

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062076.D
 Acq On : 24 Jun 2020 20:37
 Operator : JC/MD
 Sample : L3063-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-14

Quant Time: Jun 25 05:25:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	430031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168427	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	167468	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
35) Dibromofluoromethane	7.55	113	139391	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	10.06	98	558687	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.38	95	188850	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	

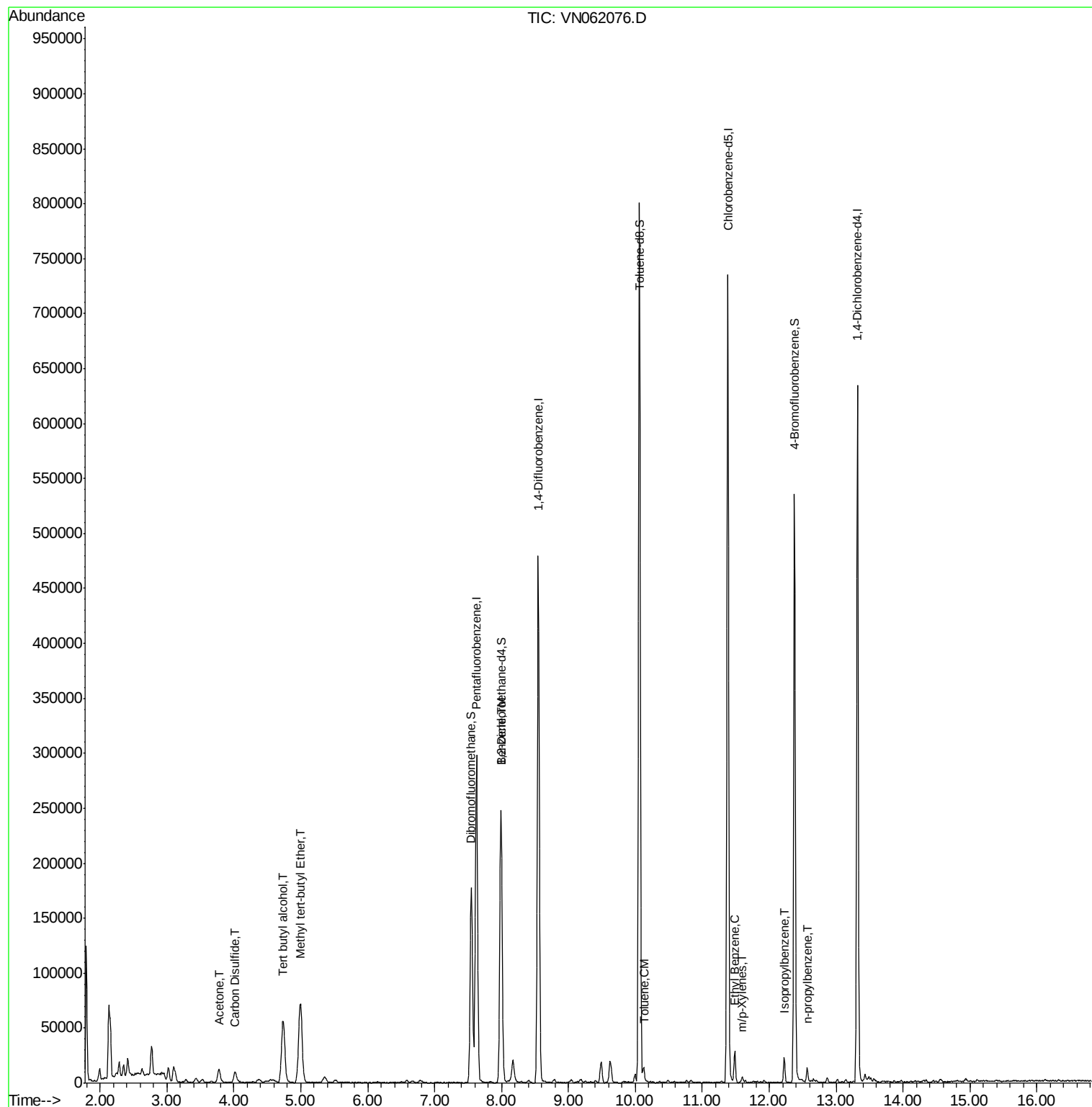
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	108451	224.746	ug/l #	84
16) Acetone	3.78	43	19503	14.674	ug/l	94
17) Carbon Disulfide	4.00	76	9707	1.282	ug/l #	88
19) Methyl tert-butyl Ether	5.00	73	128434	14.616	ug/l	92
40) Benzene	8.00	78	80896	5.904	ug/l	99
52) Toluene	10.13	92	4727	0.565	ug/l	90
67) Ethyl Benzene	11.48	91	21488	1.347	ug/l	98
68) m/p-Xylenes	11.59	106	2130	0.345	ug/l	93
73) Isopropylbenzene	12.22	105	15337	1.176	ug/l	99
78) n-propylbenzene	12.57	91	10353	0.694	ug/l	96

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

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Data File : VN062076.D
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Quant Time: Jun 25 05:25:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062076.D

Acq: 24 Jun 2020 20:37

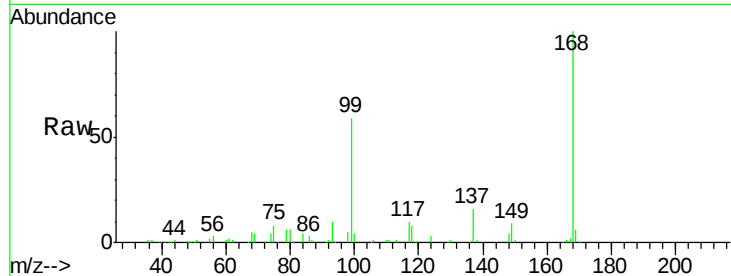
Instrument :
MSVOA_N
ClientSampleId :
TW-14

Tot Ion:168 Resp: 239493

Ion Ratio Lower Upper

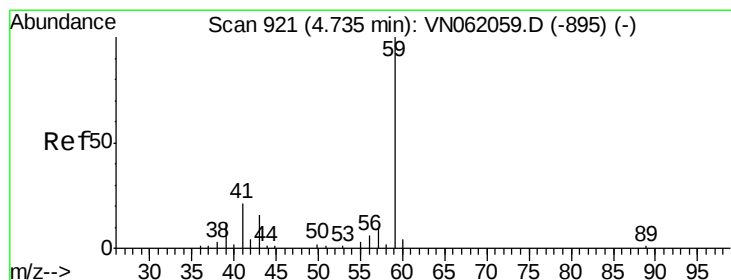
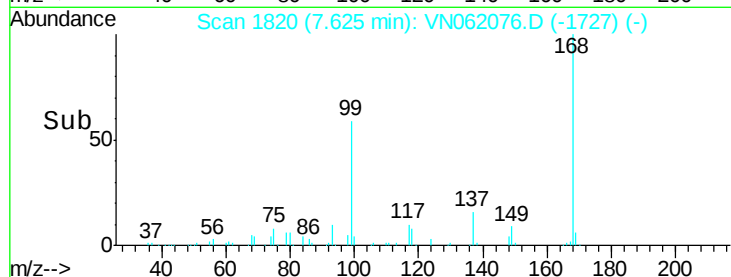
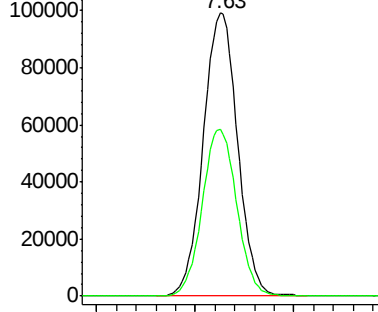
168 100

