

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064481.D
 Acq On : 6 Nov 2020 14:07
 Operator : JC/MD
 Sample : VN1106WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBL01

Quant Time: Nov 07 03:45:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	213419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159689	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	211588	56.92	ug/l	0.00
Spiked Amount			Recovery	=	113.84%	
35) Dibromofluoromethane	7.55	113	151993	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
50) Toluene-d8	10.06	98	554330	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.38	95	207829	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

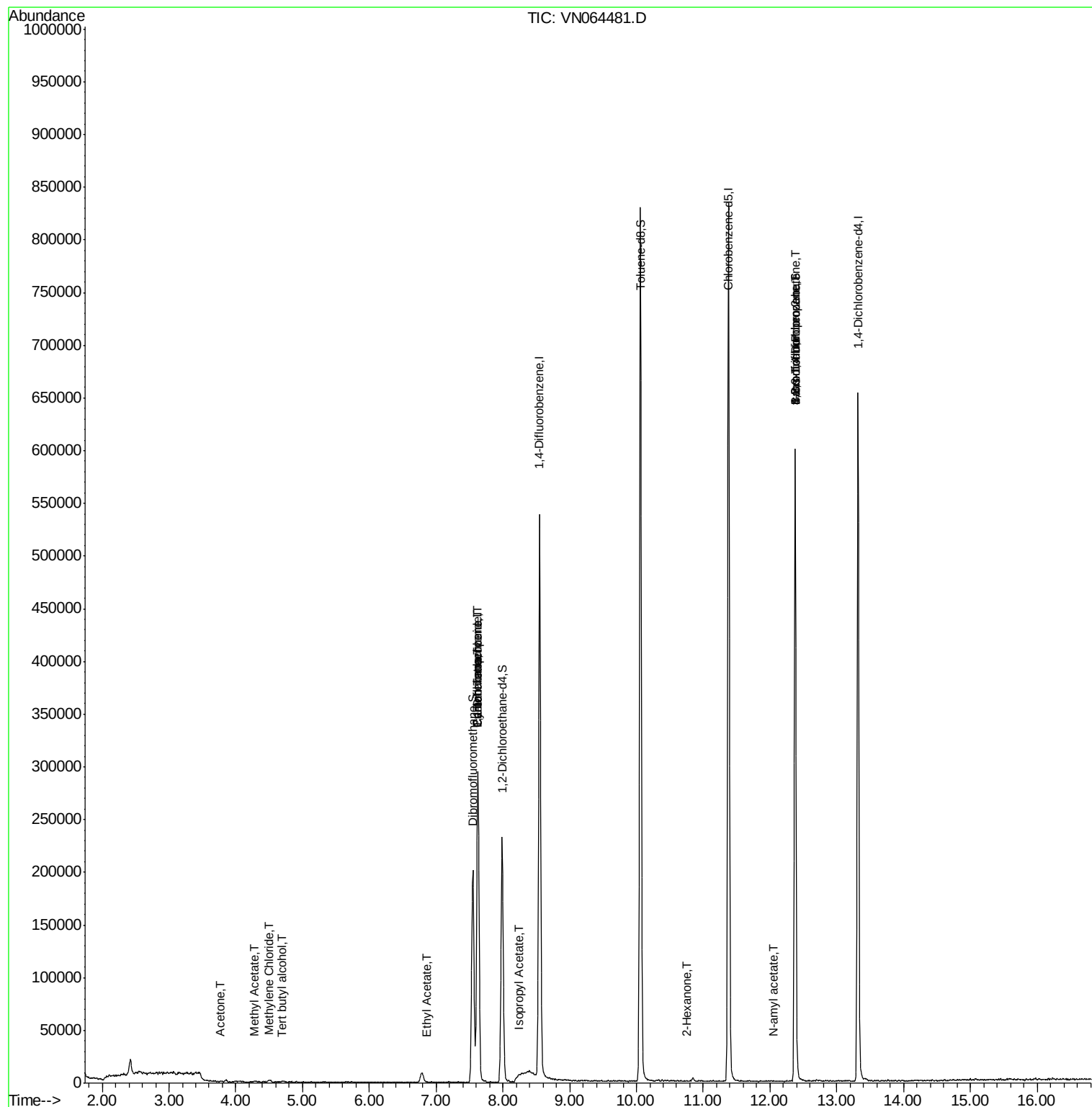
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.69	59	433	1.056	ug/l #	71
16) Acetone	3.78	43	646	0.456	ug/l #	48
18) Methyl Acetate	4.28	43	1011	0.363	ug/l #	55
20) Methylene Chloride	4.49	84	605	0.215	ug/l #	49
31) Cyclohexane	7.63	56	5694	1.260	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	20514	4.504	ug/l #	53
37) Ethyl Acetate	6.86	43	180	0.801	ug/l #	71
38) Carbon Tetrachloride	7.62	117	24504	5.034	ug/l #	18
43) Isopropyl Acetate	8.25	43	9939	1.347	ug/l #	64
59) 2-Hexanone	10.74	43	434	4.150	ug/l #	28
71) Bromoform	12.37	173	544	1.470	ug/l #	1
74) N-amyl acetate	12.04	43	109	1.232	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	120140	31.051	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	120140	86.698	ug/l #	8

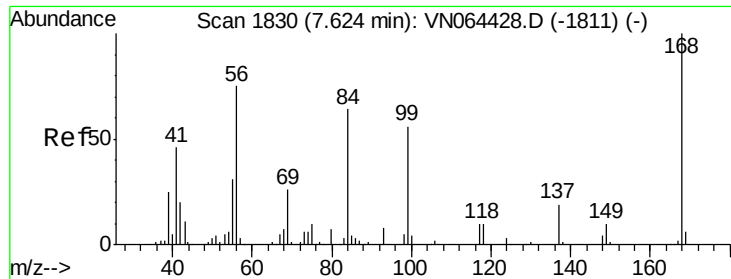
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110620\
Data File : VN064481.D
Acq On : 6 Nov 2020 14:07
Operator : JC/MD
Sample : VN1106WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

Quant Time: Nov 07 03:45:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064481.D

Acq: 6 Nov 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

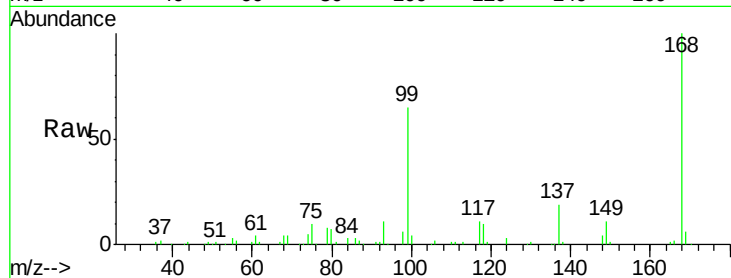
VN1106WBL01

Tot Ion:168 Resp: 213419

Ion Ratio Lower Upper

168 100

99 65.0 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

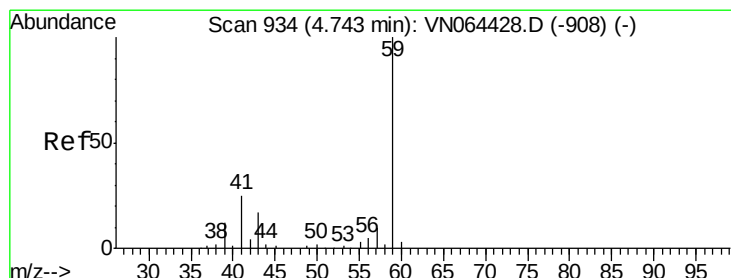
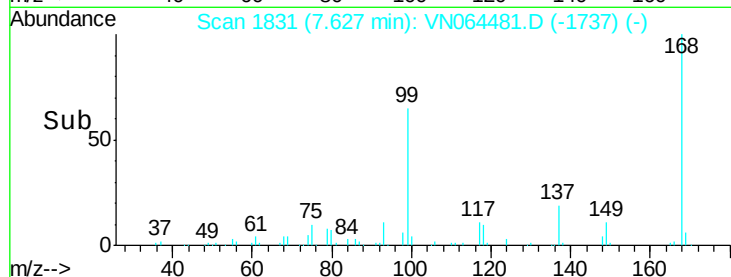
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 1.056 ug/l

