

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064255.D
 Acq On : 22 Oct 2020 17:20
 Operator : JC/MD
 Sample : VN1022MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Oct 23 01:58:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	228103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173923	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	177832	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
35) Dibromofluoromethane	7.55	113	130896	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	10.06	98	496579	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.38	95	212740	54.45	ug/l	0.00
Spiked Amount			Recovery	=	108.90%	

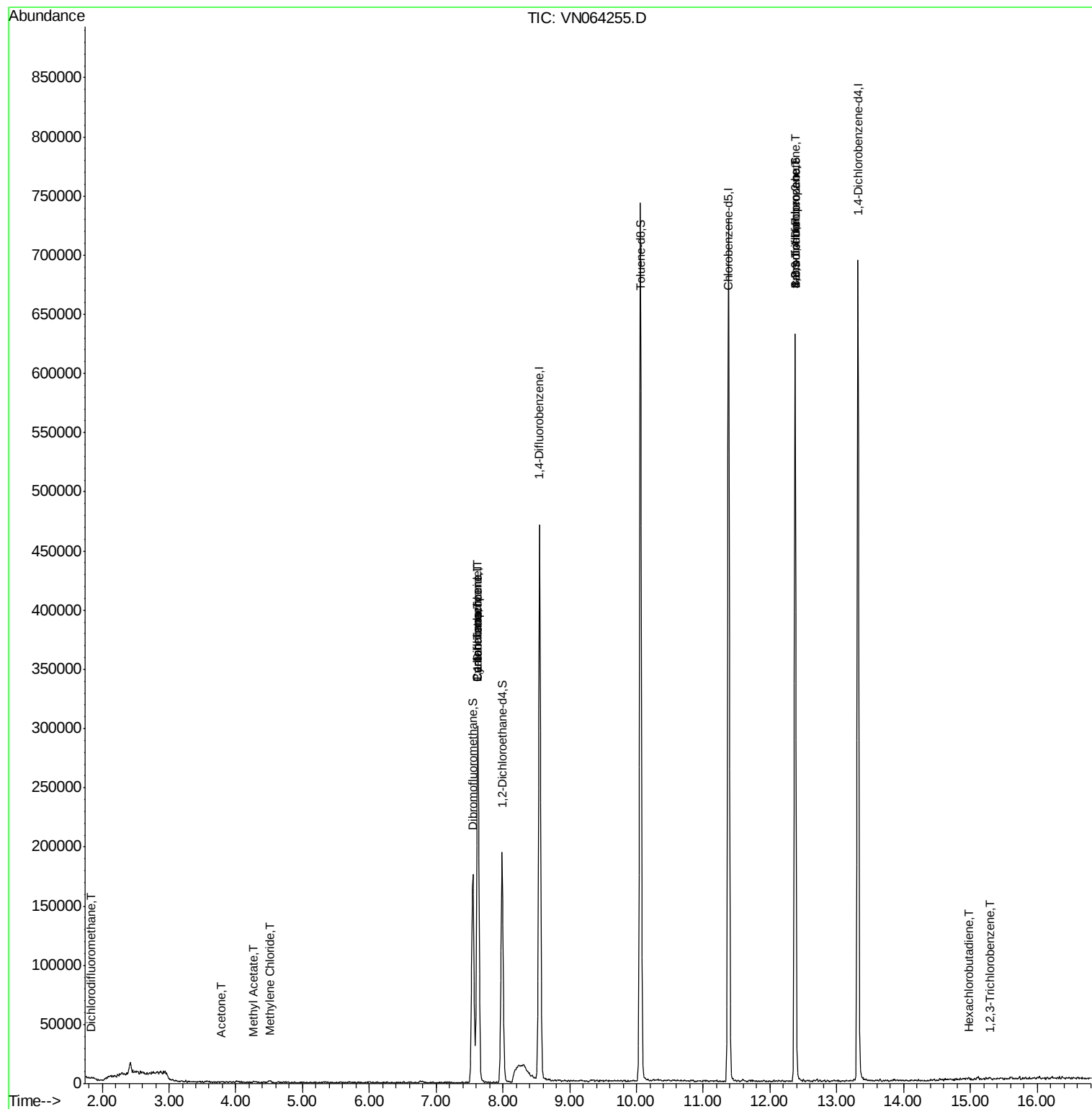
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	65	0.809	ug/l #	41
16) Acetone	3.77	43	239	0.247	ug/l #	49
18) Methyl Acetate	4.27	43	607	0.246	ug/l #	53
20) Methylene Chloride	4.51	84	526	0.204	ug/l #	59
31) Cyclohexane	7.62	56	5690	1.417	ug/l #	10
36) 1,1-Dichloropropene	7.63	75	19788	4.967	ug/l #	48
38) Carbon Tetrachloride	7.62	117	24789	5.468	ug/l #	14
71) Bromoform	12.37	173	759	0.305	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	120940	32.984	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	120940	83.276	ug/l #	9
94) Hexachlorobutadiene	14.98	225	461	0.279	ug/l #	45
96) 1,2,3-Trichlorobenzene	15.29	180	687	0.226	ug/l #	65

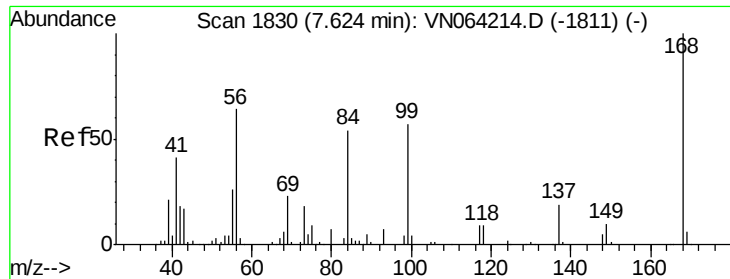
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN102220\
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Instrument :
MSVOA_N
ClientSampleId :
BFB

Quant Time: Oct 23 01:58:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 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: VN064255.D

Acq: 22 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

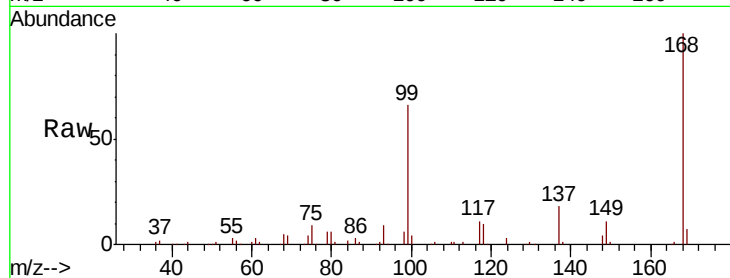
BFB

Tot Ion:168 Resp: 228103

Ion Ratio Lower Upper

168 100

99 65.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

60000

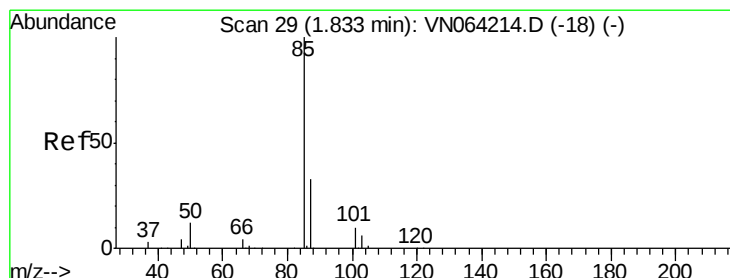
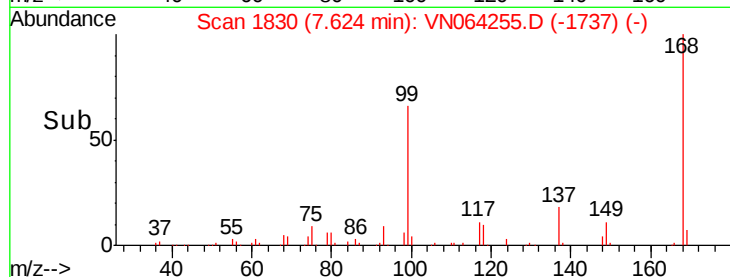
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 0.809 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064255.D