99 58.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 224.746 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN062076.D

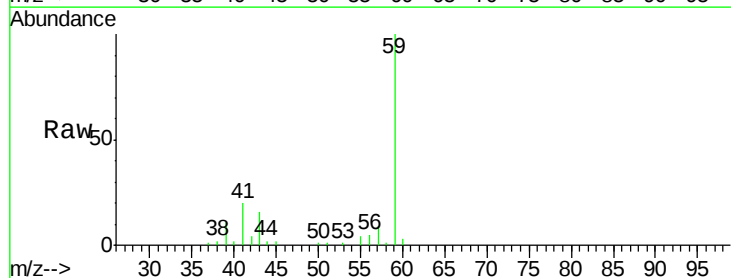
Acq: 24 Jun 2020 20:37

Tgt Ion: 59 Resp: 108451

Ion Ratio Lower Upper

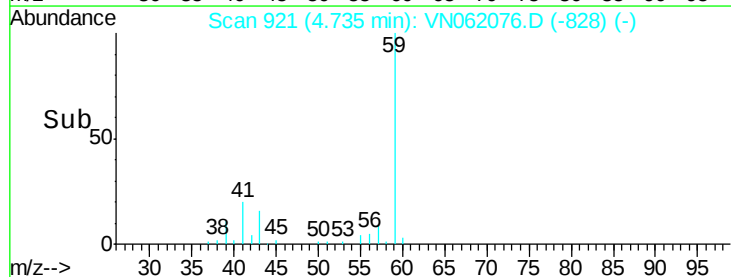
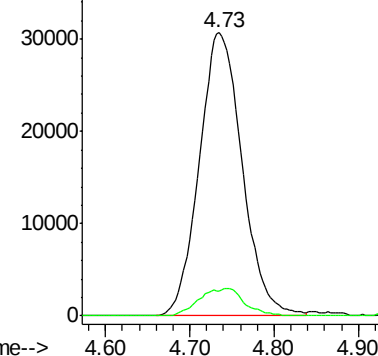
59 100

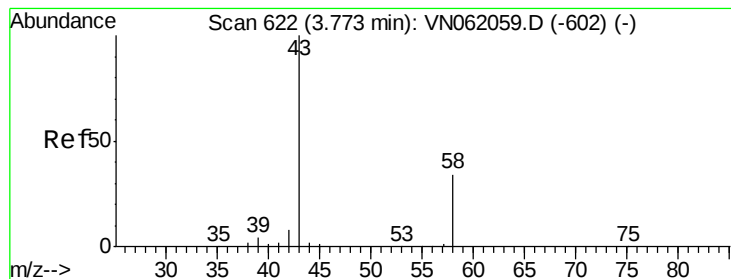
57 4.3 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 14.674 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062076.D

Acq: 24 Jun 2020 20:37

Instrument :

MSVOA_N

ClientSampled :

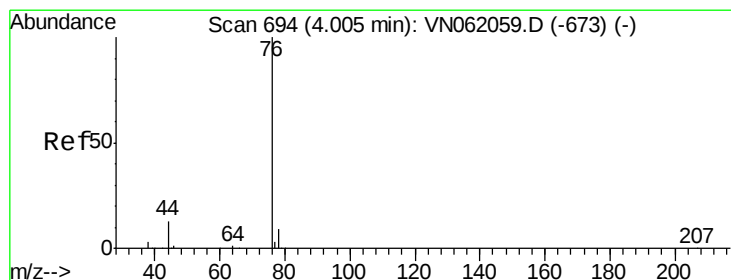
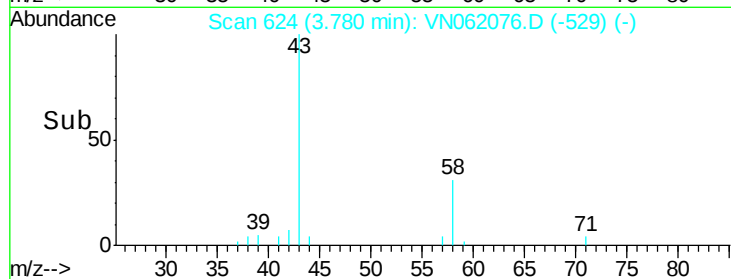
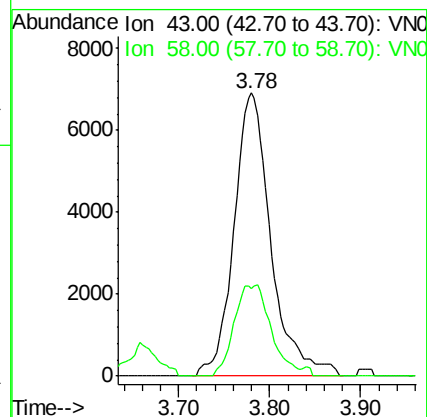
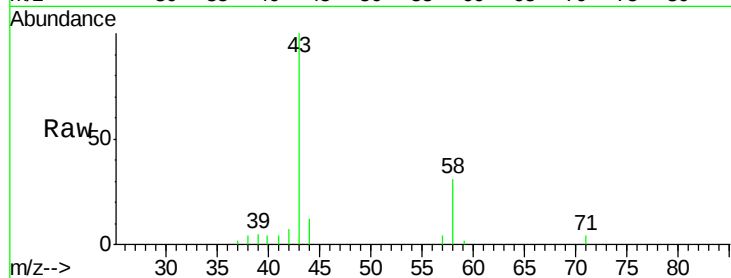
TW-14

