

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062677.D
 Acq On : 31 Jul 2020 11:52
 Operator : JC/MD
 Sample : PB130640TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640TB

Quant Time: Aug 01 06:34:57 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	129460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	227878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	233659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82548	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	110159	54.78	ug/l	0.00
Spiked Amount						
			Recovery	=	109.56%	
35) Dibromofluoromethane	7.55	113	76926	51.39	ug/l	0.00
Spiked Amount						
			Recovery	=	102.78%	
50) Toluene-d8	10.06	98	306880	51.38	ug/l	0.00
Spiked Amount						
			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.38	95	112352	51.45	ug/l	0.00
Spiked Amount						
			Recovery	=	102.90%	

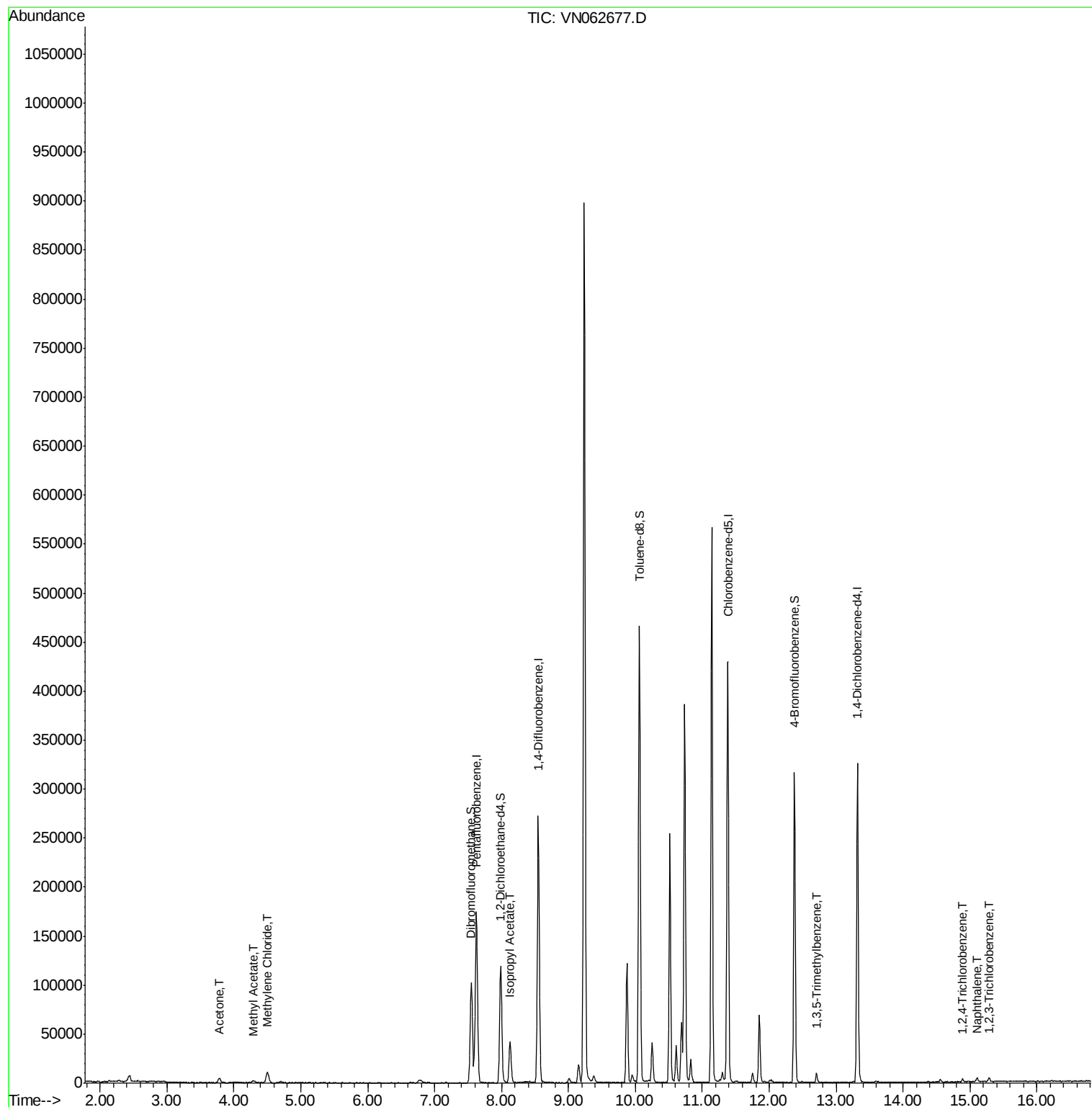
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	8639	11.415	ug/l	91
18) Methyl Acetate	4.29	43	4490	2.344	ug/l #	90
20) Methylene Chloride	4.50	84	8435	4.647	ug/l	96
43) Isopropyl Acetate	8.13	43	50305	11.918	ug/l #	89
80) 1,3,5-Trimethylbenzene	12.71	105	5679	1.049	ug/l	99
93) 1,2,4-Trichlorobenzene	14.89	180	1051	3.816	ug/l	91
95) Naphthalene	15.11	128	4472	4.888	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.28	180	1404	1.132	ug/l	97

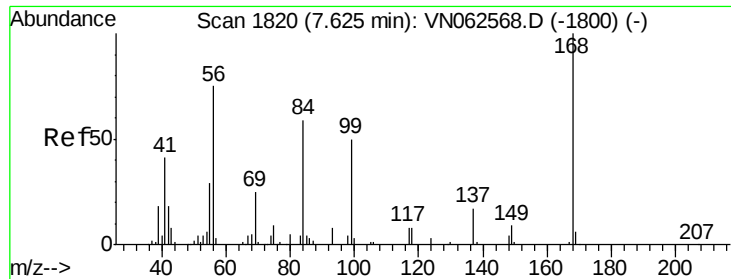
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073120\
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Quant Time: Aug 01 06:34:57 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

