

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062727.D
 Acq On : 3 Aug 2020 11:33
 Operator : JC/MD
 Sample : VN0803WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL01

Quant Time: Aug 04 03:26:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	141206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	238180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88188	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	120538	54.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.90%	
35) Dibromofluoromethane	7.55	113	82800	51.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.06%	
50) Toluene-d8	10.06	98	315283	49.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.38	95	115665	49.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.70%	

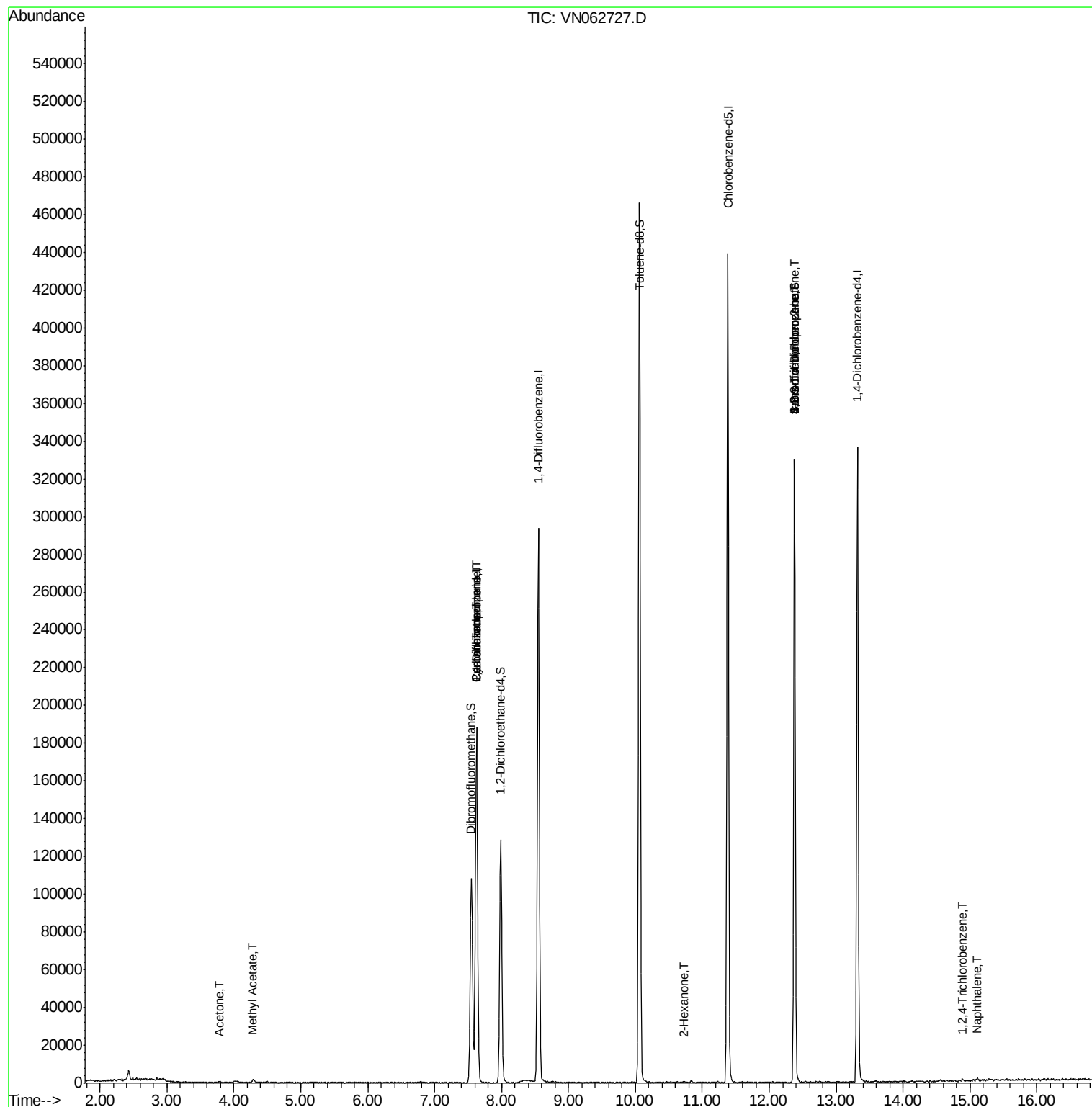
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	816	0.989	ug/l #	44
18) Methyl Acetate	4.28	43	3215	1.538	ug/l #	74
31) Cyclohexane	7.63	56	3416	1.057	ug/l #	26
36) 1,1-Dichloropropene	7.62	75	12670	4.860	ug/l #	50
38) Carbon Tetrachloride	7.63	117	15510	6.189	ug/l #	17
59) 2-Hexanone	10.72	43	298	3.099	ug/l #	26
71) Bromoform	12.37	173	543	0.385	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	65445	29.155	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	65445	81.162	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.89	180	177	3.216	ug/l #	31
95) Naphthalene	15.11	128	1553	4.128	ug/l #	69

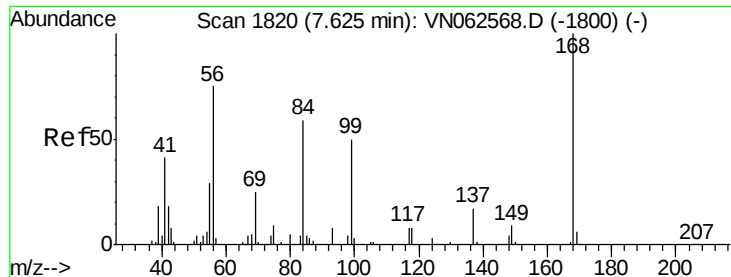
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080320\
Data File : VN062727.D
Acq On : 3 Aug 2020 11:33
Operator : JC/MD
Sample : VN0803WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

Quant Time: Aug 04 03:26:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062727.D