Tot Ion: 43 Resp: 19503

Ion Ratio Lower Upper

43 100

58 31.1 27.5 41.3



#17

Carbon Disulfide

Concen: 1.282 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062076.D

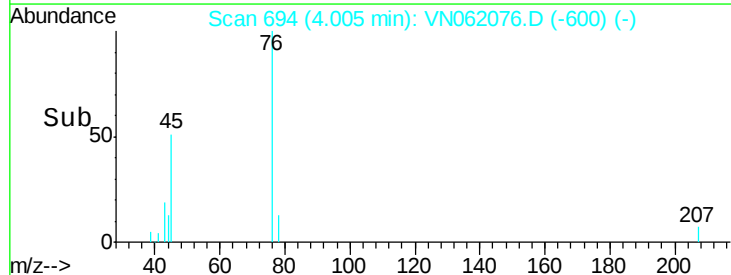
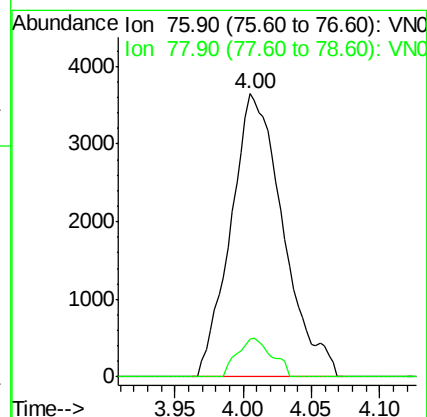
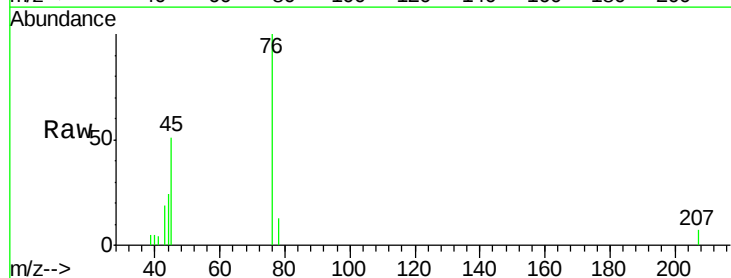
Acq: 24 Jun 2020 20:37

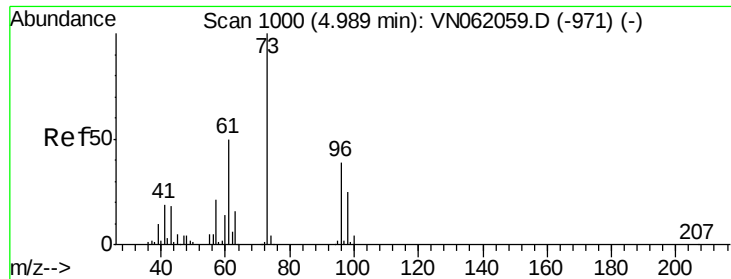
Tgt Ion: 76 Resp: 9707

Ion Ratio Lower Upper

76 100

78 13.3 7.2 10.8#

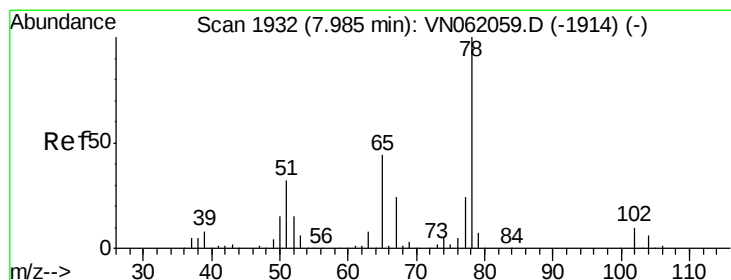
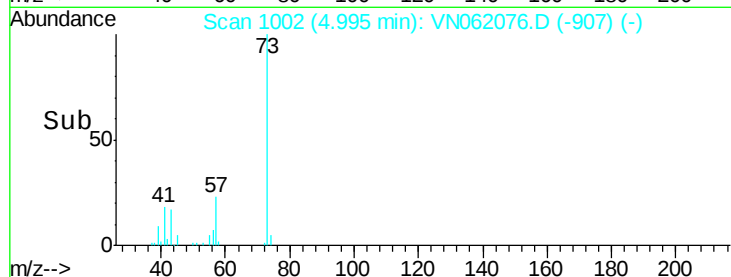
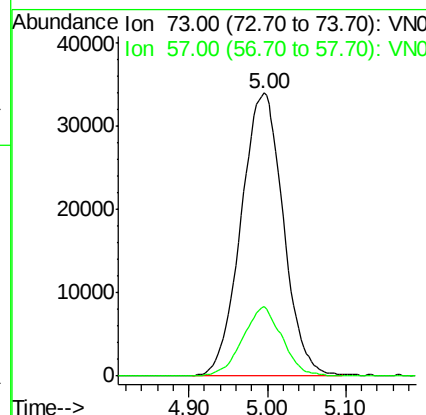
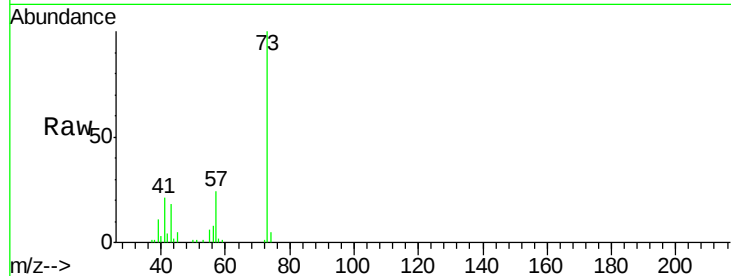




#19
Methvl tert-butvl Ether
Concen: 14.616 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062076.D
Acq: 24 Jun 2020 20:37

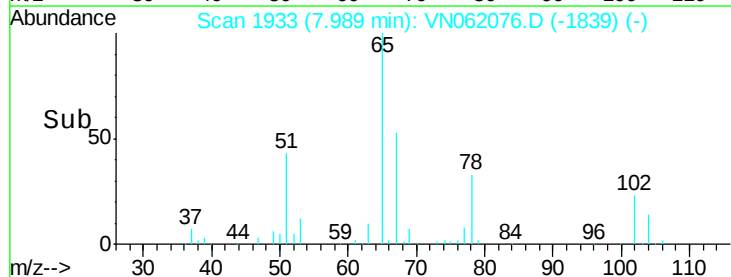
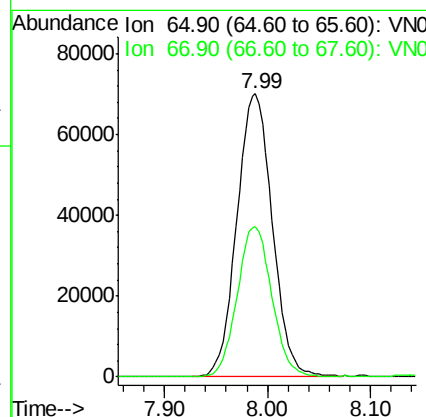
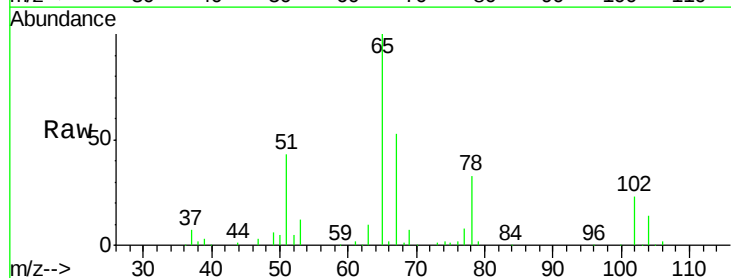
Instrument :
MSVOA_N
ClientSampleId :
TW-14