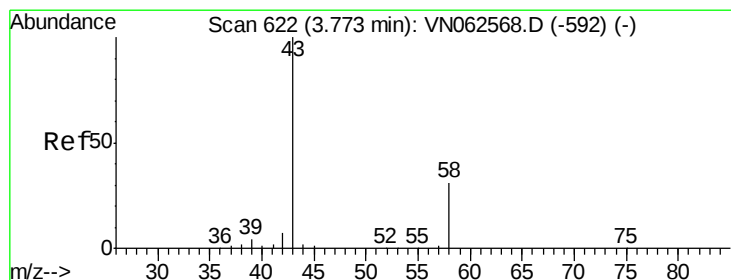
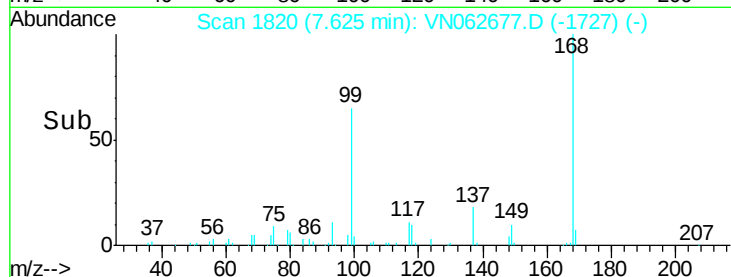
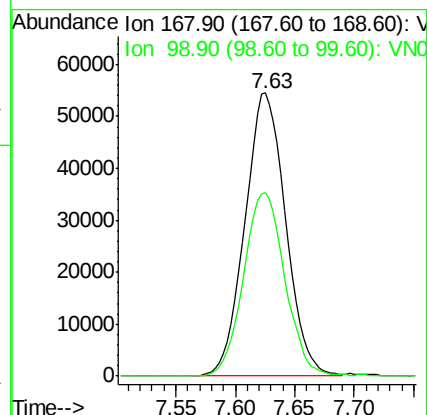
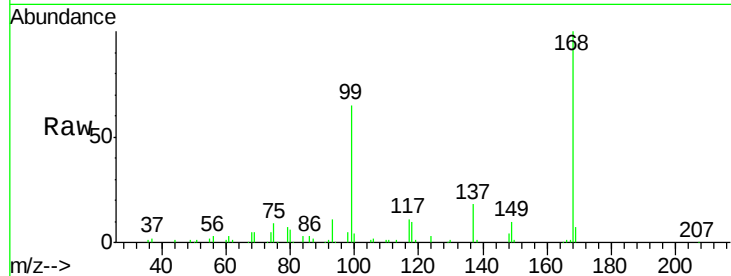




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN062677.D
Acq: 31 Jul 2020 11:52

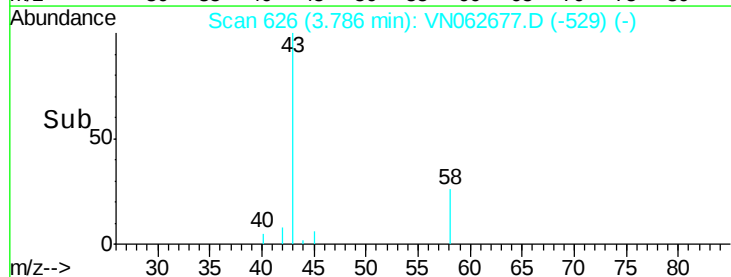
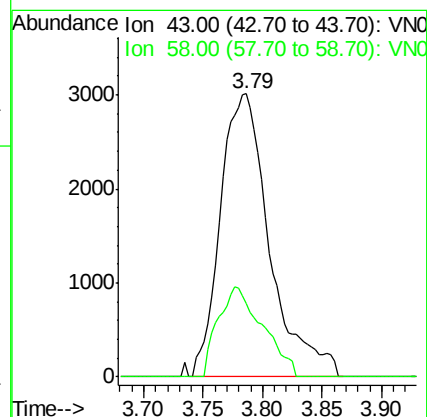
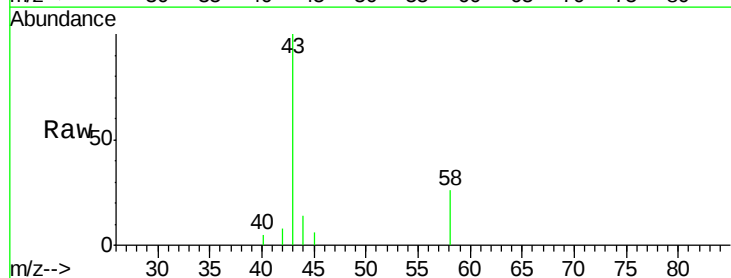
Instrument :
MSVOA_N
ClientSampled :
PB130640TB

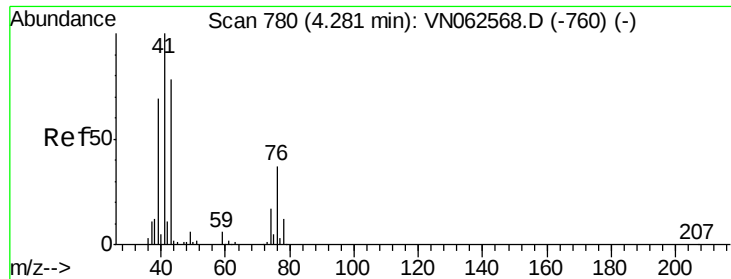
Tot Ion:168 Resp: 129460
Ion Ratio Lower Upper
168 100
99 64.7 48.4 72.6



#16
Acetone
Concen: 11.415 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN062677.D
Acq: 31 Jul 2020 11:52

