

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014893.D
 Acq On : 10 Feb 2020 17:16
 Operator : JC/SP
 Sample : L1431-04
 Misc : 5.31g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 350

Quant Time: Feb 11 07:19:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

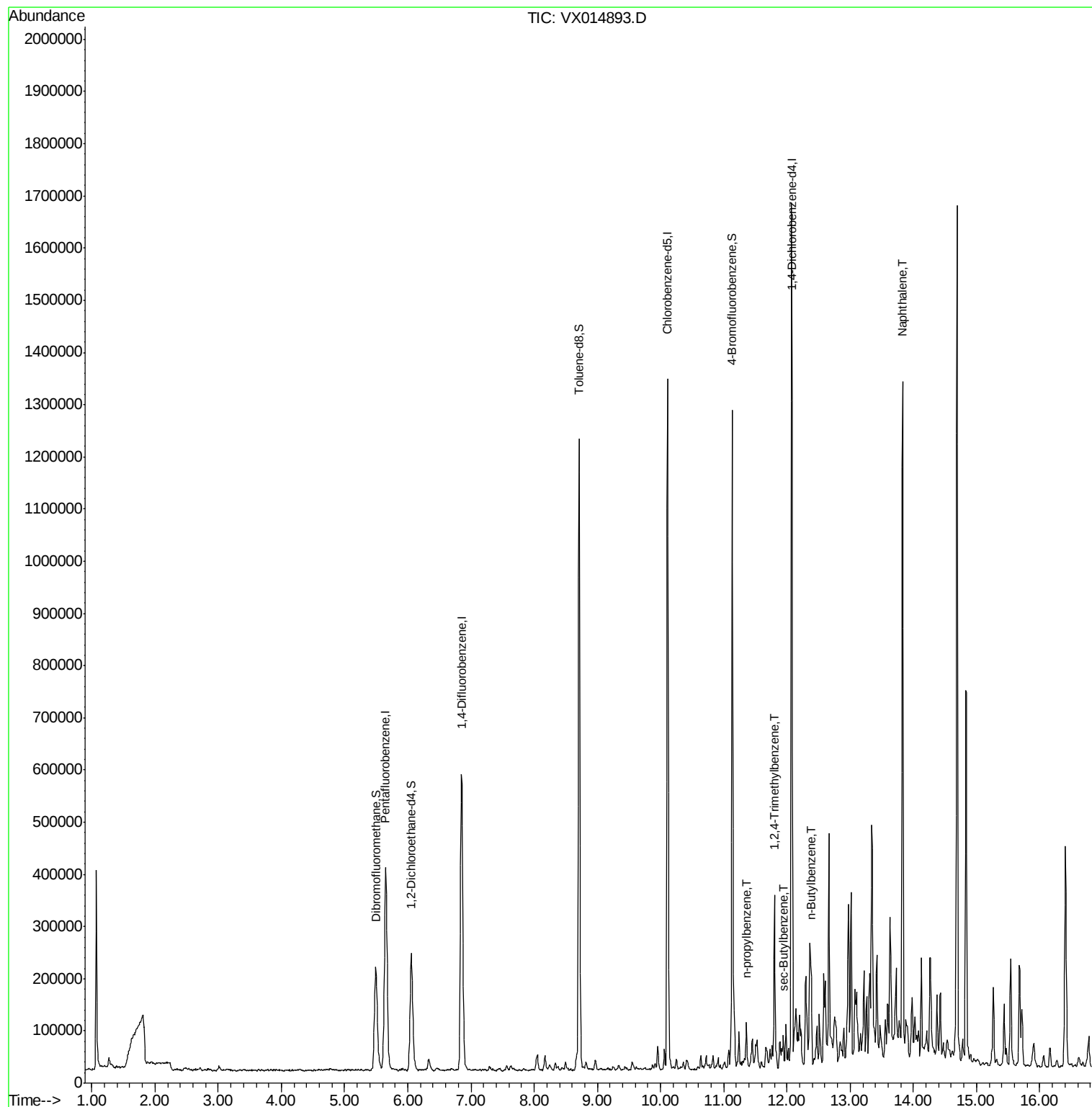
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	431410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	657116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	623633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	238909	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.49	113	194220	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.71	98	784664	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.14	95	300386	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
Target Compounds						
78) n-propylbenzene	11.35	91	46740	1.846	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	124337	6.744	ug/l	99
85) sec-Butylbenzene	11.94	105	22307	1.037	ug/l	99
89) n-Butylbenzene	12.38	91	77131	4.276	ug/l #	68
95) Naphthalene	13.83	128	785219	37.217	ug/l	100