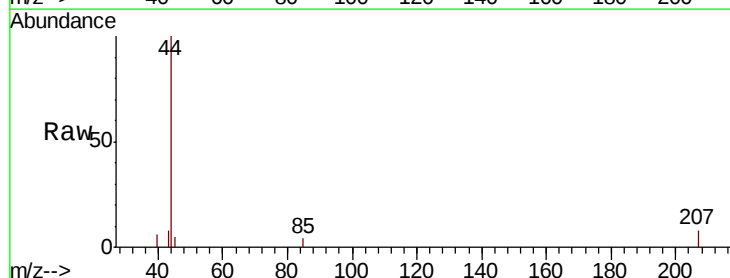
Acq: 22 Oct 2020 17:20

Tgt Ion: 85 Resp: 65

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200

150

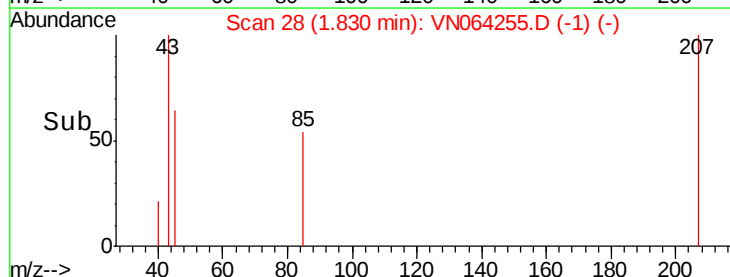
100

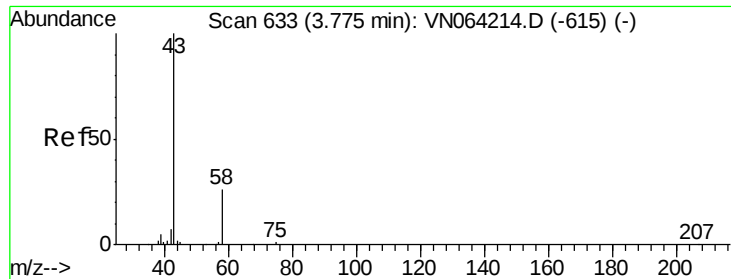
50

0

Time-->

1.82 1.83 1.84





#16

Acetone

Concen: 0.247 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampled :

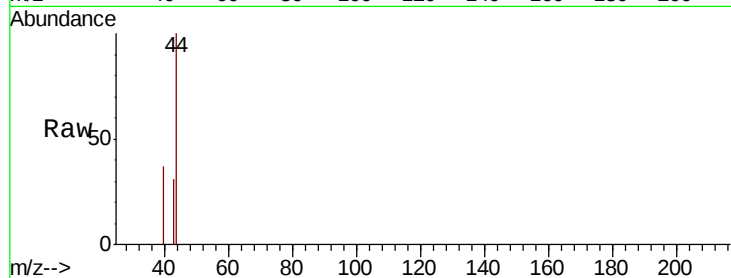
BFB

Tot Ion: 43 Resp: 239

Ion Ratio Lower Upper

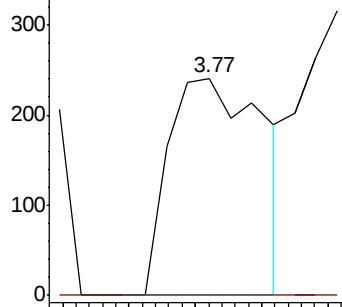
43 100

58 0.0 21.0 31.4#

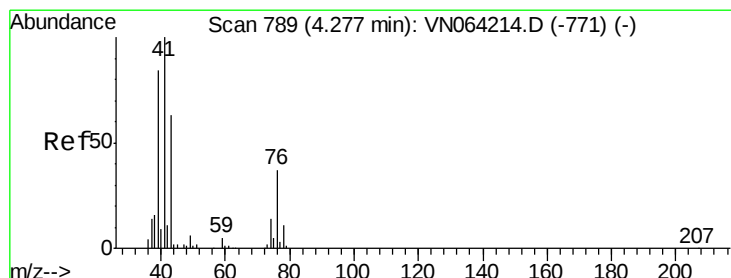
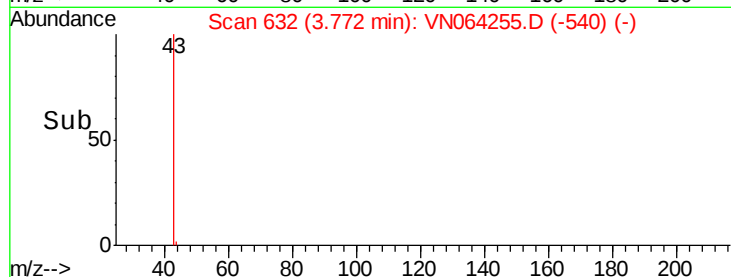