Tgt Ion: 43 Resp: 8639
Ion Ratio Lower Upper
43 100
58 25.8 24.6 37.0

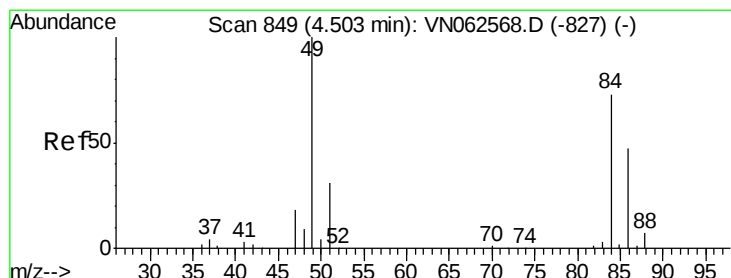
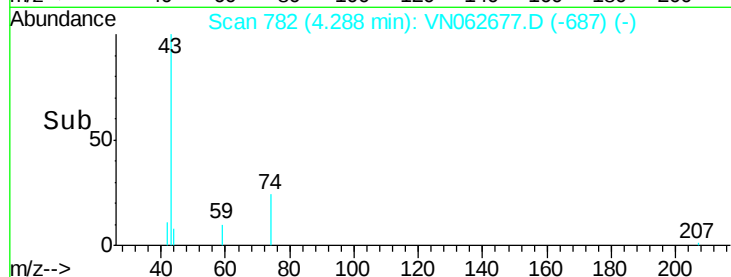
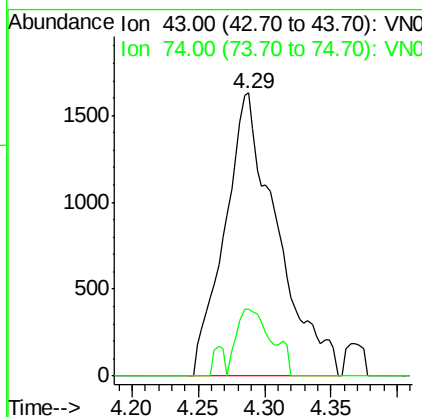
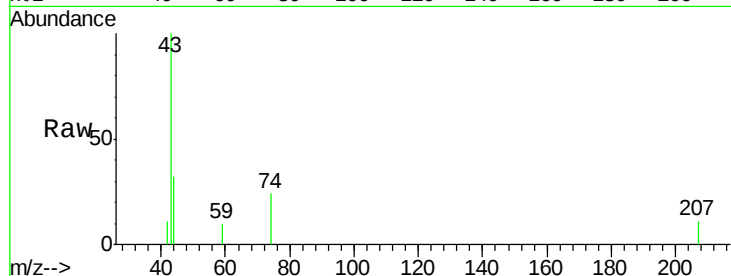




#18
Methyl Acetate
Concen: 2.344 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062677.D
Acq: 31 Jul 2020 11:52

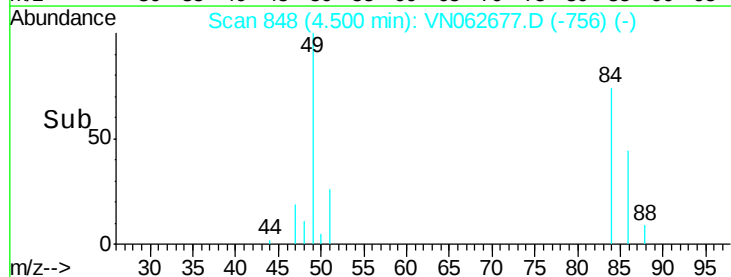
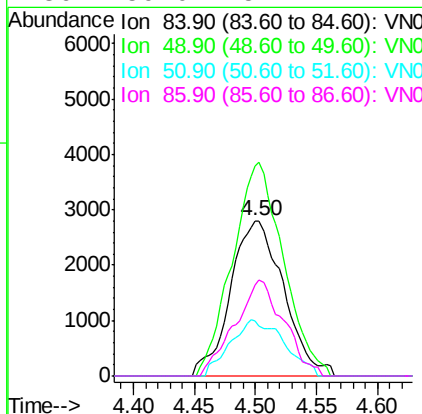
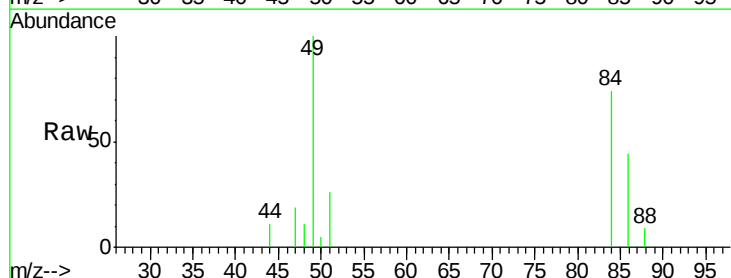
Instrument :
MSVOA_N
ClientSampled :
PB130640TB

Tot Ion: 43 Resp: 4490
Ion Ratio Lower Upper
43 100
74 15.9 16.6 24.8#



#20
Methylene Chloride
Concen: 4.647 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062677.D
Acq: 31 Jul 2020 11:52

Tgt Ion: 84 Resp: 8435
Ion Ratio Lower Upper
84 100
49 135.3 109.4 164.0
51 35.4 33.6 50.4
86 59.0 51.4 77.2

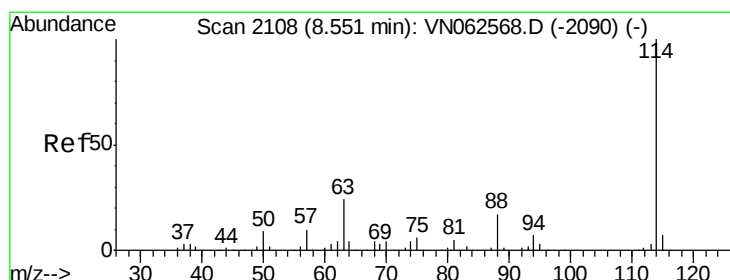
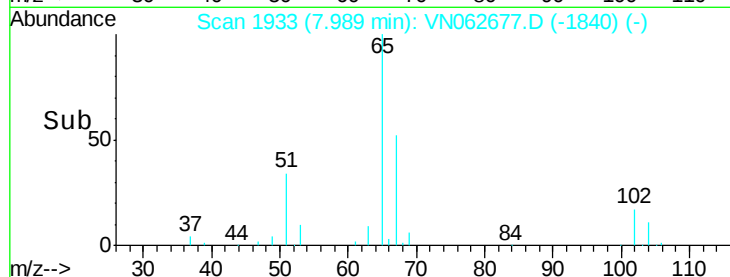
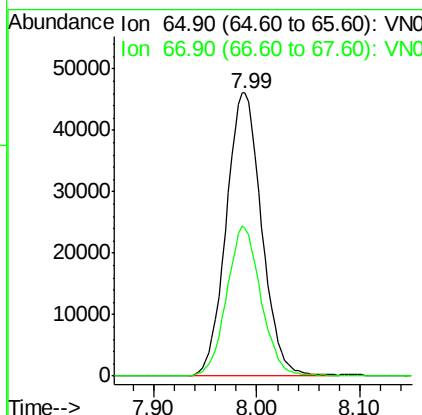
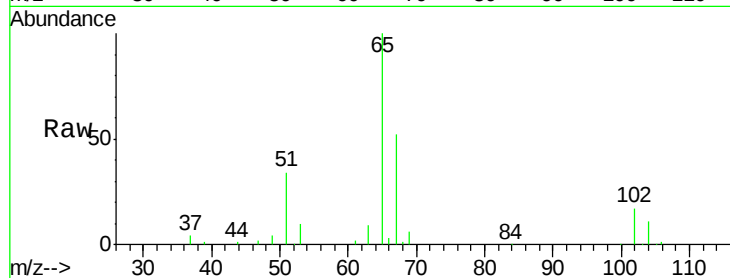