Acq: 3 Aug 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

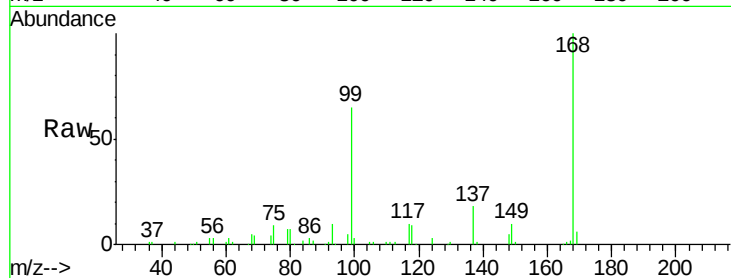
VN0803WBL01

Tot Ion:168 Resp: 141206

Ion Ratio Lower Upper

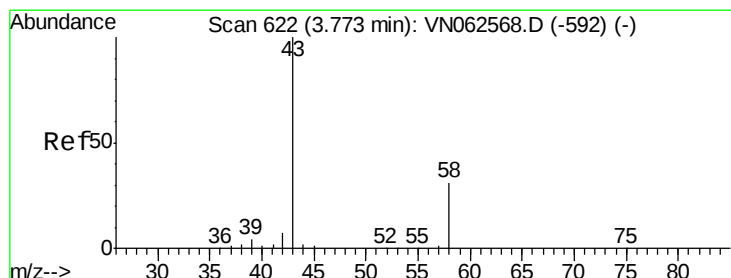
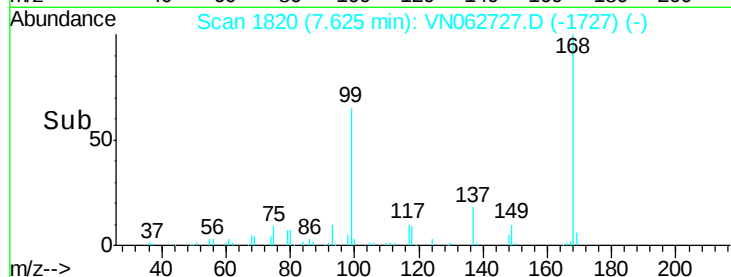
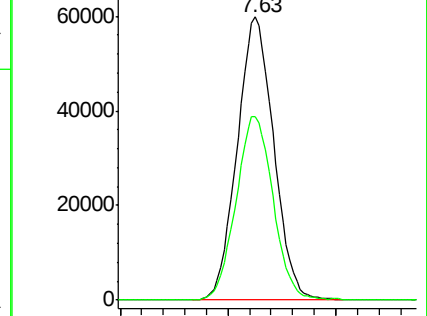
168 100

99 64.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 0.989 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062727.D

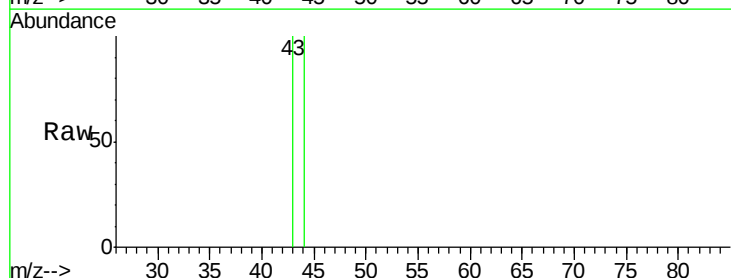
Acq: 3 Aug 2020 11:33

Tgt Ion: 43 Resp: 816

Ion Ratio Lower Upper

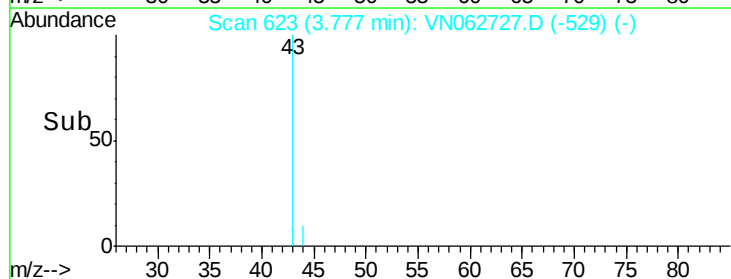
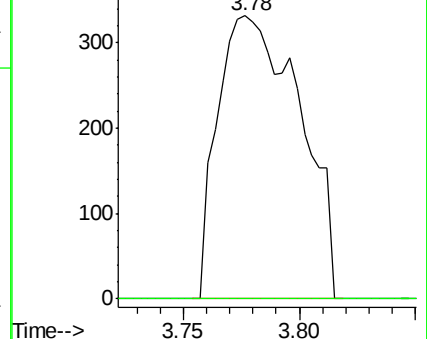
43 100

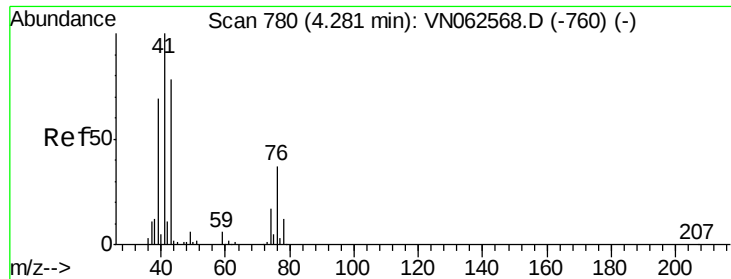
58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

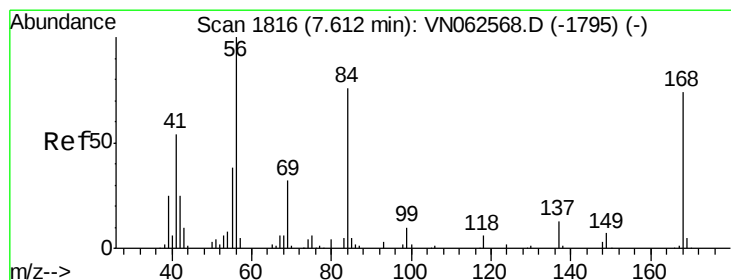
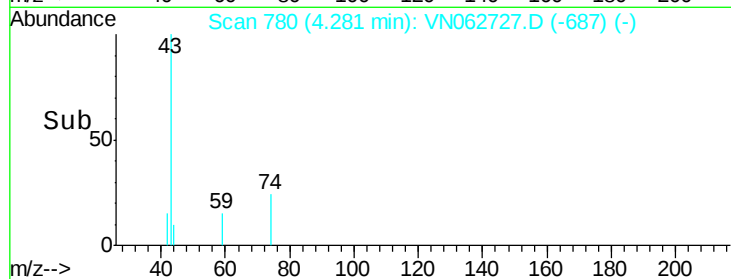
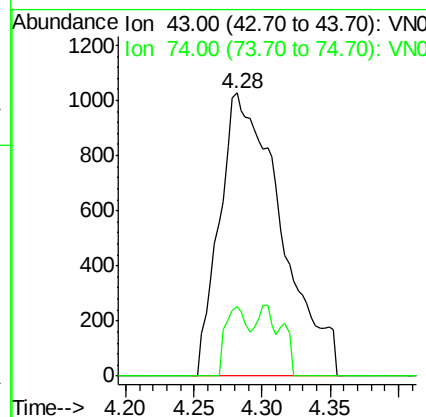
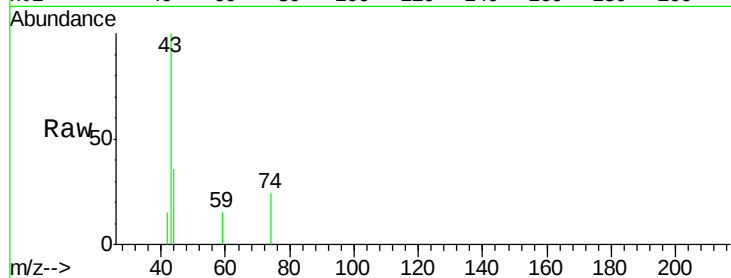




