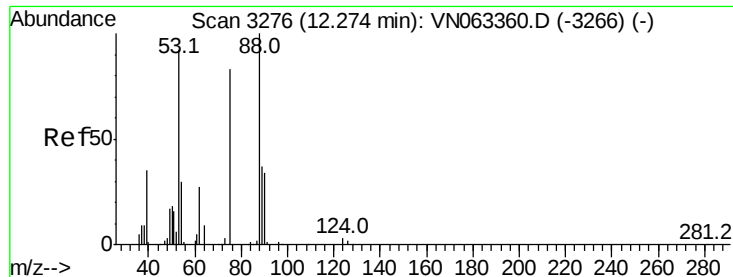
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.600 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063581.D

Acq: 23 Sep 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0923MBL01

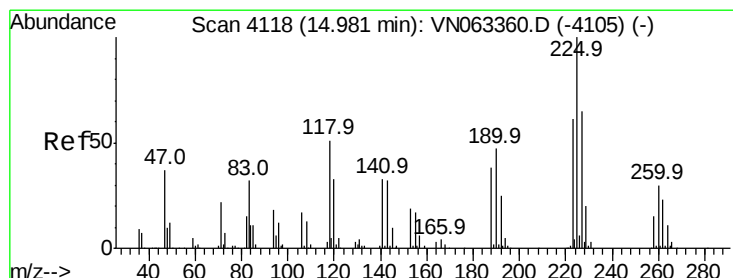
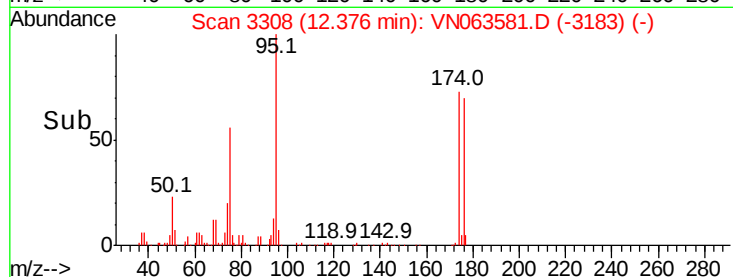
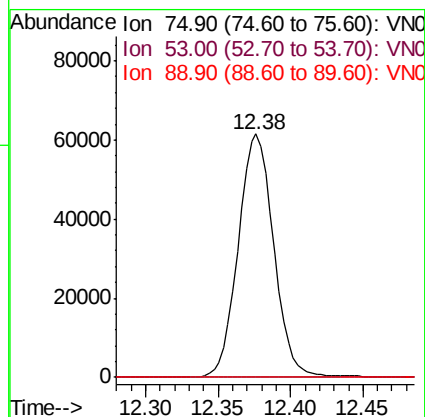
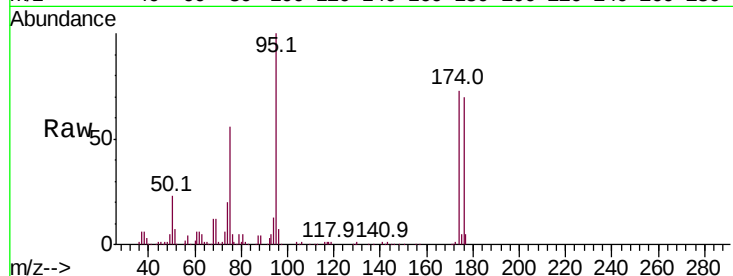
Tot Ion: 75 Resp: 104395

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#



#94

Hexachlorobutadiene

Concen: 0.442 ug/l

RT: 14.99 min Scan# 4121

Delta R.T. 0.01 min

Lab File: VN063581.D

Acq: 23 Sep 2020 12:02

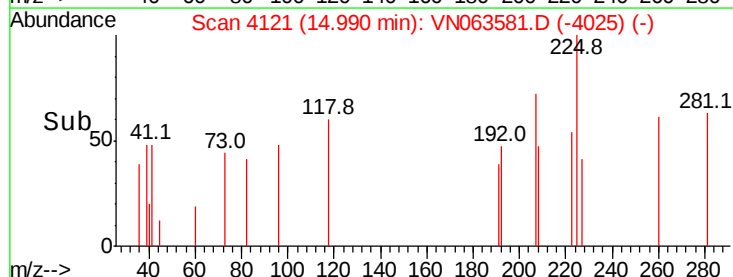
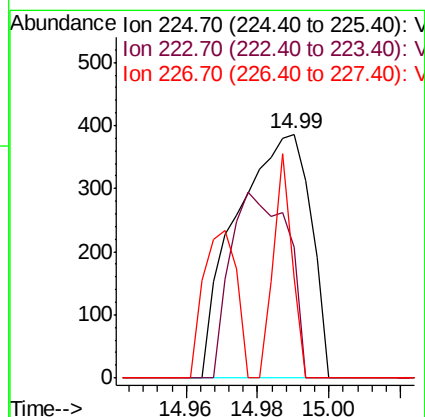
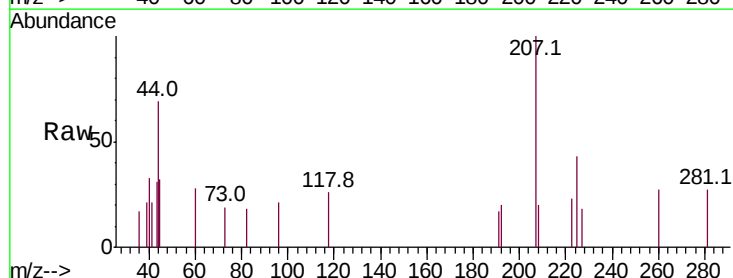
Tgt Ion: 225 Resp: 556