#33
 1,2-Dichloroethane-d4
 Concen: 54.776 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062677.D
 Acq: 31 Jul 2020 11:52

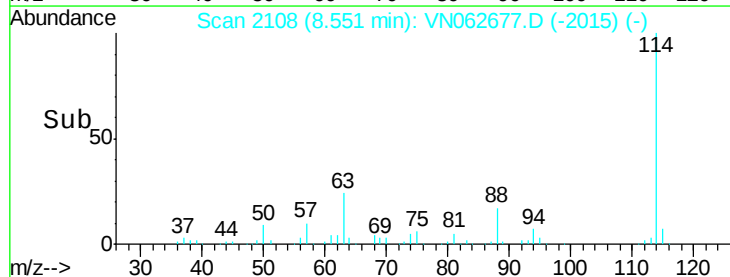
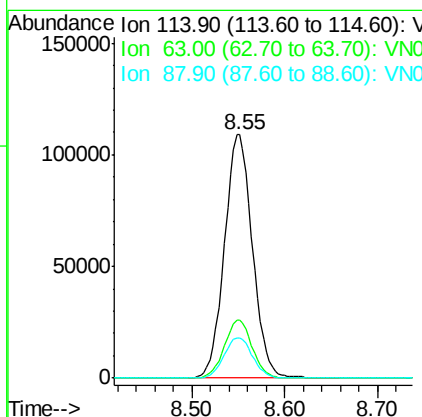
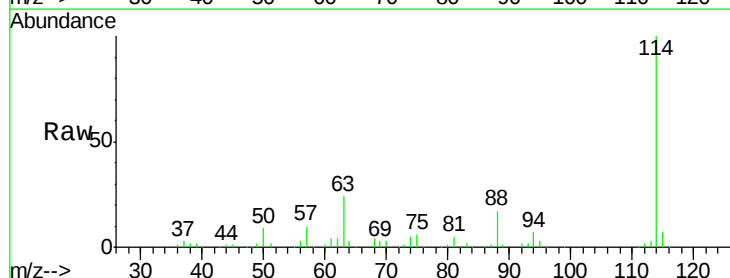
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640TB

Tot Ion: 65 Resp: 110159
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062677.D
 Acq: 31 Jul 2020 11:52

Tgt Ion: 114 Resp: 227878
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.4
 88 16.5 0.0 33.8

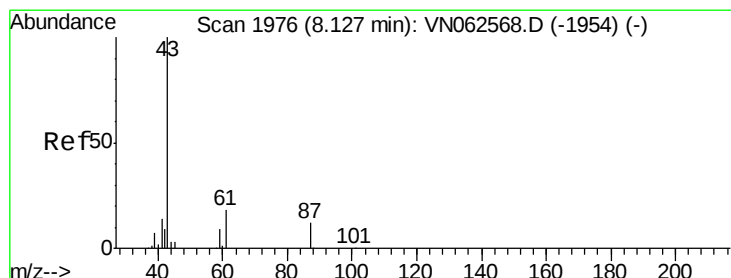
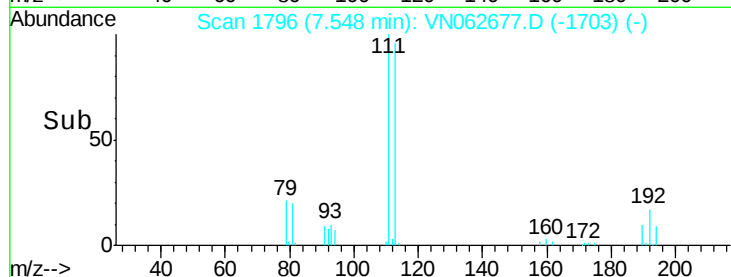
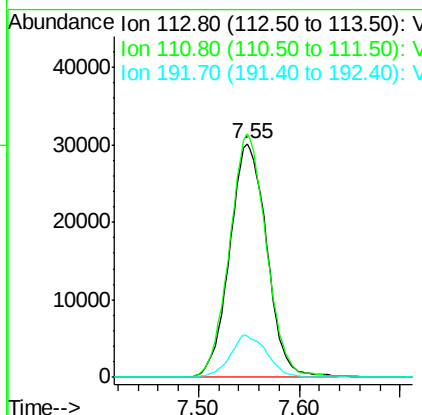
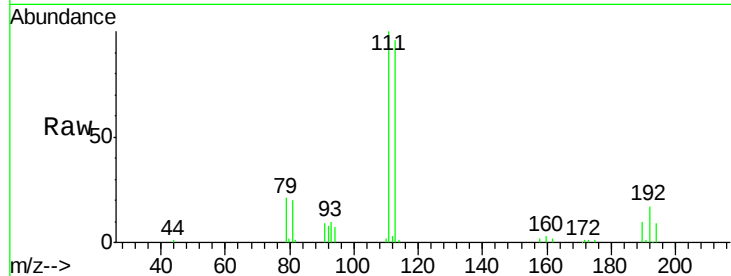