#18
Methvl Acetate
Concen: 1.538 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN062727.D
Acq: 3 Aug 2020 11:33

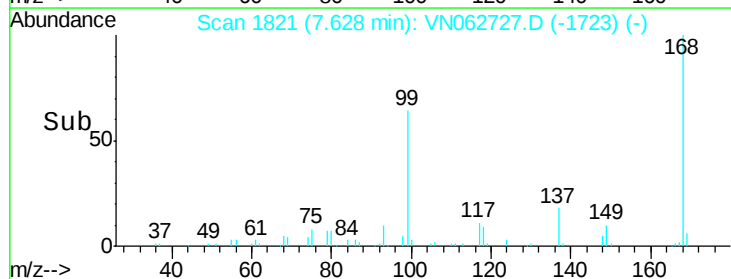
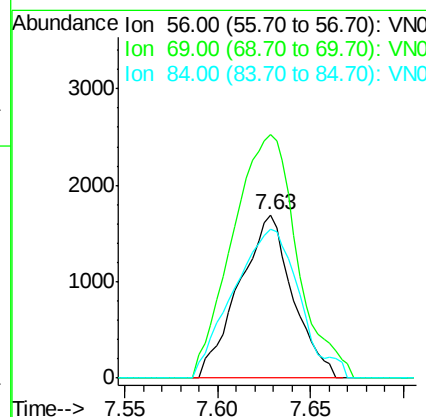
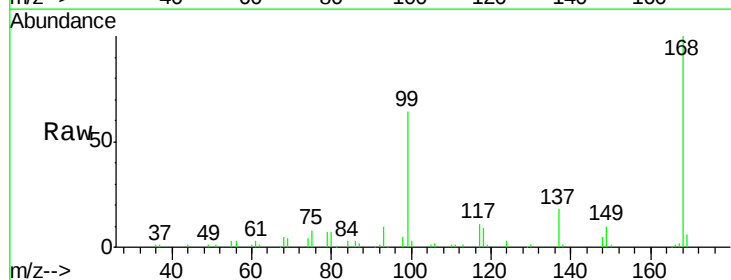
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

Tot Ion: 43 Resp: 3215
Ion Ratio Lower Upper
43 100
74 8.7 16.6 24.8#



#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN062727.D
Acq: 3 Aug 2020 11:33

Tgt Ion: 56 Resp: 3416
Ion Ratio Lower Upper
56 100
69 149.1 25.3 37.9#
84 91.0 61.0 91.4





#33

1,2-Dichloroethane-d4

Concen: 54.951 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062727.D

Acq: 3 Aug 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

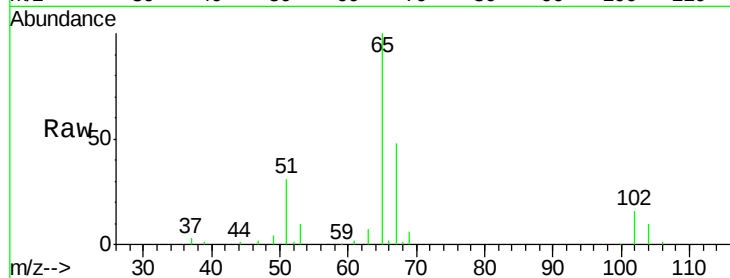
VN0803WBL01

Tot Ion: 65 Resp: 120538

Ion Ratio Lower Upper

65 100

67 49.7 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062727.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062727.D (-1840) (-)

7.99

60000

50000

40000

30000

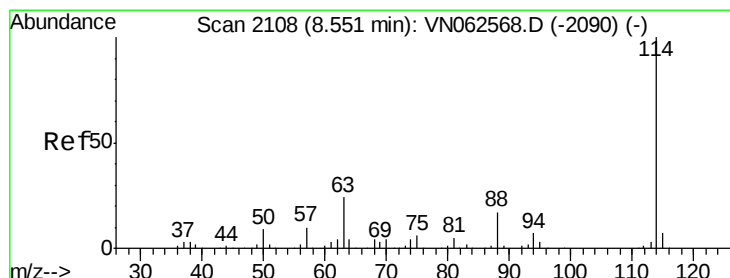
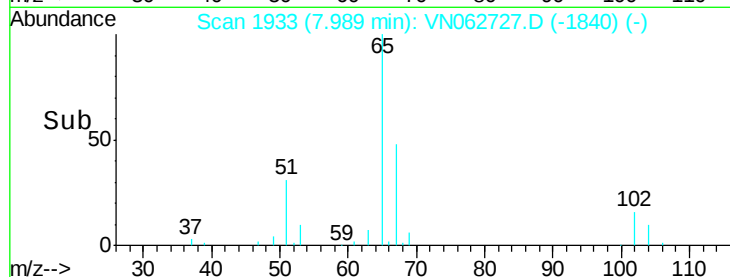
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062727.D

Acq: 3 Aug 2020 11:33

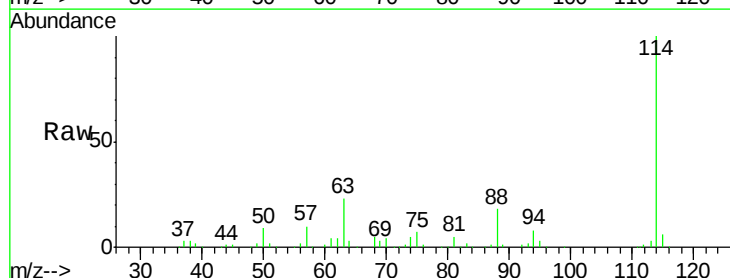
Tgt Ion: 114 Resp: 244605

Ion Ratio Lower Upper

114 100

63 22.7 0.0 48.4

88 17.6 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062727.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062727.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062727.D (-2015) (-)