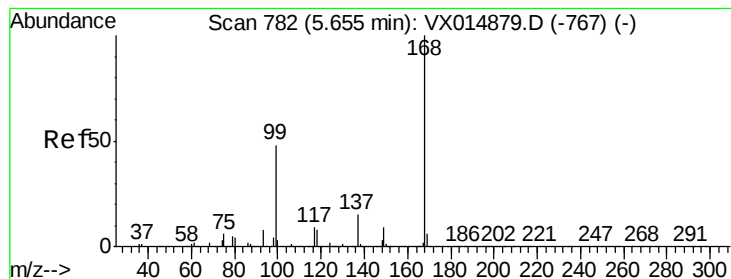
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

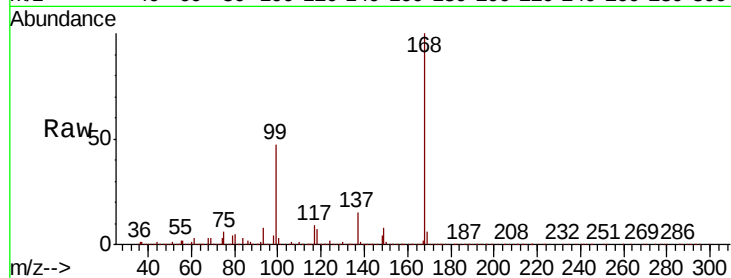
350

Tot Ion:168 Resp: 431410

Ion Ratio Lower Upper

168 100

99 46.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

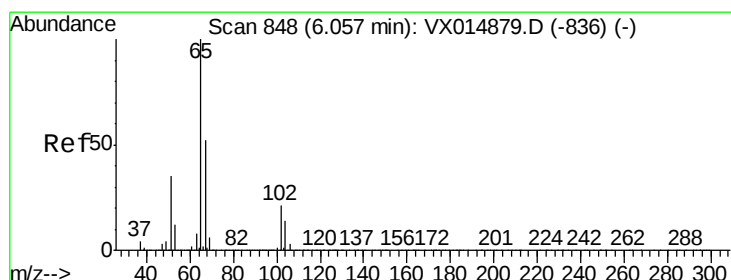
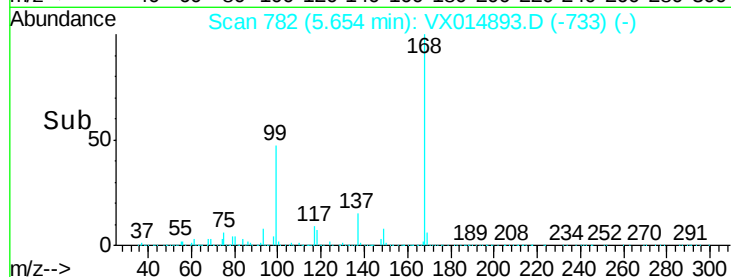
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.069 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014893.D

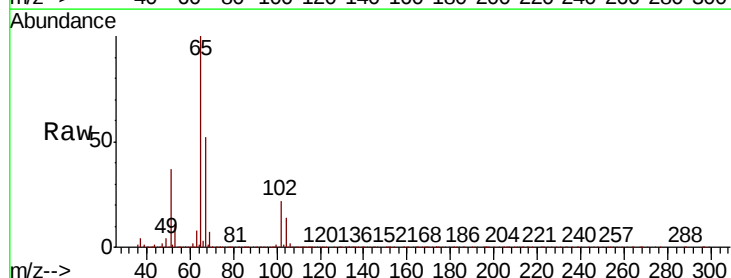
Acq: 10 Feb 2020 17:16

Tgt Ion: 65 Resp: 238909

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

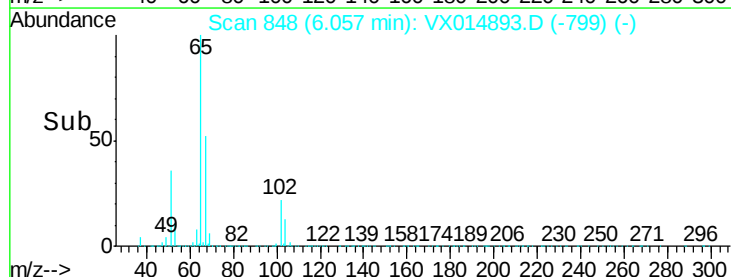
60000

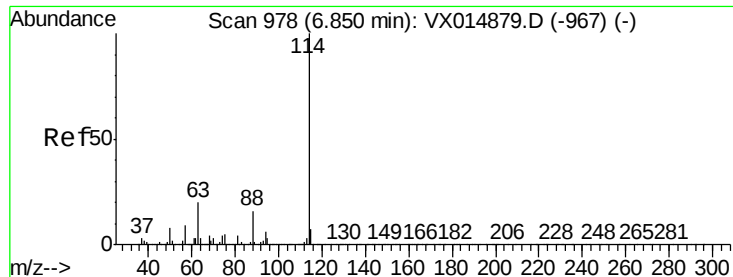
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

