

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002567.D
 Acq On : 05 May 2020 02:20
 Operator : SY/MD
 Sample : L2480-02
 Misc : 6.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-015

Quant Time: May 05 09:14:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

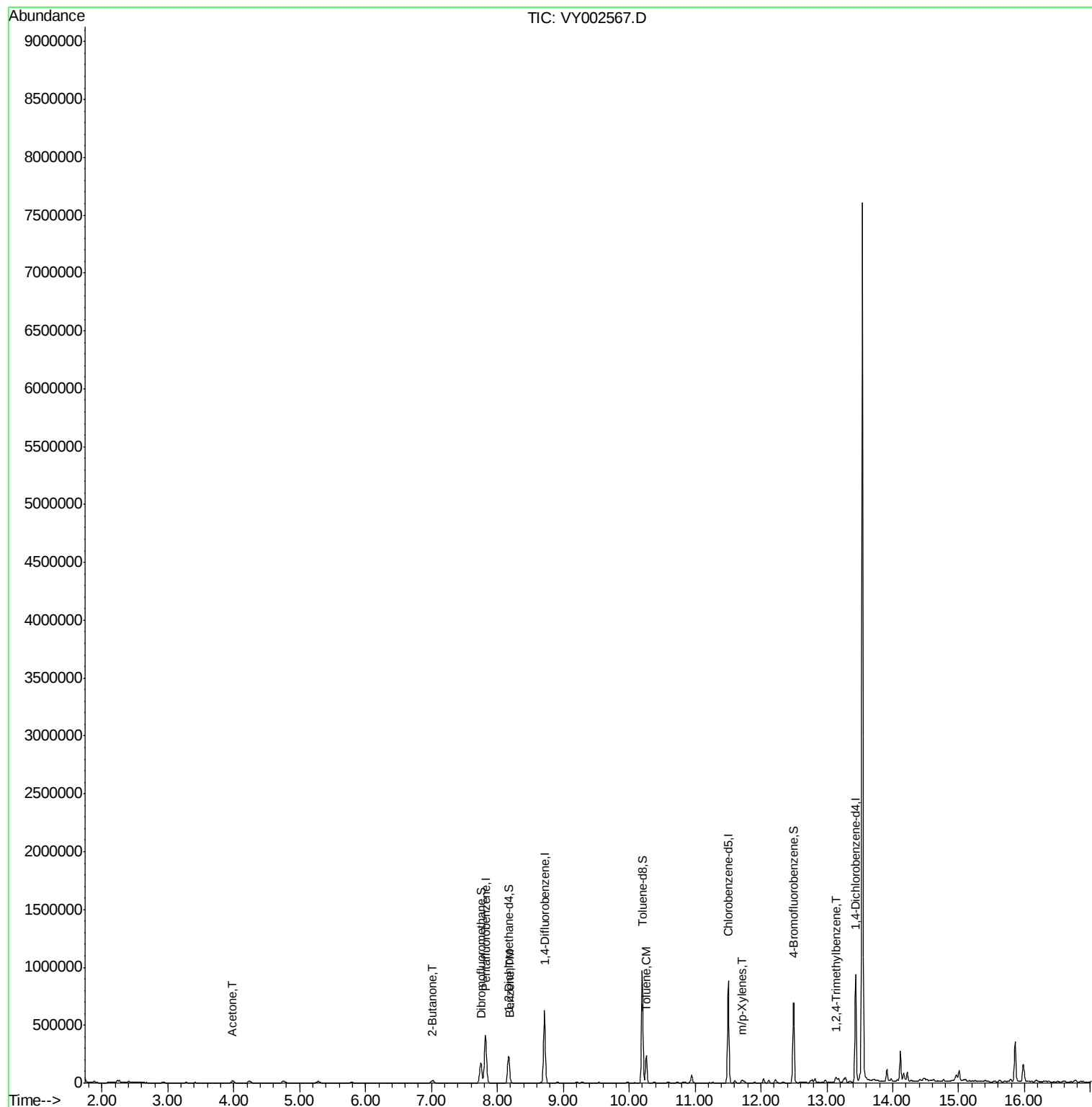
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	350460	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	567698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	511481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	252011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	171973	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.72%	
35) Dibromofluoromethane	7.75	113	125377	38.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.24%	
50) Toluene-d8	10.20	98	662899	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.49	95	220157	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
Target Compounds						
16) Acetone	3.98	43	34344	56.474	ug/l	99
25) 2-Butanone	7.02	43	6717	6.747	ug/l	99
40) Benzene	8.19	78	13867	1.009	ug/l	96
52) Toluene	10.26	92	103215	11.684	ug/l	96
68) m/p-Xylenes	11.71	106	8168	1.236	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	21790	1.615	ug/l	84