#35
 Dibromofluoromethane
 Concen: 51.393 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062677.D
 Acq: 31 Jul 2020 11:52

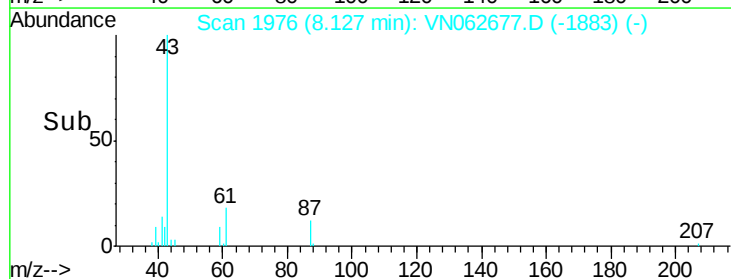
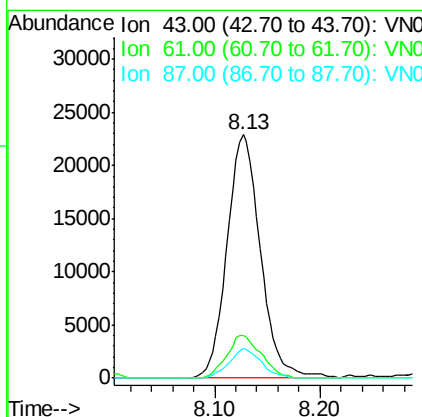
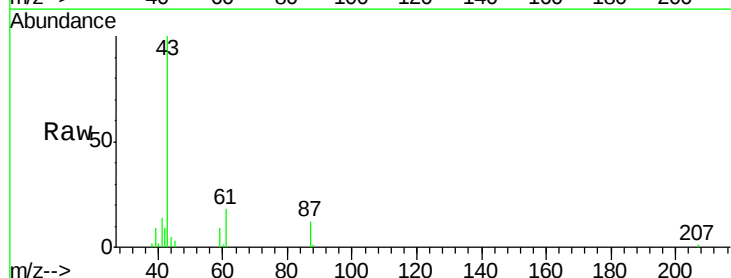
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640TB

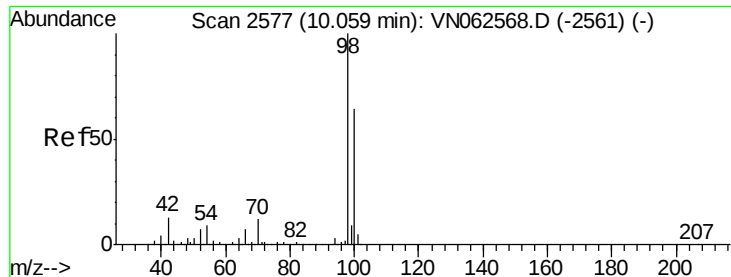
Tot Ion:113 Resp: 76926
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.7 124.1
 192 17.9 14.8 22.2



#43
 Isopropyl Acetate
 Concen: 11.918 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062677.D
 Acq: 31 Jul 2020 11:52

Tgt Ion: 43 Resp: 50305
 Ion Ratio Lower Upper
 43 100
 61 18.1 20.8 31.2#
 87 11.5 9.2 13.8





#50

Toluene-d8

Concen: 51.384 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062677.D

Acq: 31 Jul 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

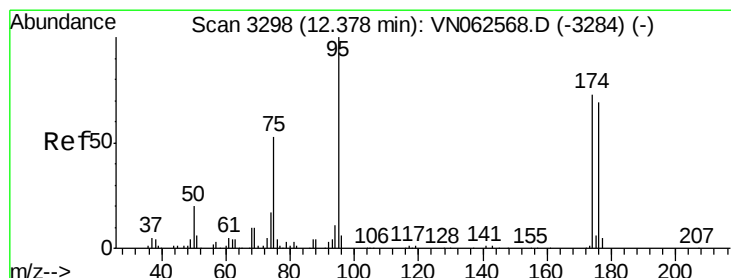
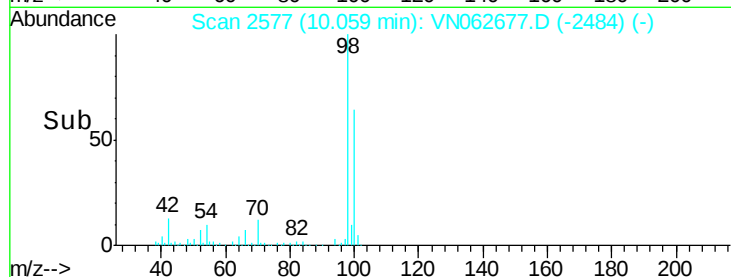
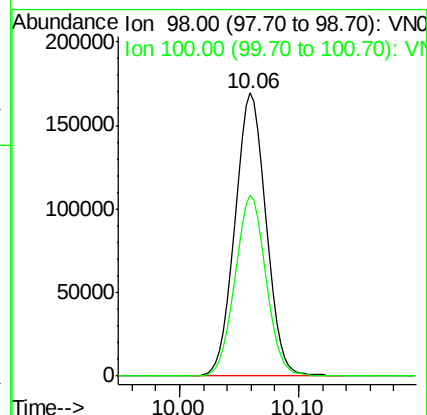
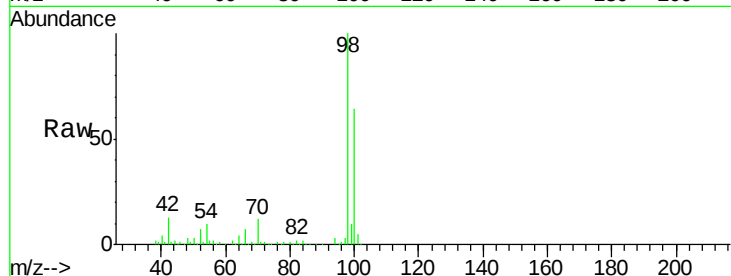
PB130640TB

