

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062762.D
 Acq On : 6 Aug 2020 13:13
 Operator : JC/MD
 Sample : VN0806MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806MBL01

Quant Time: Aug 07 03:04:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	128744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	223794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	210135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	72495	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	105452	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	7.55	113	77221	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
50) Toluene-d8	10.06	98	284802	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.38	95	97159	43.02	ug/l	0.00
Spiked Amount			Recovery	=	86.04%	

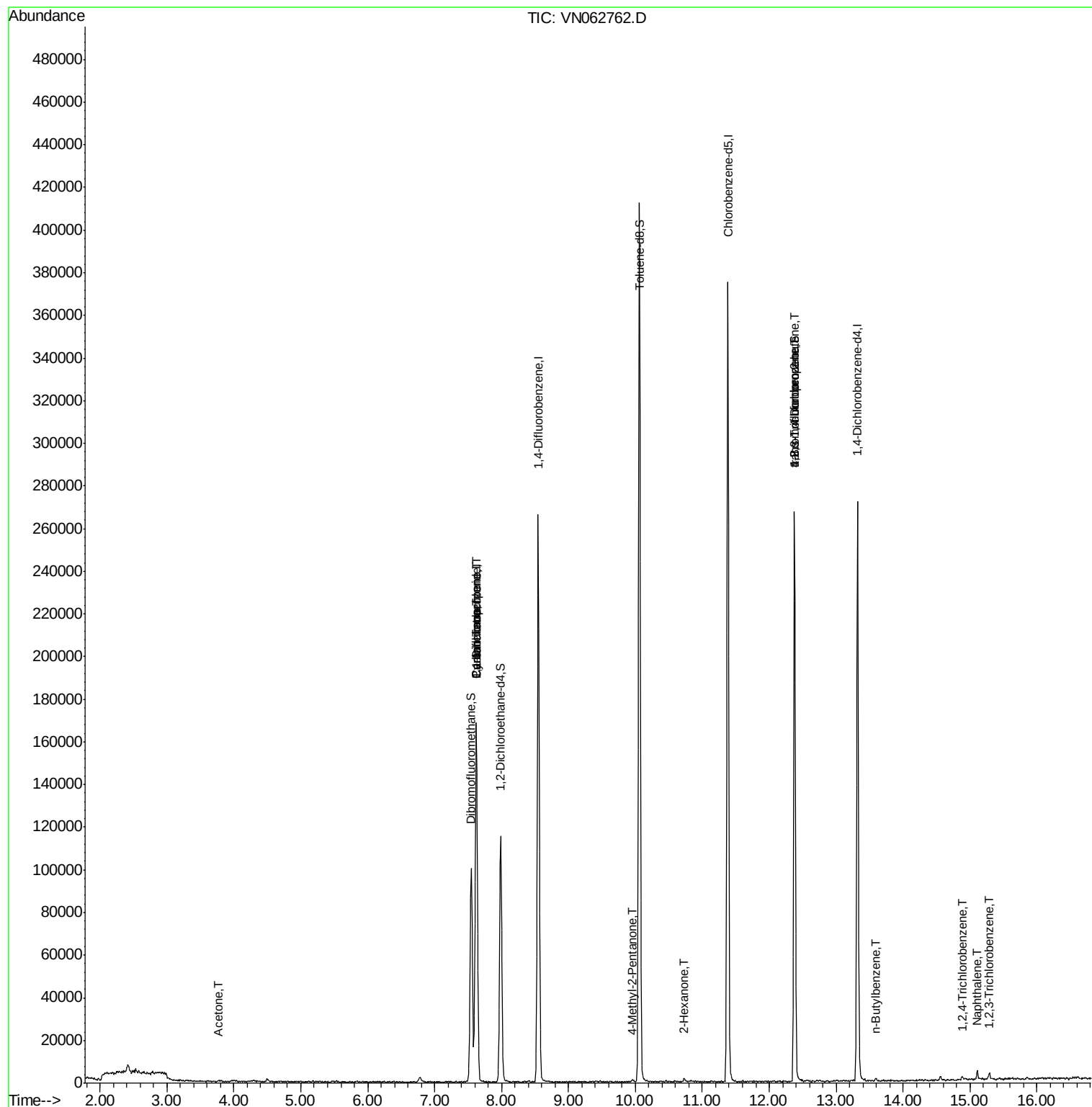
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.76	43	232	0.302	ug/l #	45
17) Carbon Disulfide	4.00	76	1045	Below Cal	#	74
18) Methyl Acetate	4.29	43	252	Below Cal	#	52
20) Methylene Chloride	4.50	84	808	Below Cal	#	86
31) Cyclohexane	7.62	56	3114	1.206	ug/l #	18
36) 1,1-Dichloropropene	7.62	75	10938	5.019	ug/l #	54
38) Carbon Tetrachloride	7.62	117	13970	5.421	ug/l #	15
51) 4-Methyl-2-Pentanone	9.95	43	1079	0.439	ug/l #	65
59) 2-Hexanone	10.73	43	1527	0.833	ug/l #	44
76) 1,2,3-Trichloropropane	12.38	75	53563	27.396	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53563	83.634	ug/l #	10
89) n-Butylbenzene	13.59	91	1009	0.255	ug/l #	65
93) 1,2,4-Trichlorobenzene	14.89	180	862	3.982	ug/l #	85
94) Hexachlorobutadiene	14.98	225	151	Below Cal	#	32
95) Naphthalene	15.11	128	4011	4.822	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.28	180	713	3.301	ug/l	61

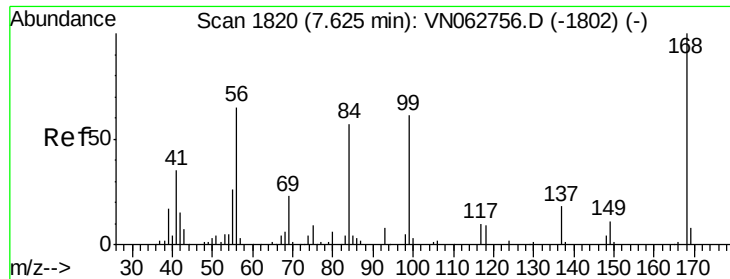
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080620\
Data File : VN062762.D
Acq On : 6 Aug 2020 13:13
Operator : JC/MD
Sample : VN0806MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0806MBL01

Quant Time: Aug 07 03:04:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

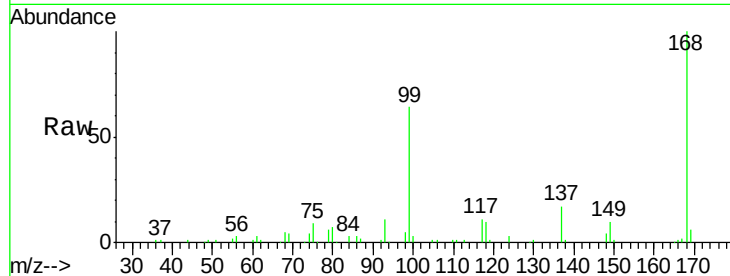
VN0806MBL01

Tot Ion:168 Resp: 128744

Ion Ratio Lower Upper

168 100

99 63.5 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

50000

40000

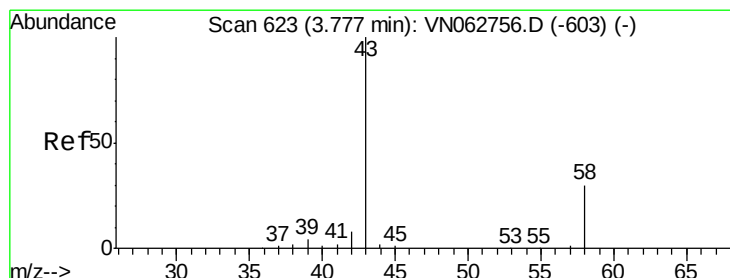
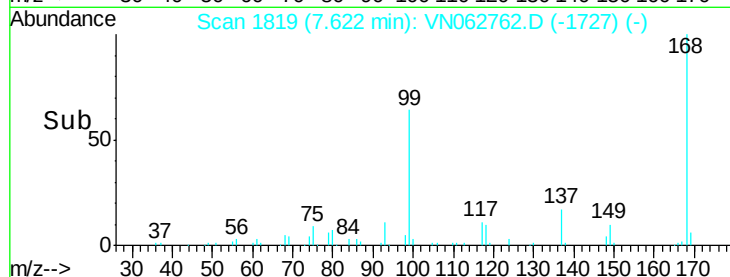
30000