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#18

Methyl Acetate

Concen: 0.246 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN064255.D

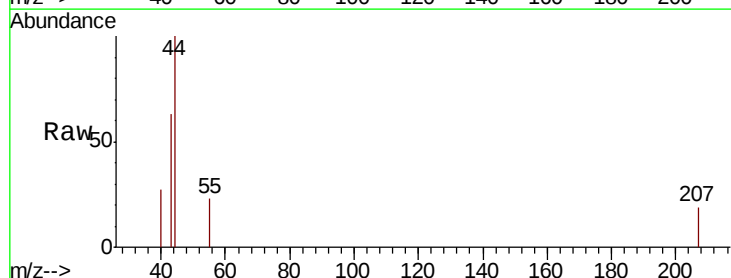
Acq: 22 Oct 2020 17:20

Tgt Ion: 43 Resp: 607

Ion Ratio Lower Upper

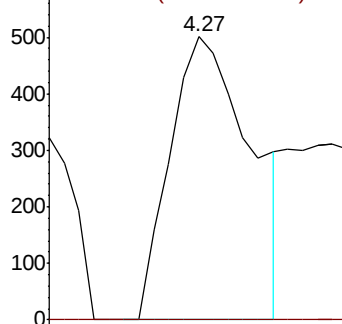
43 100

74 0.0 17.9 26.9#

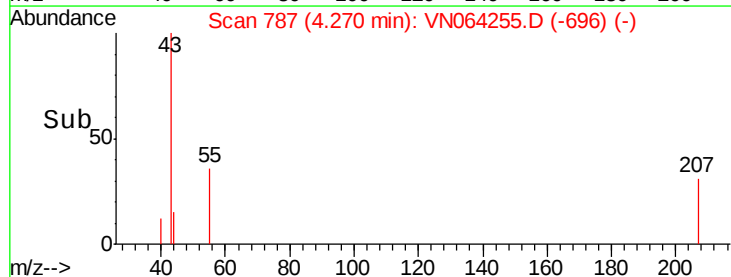


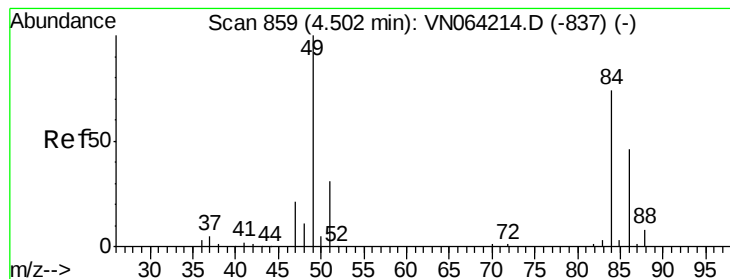
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->





#20

Methylene Chloride

Concen: 0.204 ug/l

RT: 4.51 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampled :

BFB

Tot Ion: 84 Resp: 526

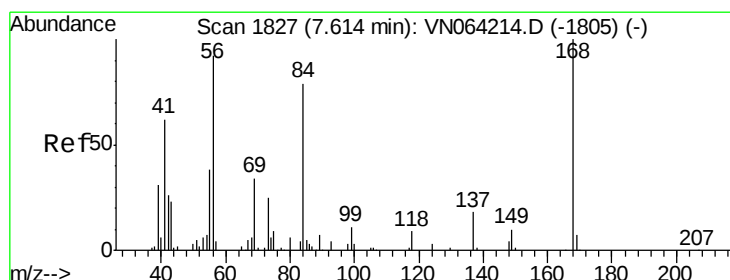
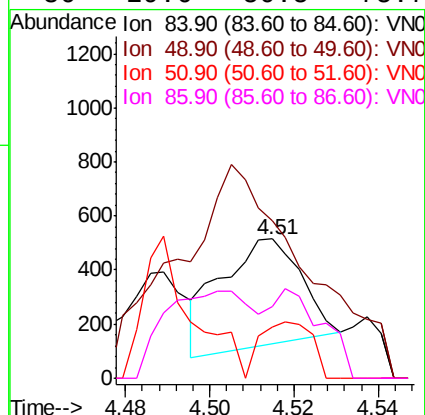
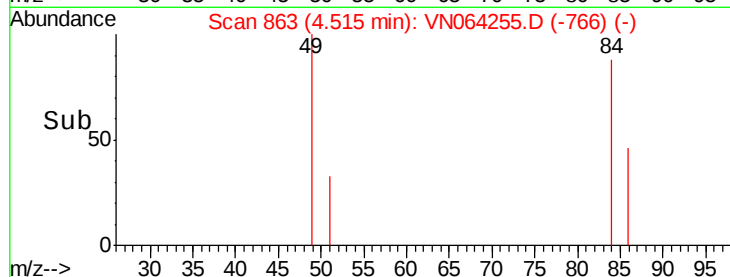
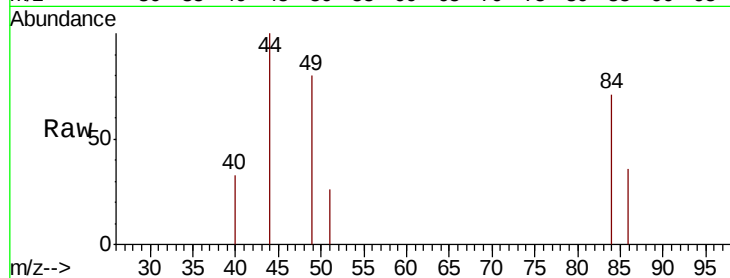
Ion Ratio Lower Upper

84 100

49 79.4 108.5 162.7#

51 55.4 33.8 50.8#

86 29.6 50.5 75.7#



#31

Cyclohexane

Concen: 1.417 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

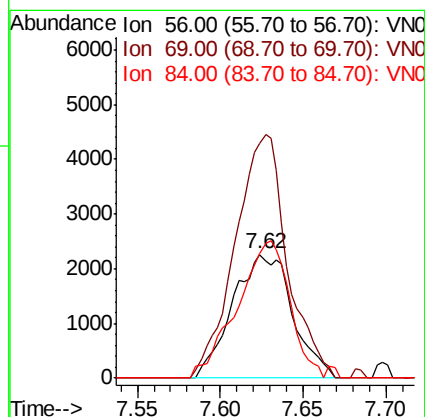
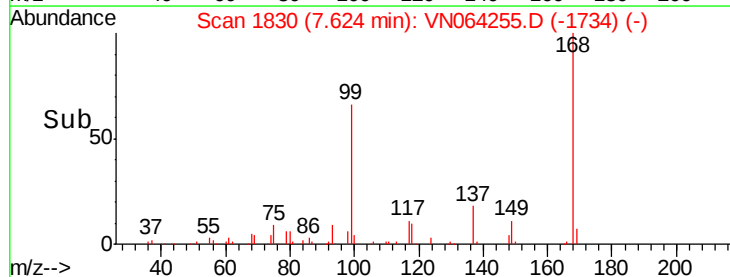
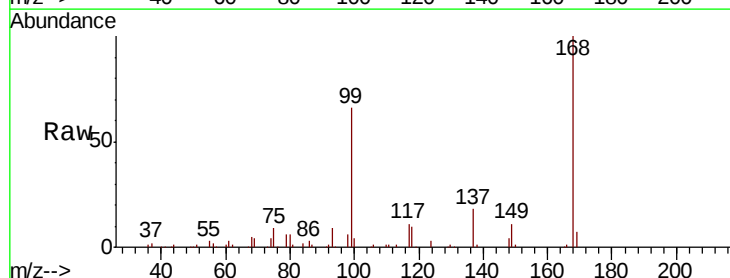
Tgt Ion: 56 Resp: 5690