RT: 4.69 min Scan# 917

Delta R.T. -0.05 min

Lab File: VN064481.D

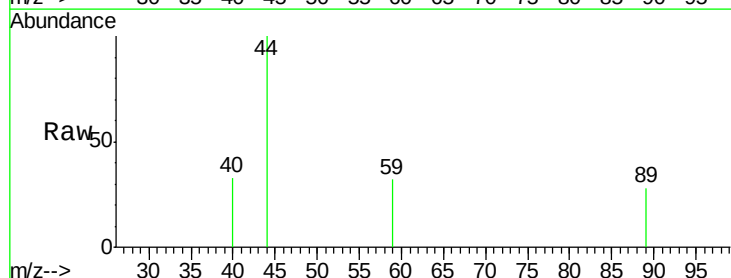
Acq: 6 Nov 2020 14:07

Tgt Ion: 59 Resp: 433

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.69

300

250

200

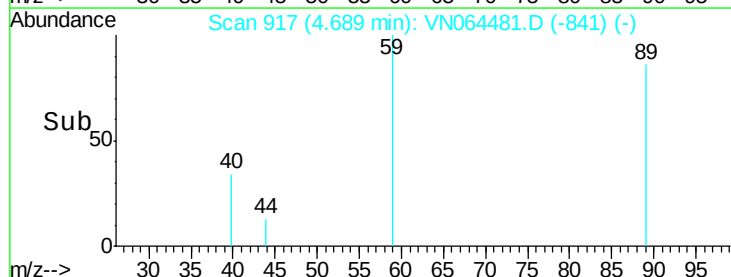
150

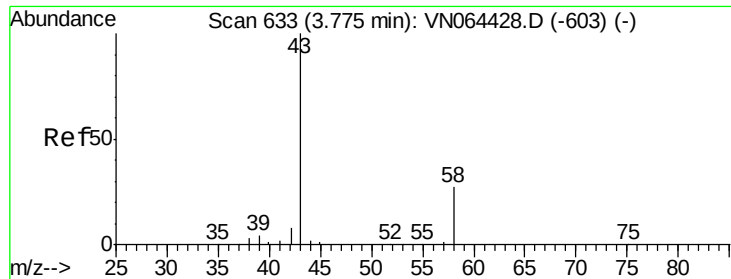
100

50

0

Time--> 4.66 4.68 4.70





#16

Acetone

Concen: 0.456 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064481.D

Acq: 6 Nov 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

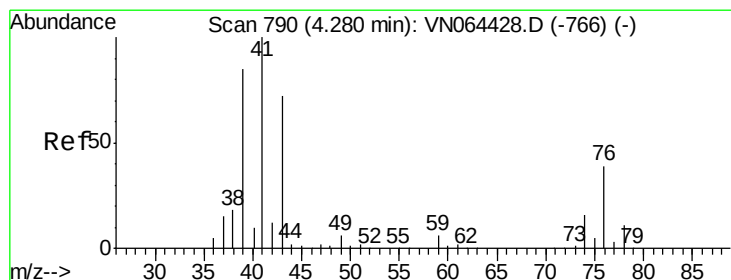
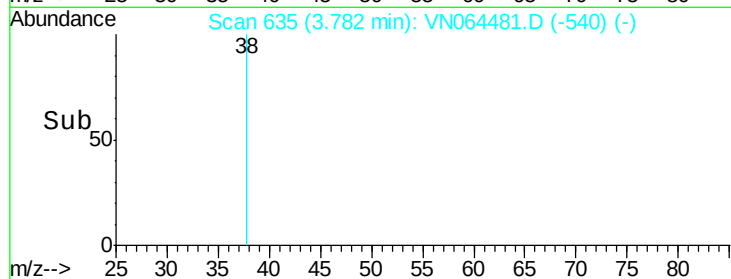
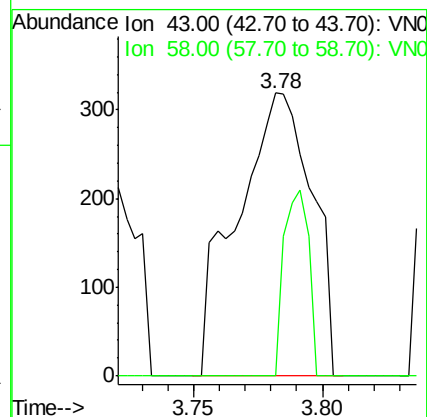
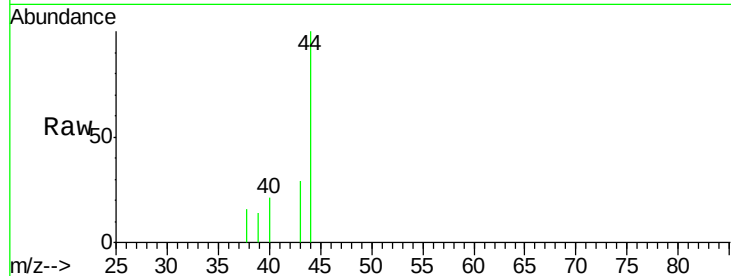
VN1106WBL01

Tot Ion: 43 Resp: 646

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.0#



#18

Methyl Acetate

Concen: 0.363 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064481.D

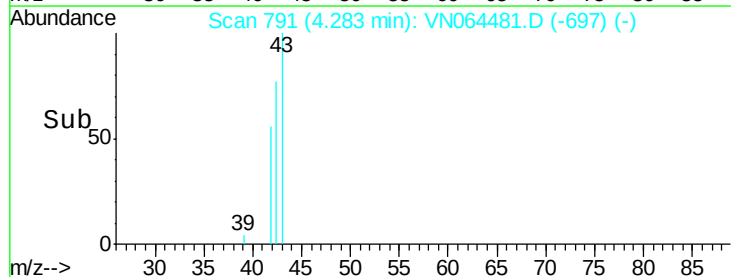
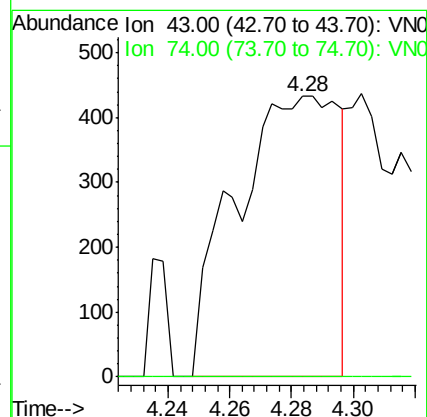
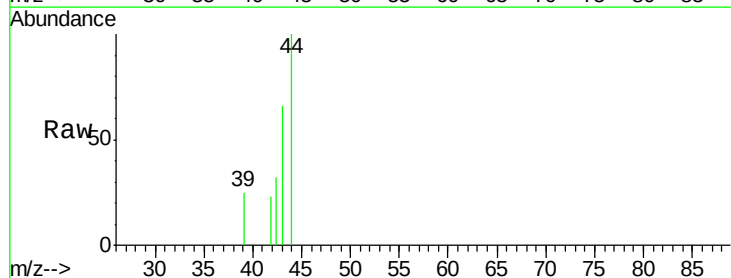
Acq: 6 Nov 2020 14:07

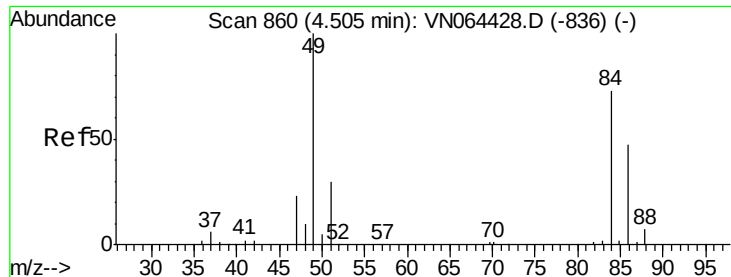
Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#