20000

10000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 0.302 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.02 min

Lab File: VN062762.D

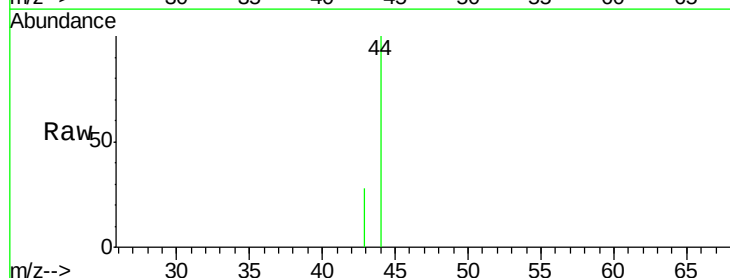
Acq: 6 Aug 2020 13:13

Tgt Ion: 43 Resp: 232

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.76

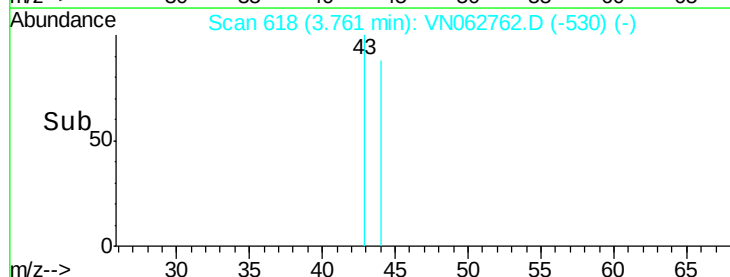
300

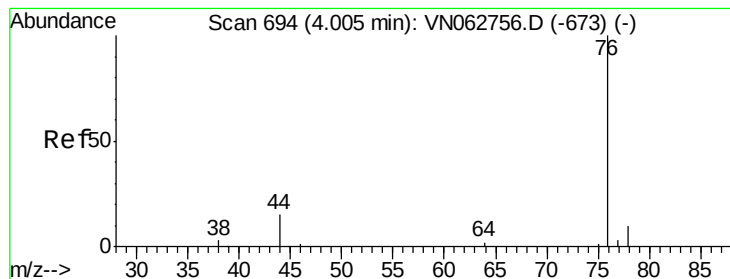
200

100

0

Time--> 3.74 3.75 3.76 3.77





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

Instrument :

MSVOA_N

ClientSampled :

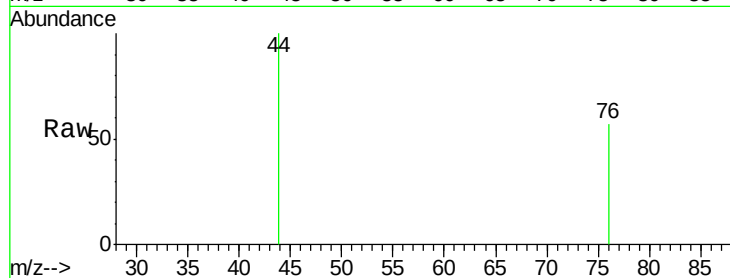
VN0806MBL01

Tot Ion: 76 Resp: 1045

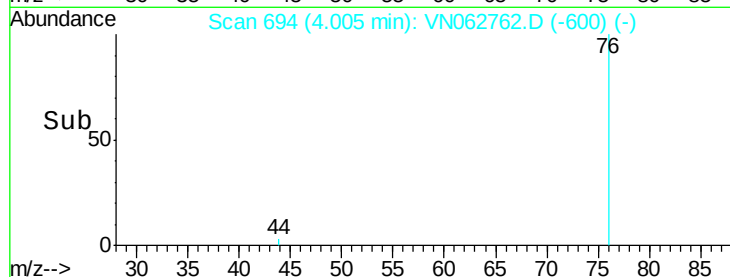
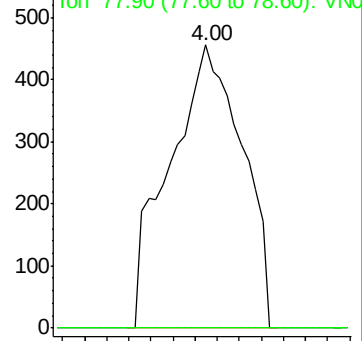
Ion Ratio Lower Upper

76 100

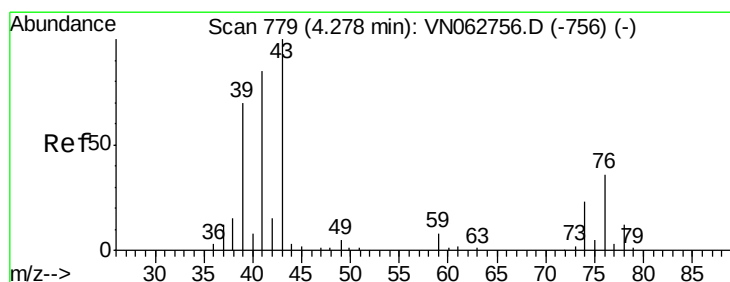
78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0



Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062762.D

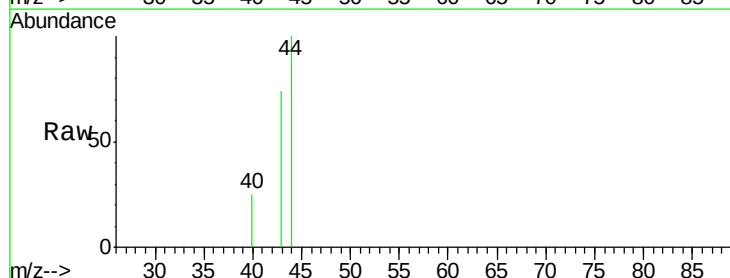
Acq: 6 Aug 2020 13:13

Tgt Ion: 43 Resp: 252

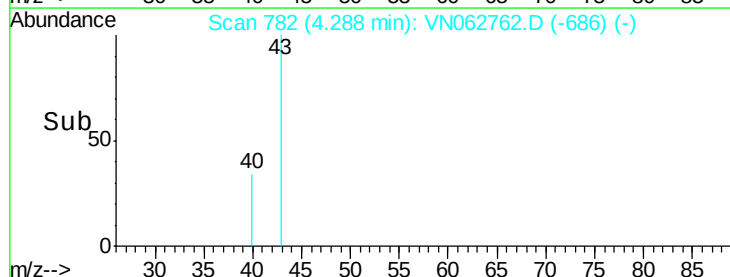
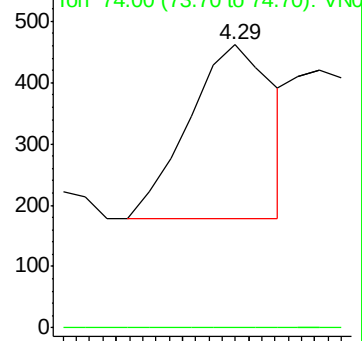
Ion Ratio Lower Upper

43 100

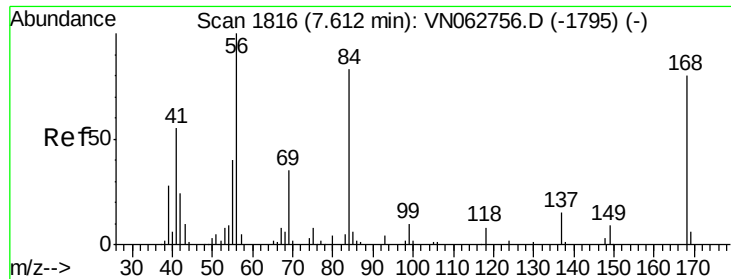
74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0