350

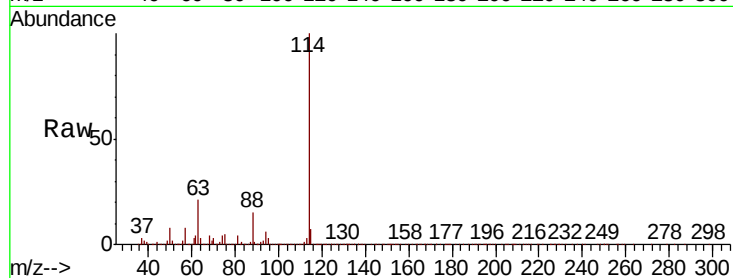
Tot Ion:114 Resp: 657116

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 15.3 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

300000

200000

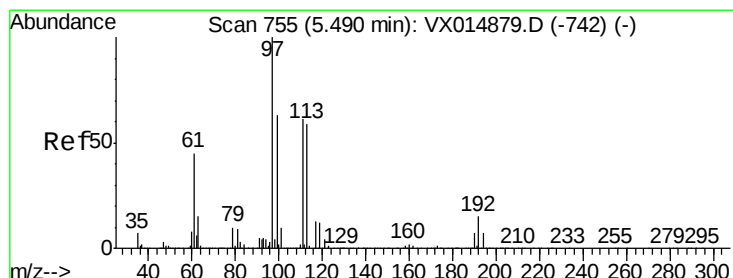
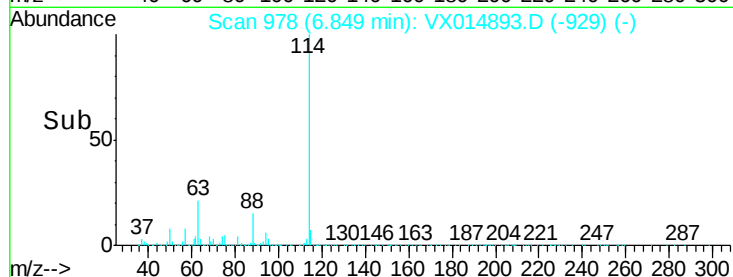
100000

0

6.85

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 48.077 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

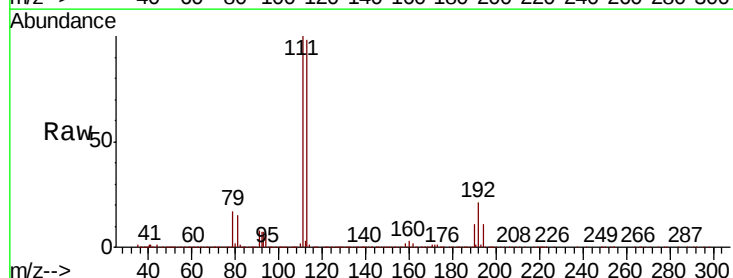
Tgt Ion:113 Resp: 194220

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 24.4 19.1 28.7



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

80000

60000

40000

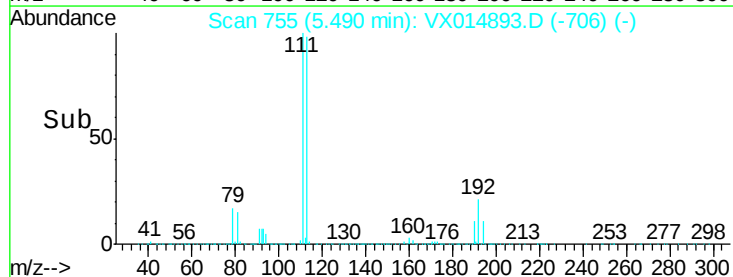
20000

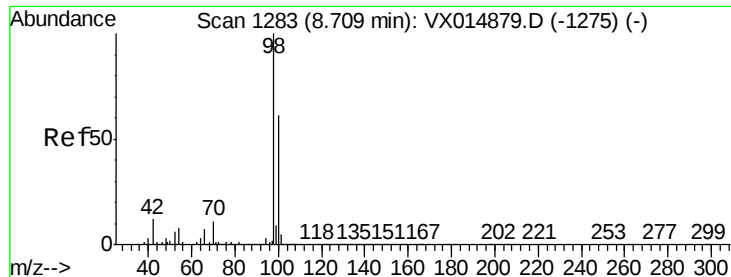
0

5.49

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 50.885 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