Tot Ion: 98 Resp: 306880

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 51.450 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062677.D

Acq: 31 Jul 2020 11:52

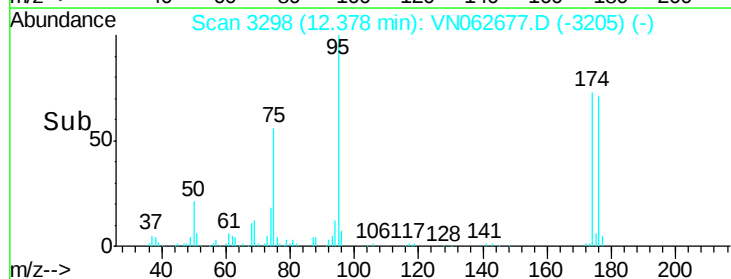
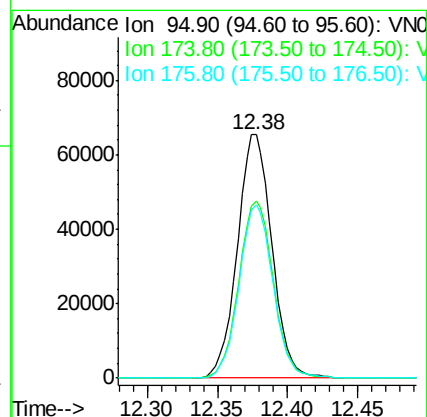
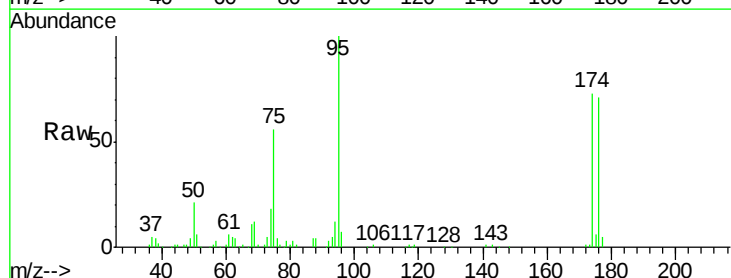
Tgt Ion: 95 Resp: 112352

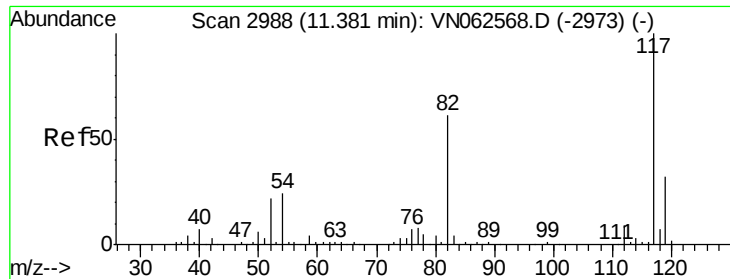
Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.6

176 70.2 0.0 139.4

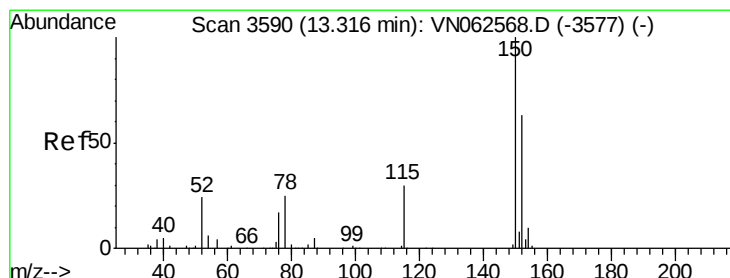
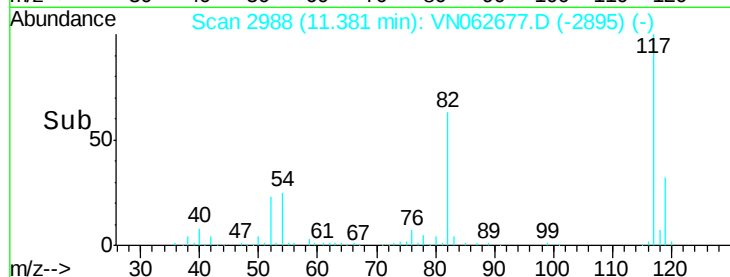
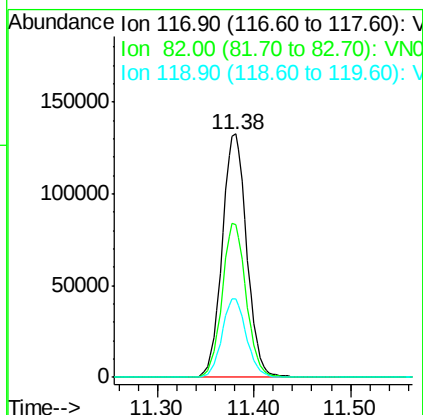
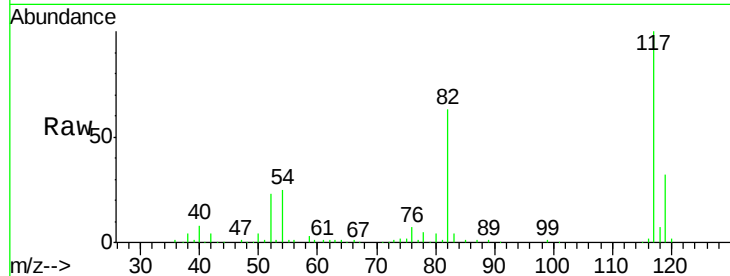




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062677.D
Acq: 31 Jul 2020 11:52