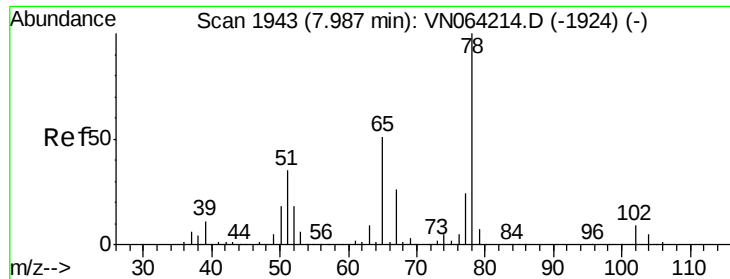
Ion Ratio Lower Upper

56 100

69 190.4 29.8 44.6#

84 101.1 68.1 102.1





#33

1,2-Dichloroethane-d4

Concen: 52.497 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

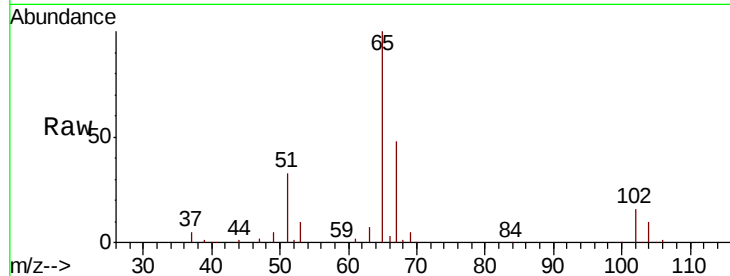
BFB

Tot Ion: 65 Resp: 177832

Ion Ratio Lower Upper

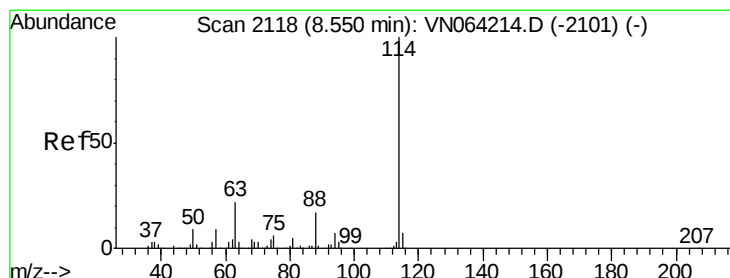
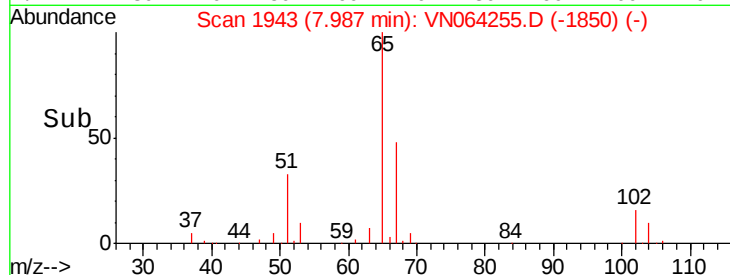
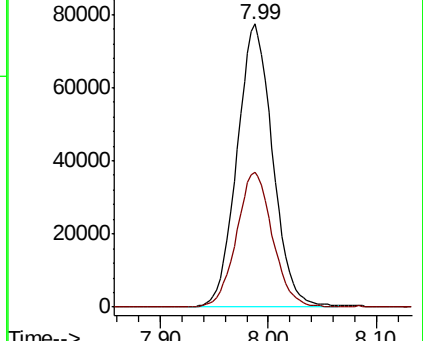
65 100

67 48.1 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN064214.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN064214.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

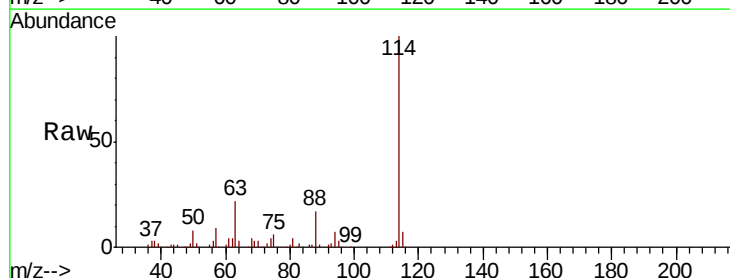
Tgt Ion: 114 Resp: 399649

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

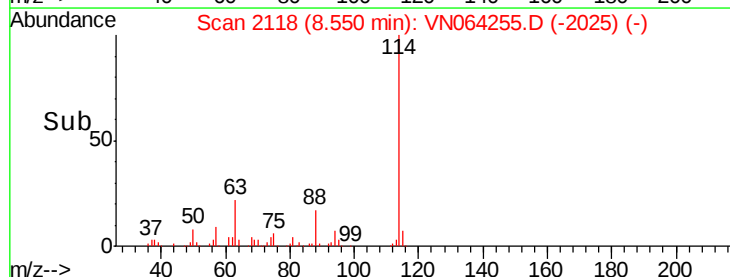
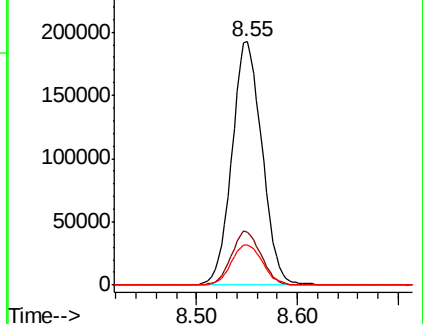
88 16.5 0.0 34.2

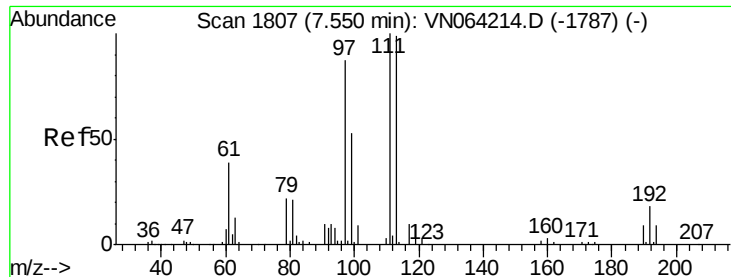


Abundance Ion 113.90 (113.60 to 114.60): VN064214.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN064214.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN064214.D (-2101) (-)





#35

Dibromofluoromethane

Concen: 49.263 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

BFB

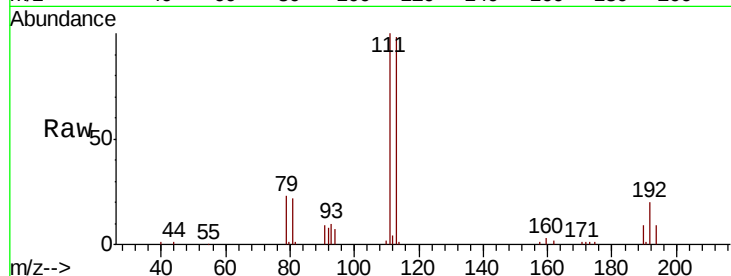
Tot Ion:113 Resp: 130896

Ion Ratio Lower Upper

113 100

111 101.2 84.2 126.2

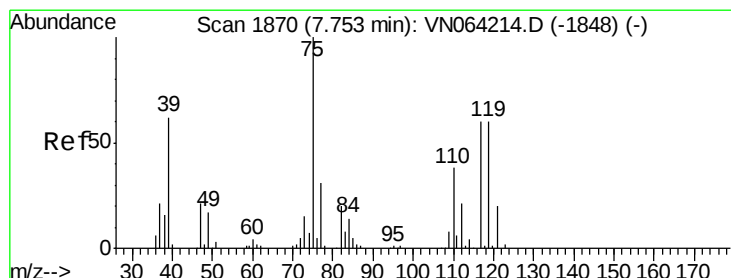
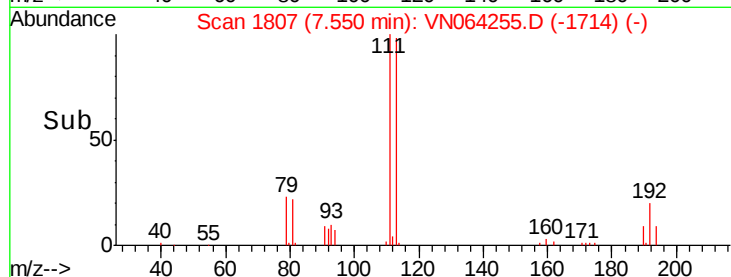
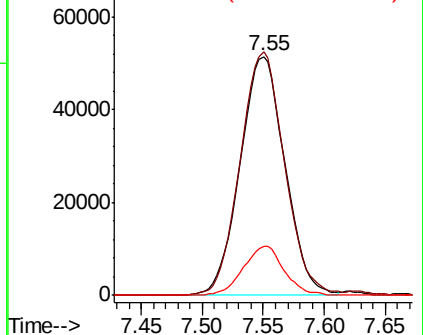
192 18.7 15.2 22.8