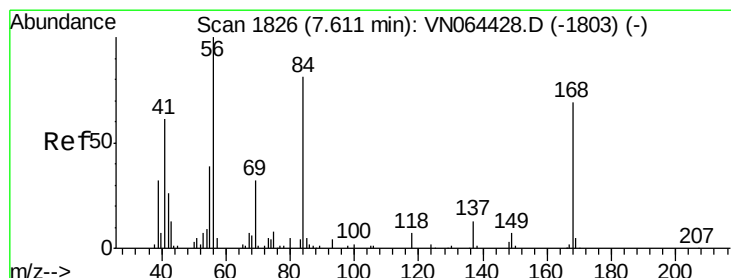
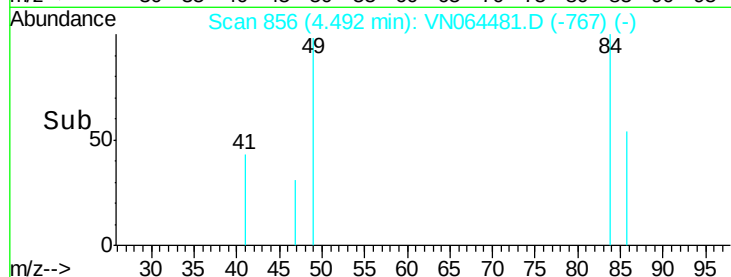
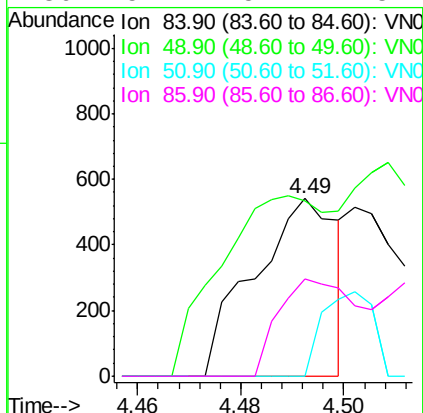
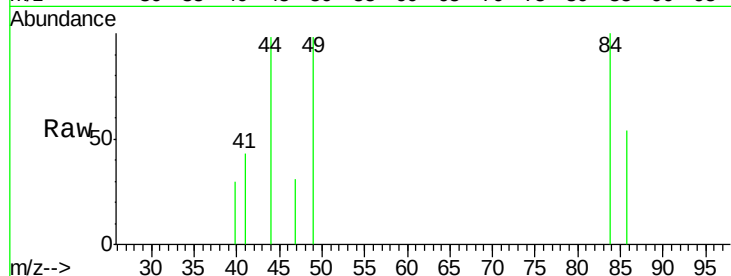




#20
Methvlene Chloride
Concen: 0.215 ug/l
RT: 4.49 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN064481.D
Acq: 6 Nov 2020 14:07

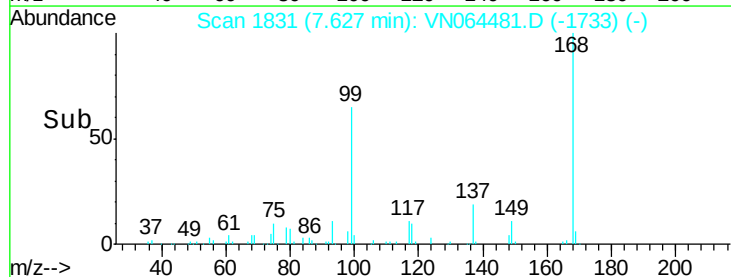
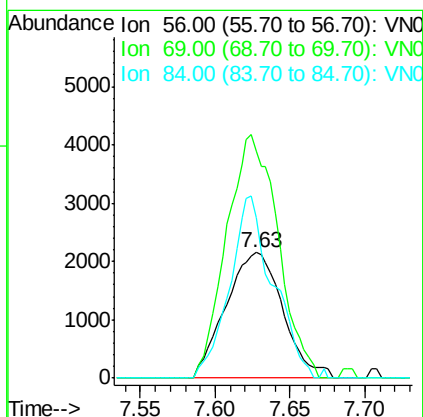
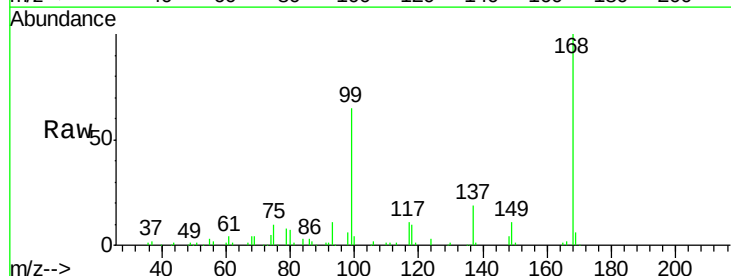
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

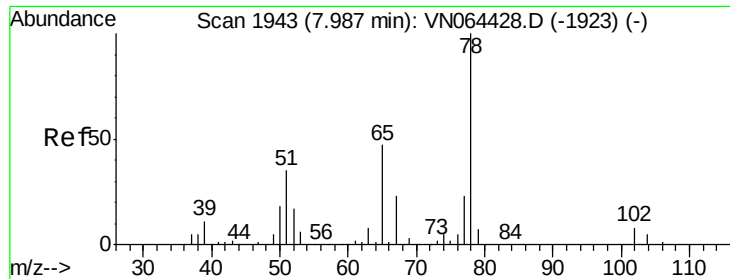
Tot Ion: 84 Resp: 605
Ion Ratio Lower Upper
84 100
49 60.5 110.1 165.1#
51 0.0 33.6 50.4#
86 54.4 52.1 78.1



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.02 min
Lab File: VN064481.D
Acq: 6 Nov 2020 14:07

Tgt Ion: 56 Resp: 5694
Ion Ratio Lower Upper
56 100
69 180.9 25.6 38.4#
84 128.0 63.0 94.6#

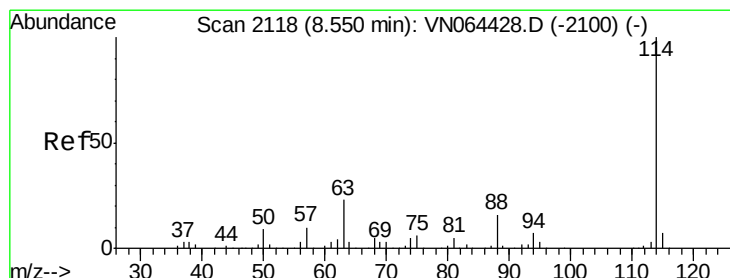
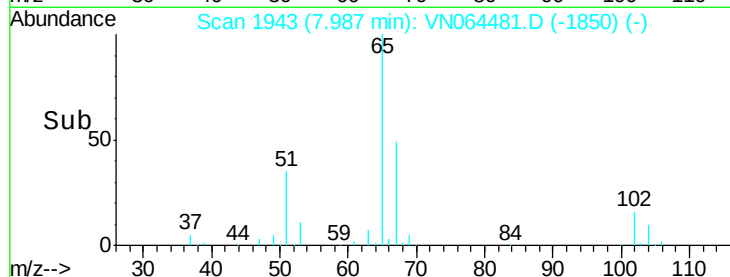
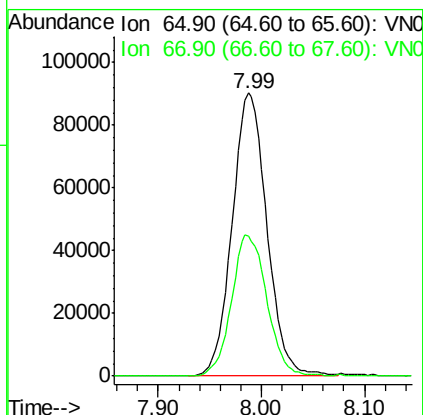
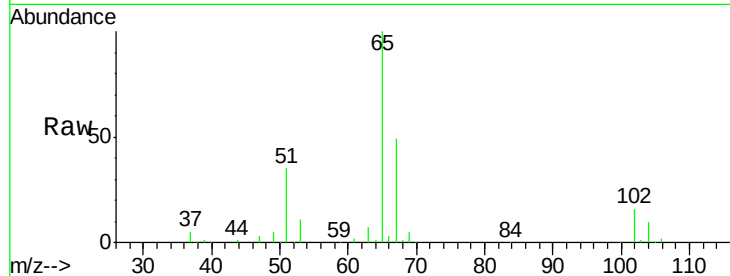