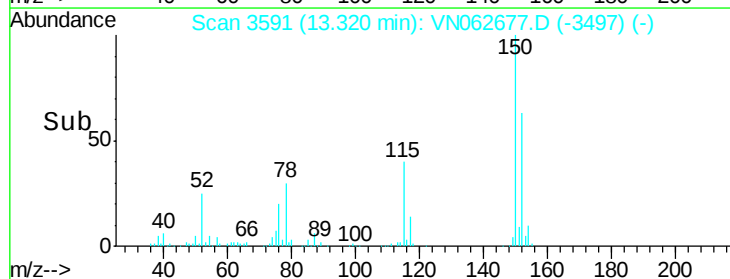
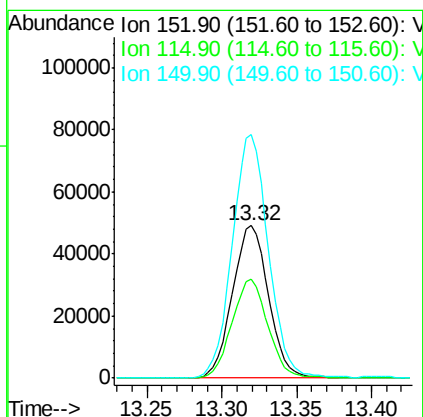
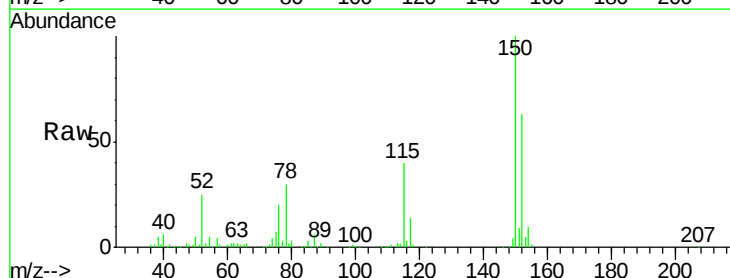
Instrument :
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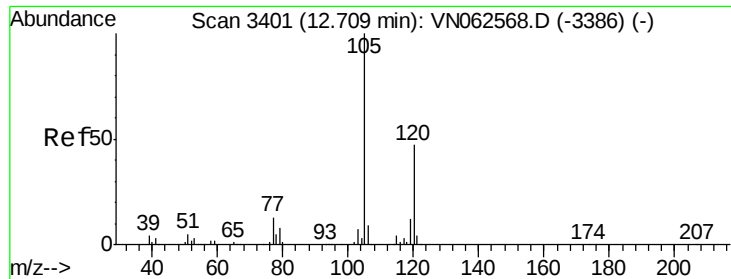
Tot Ion:117 Resp: 233659
Ion Ratio Lower Upper
117 100
82 62.8 49.0 73.6
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062677.D
Acq: 31 Jul 2020 11:52

Tgt Ion:152 Resp: 82548
Ion Ratio Lower Upper
152 100
115 64.7 31.8 95.4
150 160.2 0.0 351.4





#80

1,3,5-Trimethylbenzene

Concen: 1.049 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062677.D

Acq: 31 Jul 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

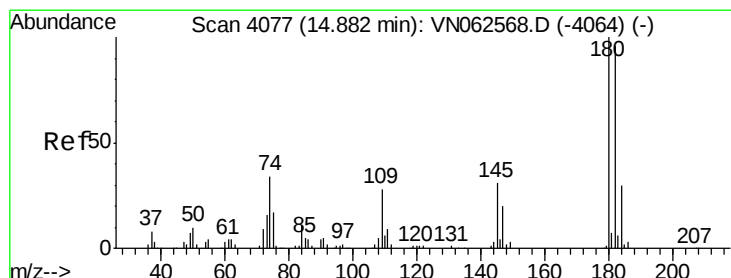
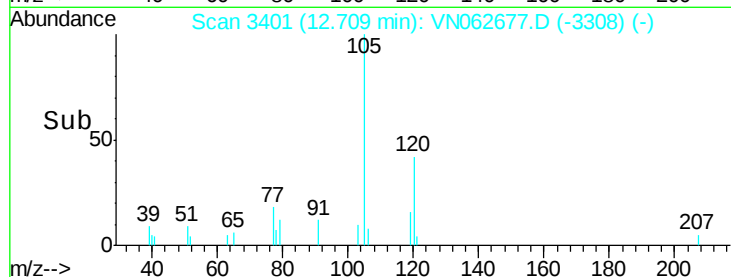
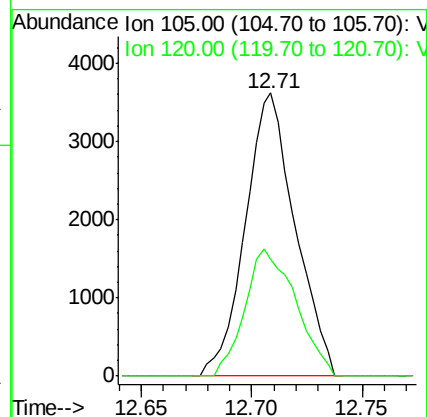
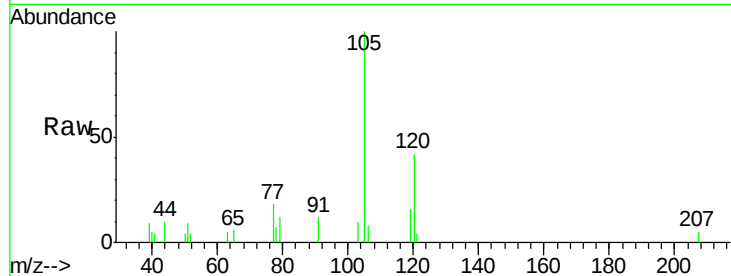
PB130640TB