8.55

150000

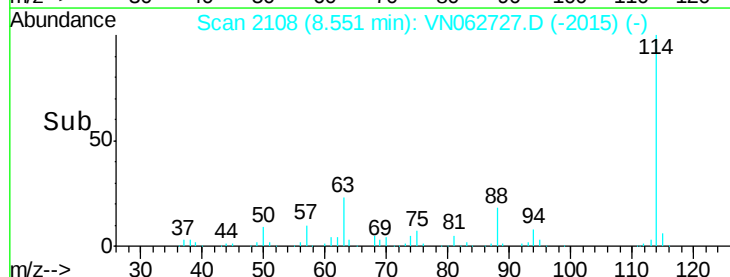
100000

50000

0

Time-->

8.50 8.60

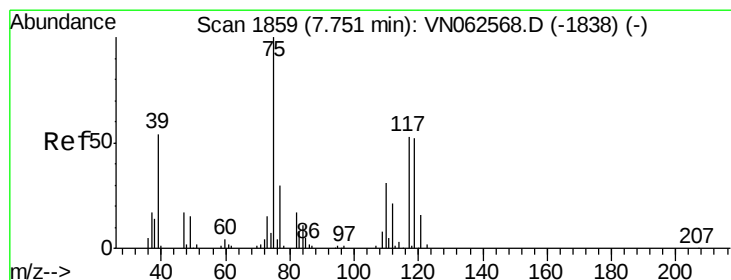
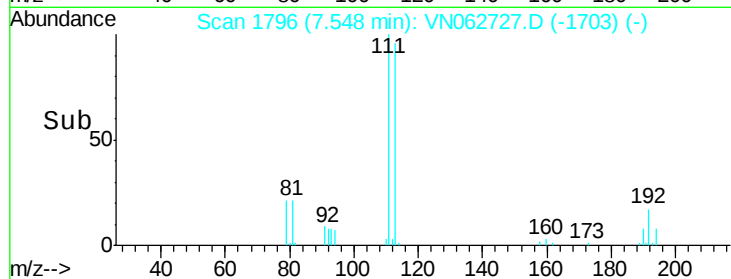
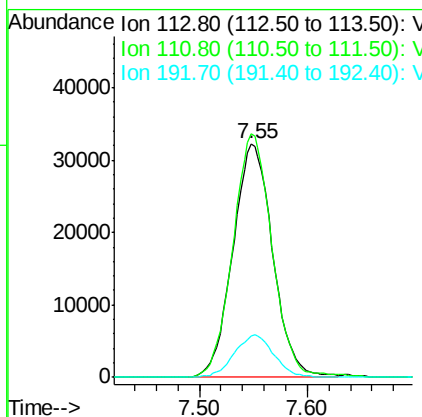
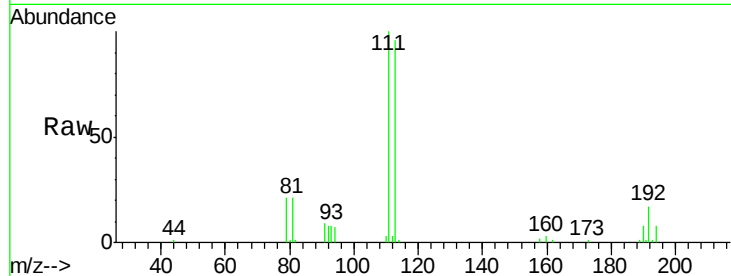




#35
 Dibromofluoromethane
 Concen: 51.534 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062727.D
 Acq: 3 Aug 2020 11:33

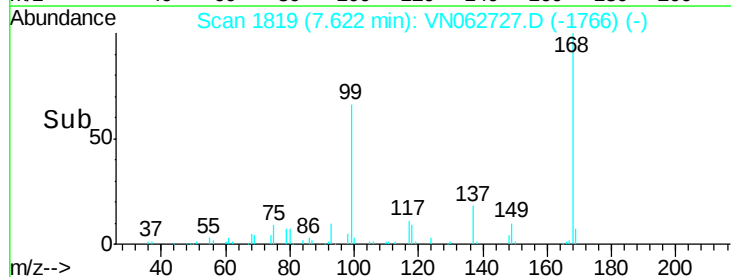
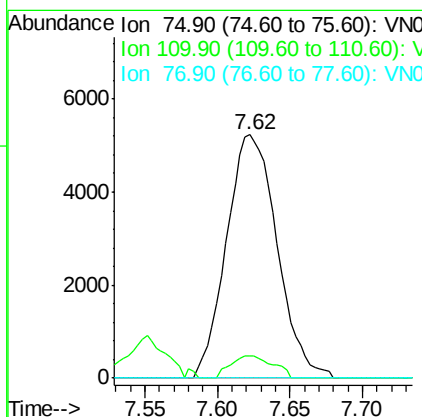
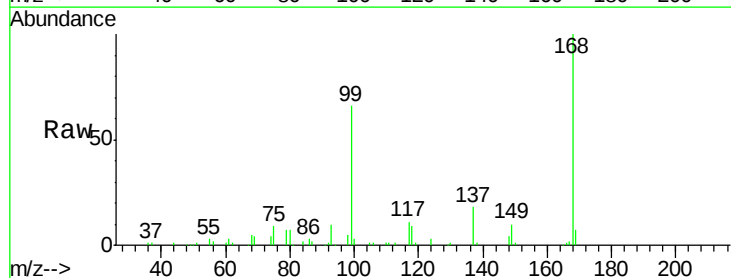
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL01

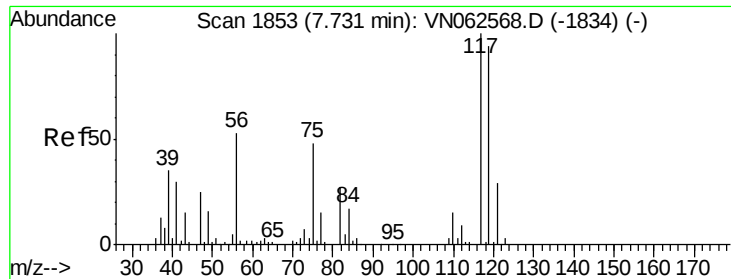
Tot Ion:113 Resp: 82800
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.7 124.1
 192 18.0 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.860 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062727.D
 Acq: 3 Aug 2020 11:33

Tgt Ion: 75 Resp: 12670
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.0 48.0#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.189 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.10 min