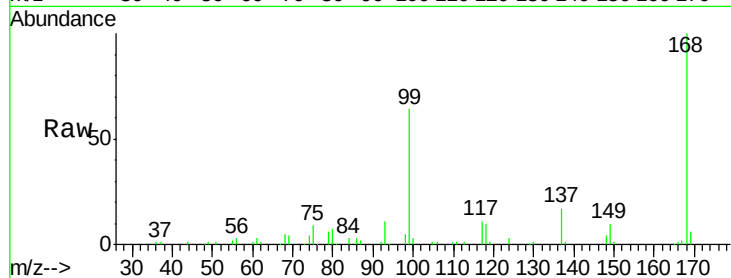
Time-->



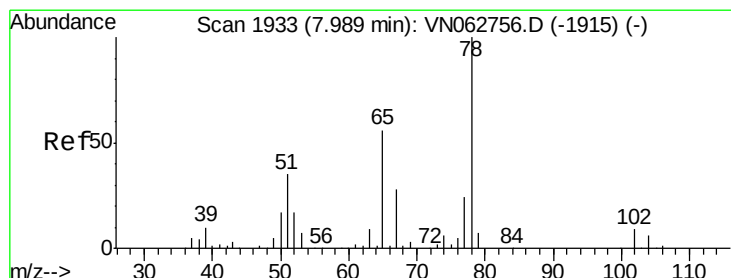
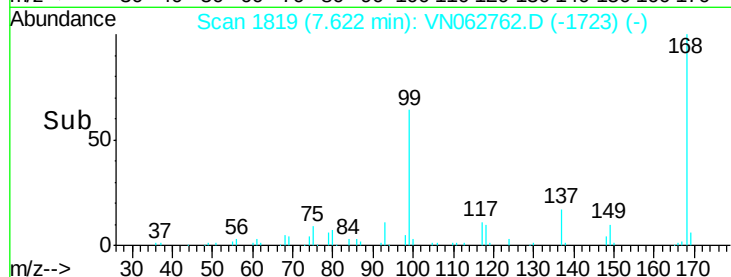
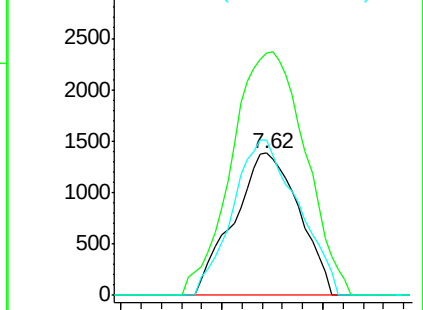
#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062762.D
Acq: 6 Aug 2020 13:13

Instrument :
MSVOA_N
ClientSampled :
VN0806MBL01

Tot Ion: 56 Resp: 3114
Ion Ratio Lower Upper
56 100
69 157.6 28.1 42.1#
84 109.1 66.8 100.2#

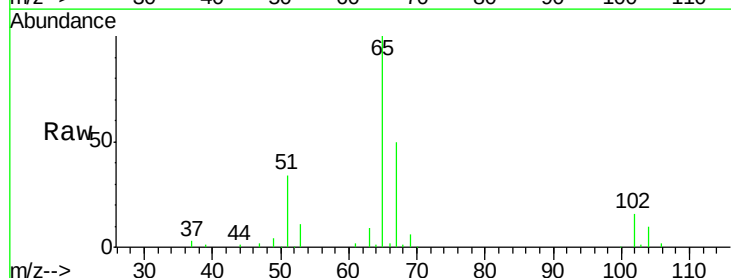


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

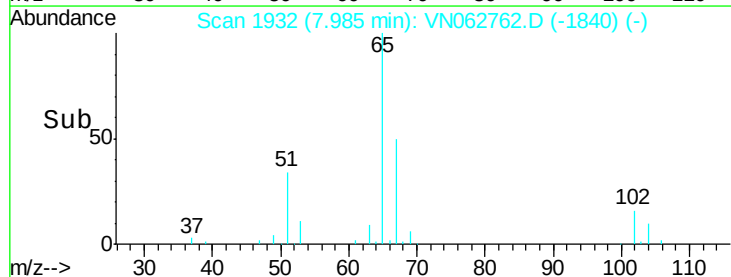
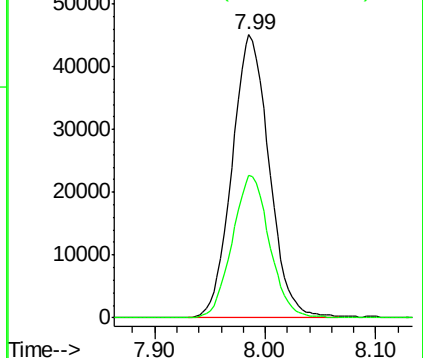


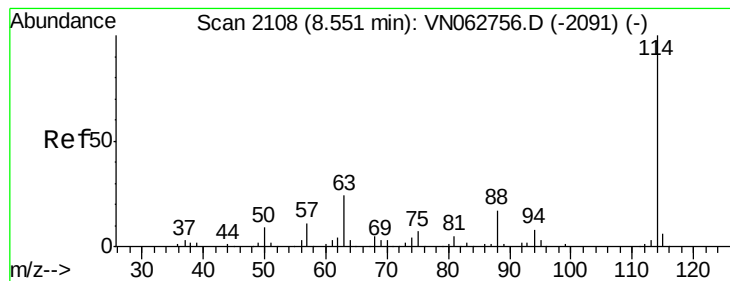
#33
1,2-Dichloroethane-d4
Concen: 49.531 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062762.D
Acq: 6 Aug 2020 13:13

Tgt Ion: 65 Resp: 105452
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0806MBL01

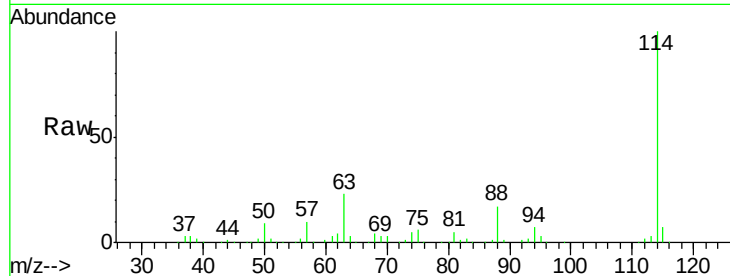
Tot Ion:114 Resp: 223794

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

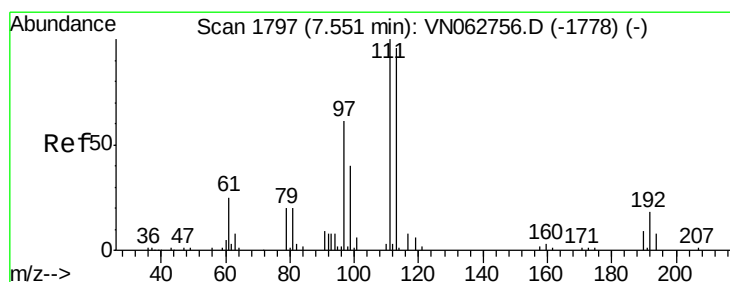
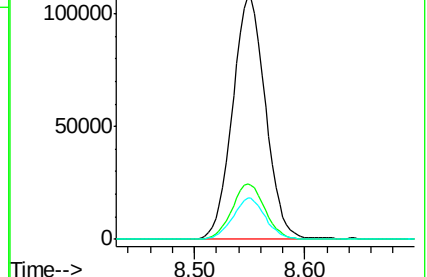
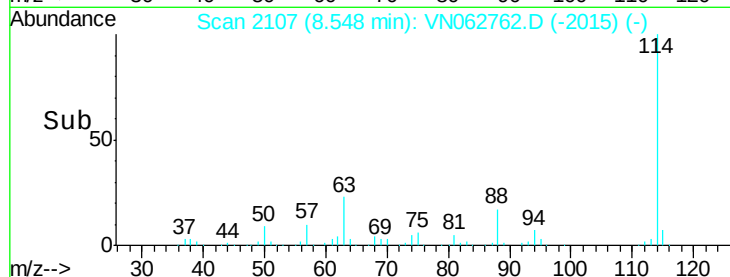
88 17.0 0.0 34.4



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: 50.442 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