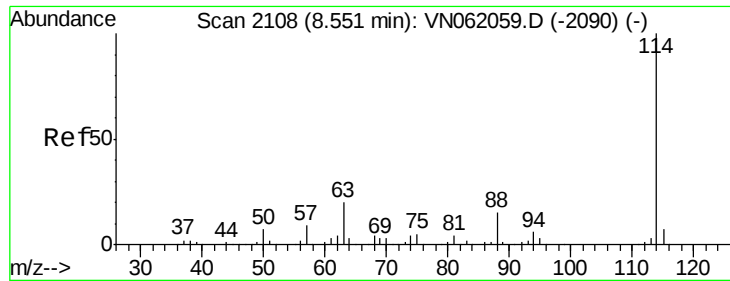
Tot Ion: 73 Resp: 128434
Ion Ratio Lower Upper
73 100
57 24.4 16.6 24.8



#33
1,2-Dichloroethane-d4
Concen: 49.828 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062076.D
Acq: 24 Jun 2020 20:37

Tgt Ion: 65 Resp: 167468
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2

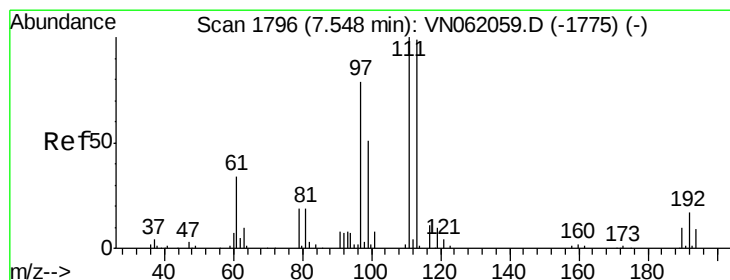
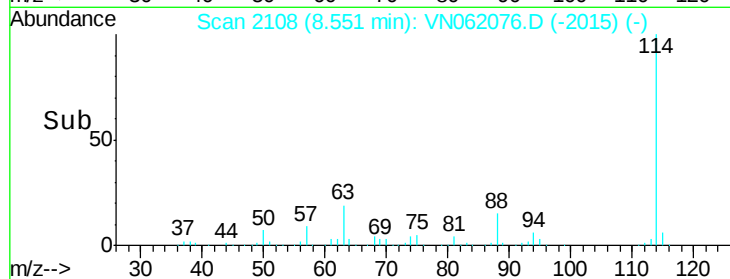
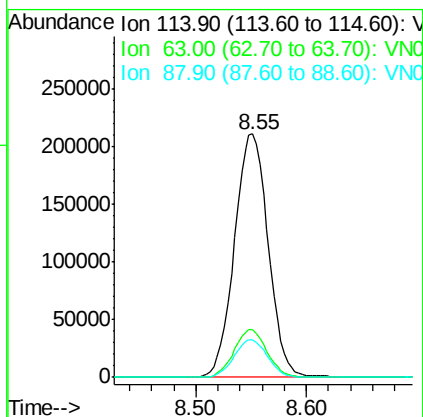
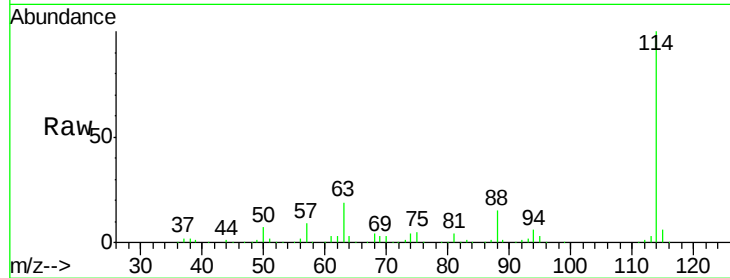




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062076.D
 Acq: 24 Jun 2020 20:37

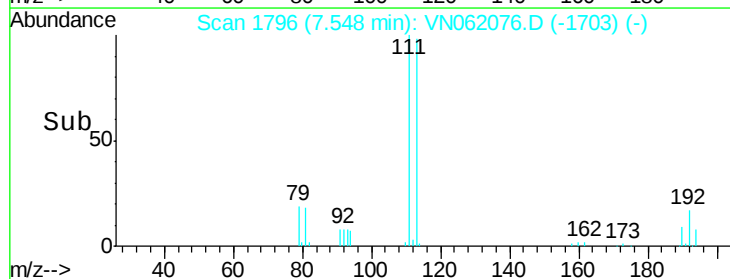
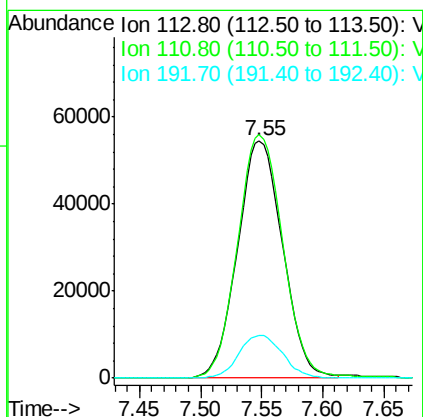
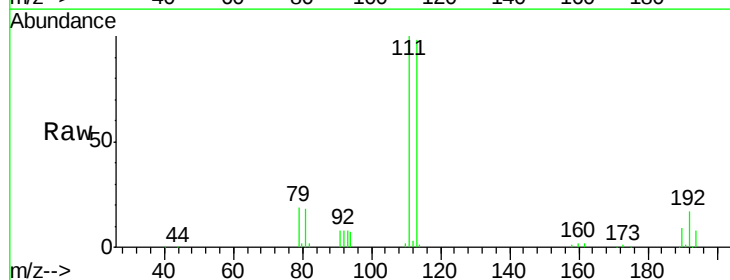
Instrument :
 MSVOA_N
 ClientSampled :
 TW-14