Lab File: VN062727.D

Acq: 3 Aug 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL01

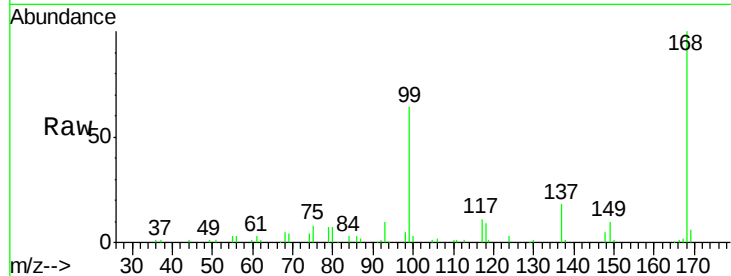
Tot Ion:117 Resp: 15510

Ion Ratio Lower Upper

117 100

119 4.5 74.8 112.2#

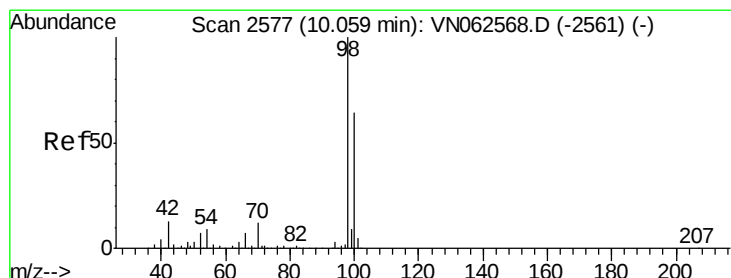
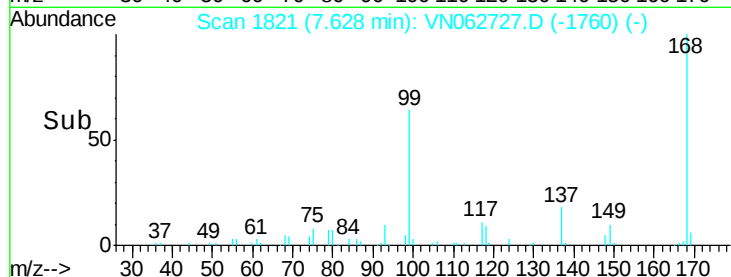
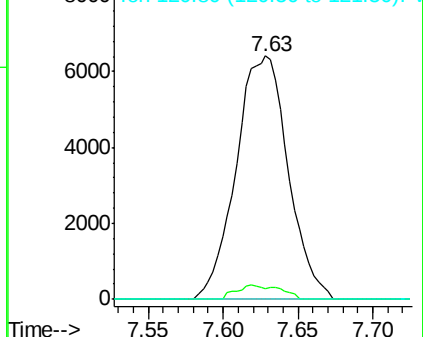
121 0.0 23.0 34.6#



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



#50

Toluene-d8

Concen: 49.181 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062727.D

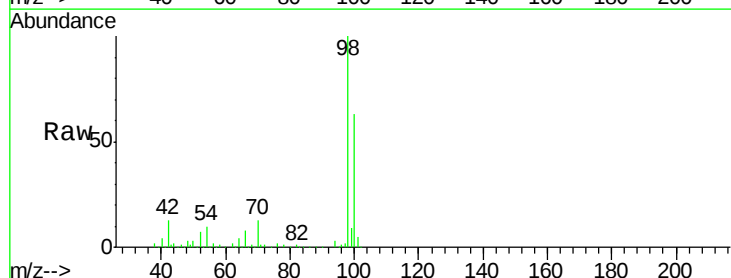
Acq: 3 Aug 2020 11:33

Tgt Ion: 98 Resp: 315283

Ion Ratio Lower Upper

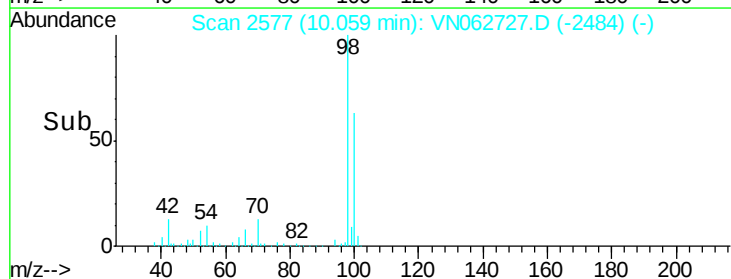
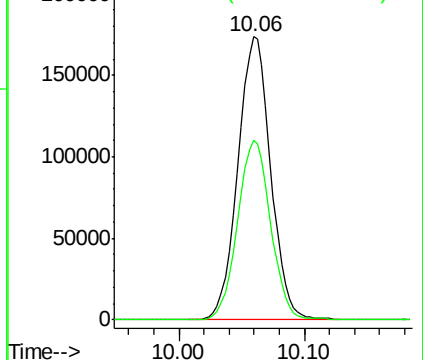
98 100

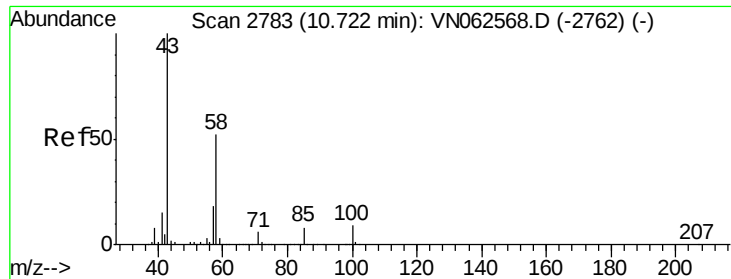
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#59

2-Hexanone

Concen: 3.099 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN062727.D

Acq: 3 Aug 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

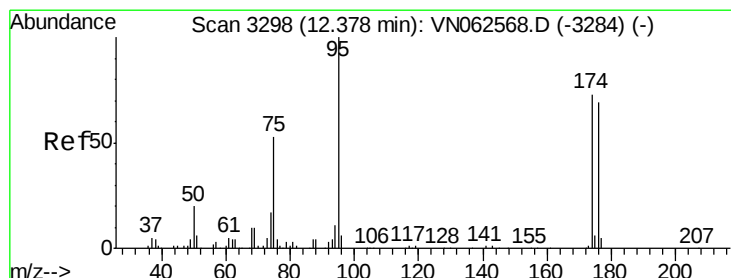
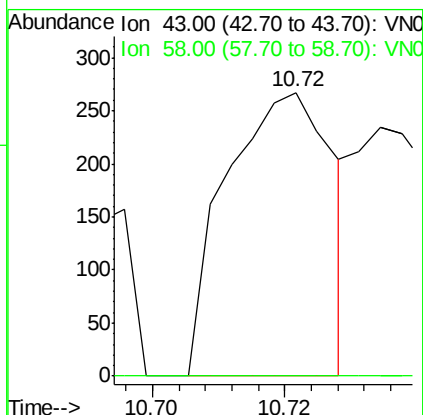
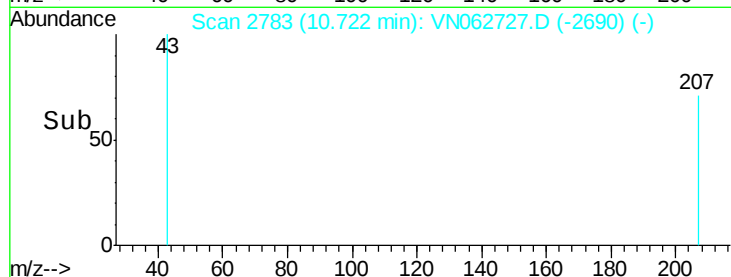
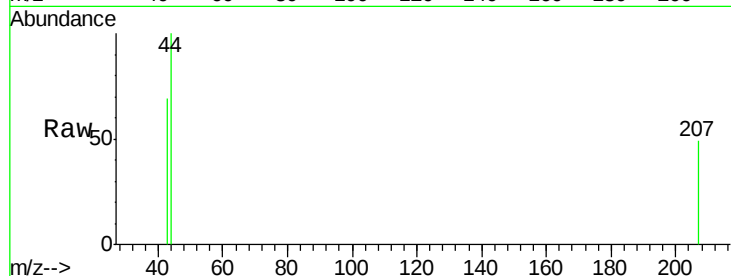
VN0803WBL01