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: 4.967 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

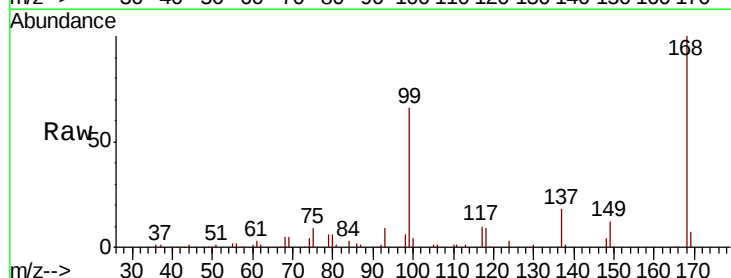
Tgt Ion: 75 Resp: 19788

Ion Ratio Lower Upper

75 100

110 6.4 17.2 51.6#

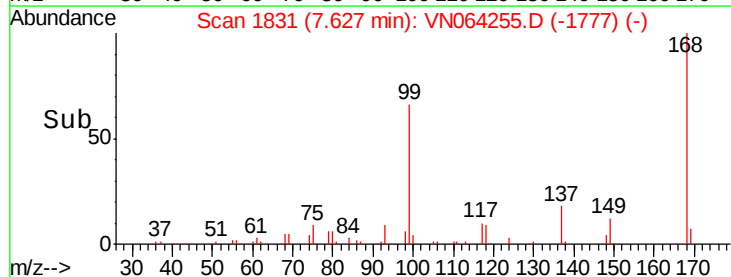
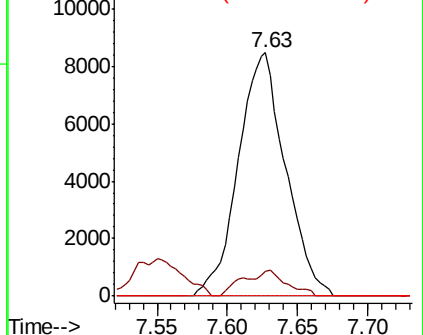
77 0.0 24.9 37.3#

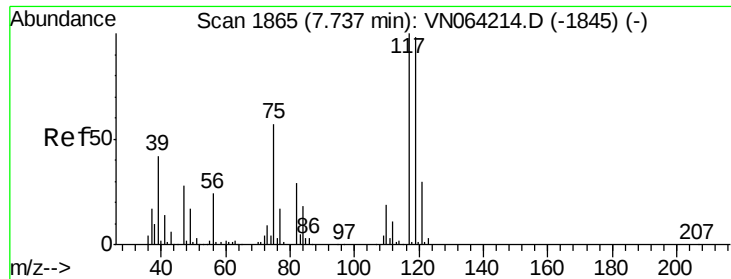


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

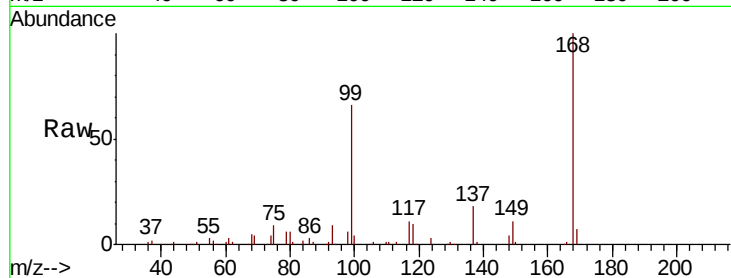




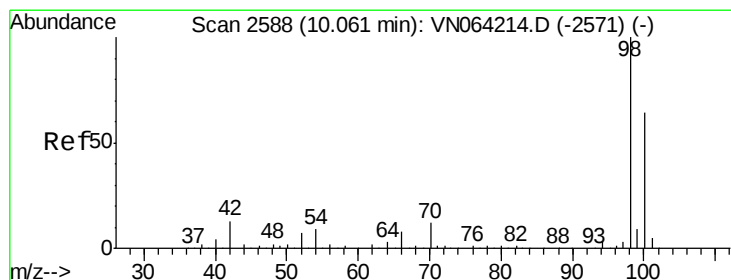
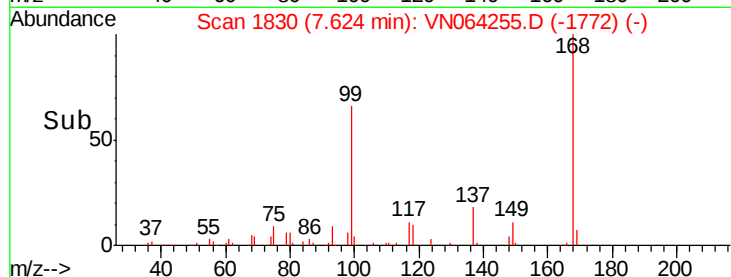
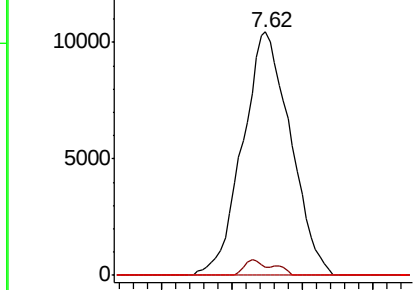
#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064255.D
Acq: 22 Oct 2020 17:20

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:117 Resp: 24789
Ion Ratio Lower Upper
117 100
119 3.5 78.5 117.7#
121 0.0 24.3 36.5#