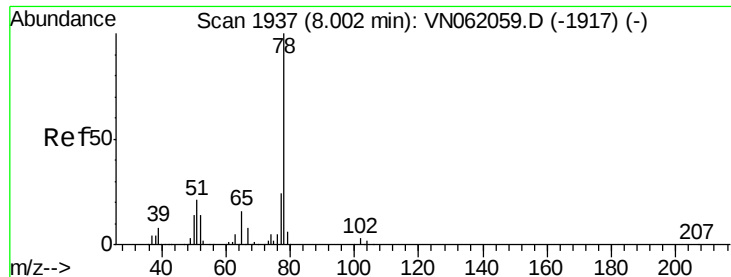
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.4	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 48.579 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062076.D
 Acq: 24 Jun 2020 20:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	17.5	14.0	21.0





#40

Benzene

Concen: 5.904 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN062076.D

Acq: 24 Jun 2020 20:37

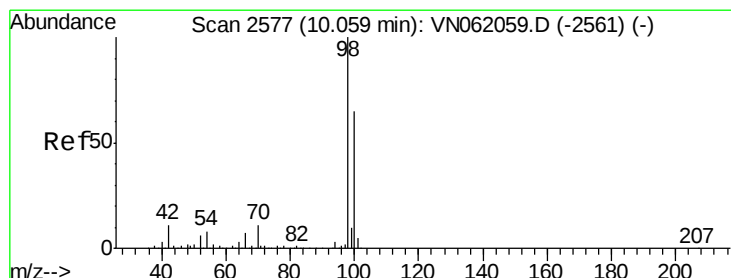
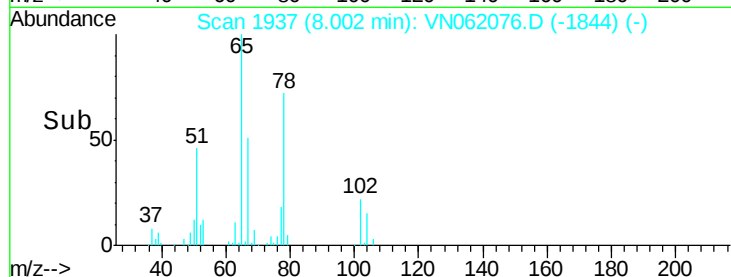
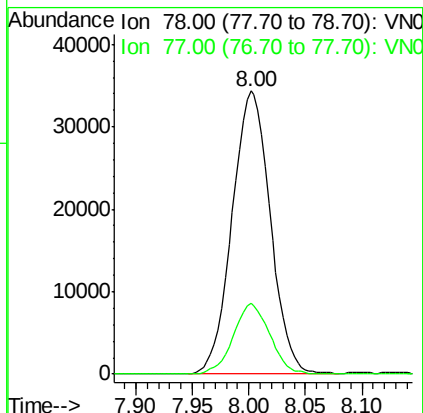
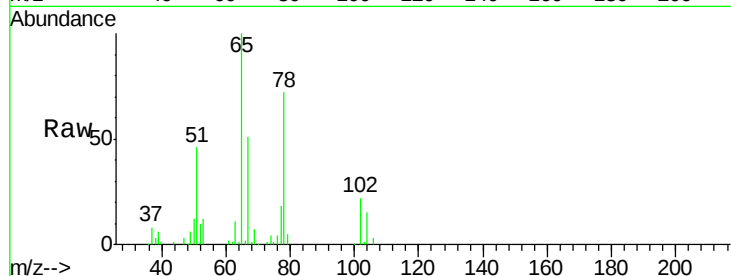
Instrument :
MSVOA_N
ClientSampleId :
TW-14

Tot Ion: 78 Resp: 80896

Ion Ratio Lower Upper

78 100

77 25.1 19.5 29.3



#50

Toluene-d8

Concen: 48.709 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062076.D

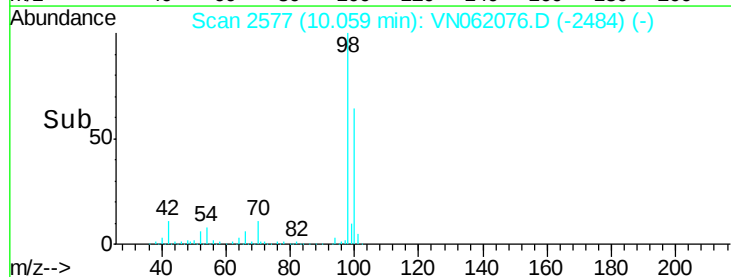
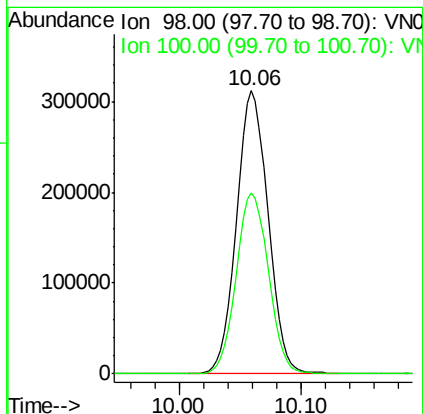
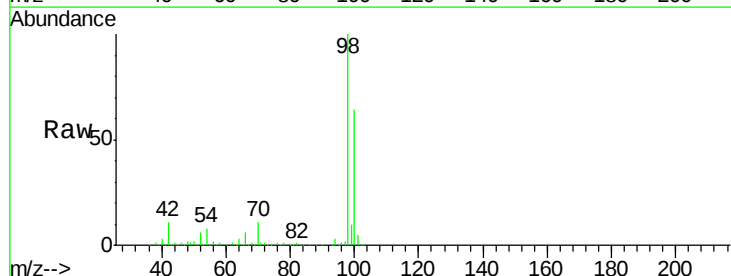
Acq: 24 Jun 2020 20:37

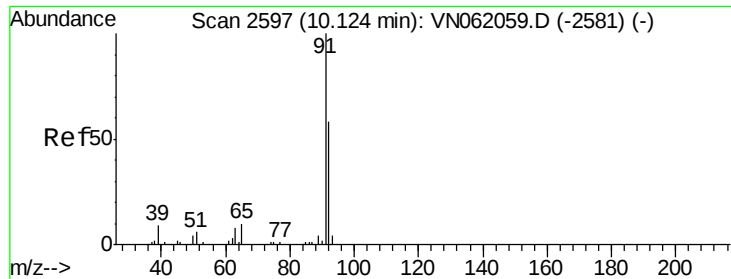
Tgt Ion: 98 Resp: 558687

Ion Ratio Lower Upper

98 100

100 65.5 51.2 76.8





#52

Toluene

Concen: 0.565 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062076.D

Acq: 24 Jun 2020 20:37

Instrument :

MSVOA_N

ClientSampled :