Tot Ion: 43 Resp: 298

Ion Ratio Lower Upper

43 100

58 0.0 26.0 78.0#



#62

4-Bromofluorobenzene

Concen: 49.345 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062727.D

Acq: 3 Aug 2020 11:33

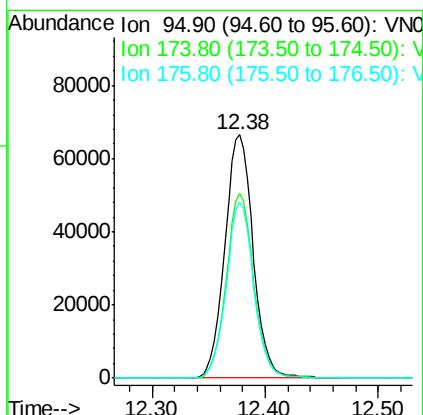
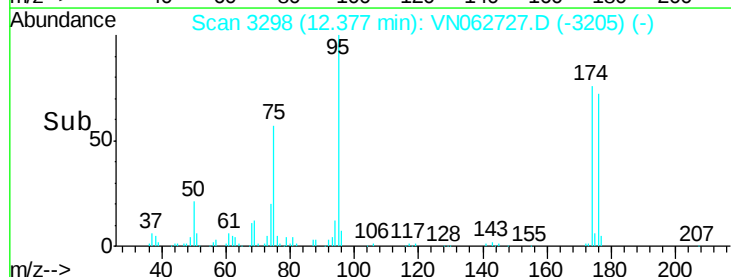
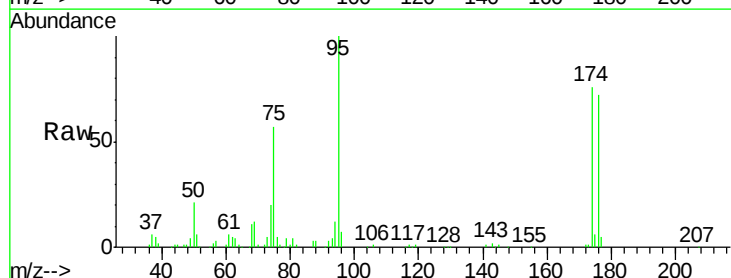
Tgt Ion: 95 Resp: 115665

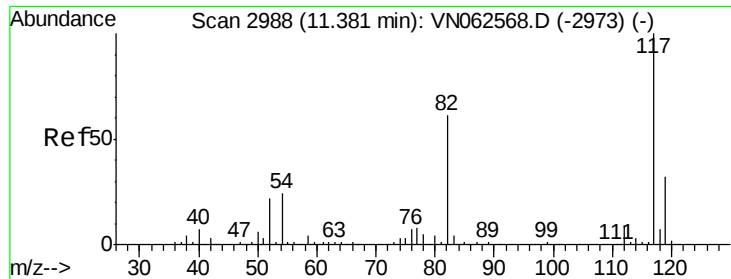
Ion Ratio Lower Upper

95 100

174 73.8 0.0 144.6

176 70.0 0.0 139.4

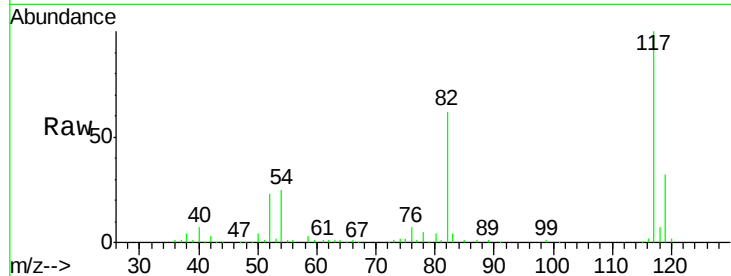




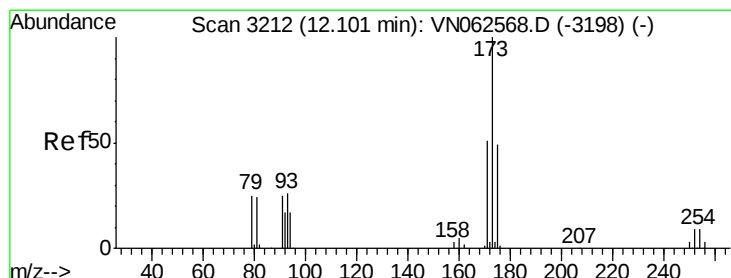
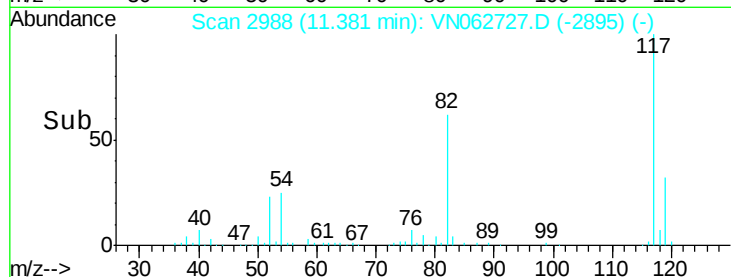
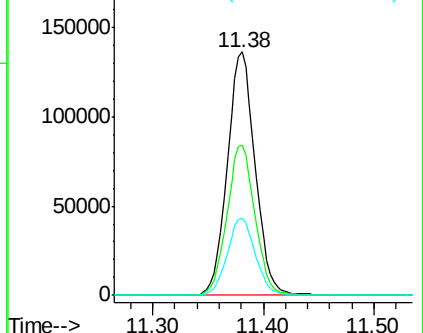
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062727.D
Acq: 3 Aug 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

Tot Ion:117 Resp: 238180
Ion Ratio Lower Upper
117 100
82 61.6 49.0 73.6
119 31.7 25.4 38.2

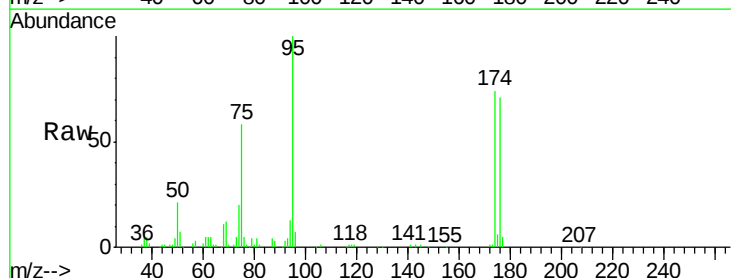


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

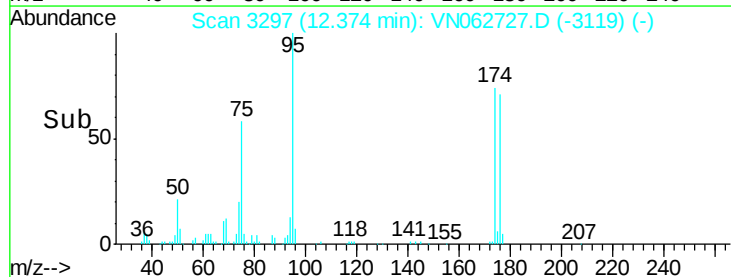
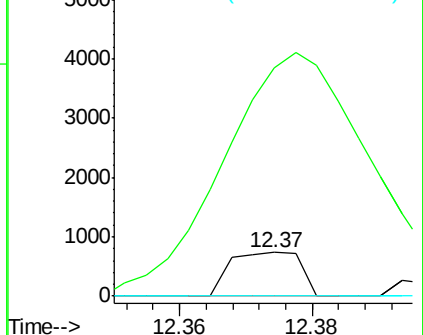