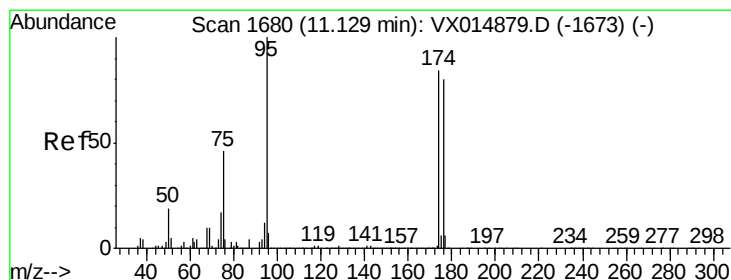
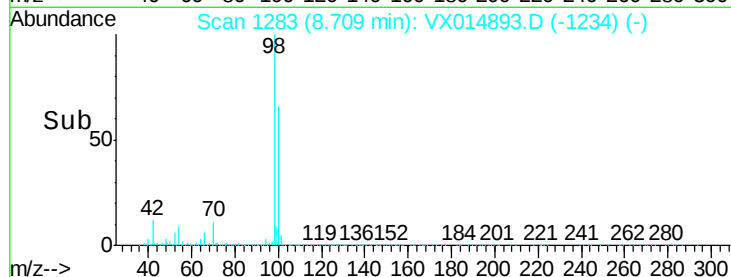
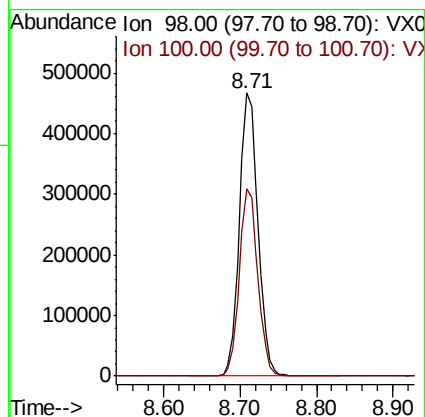
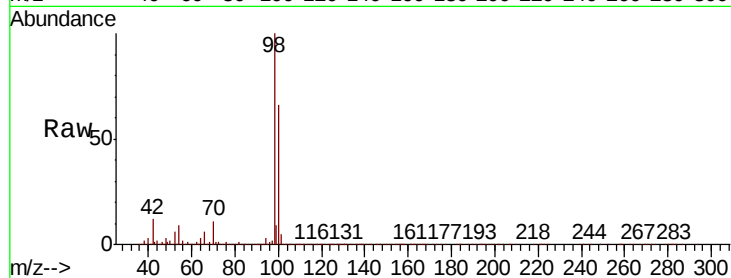
350

Tot Ion: 98 Resp: 784664

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 54.076 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

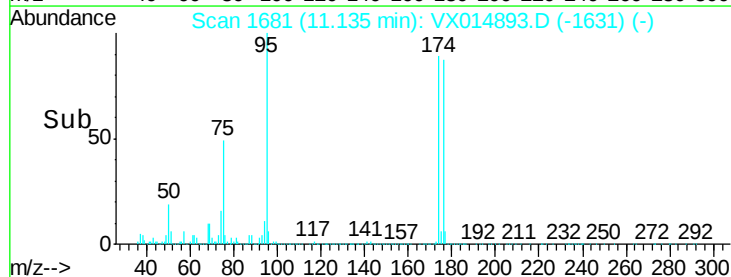
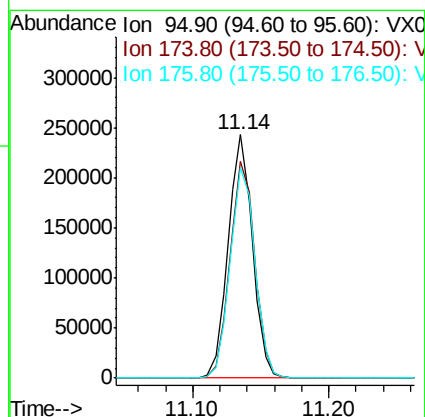
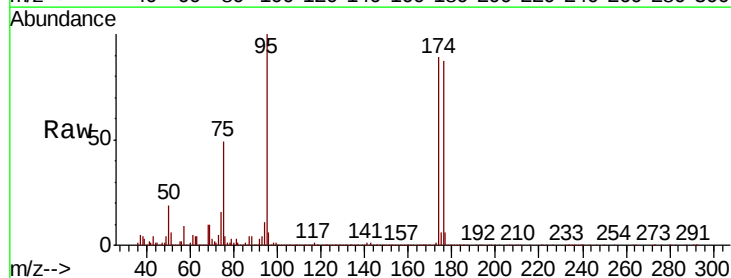
Tgt Ion: 95 Resp: 300386