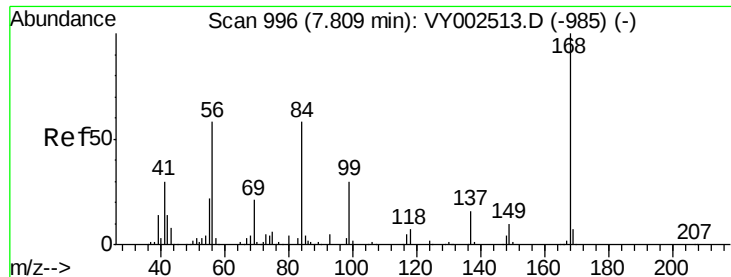
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002567.D

Acq: 05 May 2020 02:20

Instrument :

MSVOA_Y

ClientSampleId :

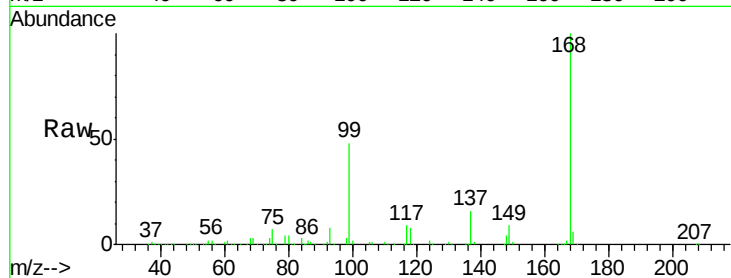
FK-0D015-03-015

Tot Ion:168 Resp: 350460

Ion Ratio Lower Upper

168 100

99 48.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

150000

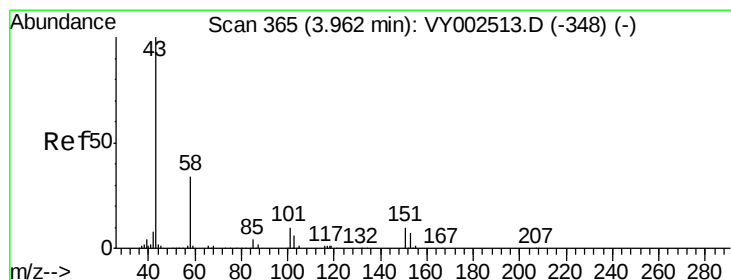
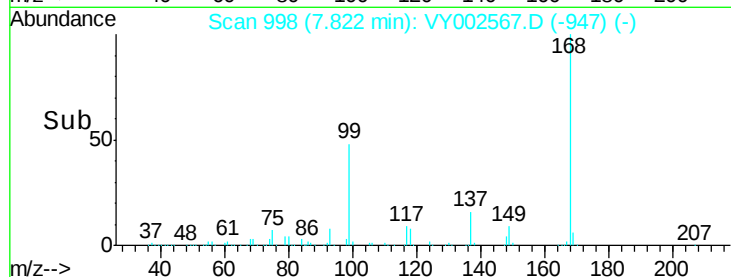
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 56.474 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002567.D