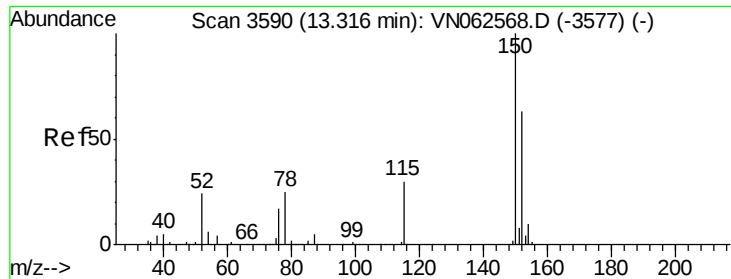
#71
Bromoform
Concen: 0.385 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN062727.D
Acq: 3 Aug 2020 11:33

Tgt Ion:173 Resp: 543
Ion Ratio Lower Upper
173 100
175 987.8 24.1 72.2#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VN062727.D

Acq: 3 Aug 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL01

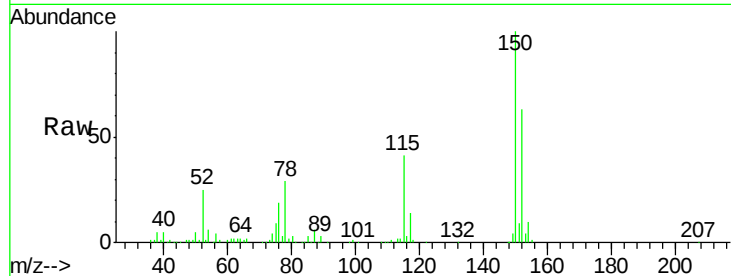
Tot Ion:152 Resp: 88188

Ion Ratio Lower Upper

152 100

115 64.6 31.8 95.4

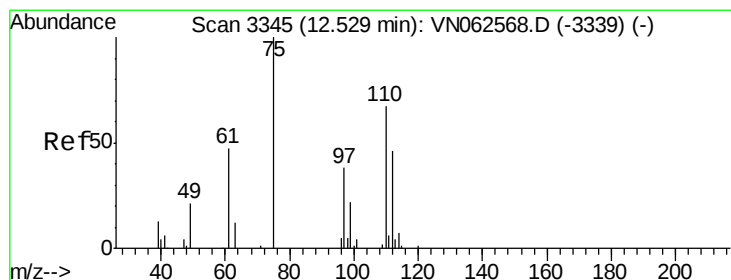
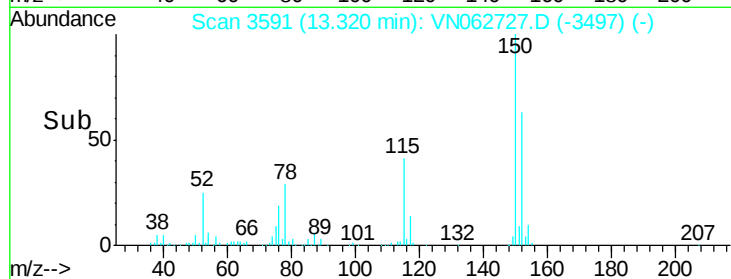
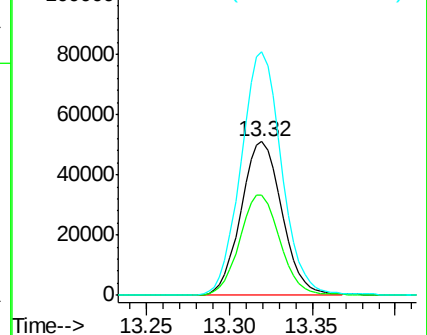
150 157.1 0.0 351.4



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: 29.155 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062727.D

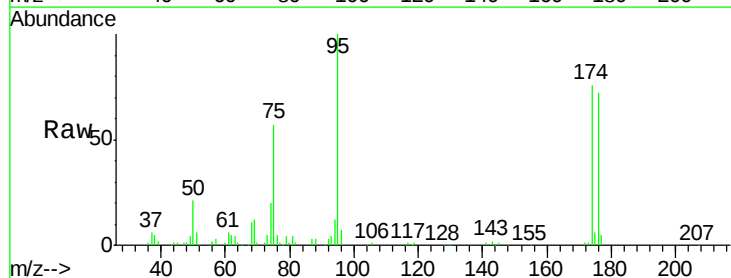
Acq: 3 Aug 2020 11:33

Tgt Ion: 75 Resp: 65445

Ion Ratio Lower Upper

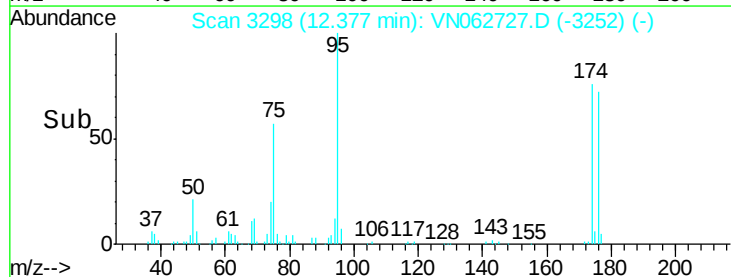
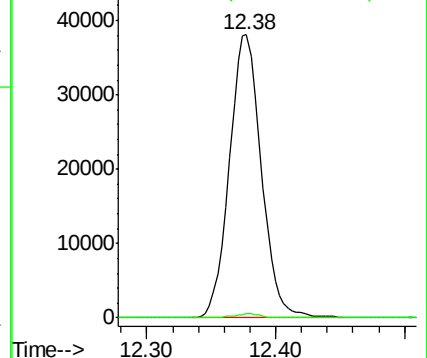
75 100