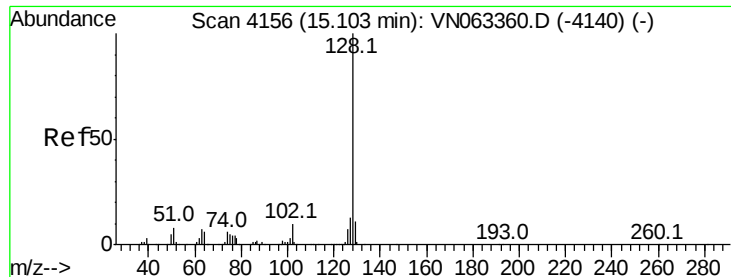
Ion Ratio Lower Upper

225 100

223 0.0 30.6 91.6#

227 23.2 31.2 93.6#





#95

Naphthalene

Concen: 0.259 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN063581.D

Acq: 23 Sep 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0923MBL01

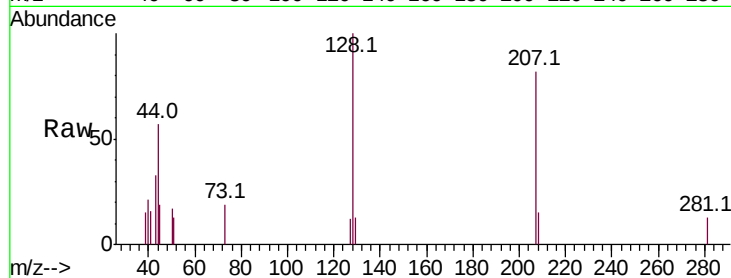
Tot Ion:128 Resp: 2599

Ion Ratio Lower Upper

128 100

127 7.3 10.6 15.8#

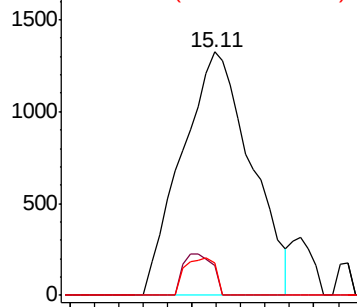
129 6.7 8.8 13.2#



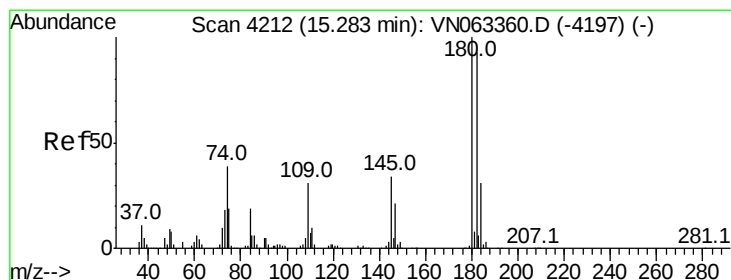
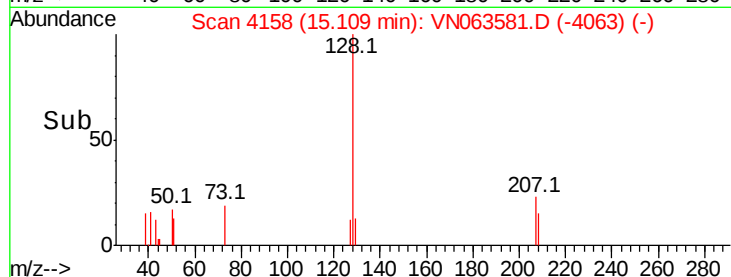
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 15.05 15.10 15.15



#96

1,2,3-Trichlorobenzene

Concen: 0.222 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063581.D

Acq: 23 Sep 2020 12:02

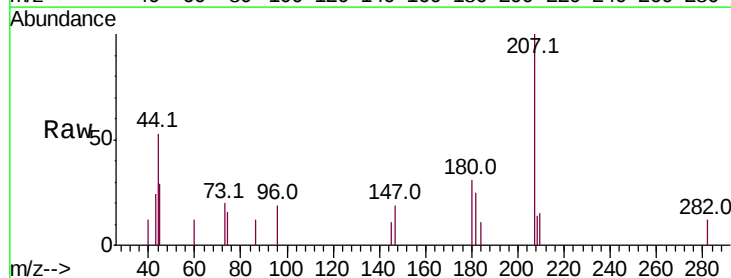
Tgt Ion:180 Resp: 651

Ion Ratio Lower Upper

180 100

182 98.3 46.7 140.1

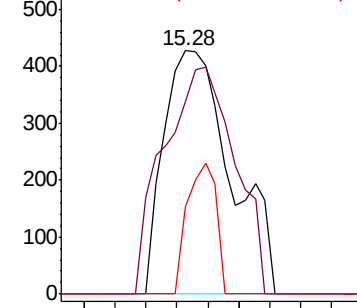
145 23.0 16.8 50.3



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--> 15.25 15.30