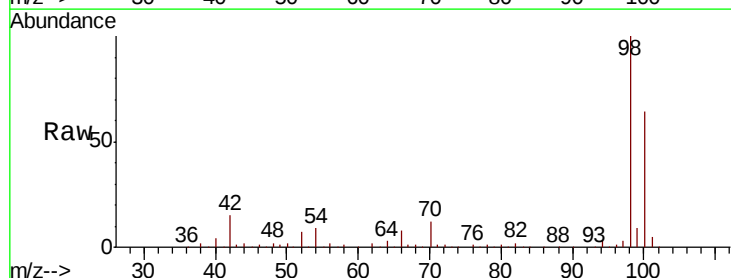


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

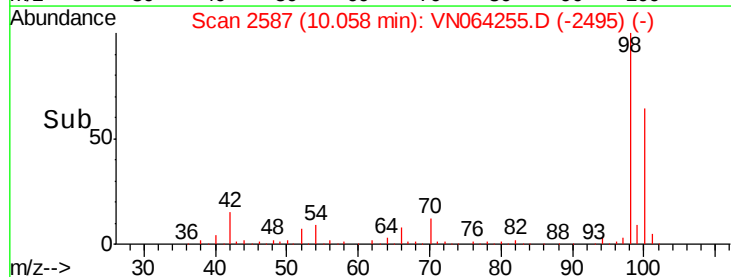
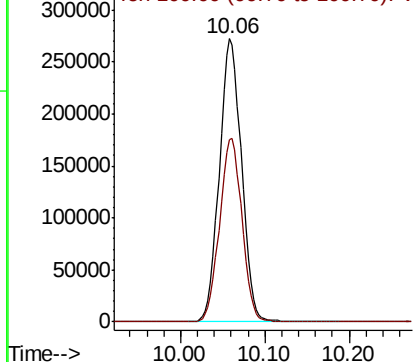


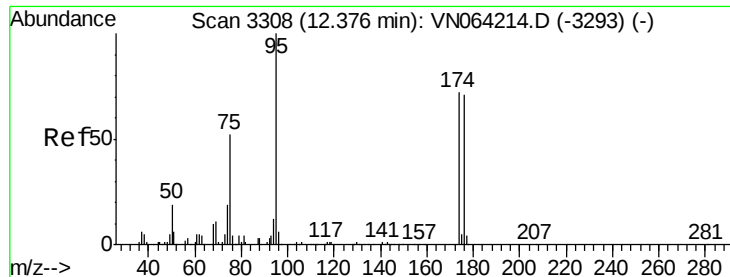
#50
Toluene-d8
Concen: 51.520 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064255.D
Acq: 22 Oct 2020 17:20

Tgt Ion: 98 Resp: 496579
Ion Ratio Lower Upper
98 100
100 65.3 50.8 76.2



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





#62

4-Bromofluorobenzene

Concen: 54.446 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

BFB

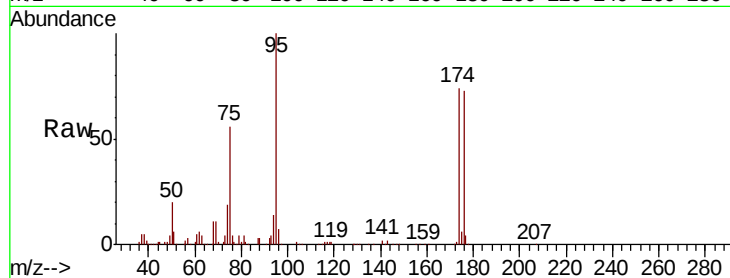
Tot Ion: 95 Resp: 212740

Ion Ratio Lower Upper

95 100

174 74.1 0.0 144.4

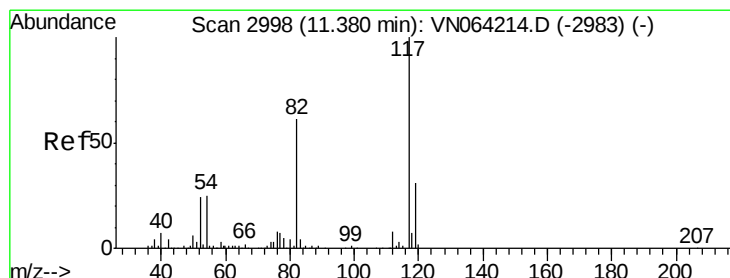
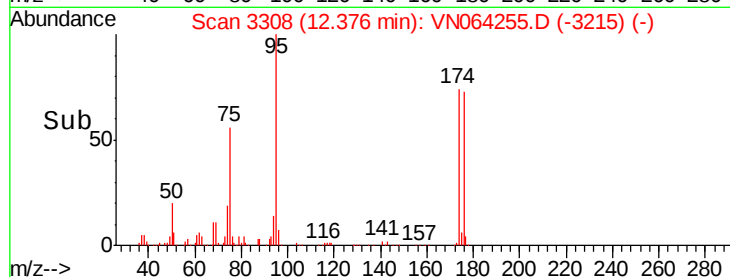
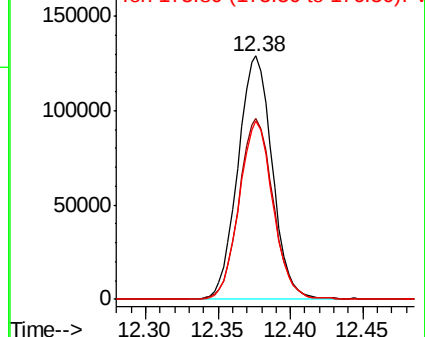
176 72.3 0.0 139.2



Abundance Ion 94.90 (94.60 to 95.60): VN064214.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064214.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064214.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

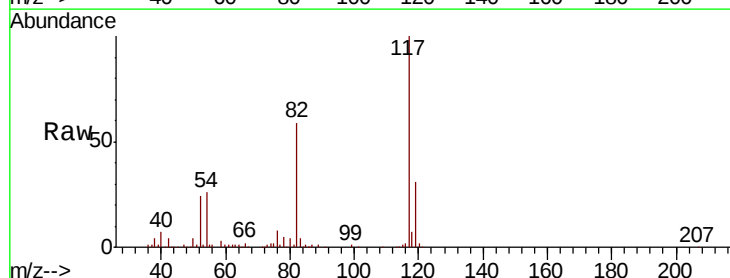
Tgt Ion: 117 Resp: 391474

Ion Ratio Lower Upper

117 100

82 59.1 48.8 73.2

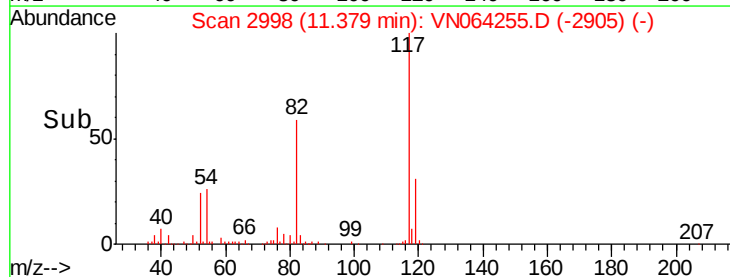
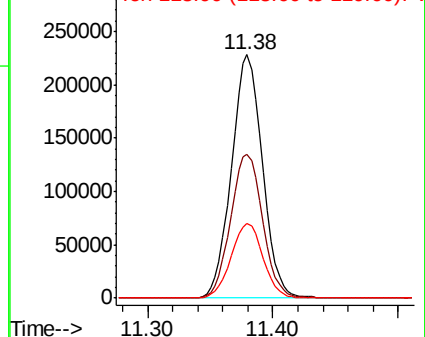
119 30.7 24.7 37.1