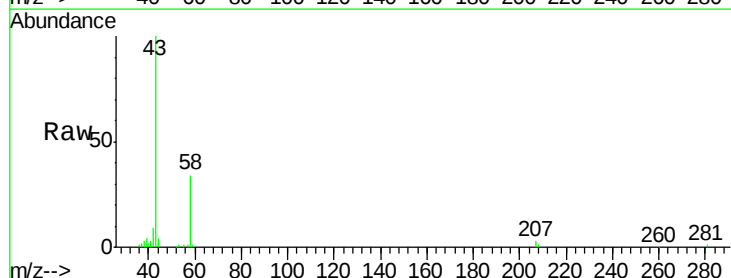
Acq: 05 May 2020 02:20

Tgt Ion: 43 Resp: 34344

Ion Ratio Lower Upper

43 100

58 34.4 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.98

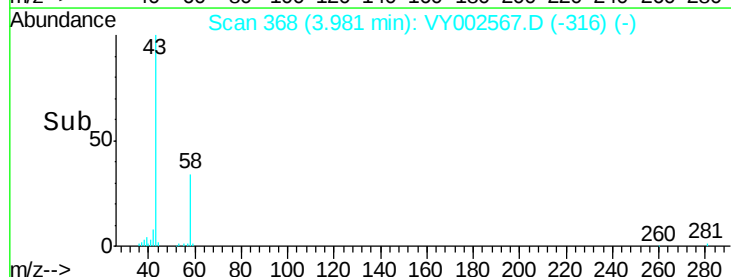
10000

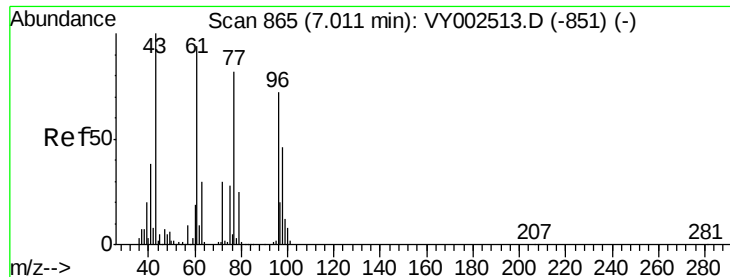
5000

0

3.90 4.00 4.10

Time-->

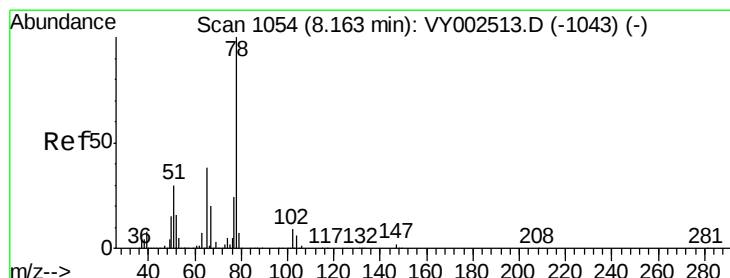
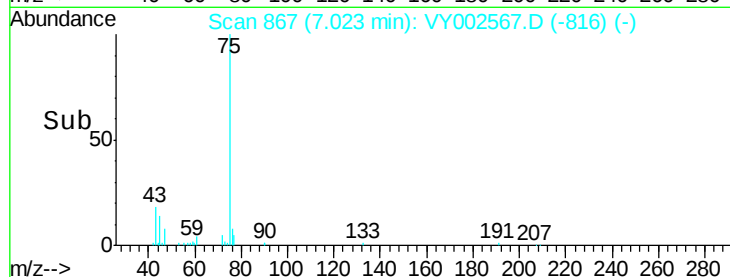
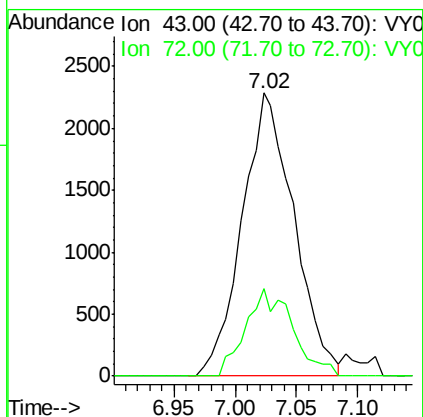
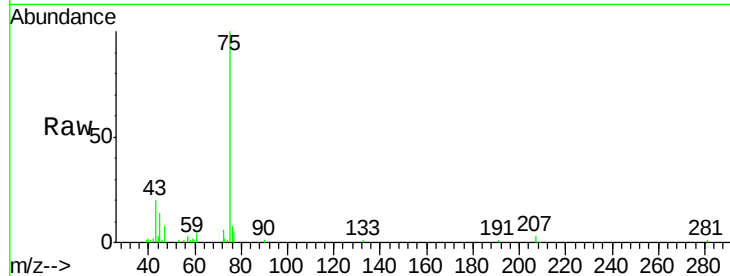




#25
2-Butanone
Concen: 6.747 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002567.D
Acq: 05 May 2020 02:20