#33
 1,2-Dichloroethane-d4
 Concen: 56.918 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064481.D
 Acq: 6 Nov 2020 14:07

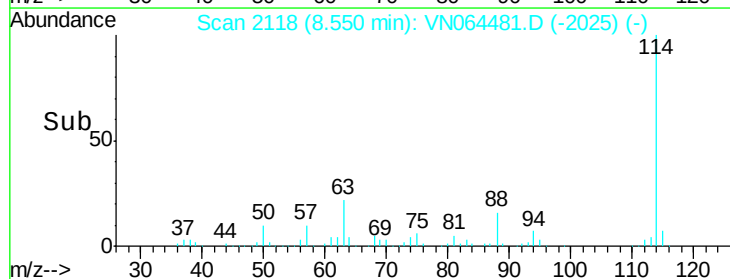
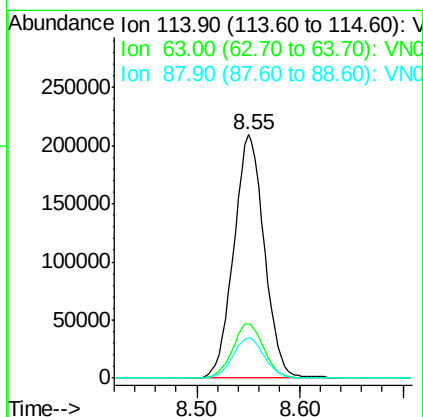
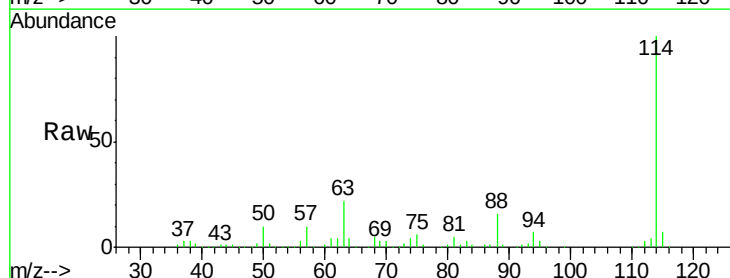
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBL01

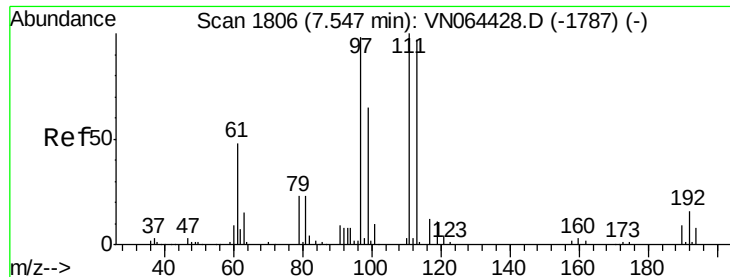
Tot Ion: 65 Resp: 211588
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064481.D
 Acq: 6 Nov 2020 14:07

Tgt Ion: 114 Resp: 431088
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.6
 88 16.5 0.0 32.8

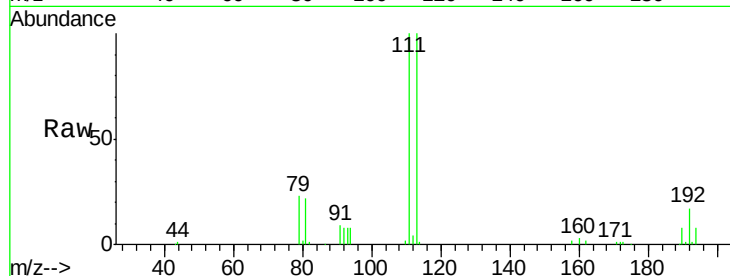




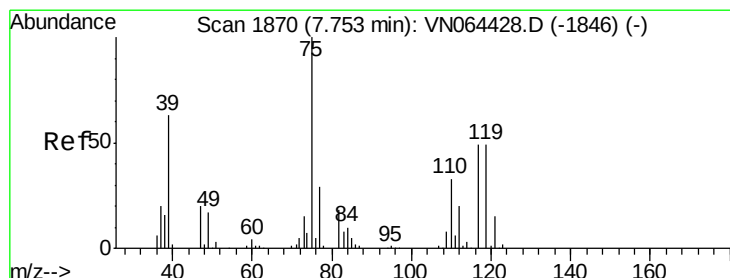
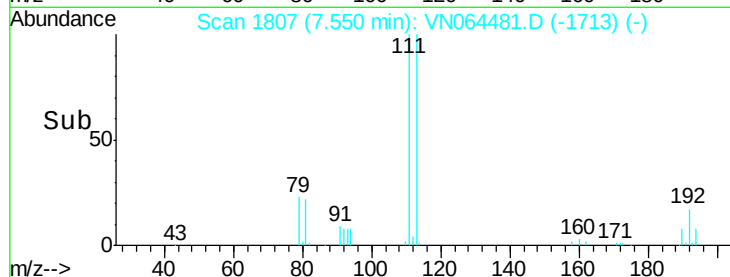
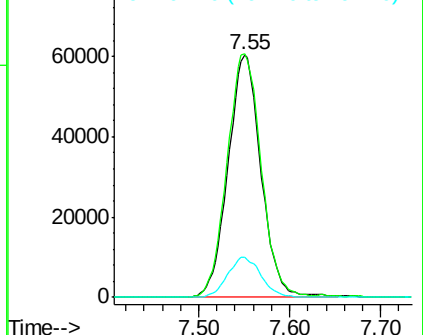
#35
Dibromofluoromethane
Concen: 51.784 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064481.D
Acq: 6 Nov 2020 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

Tot Ion:113 Resp: 151993
Ion Ratio Lower Upper
113 100
111 103.6 81.1 121.7
192 16.6 12.8 19.2

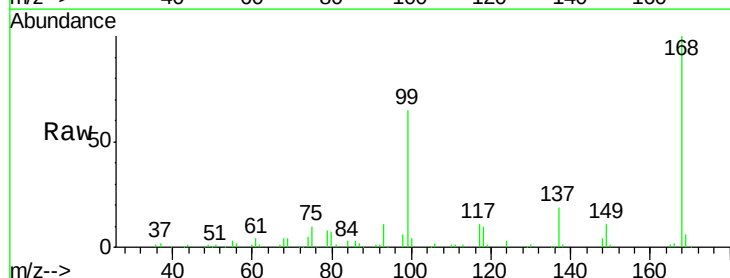


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

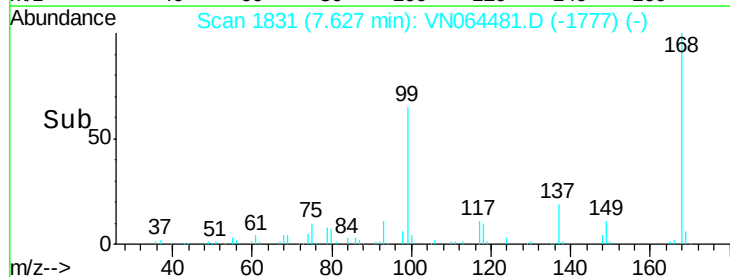
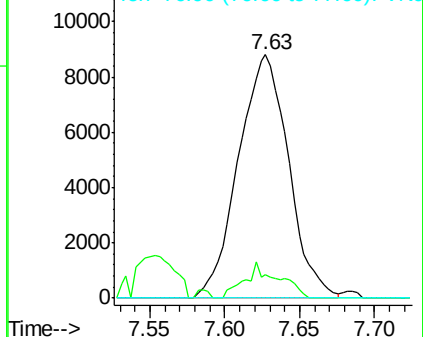


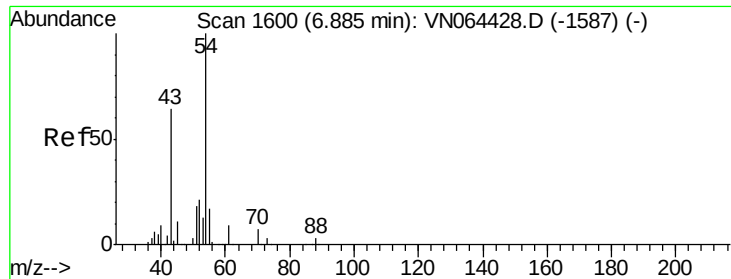
#36
1,1-Dichloropropene
Concen: 4.504 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN064481.D
Acq: 6 Nov 2020 14:07