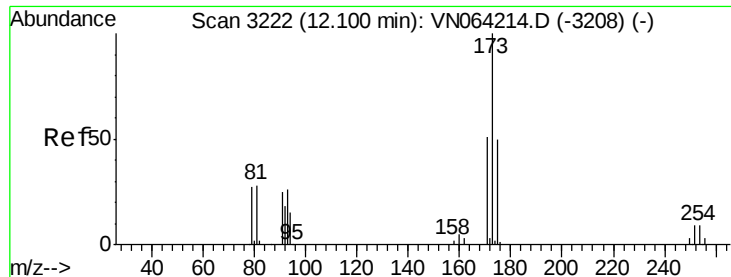


Abundance Ion 116.90 (116.60 to 117.60): VN064214.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064214.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064214.D (-2983) (-)





#71

Bromoform

Concen: 0.305 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.27 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampled :

BFB

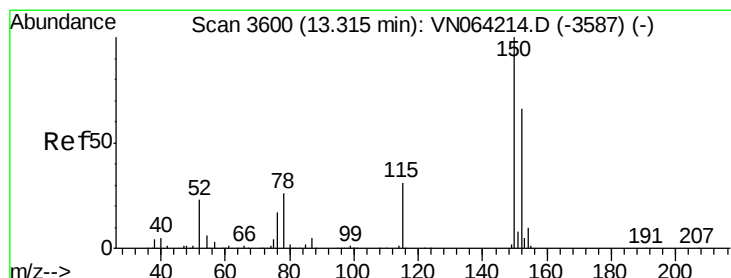
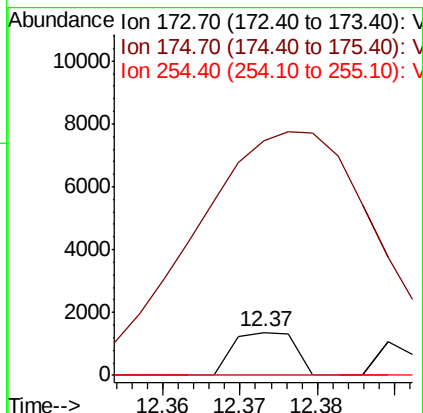
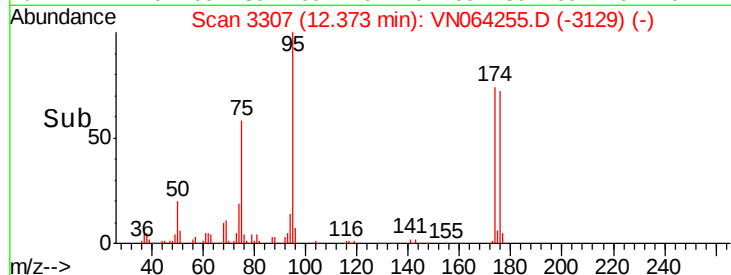
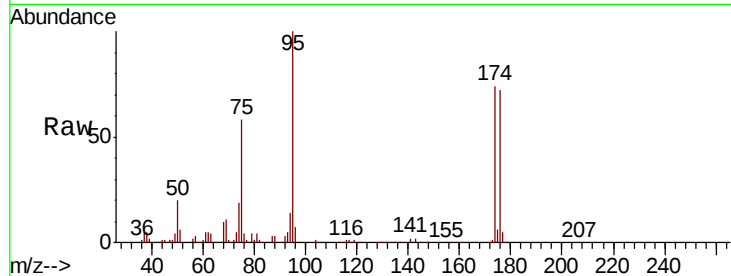
Tot Ion:173 Resp: 759

Ion Ratio Lower Upper

173 100

175 1491.0 25.1 75.3#

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: VN064255.D

Acq: 22 Oct 2020 17:20

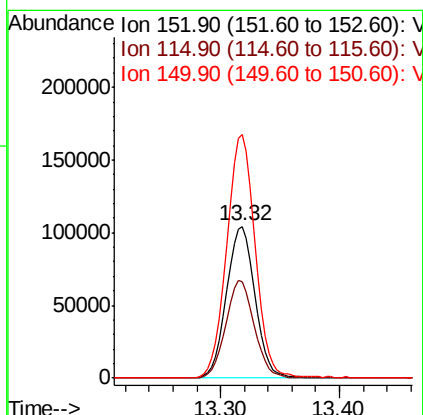
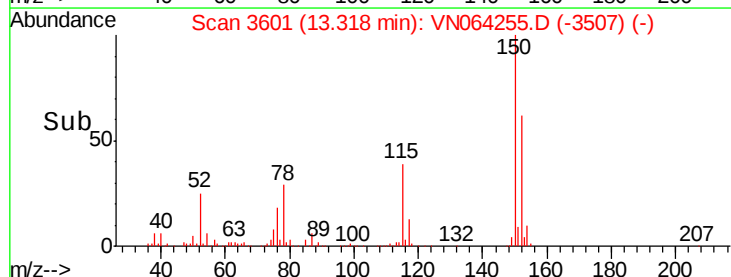
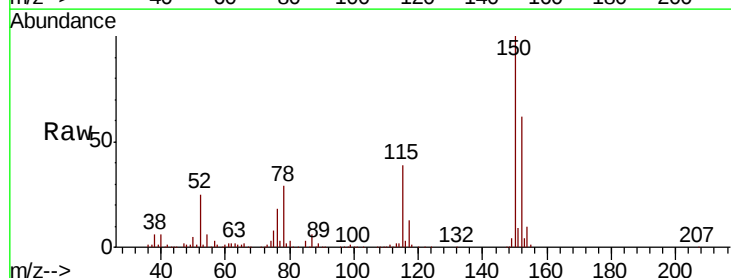
Tgt Ion:152 Resp: 173923

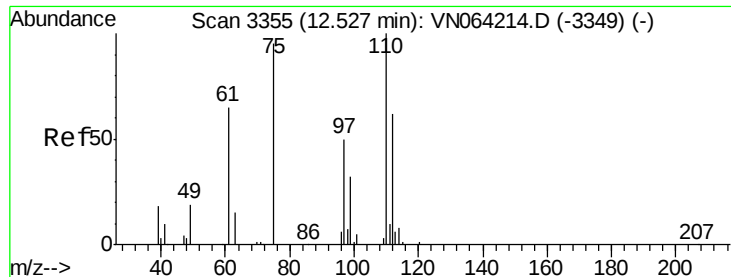
Ion Ratio Lower Upper

152 100

115 63.9 32.0 96.2

150 159.7 0.0 356.6





#76

1,2,3-Trichloropropane

Concen: 32.984 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampled :