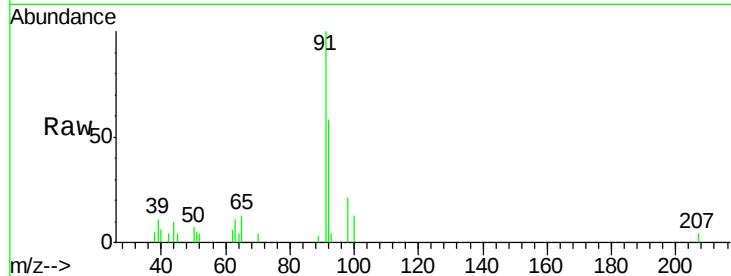
TW-14

Tot Ion: 92 Resp: 4727

Ion Ratio Lower Upper

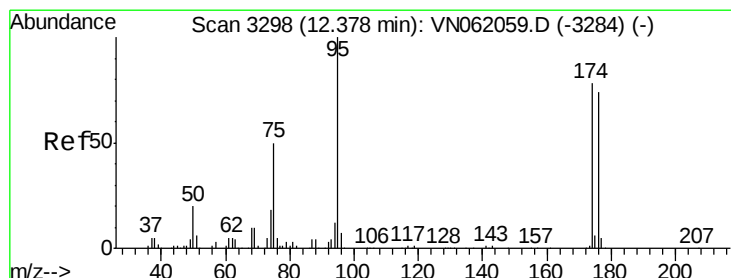
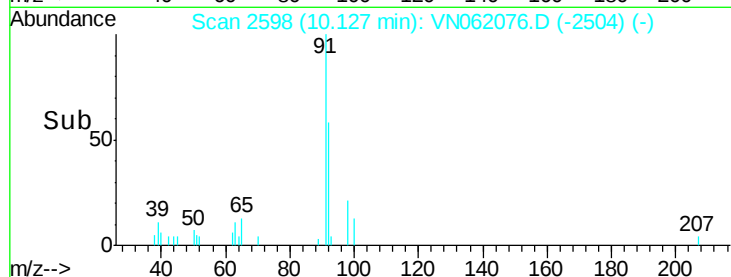
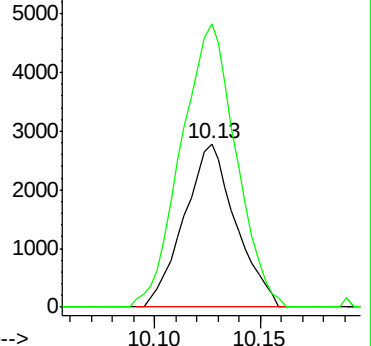
92 100

91 184.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062076.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062076.D (-2504) (-)



#62

4-Bromofluorobenzene

Concen: 48.733 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062076.D

Acq: 24 Jun 2020 20:37

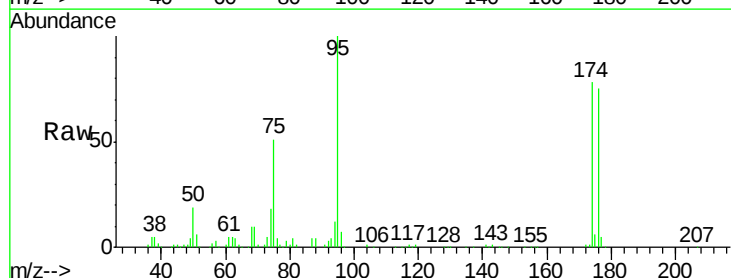
Tgt Ion: 95 Resp: 188850

Ion Ratio Lower Upper

95 100

174 77.7 0.0 154.8

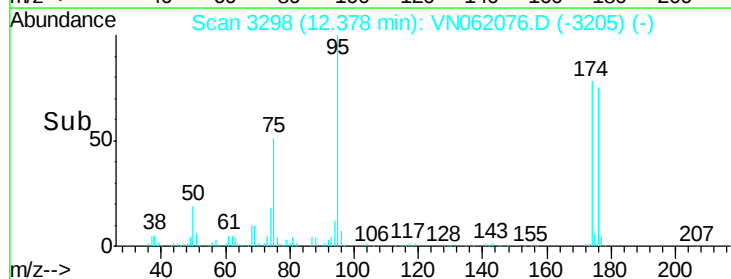
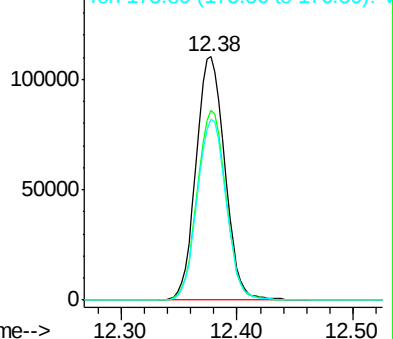
176 74.6 0.0 147.4

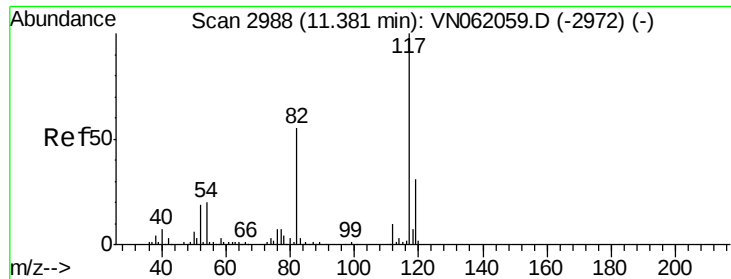


Abundance Ion 94.90 (94.60 to 95.60): VN062076.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062076.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062076.D (-3205) (-)

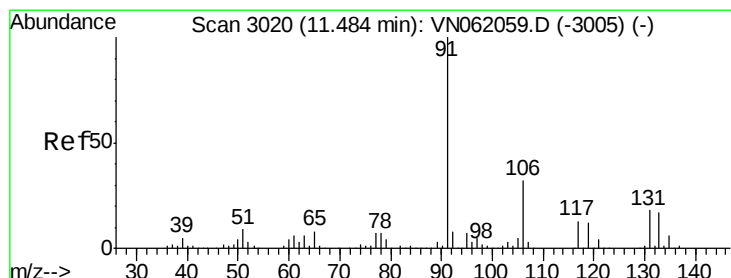
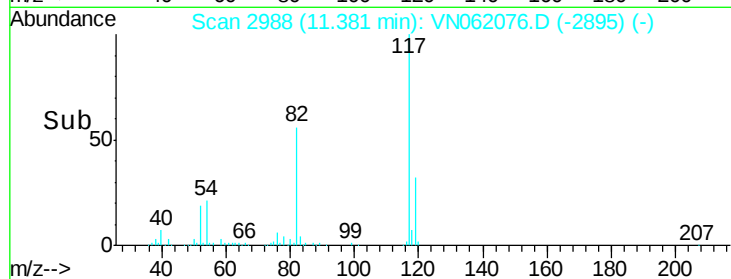
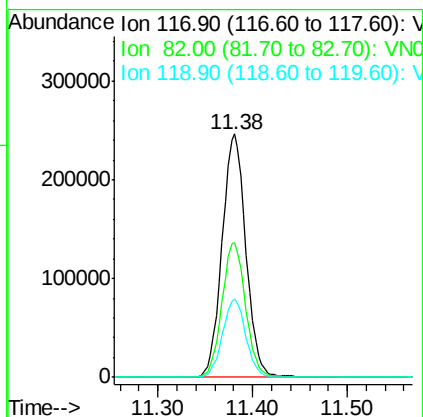
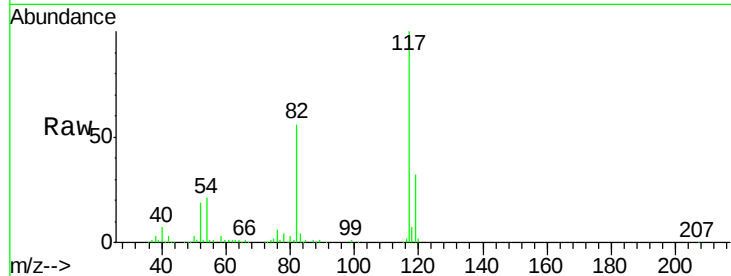