Tot Ion:105 Resp: 5679

Ion Ratio Lower Upper

105 100

120 45.9 23.2 69.6



#93

1,2,4-Trichlorobenzene

Concen: 3.816 ug/l

RT: 14.89 min Scan# 4078

Delta R.T. 0.00 min

Lab File: VN062677.D

Acq: 31 Jul 2020 11:52

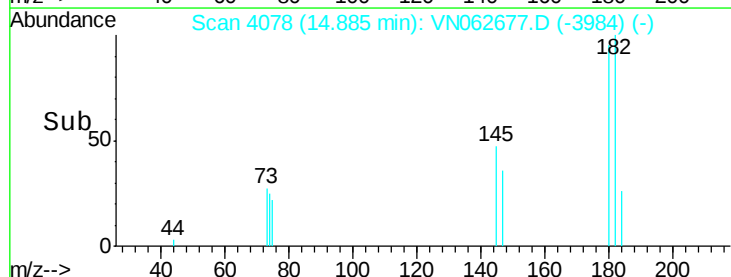
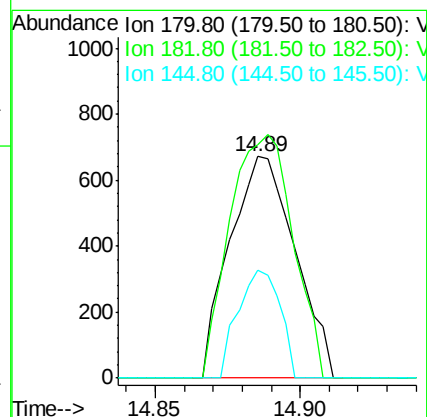
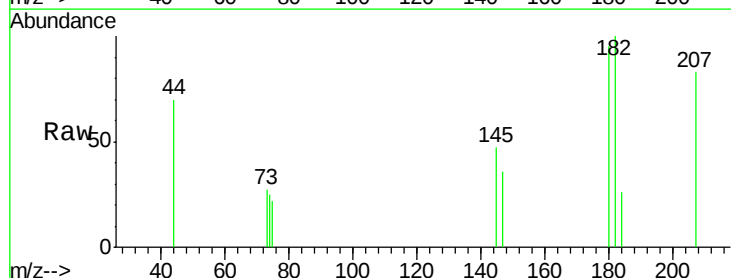
Tgt Ion:180 Resp: 1051

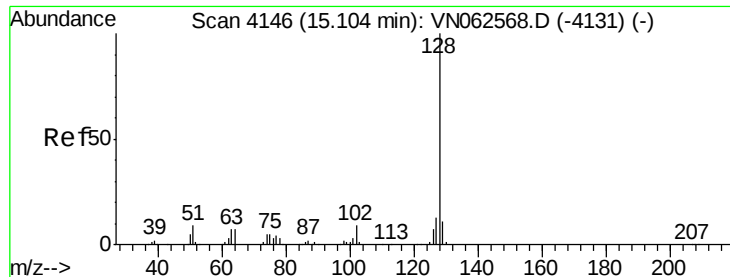
Ion Ratio Lower Upper

180 100

182 106.7 47.8 143.3

145 31.2 15.3 45.9





#95

Naphthalene

Concen: 4.888 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062677.D

Acq: 31 Jul 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

PB130640TB

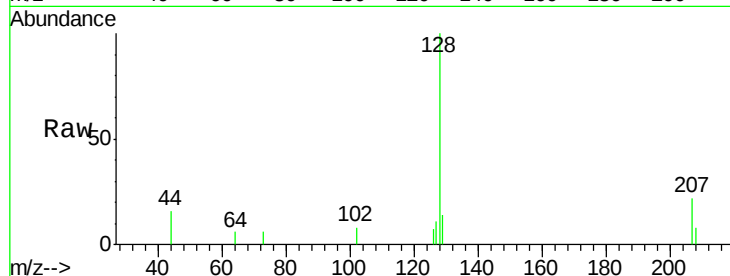
Tot Ion:128 Resp: 4472

Ion Ratio Lower Upper

128 100

127 8.0 10.4 15.6#

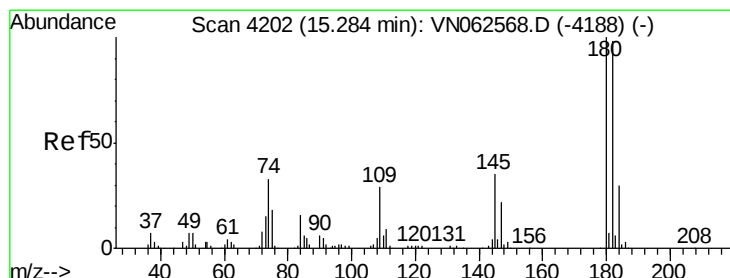
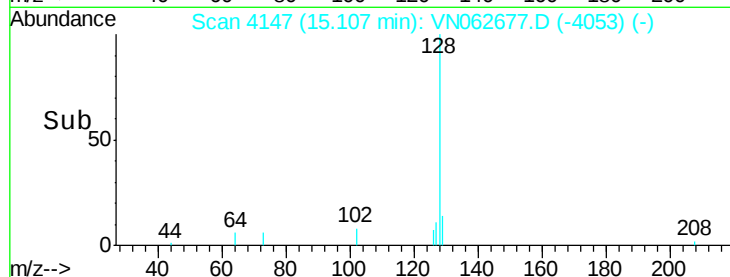
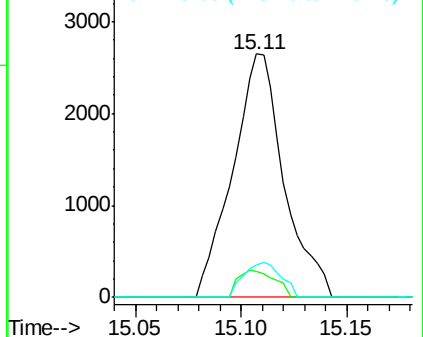
129 10.4 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 1.132 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062677.D

Acq: 31 Jul 2020 11:52

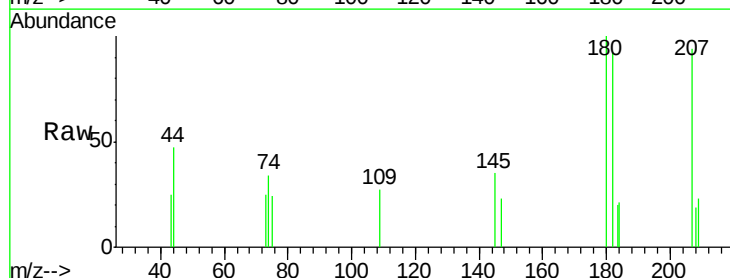
Tgt Ion:180 Resp: 1404

Ion Ratio Lower Upper

180 100

182 95.4 48.1 144.3

145 39.7 16.7 50.1



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