Tgt Ion: 75 Resp: 20514
Ion Ratio Lower Upper
75 100
110 9.8 16.0 48.0#
77 0.0 24.0 36.0#



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





#37

Ethyl Acetate

Concen: 0.801 ug/l

RT: 6.86 min Scan# 1591

Delta R.T. -0.03 min

Lab File: VN064481.D

Acq: 6 Nov 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBL01

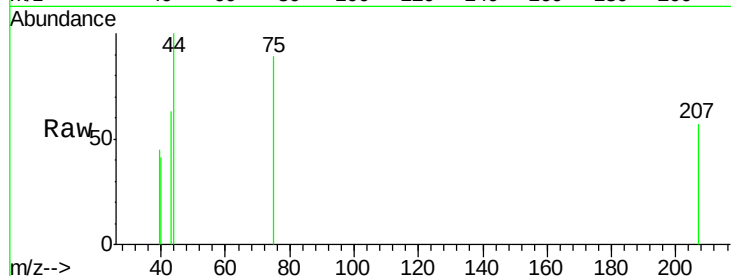
Tot Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

61 0.0 10.0 15.0#

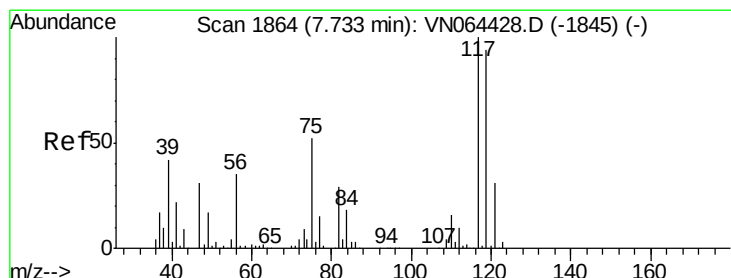
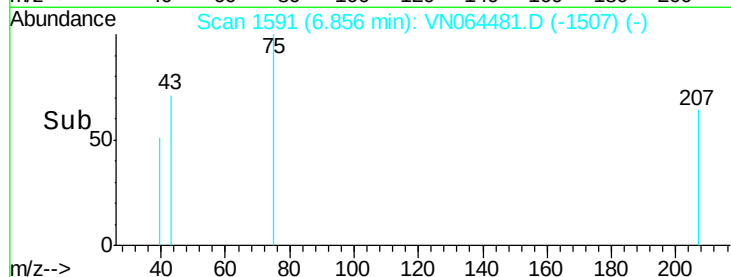
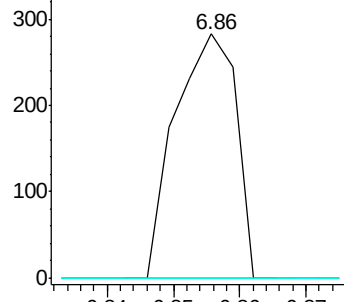
70 0.0 7.1 10.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 5.034 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064481.D

Acq: 6 Nov 2020 14:07

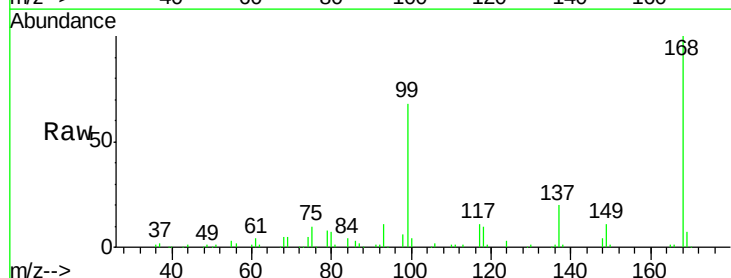
Tgt Ion: 117 Resp: 24504

Ion Ratio Lower Upper

117 100

119 6.7 75.5 113.3#

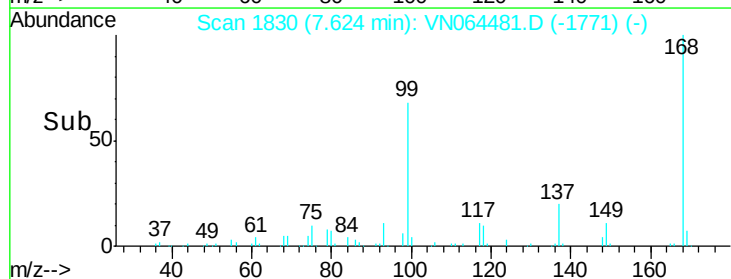
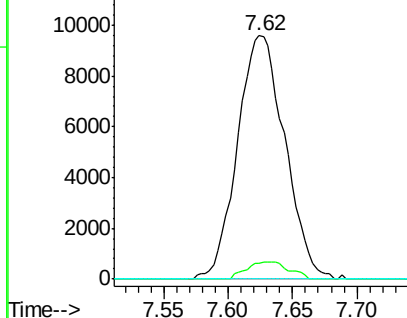
121 0.0 24.4 36.6#

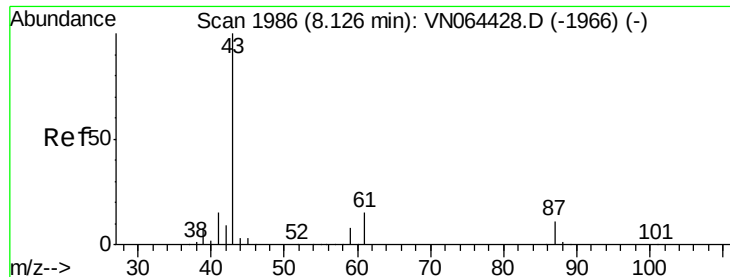


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 1.347 ug/l

RT: 8.25 min Scan# 2025

Delta R.T. 0.13 min

Lab File: VN064481.D

Acq: 6 Nov 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBL01

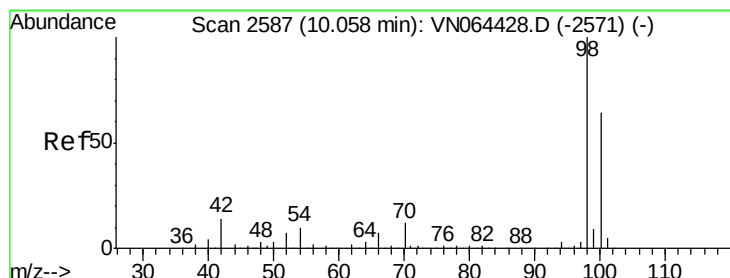
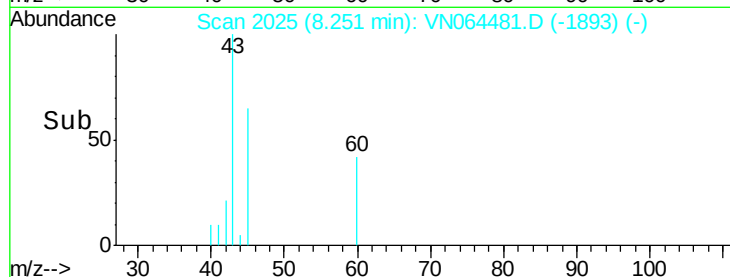
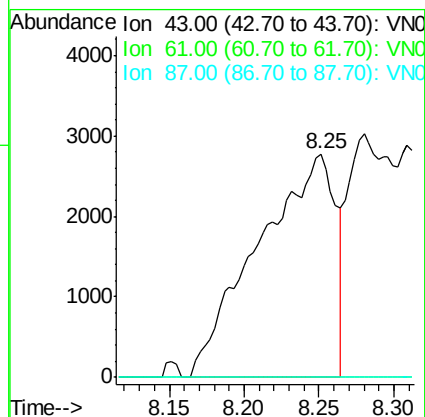
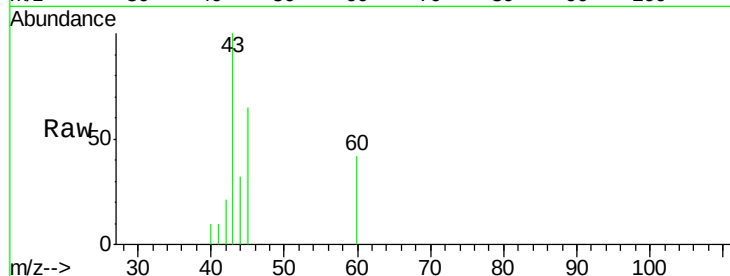
Tot Ion: 43 Resp: 9939