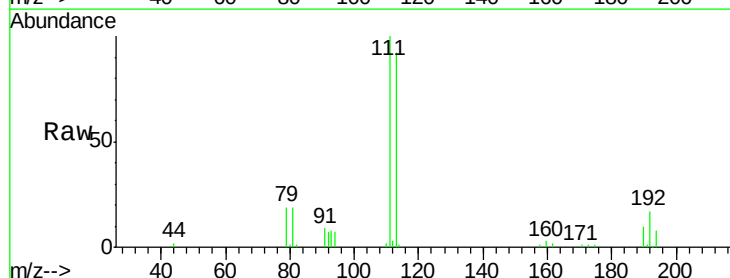
Tgt Ion:113 Resp: 77221

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

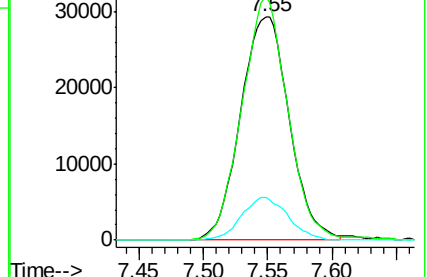
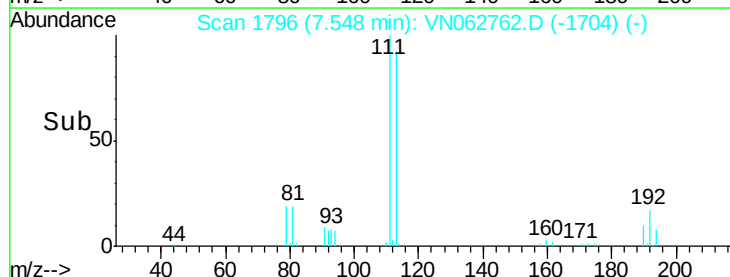
192 18.1 15.0 22.4

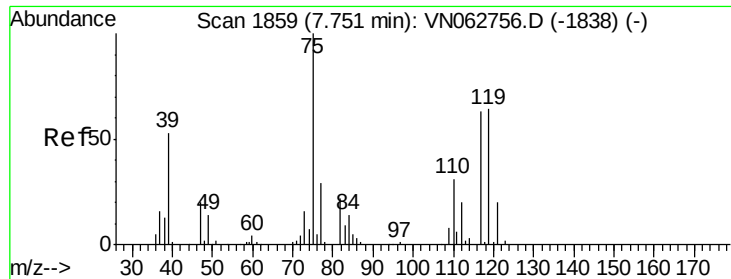


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

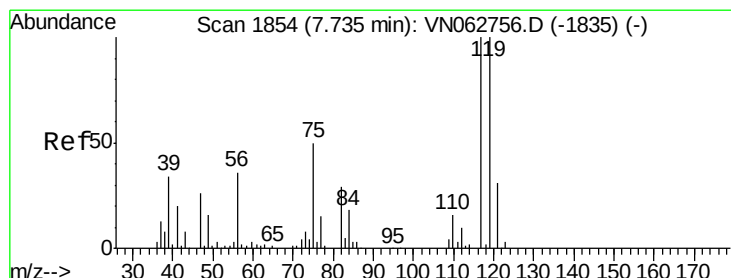
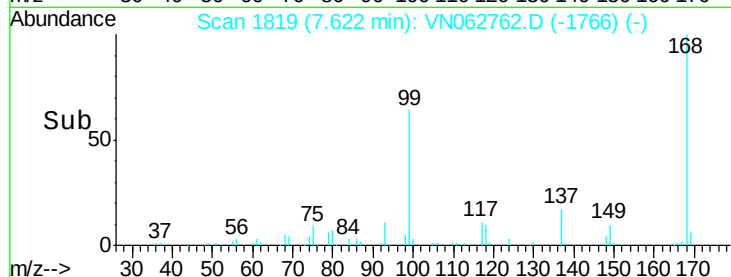
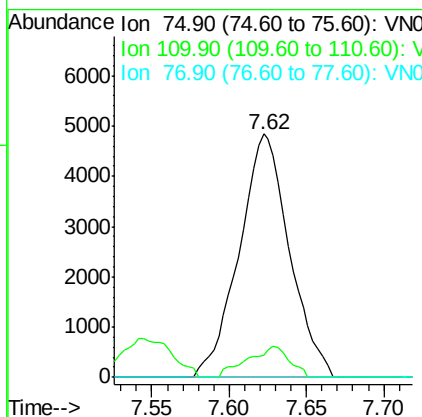
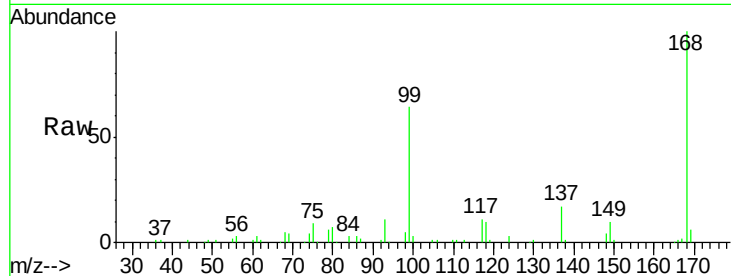




#36
 1,1-Dichloropropene
 Concen: 5.019 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062762.D
 Acq: 6 Aug 2020 13:13

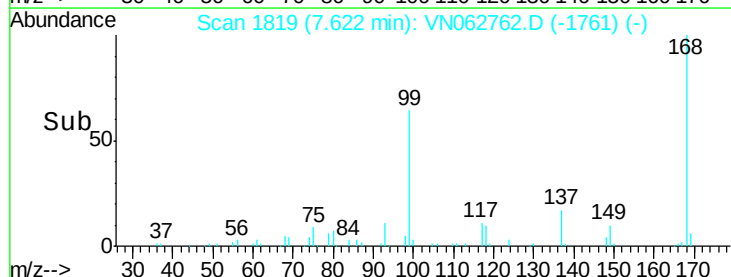
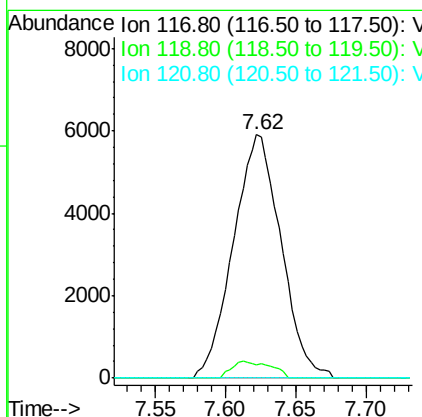
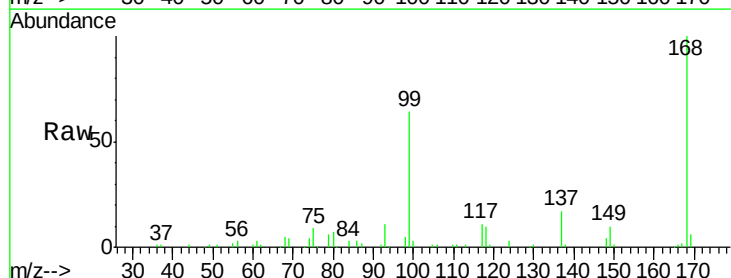
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806MBL01

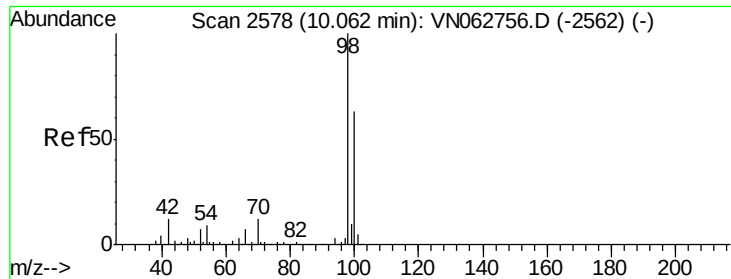
Tot Ion: 75 Resp: 10938
 Ion Ratio Lower Upper
 75 100
 110 10.6 15.6 46.7#
 77 0.0 24.1 36.1#



#38
 Carbon Tetrachloride
 Concen: 5.421 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062762.D
 Acq: 6 Aug 2020 13:13

Tgt Ion: 117 Resp: 13970
 Ion Ratio Lower Upper
 117 100
 119 5.7 79.4 119.2#
 121 0.0 24.9 37.3#