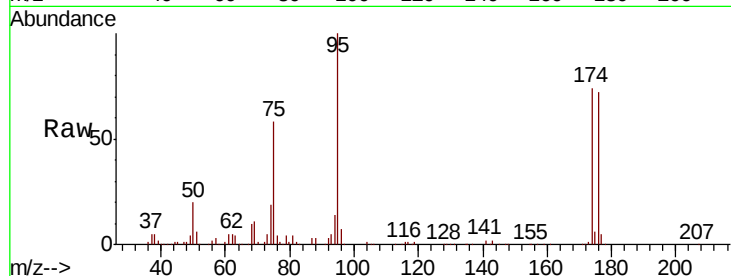
BFB

Tot Ion: 75 Resp: 120940

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.37

80000

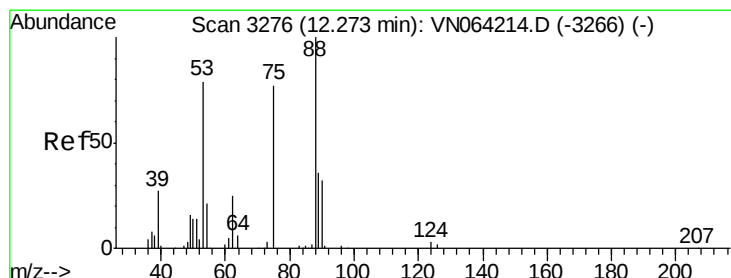
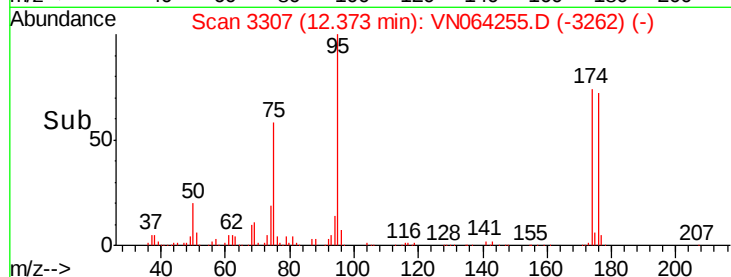
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 83.276 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

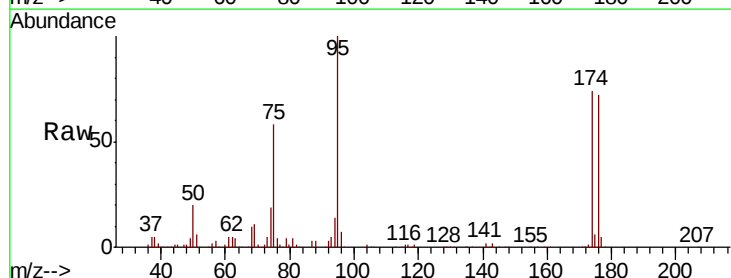
Tgt Ion: 75 Resp: 120940

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.4#

89 0.0 38.7 58.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

100000

80000

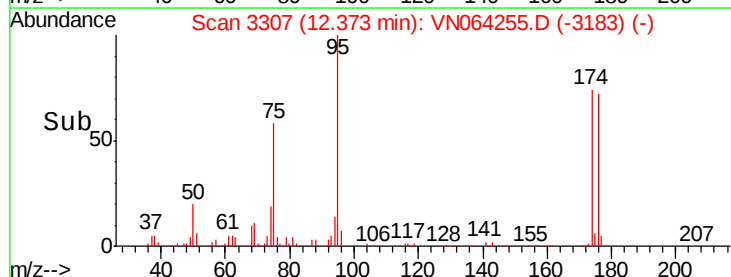
60000

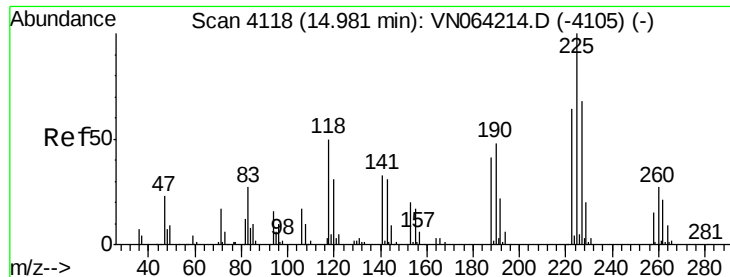
40000

20000

0

Time-->





#94

Hexachlorobutadiene

Concen: 0.279 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampled :

BFB

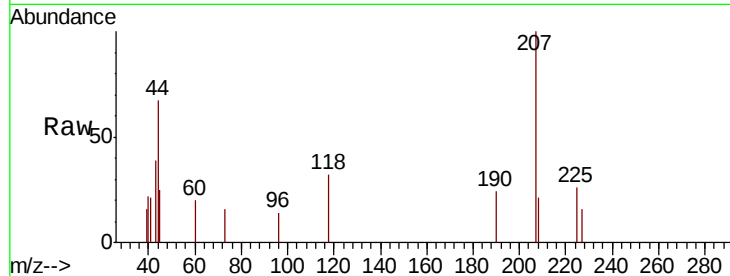
Tot Ion:225 Resp: 461

Ion Ratio Lower Upper

225 100

223 0.0 31.5 94.5#

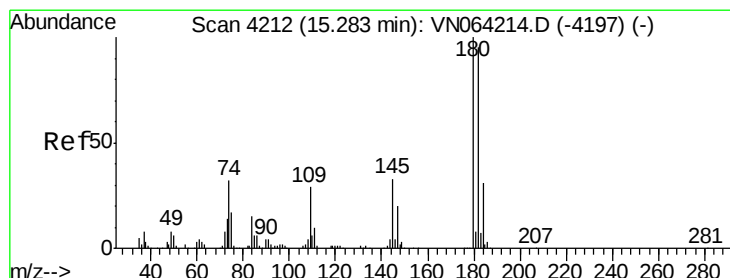
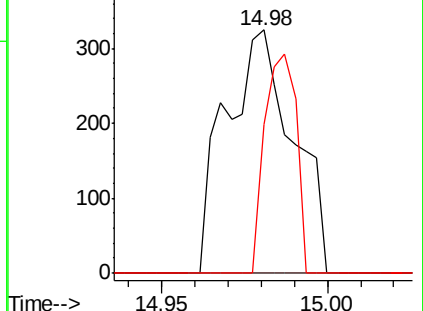
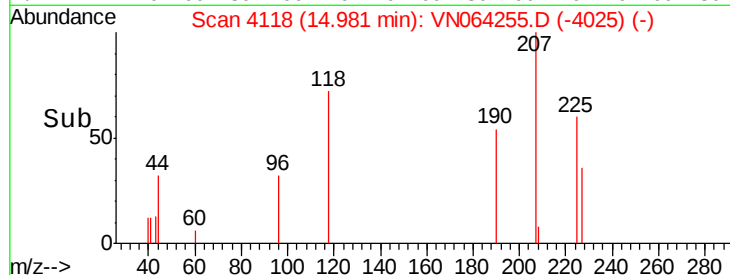
227 41.9 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: 0.226 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064255.D

Acq: 22 Oct 2020 17:20

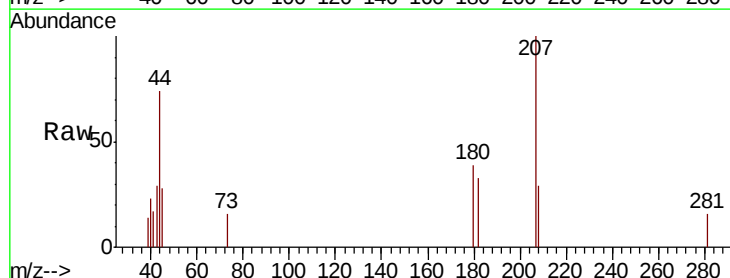
Tgt Ion:180 Resp: 687

Ion Ratio Lower Upper

180 100

182 70.2 48.0 144.2

145 0.0 17.1 51.3#



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