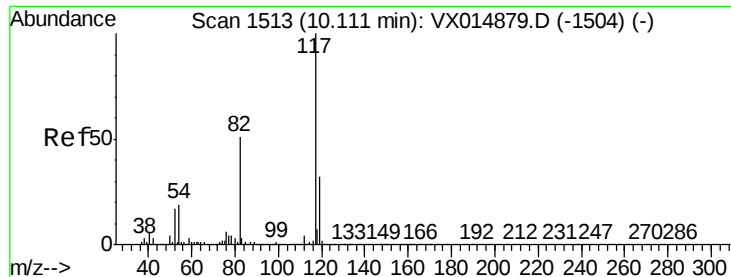
Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.0

176 89.1 0.0 178.0

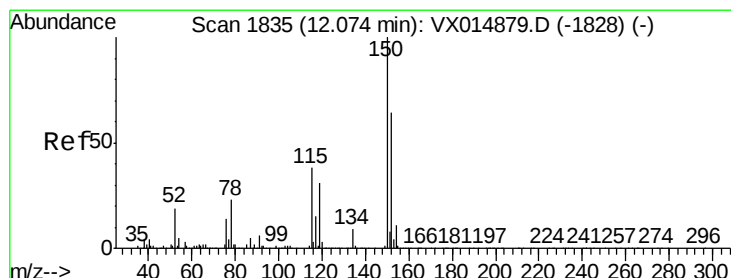
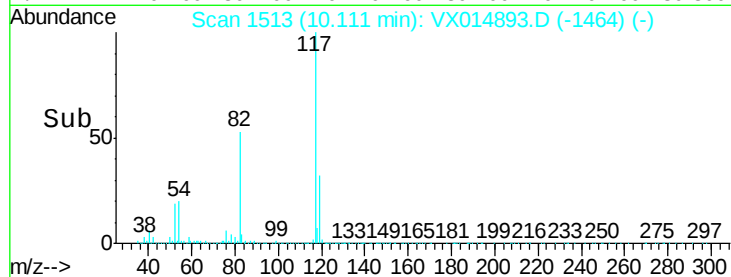
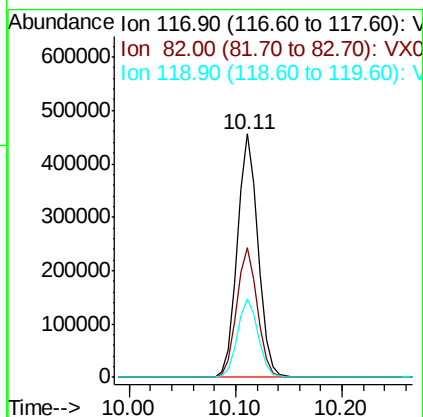
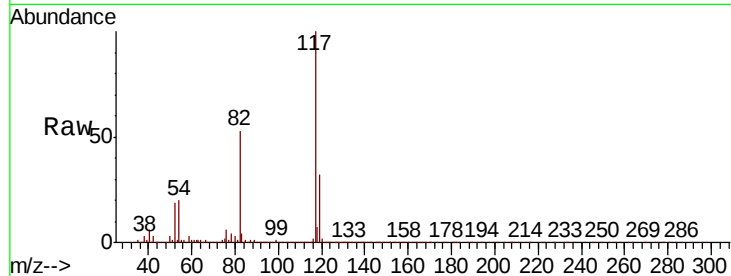