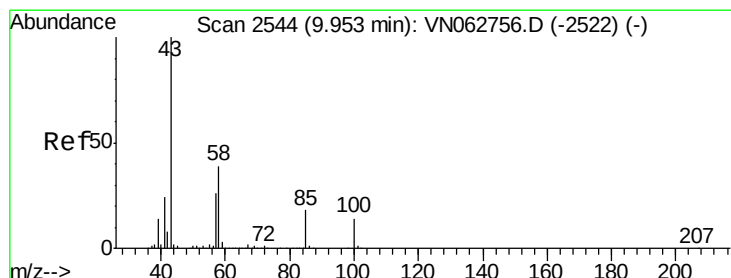
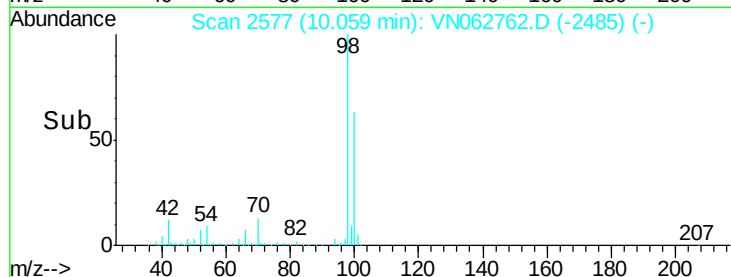
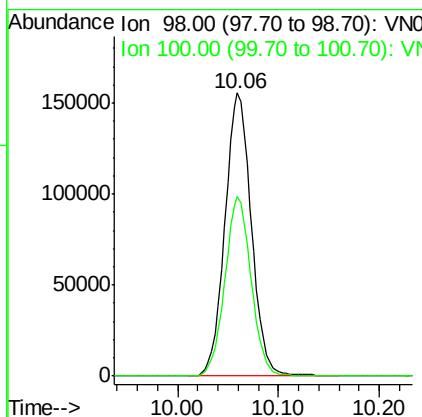
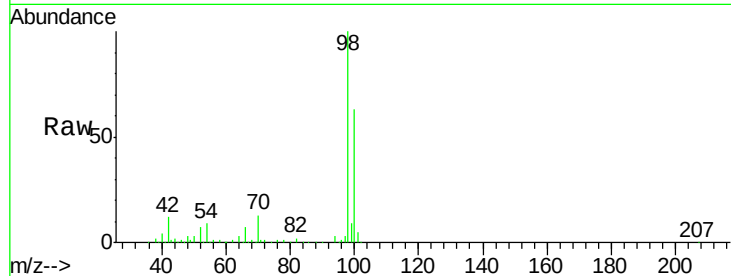




#50
Toluene-d8
Concen: 47.652 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062762.D
Acq: 6 Aug 2020 13:13

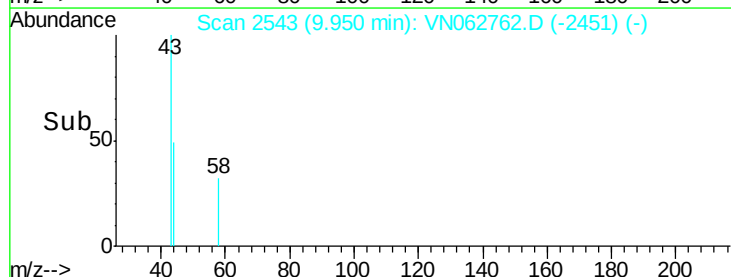
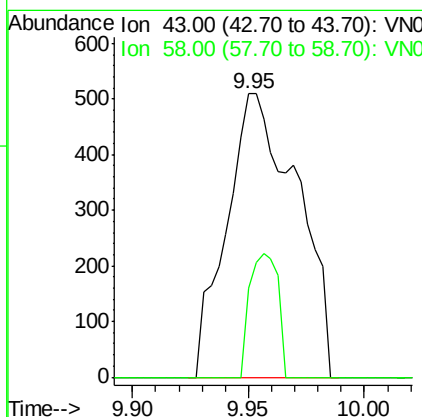
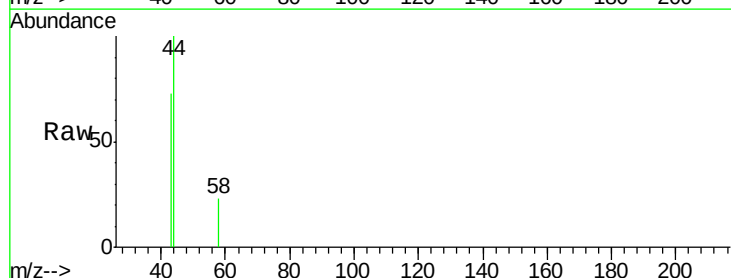
Instrument :
MSVOA_N
ClientSampleId :
VN0806MBL01

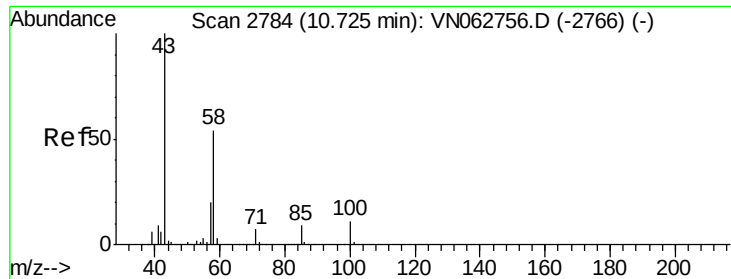
Tot Ion: 98 Resp: 284802
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.439 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062762.D
Acq: 6 Aug 2020 13:13

Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
58 17.6 31.1 46.7#

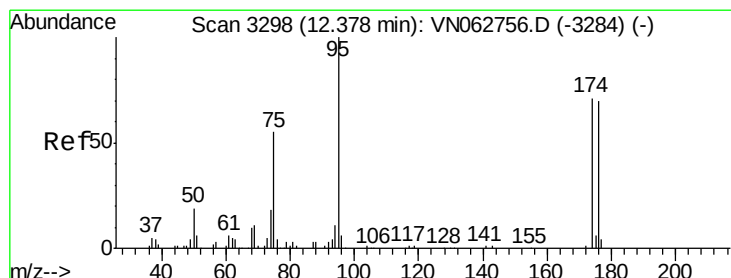
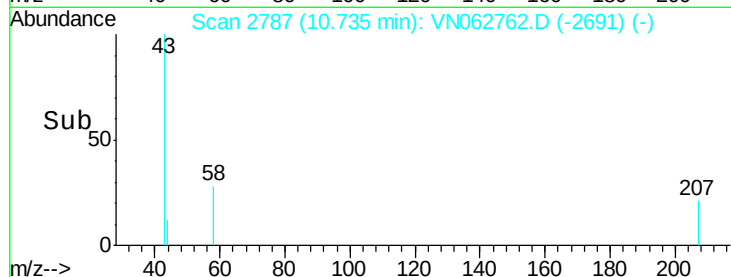
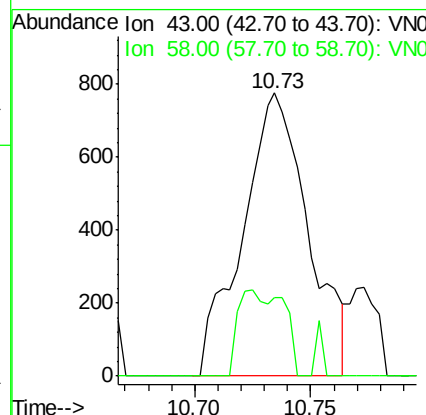
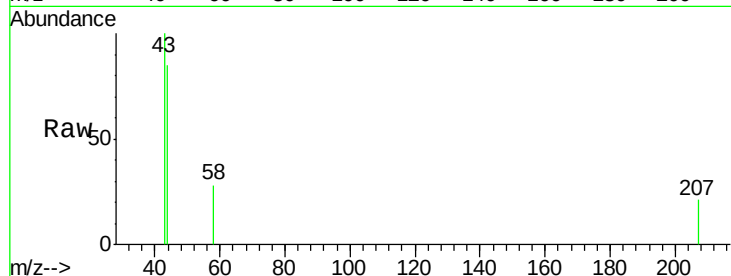




#59
2-Hexanone
Concen: 0.833 ug/l
RT: 10.73 min Scan# 2787
Delta R.T. 0.01 min
Lab File: VN062762.D
Acq: 6 Aug 2020 13:13