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062076.D
Acq: 24 Jun 2020 20:37

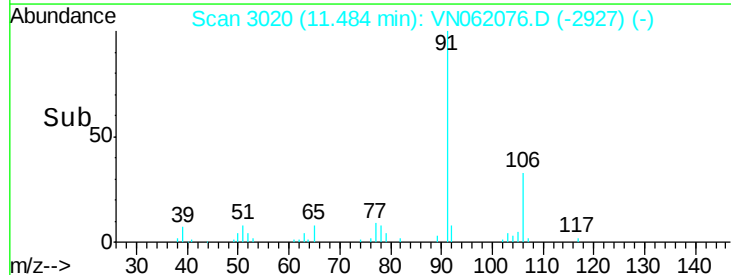
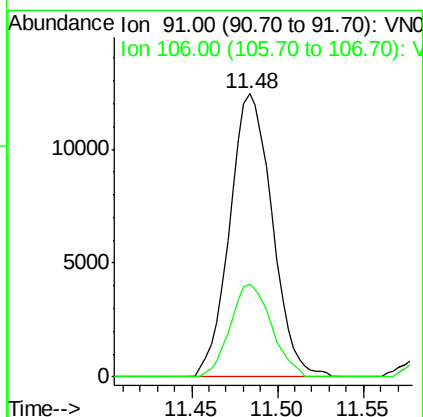
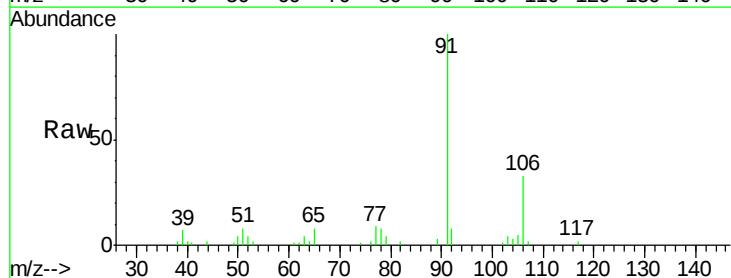
Instrument :
MSVOA_N
ClientSampleId :
TW-14

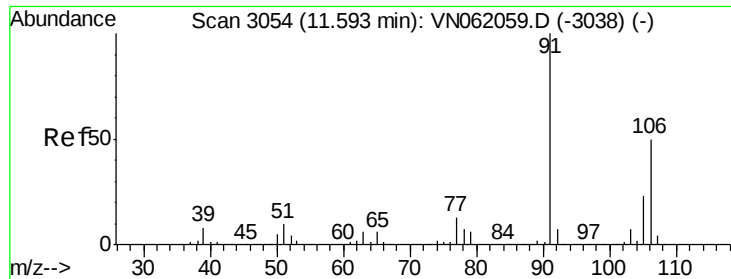
Tot Ion:117 Resp: 430031
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.1 25.2 37.8



#67
Ethyl Benzene
Concen: 1.347 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062076.D
Acq: 24 Jun 2020 20:37

Tgt Ion: 91 Resp: 21488
Ion Ratio Lower Upper
91 100
106 32.9 25.3 37.9

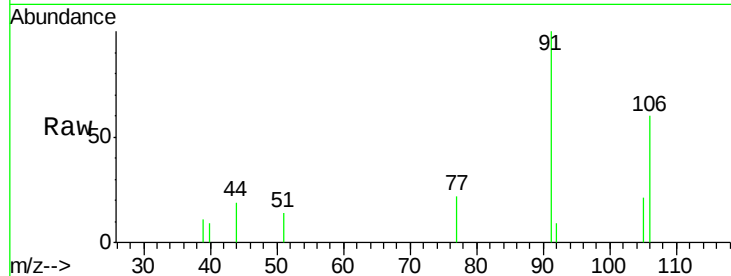




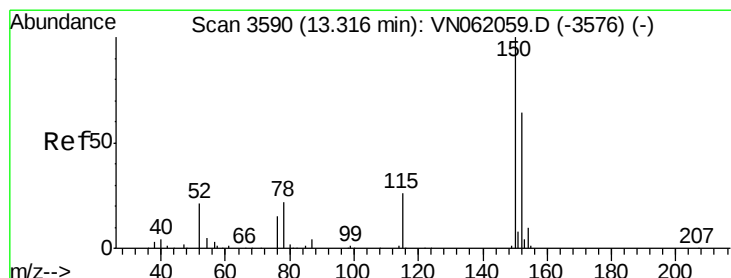
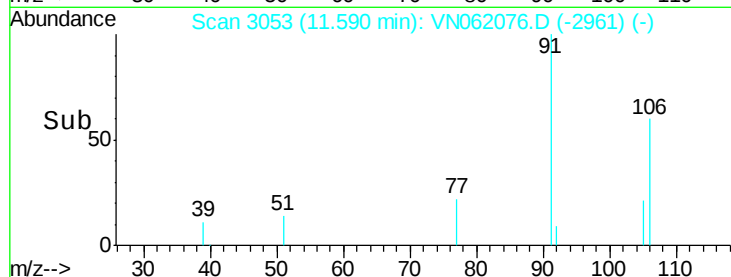
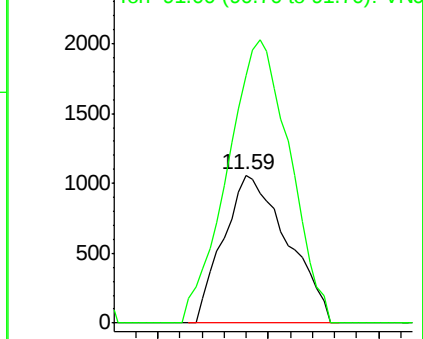
#68
m/p-Xvlenes
Concen: 0.345 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN062076.D
Acq: 24 Jun 2020 20:37