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

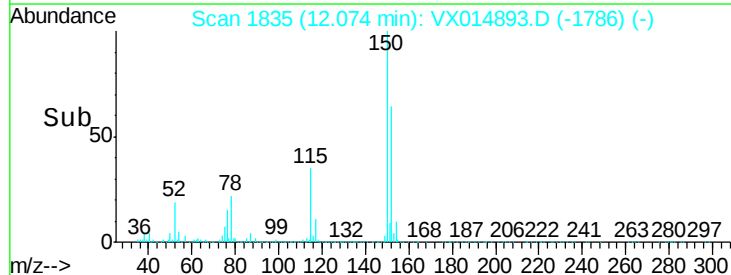
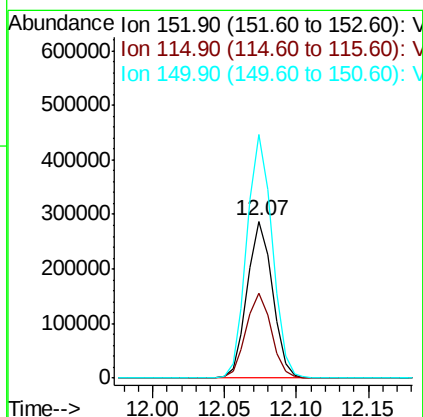
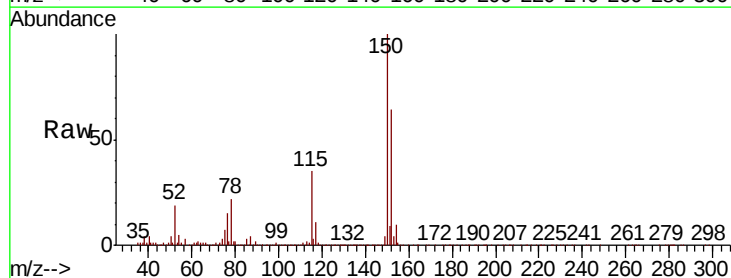
Instrument :
MSVOA_X
ClientSampleId :
350

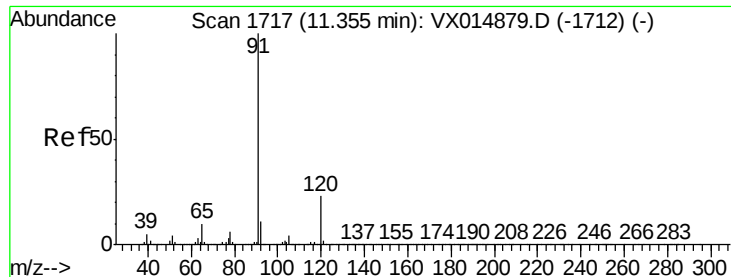
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.5	60.7
119	32.2	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	38.6	116.0
150	155.8	0.0	349.0





#78

n-propylbenzene

Concen: 1.846 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

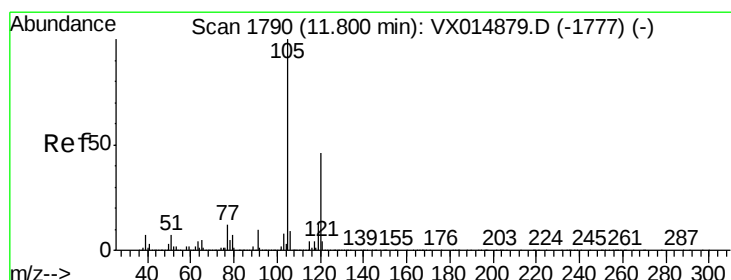
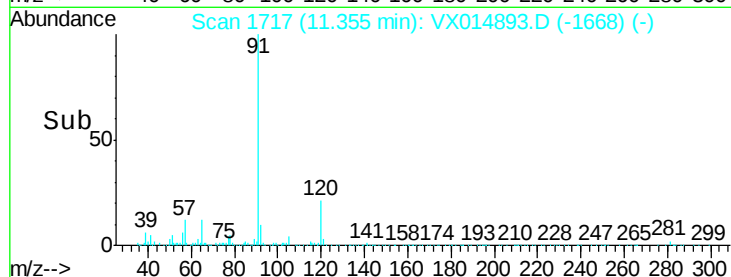
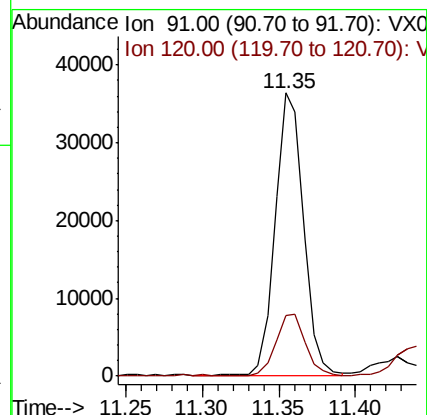
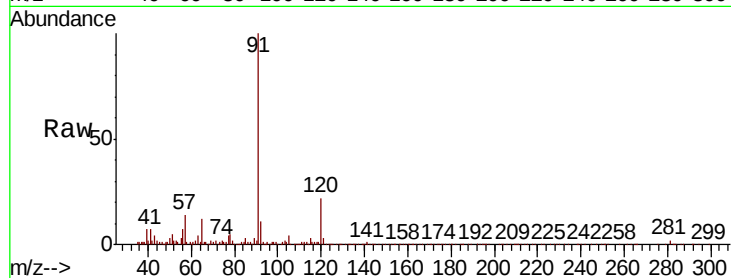
350

Tot Ion: 91 Resp: 46740

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 6.744 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX014893.D