Ion Ratio Lower Upper

43 100

61 0.0 14.0 21.0#

87 0.0 9.1 13.7#



#50

Toluene-d8

Concen: 48.864 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064481.D

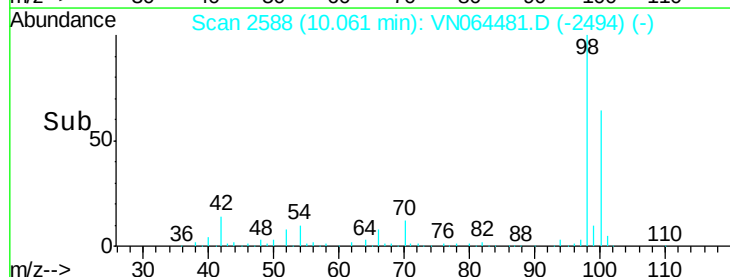
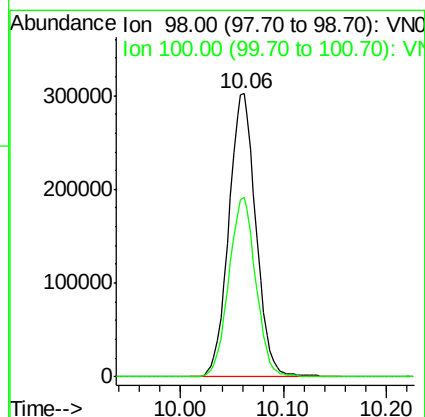
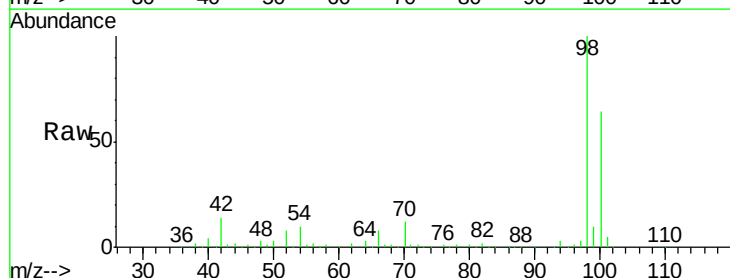
Acq: 6 Nov 2020 14:07

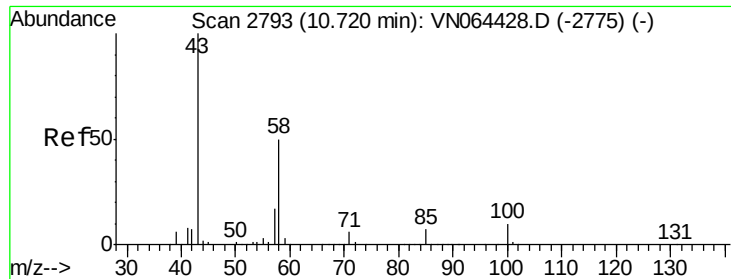
Tgt Ion: 98 Resp: 554330

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1

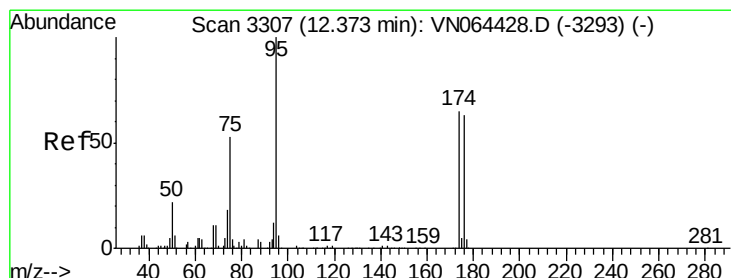
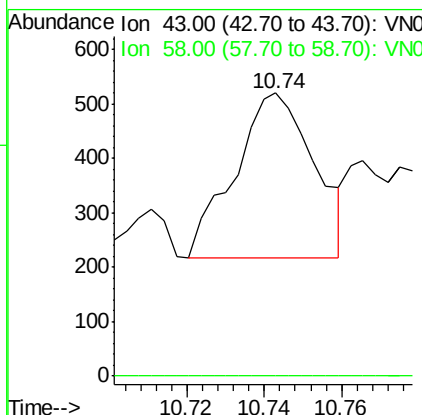
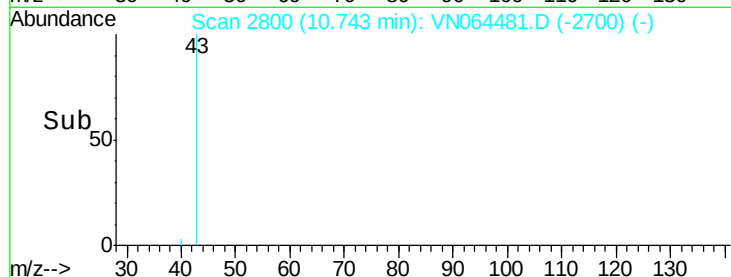
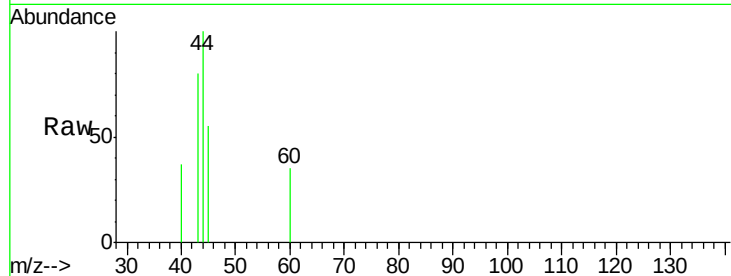




#59
2-Hexanone
Concen: 4.150 ug/l
RT: 10.74 min Scan# 2800
Delta R.T. 0.02 min
Lab File: VN064481.D
Acq: 6 Nov 2020 14:07

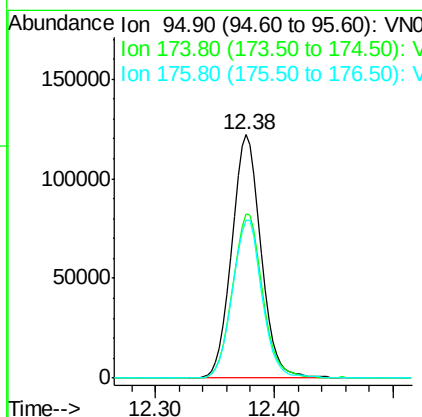
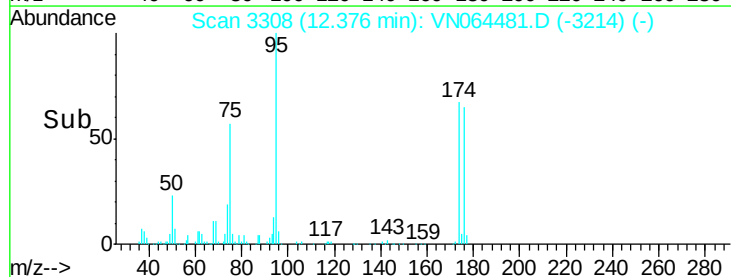
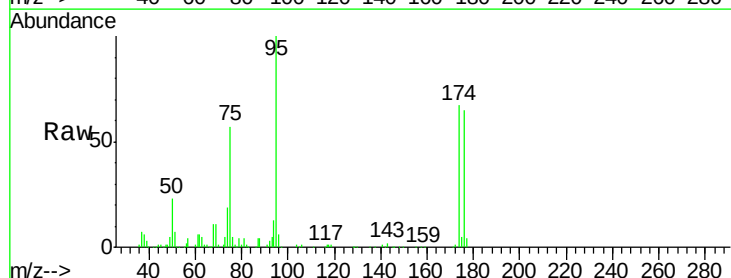
Instrument :
MSVOA_N
ClientSampled :
VN1106WBL01