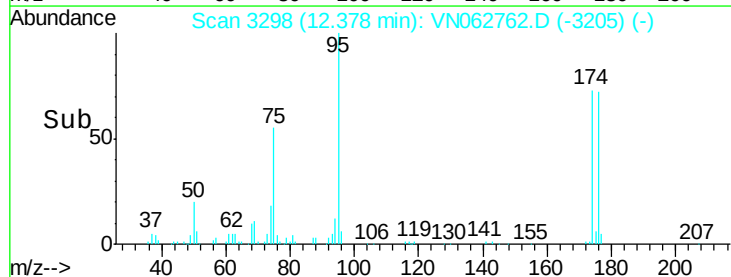
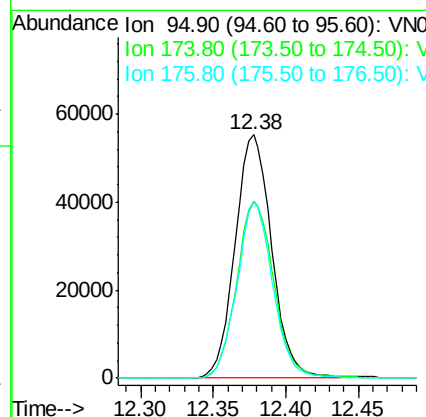
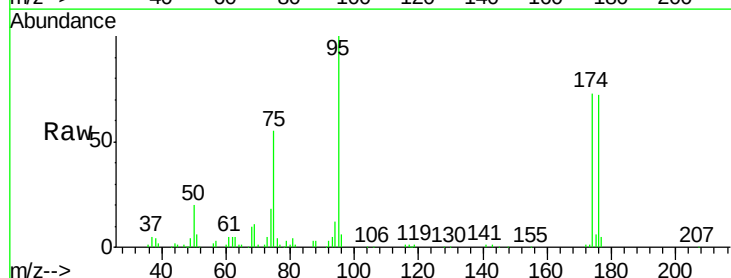
Instrument :
MSVOA_N
ClientSampled :
VN0806MBL01

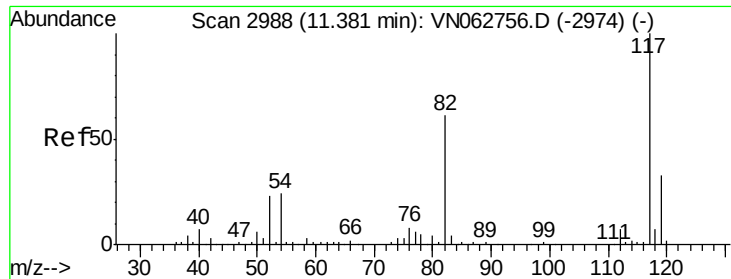
Tot Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
58 13.3 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 43.018 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062762.D
Acq: 6 Aug 2020 13:13

Tgt Ion: 95 Resp: 97159
Ion Ratio Lower Upper
95 100
174 74.2 0.0 144.8
176 70.9 0.0 142.2

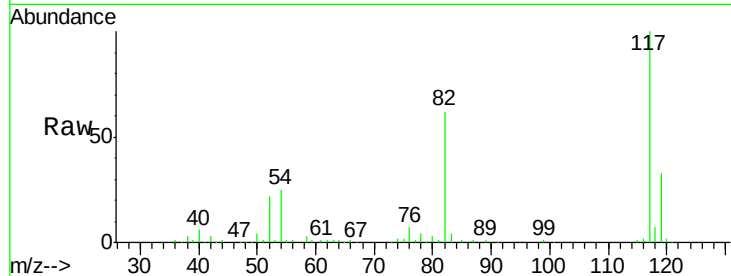




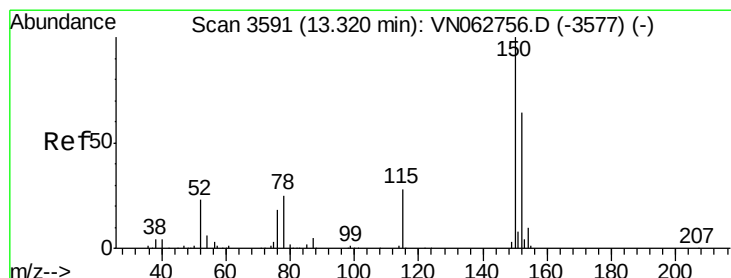
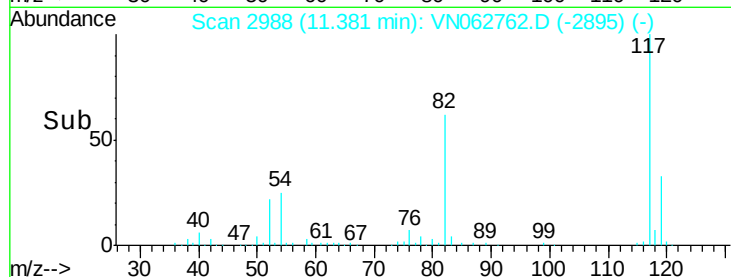
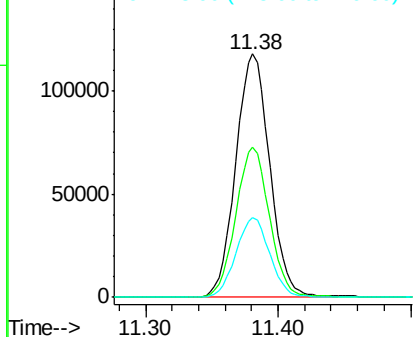
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062762.D
Acq: 6 Aug 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :
VN0806MBL01

Tot Ion:117 Resp: 210135
Ion Ratio Lower Upper
117 100
82 61.6 49.0 73.4
119 33.0 26.2 39.2

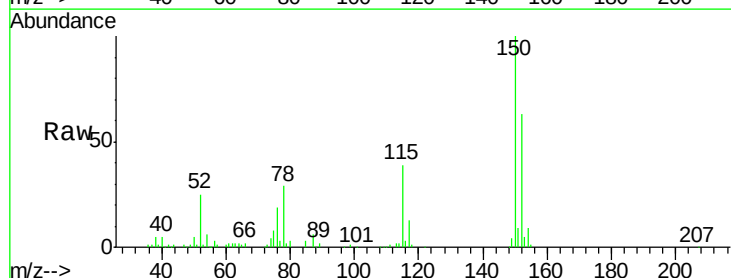


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

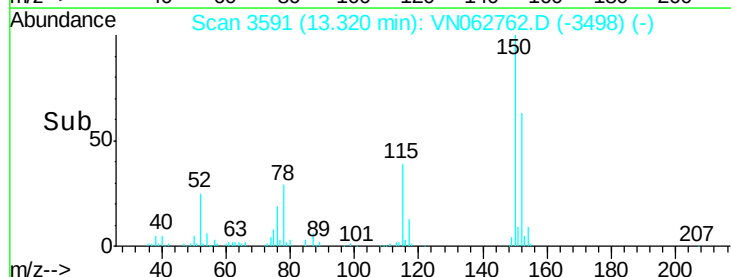
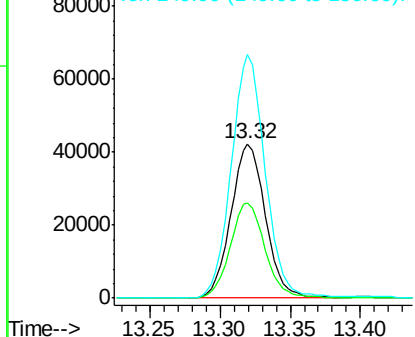


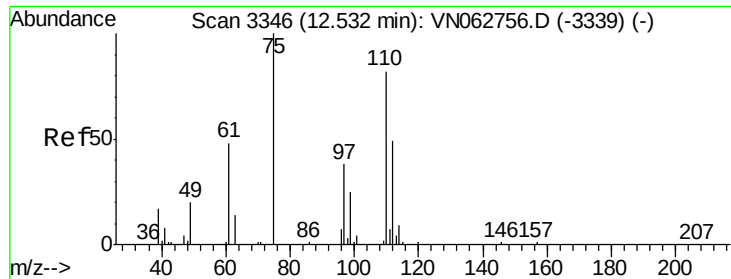
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062762.D
Acq: 6 Aug 2020 13:13

Tgt Ion:152 Resp: 72495
Ion Ratio Lower Upper
152 100
115 62.2 31.6 94.8
150 155.7 0.0 349.2



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: 27.396 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

Instrument :

MSVOA_N

ClientSampled :