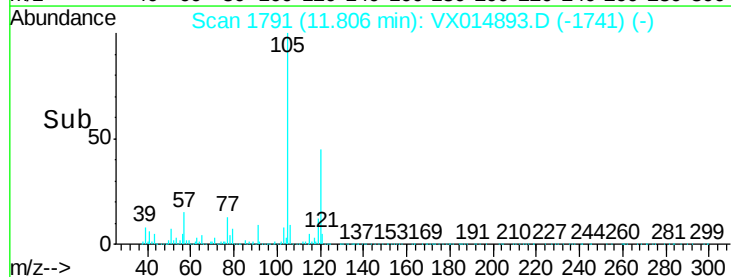
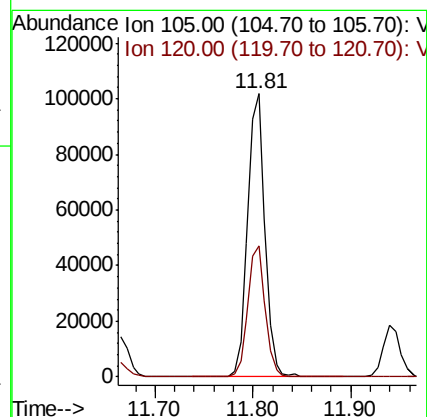
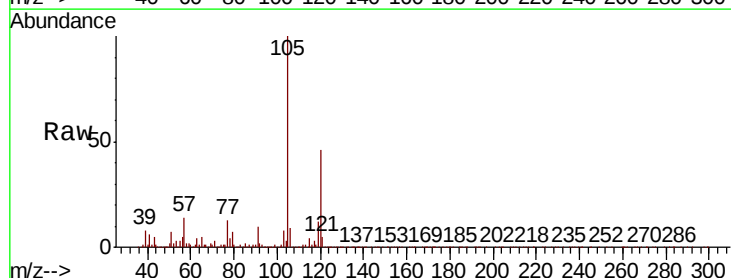
Acq: 10 Feb 2020 17:16

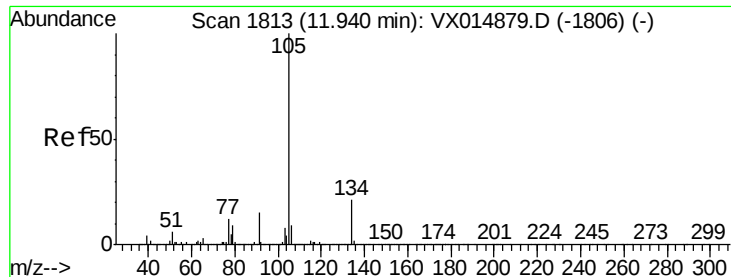
Tgt Ion: 105 Resp: 124337

Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 1.037 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

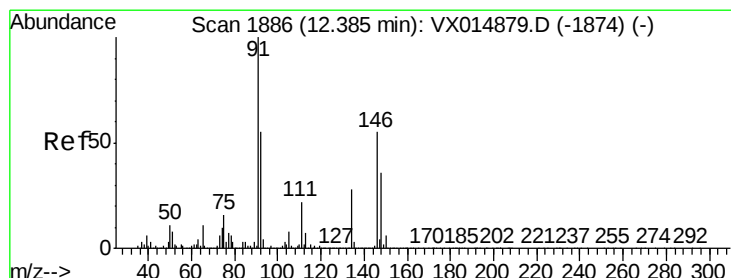
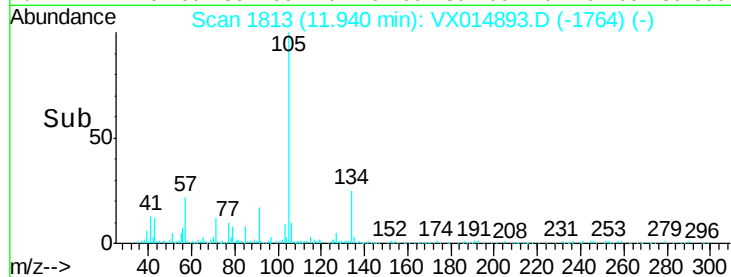
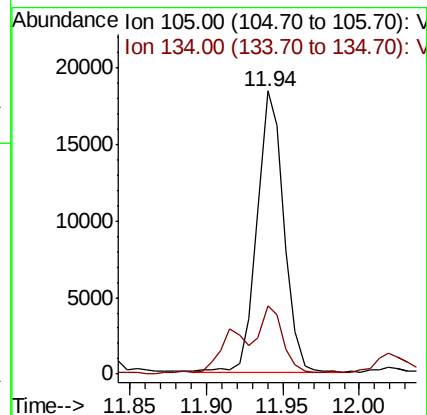
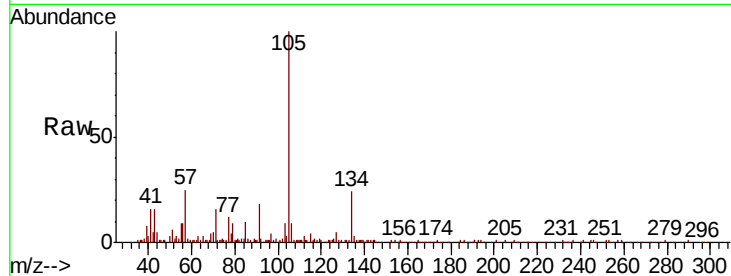
350