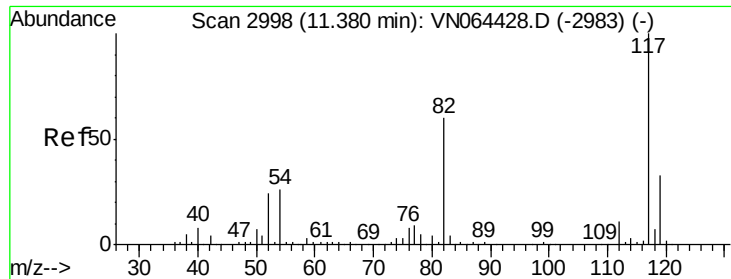
Tot Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
58 0.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 48.442 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064481.D
Acq: 6 Nov 2020 14:07

Tgt Ion: 95 Resp: 207829
Ion Ratio Lower Upper
95 100
174 69.1 0.0 132.6
176 66.1 0.0 129.2

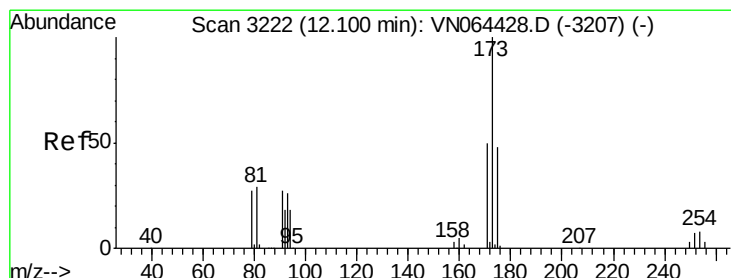
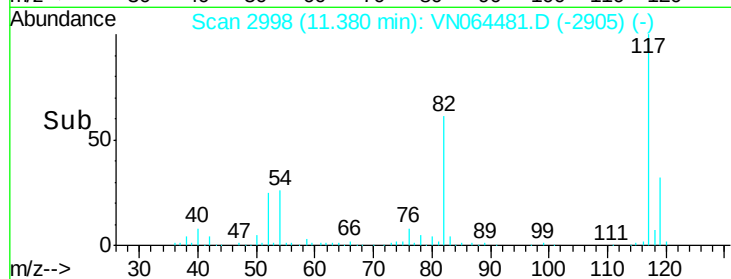
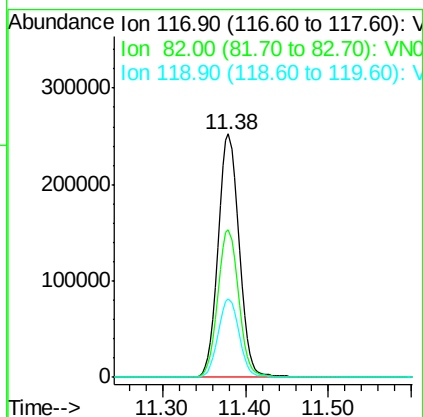
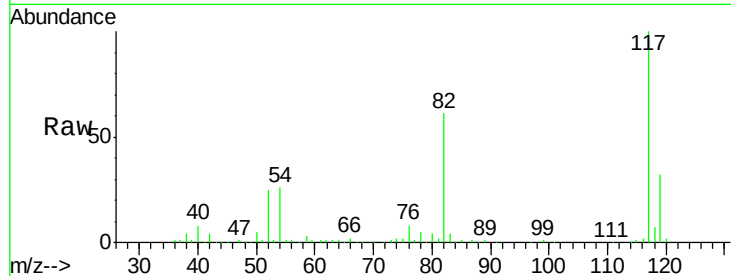




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064481.D
Acq: 6 Nov 2020 14:07

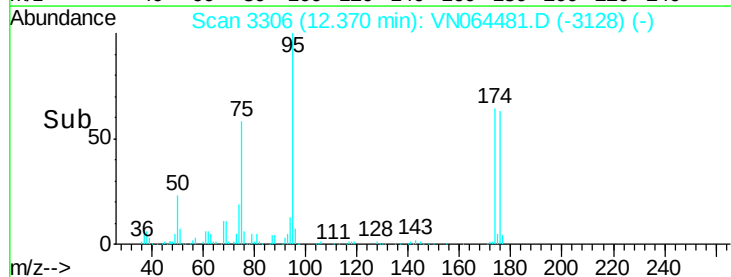
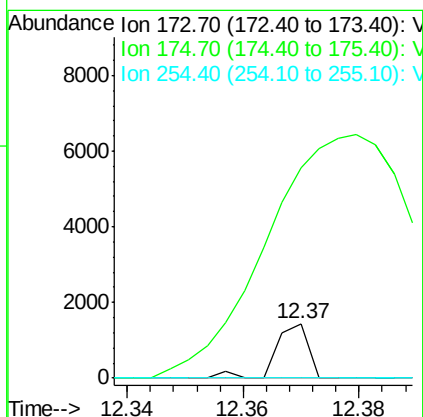
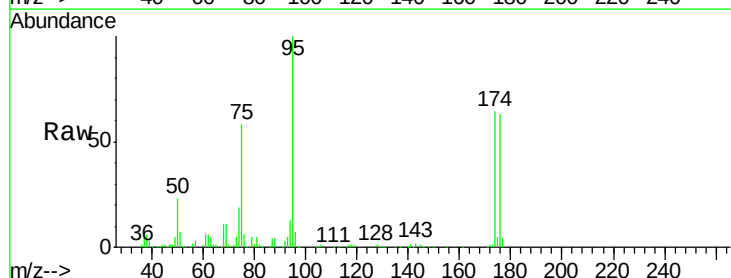
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

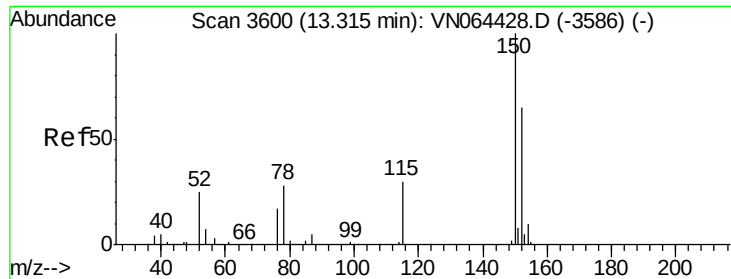
Tot Ion:117 Resp: 442534
Ion Ratio Lower Upper
117 100
82 60.5 48.1 72.1
119 32.2 26.2 39.4



#71
Bromoform
Concen: 1.470 ug/l
RT: 12.37 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN064481.D
Acq: 6 Nov 2020 14:07

Tgt Ion:173 Resp: 544
Ion Ratio Lower Upper
173 100
175 1752.4 23.7 71.1#
254 0.0 0.0 0.0