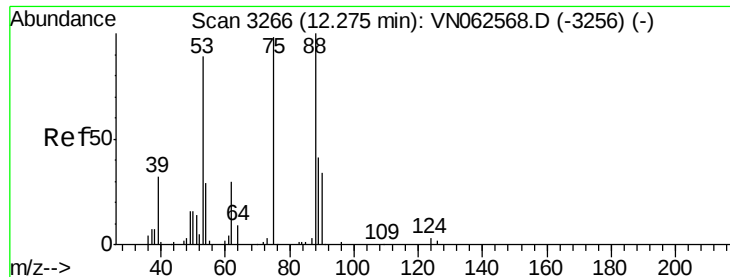
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 81.162 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062727.D

Acq: 3 Aug 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

VN0803WBL01

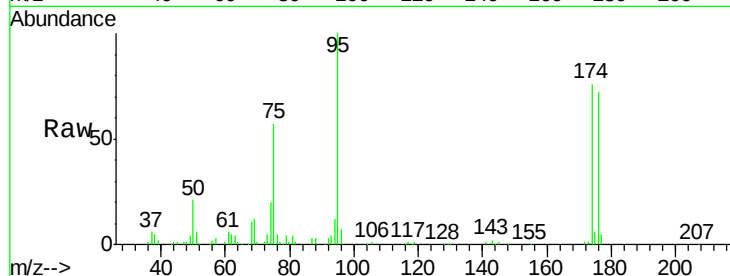
Tot Ion: 75 Resp: 65445

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

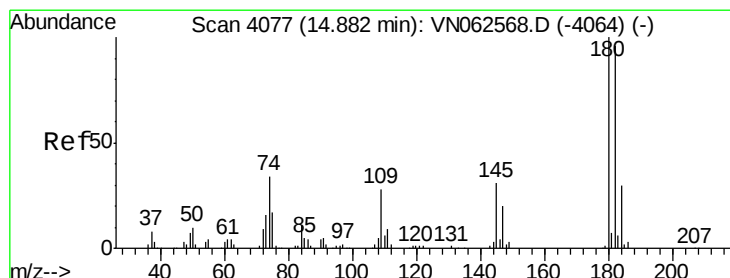
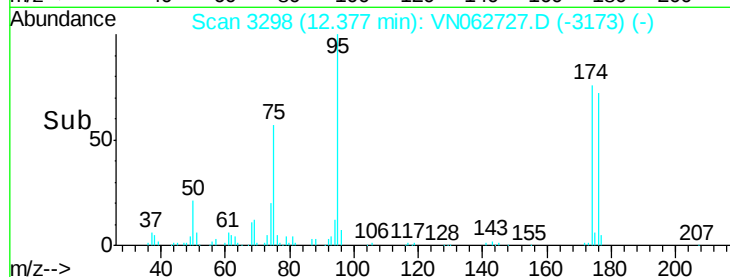
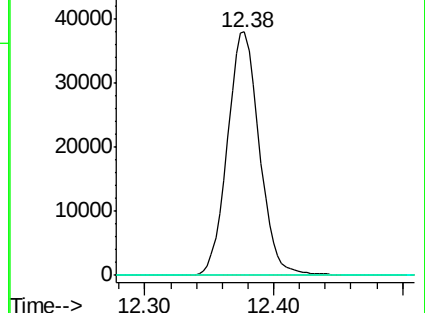
89 0.0 34.5 51.7#



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



#93

1,2,4-Trichlorobenzene

Concen: 3.216 ug/l

RT: 14.89 min Scan# 4080

Delta R.T. 0.01 min

Lab File: VN062727.D

Acq: 3 Aug 2020 11:33

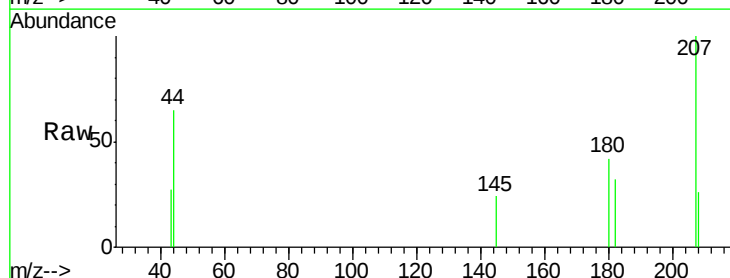
Tgt Ion: 180 Resp: 177

Ion Ratio Lower Upper

180 100

182 176.8 47.8 143.3#

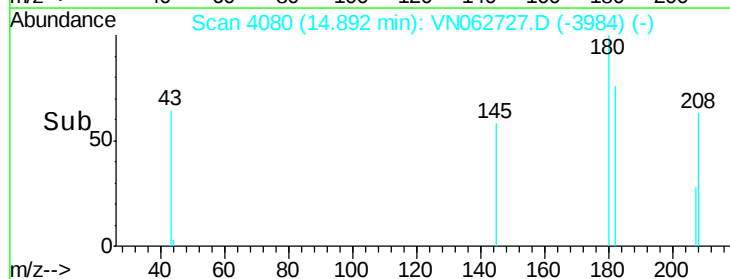
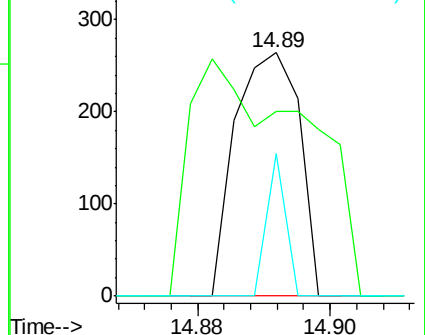
145 16.9 15.3 45.9

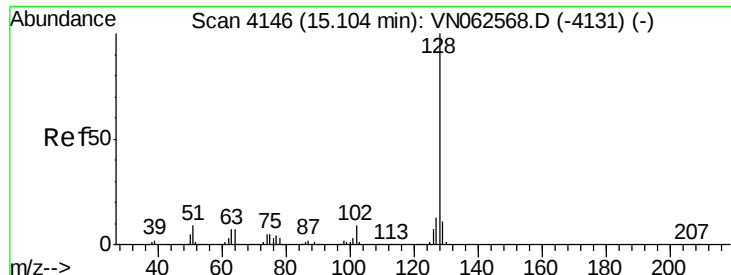


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

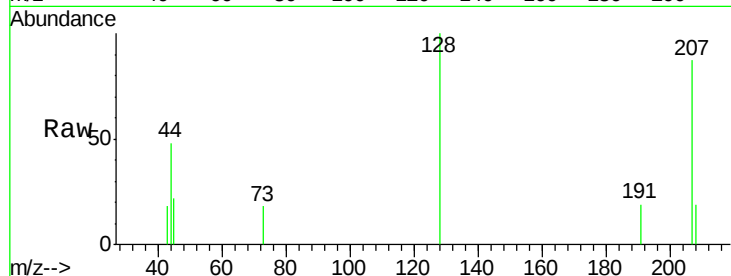




#95
 Naphthalene
 Concen: 4.128 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: VN062727.D
 Acq: 3 Aug 2020 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL01

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#



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