Tot Ion:105 Resp: 22307

Ion Ratio Lower Upper

105 100

134 21.6 10.6 31.8



#89

n-Butylbenzene

Concen: 4.276 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

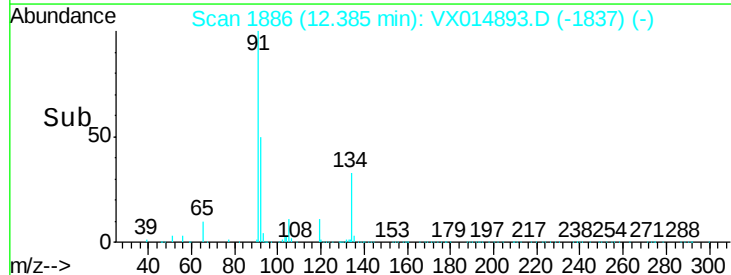
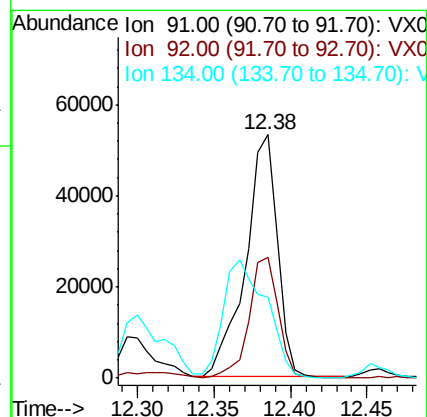
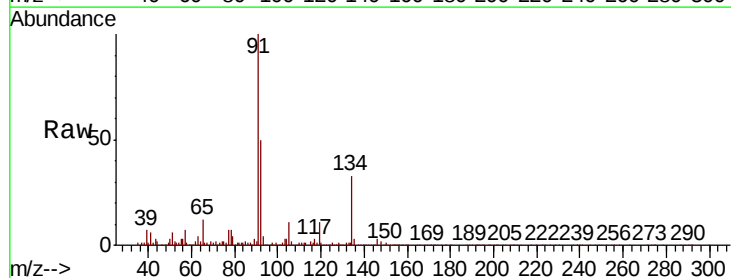
Tgt Ion: 91 Resp: 77131

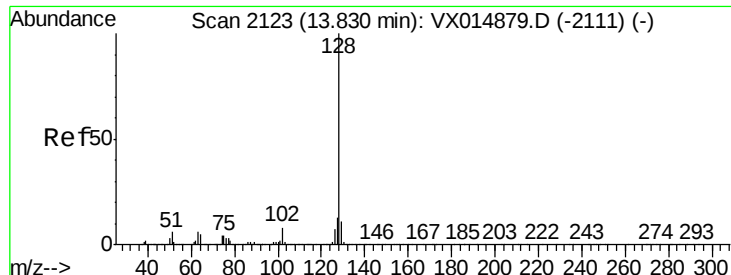
Ion Ratio Lower Upper

91 100

92 45.7 27.3 81.8

134 64.9 13.8 41.4#





#95

Naphthalene

Concen: 37.217 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

350

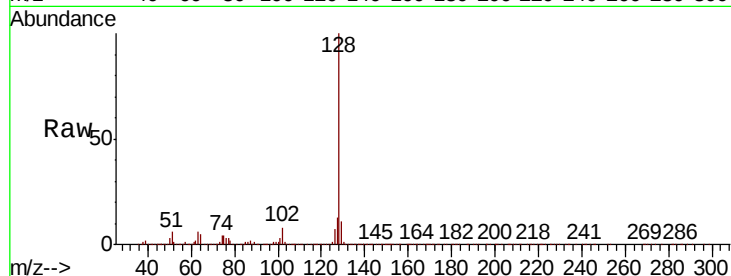
Tot Ion:128 Resp: 785219

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.6 13.0



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