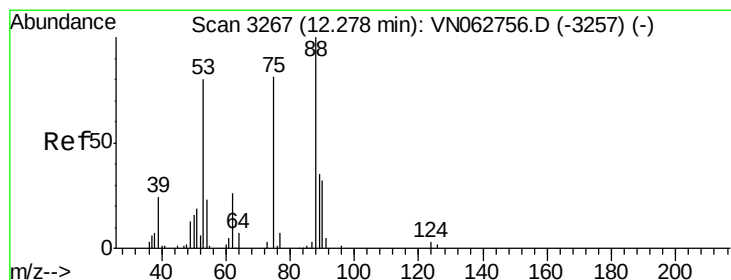
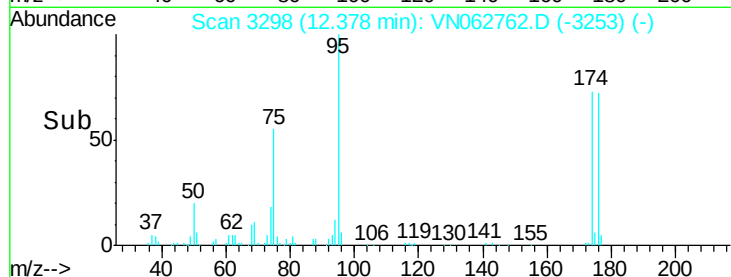
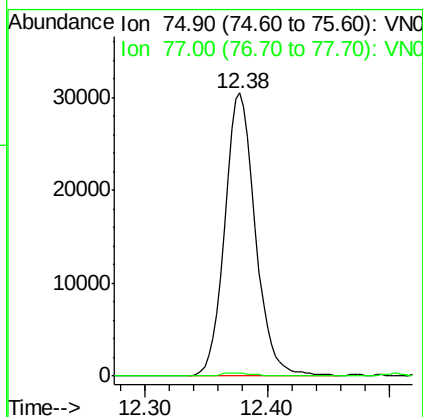
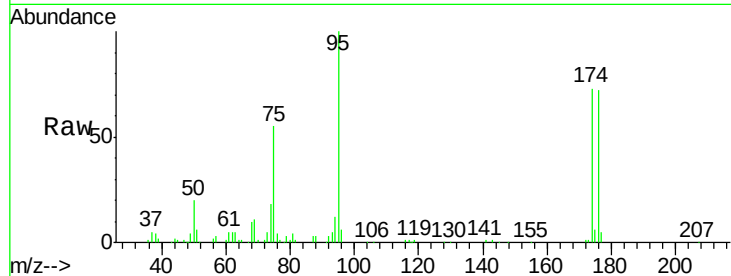
VN0806MBL01

Tot Ion: 75 Resp: 53563

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.634 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

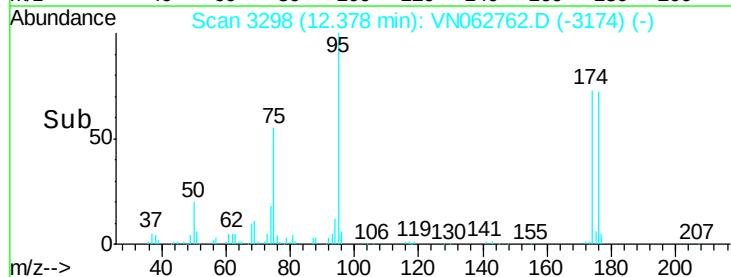
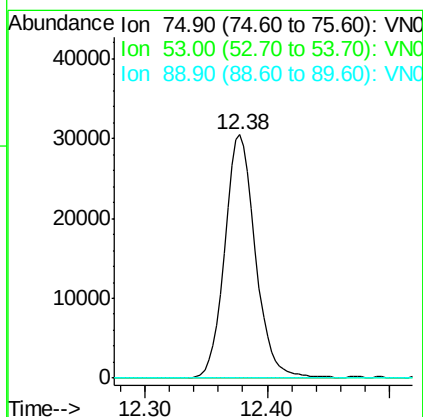
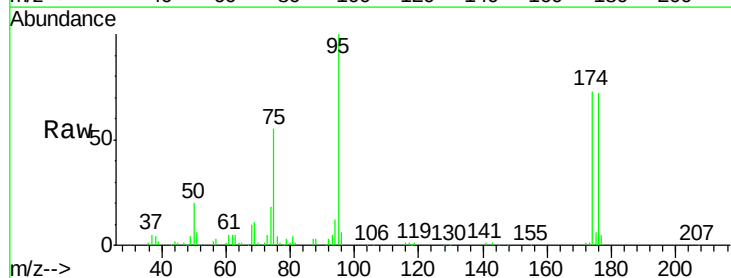
Tgt Ion: 75 Resp: 53563

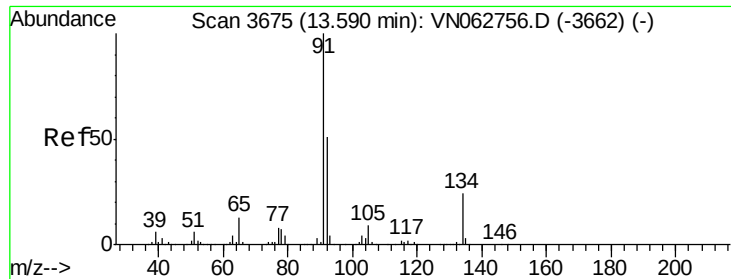
Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

89 0.0 36.2 54.2#





#89

n-Butylbenzene

Concen: 0.255 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0806MBL01

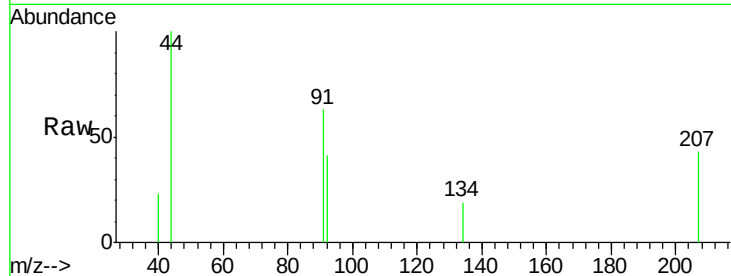
Tot Ion: 91 Resp: 1009

Ion Ratio Lower Upper

91 100

92 29.2 25.7 77.0

134 2.9 12.2 36.6#

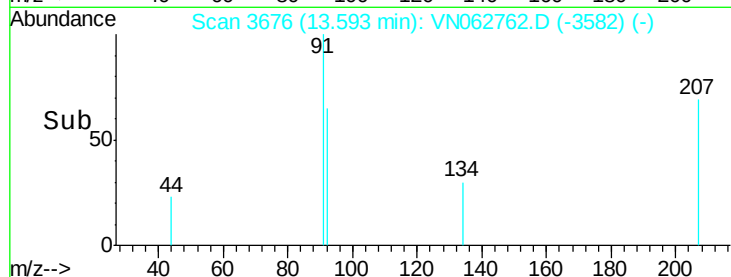


Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062756.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062756.D (-3662) (-)

Time--> 13.55 13.60

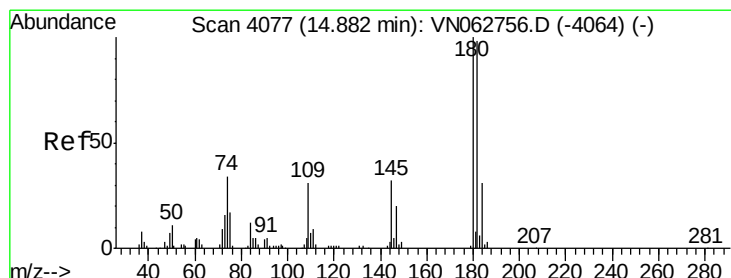


Abundance Ion 91.00 (90.70 to 91.70): VN062762.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062762.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062762.D (-3582) (-)