Instrument :
MSVOA_N
ClientSampled :
TW-14

Tot Ion:106 Resp: 2130
Ion Ratio Lower Upper
106 100
91 187.4 157.8 236.8

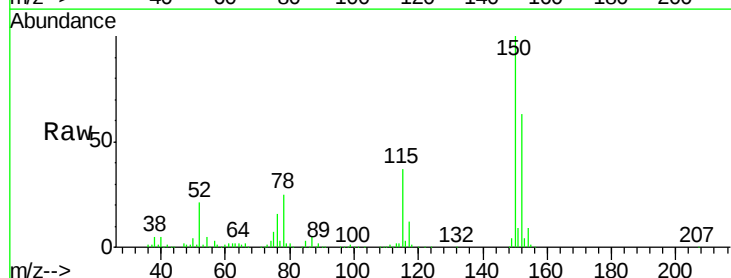


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

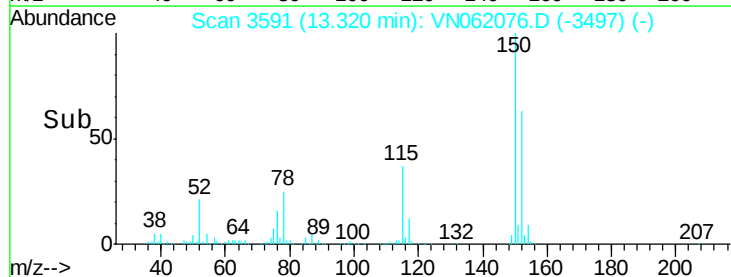
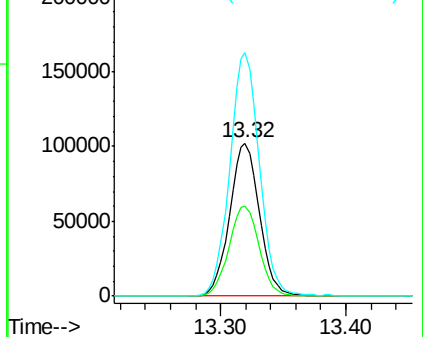


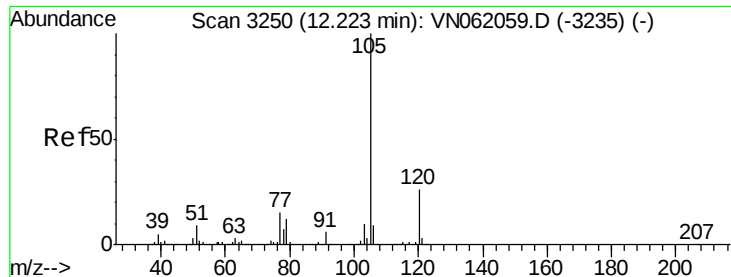
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062076.D
Acq: 24 Jun 2020 20:37

Tgt Ion:152 Resp: 168427
Ion Ratio Lower Upper
152 100
115 60.1 29.5 88.5
150 157.8 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





#73

Isopropylbenzene

Concen: 1.176 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062076.D

Acq: 24 Jun 2020 20:37

Instrument :

MSVOA_N

ClientSampled :

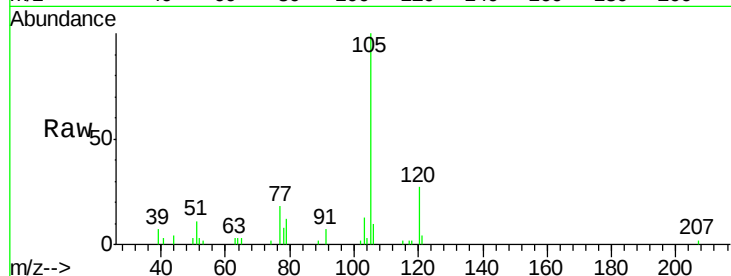
TW-14

Tot Ion:105 Resp: 15337

Ion Ratio Lower Upper

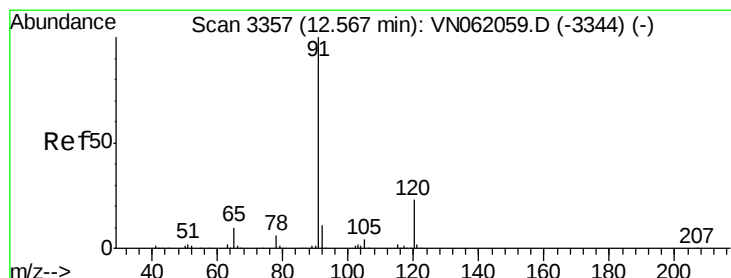
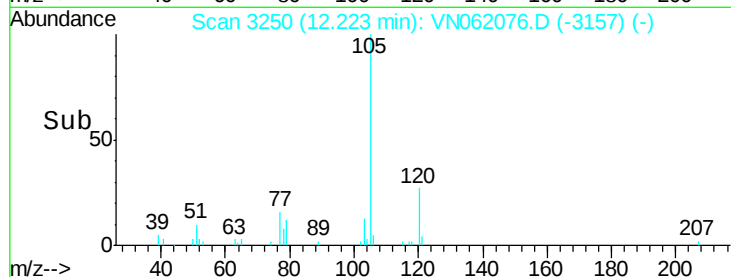
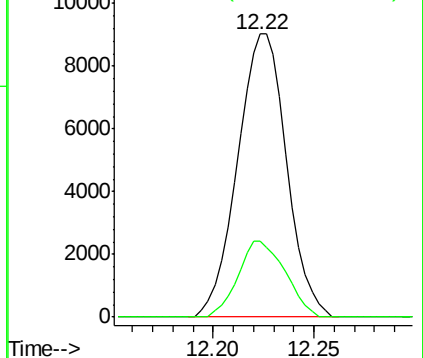
105 100

120 25.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.694 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062076.D

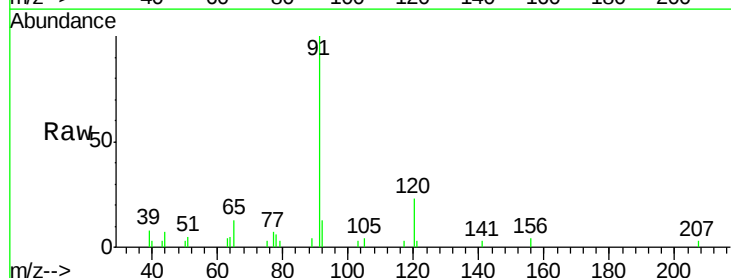
Acq: 24 Jun 2020 20:37

Tgt Ion: 91 Resp: 10353

Ion Ratio Lower Upper

91 100

120 20.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