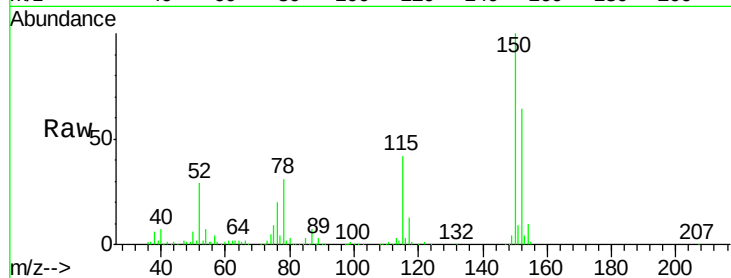




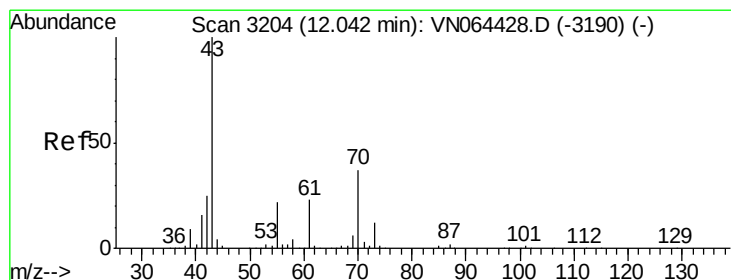
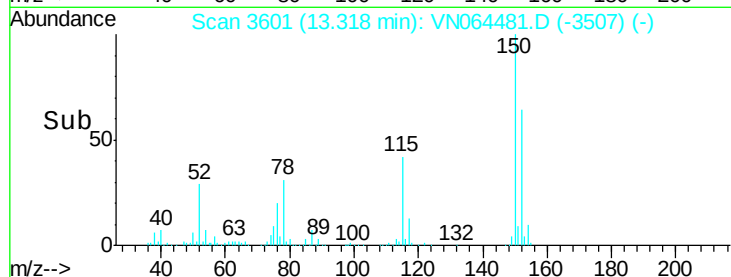
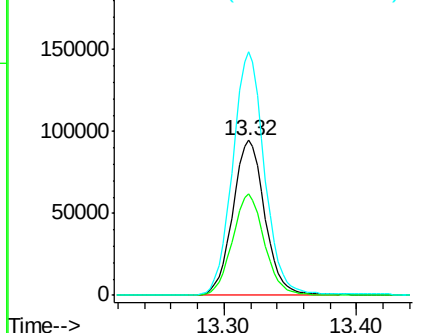
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN064481.D
 Acq: 6 Nov 2020 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBL01

Tot Ion:152 Resp: 159689
 Ion Ratio Lower Upper
 152 100
 115 65.1 32.0 96.0
 150 155.6 0.0 353.8

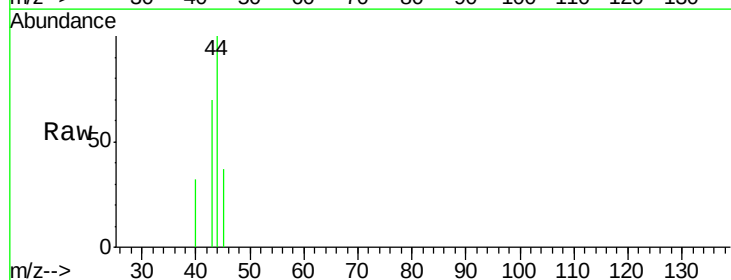


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

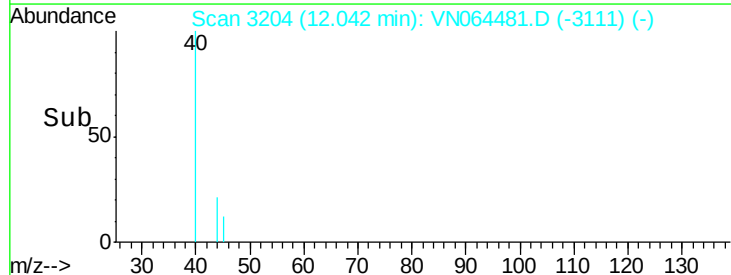
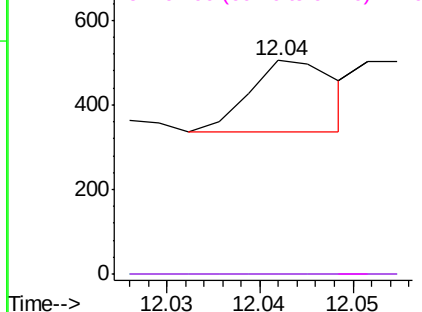


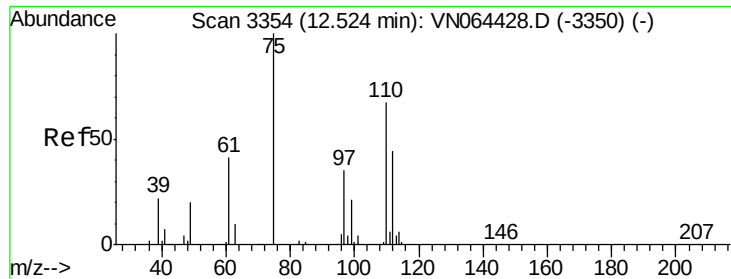
#74
 N-ethyl acetate
 Concen: 1.232 ug/l
 RT: 12.04 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VN064481.D
 Acq: 6 Nov 2020 14:07

Tgt Ion: 43 Resp: 109
 Ion Ratio Lower Upper
 43 100
 70 0.0 29.6 44.4#
 55 0.0 18.4 27.6#
 61 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 70.00 (69.70 to 70.70): V
 Ion 55.00 (54.70 to 55.70): V
 Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 31.051 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064481.D

Acq: 6 Nov 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

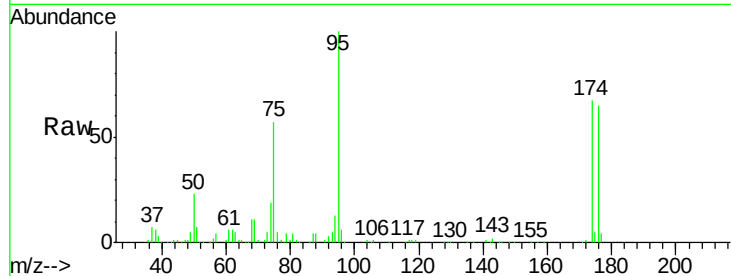
VN1106WBL01

Tot Ion: 75 Resp: 120140

Ion Ratio Lower Upper

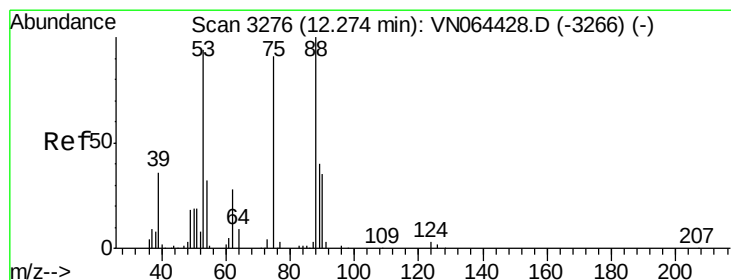
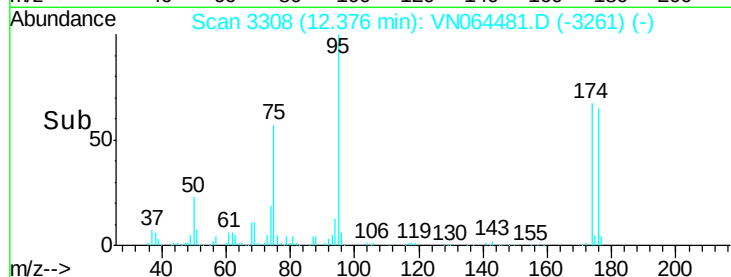
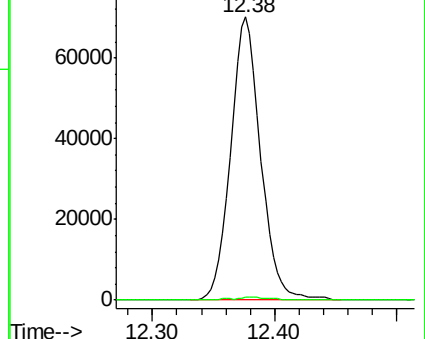
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC



#81

trans-1,4-Dichloro-2-butene

Concen: 86.698 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064481.D

Acq: 6 Nov 2020 14:07

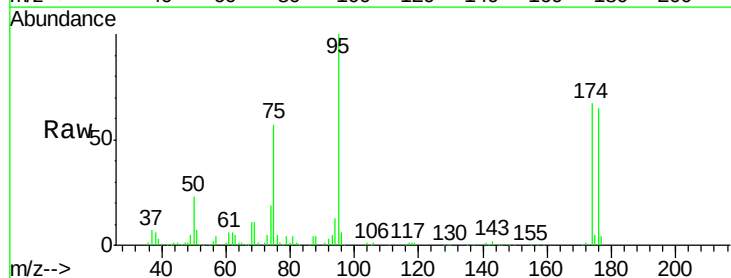
Tgt Ion: 75 Resp: 120140

Ion Ratio Lower Upper

75 100

53 0.2 84.0 126.0#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 53.00 (52.70 to 53.70): VNC

Ion 88.90 (88.60 to 89.60): VNC