Time--> 13.55 13.60



#93

1,2,4-Trichlorobenzene

Concen: 3.982 ug/l

RT: 14.89 min Scan# 4079

Delta R.T. 0.01 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

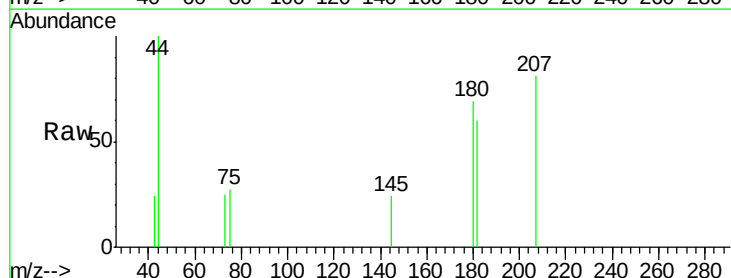
Tgt Ion: 180 Resp: 862

Ion Ratio Lower Upper

180 100

182 91.5 49.1 147.4

145 11.3 16.3 48.8#

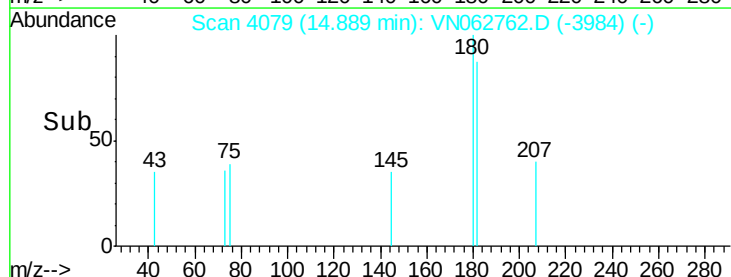


Abundance Ion 179.80 (179.50 to 180.50): VN062756.D (-4064) (-)

Ion 181.80 (181.50 to 182.50): VN062756.D (-4064) (-)

Ion 144.80 (144.50 to 145.50): VN062756.D (-4064) (-)

Time--> 14.85 14.90

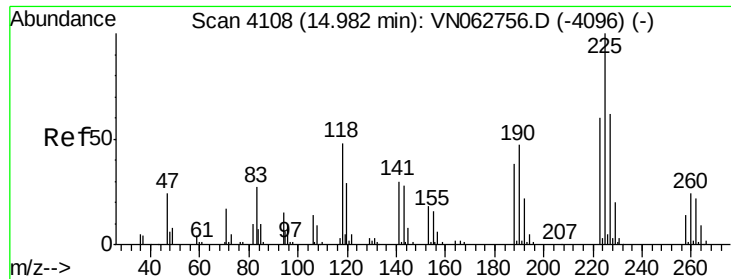


Abundance Ion 179.80 (179.50 to 180.50): VN062762.D (-3984) (-)

Ion 181.80 (181.50 to 182.50): VN062762.D (-3984) (-)

Ion 144.80 (144.50 to 145.50): VN062762.D (-3984) (-)

Time--> 14.85 14.90



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.98 min Scan# 4107

Delta R.T. -0.00 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

Instrument :

MSVOA_N

ClientSampled :

VN0806MBL01

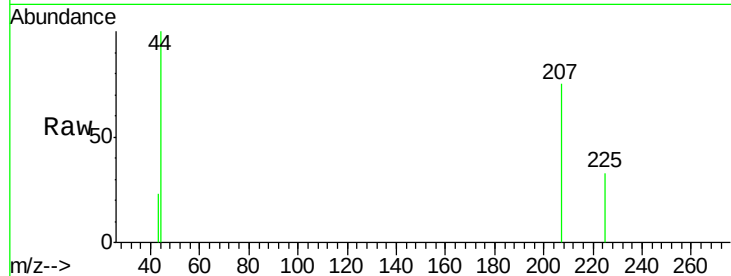
Tot Ion:225 Resp: 151

Ion Ratio Lower Upper

225 100

223 19.9 30.6 92.0#

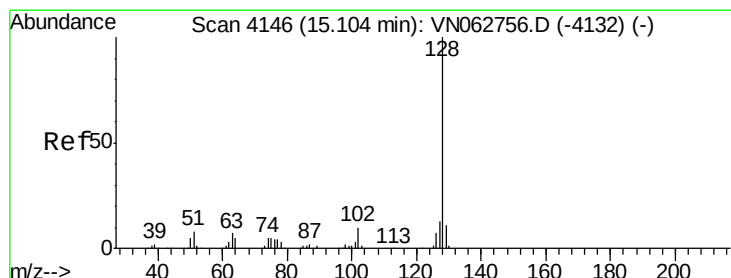
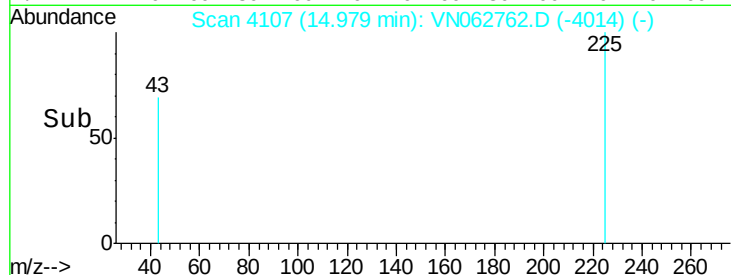
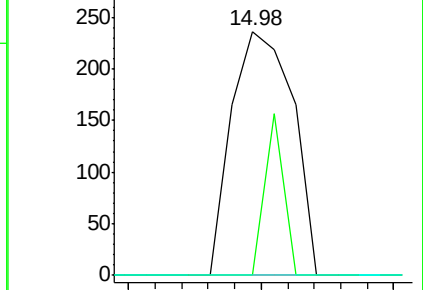
227 0.0 31.6 95.0#



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



#95

Naphthalene

Concen: 4.822 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062762.D

Acq: 6 Aug 2020 13:13

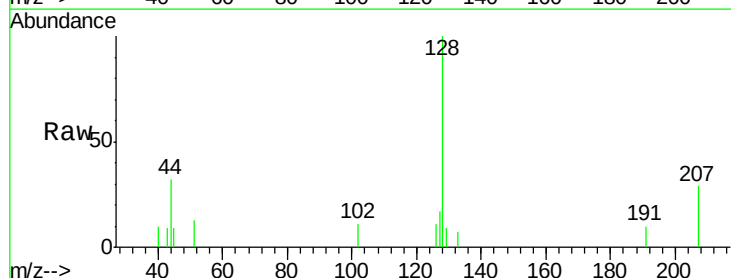
Tgt Ion:128 Resp: 4011

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

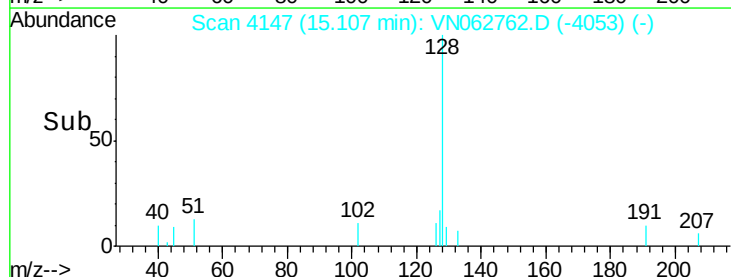
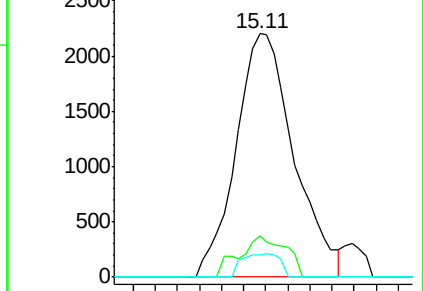
129 6.3 8.8 13.2#

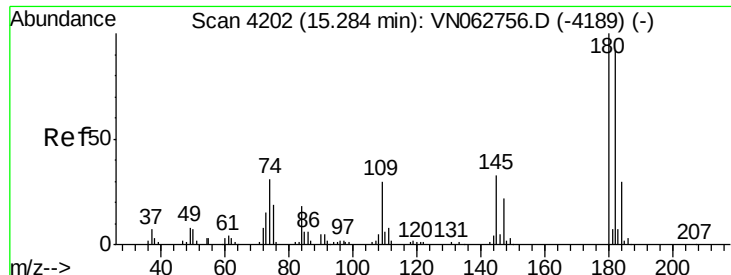


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.301 ug/l
 RT: 15.28 min Scan# 4201
 Delta R.T. -0.00 min
 Lab File: VN062762.D
 Acq: 6 Aug 2020 13:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806MBL01

Tot Ion:180 Resp: 713
 Ion Ratio Lower Upper
 180 100
 182 139.6 47.9 143.6
 145 47.1 17.3 51.7