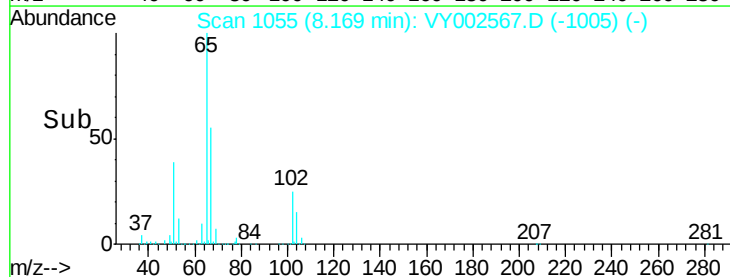
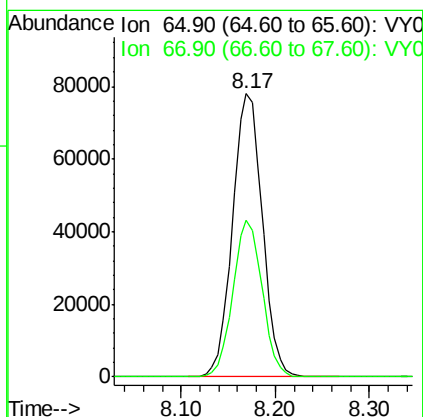
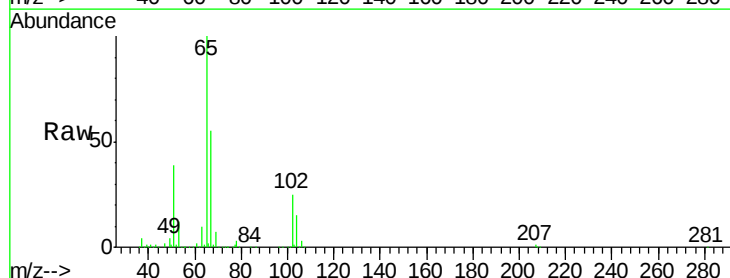
Instrument :
MSVOA_Y
ClientSampleId :
FK-0D015-03-015

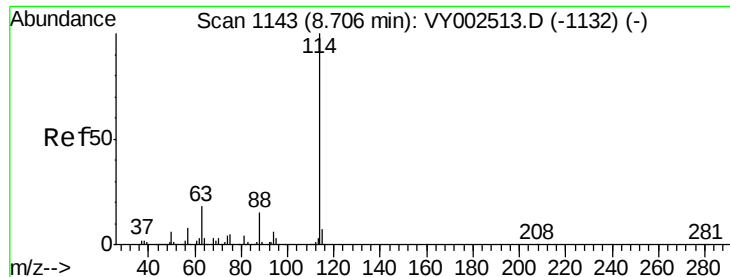
Tot Ion: 43 Resp: 6717
Ion Ratio Lower Upper
43 100
72 30.7 24.1 36.1



#33
1,2-Dichloroethane-d4
Concen: 58.361 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002567.D
Acq: 05 May 2020 02:20

Tgt Ion: 65 Resp: 171973
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002567.D

Acq: 05 May 2020 02:20

Instrument :

MSVOA_Y

ClientSampleId :

FK-0D015-03-015

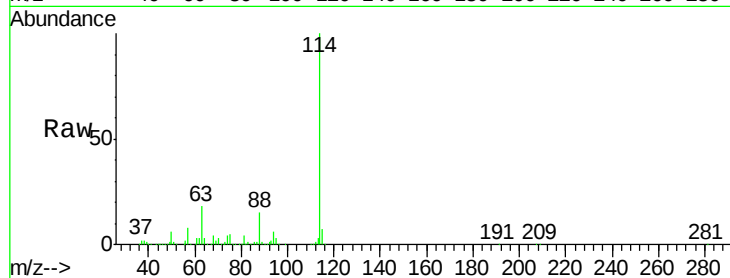
Tot Ion:114 Resp: 567698

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

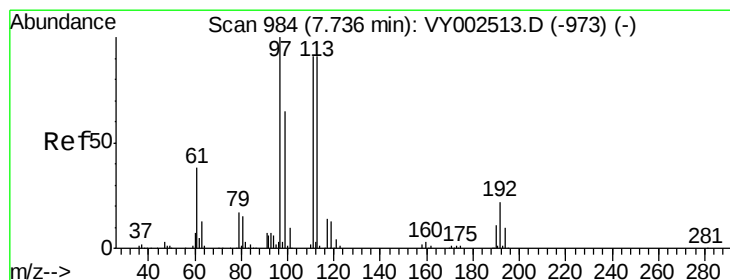
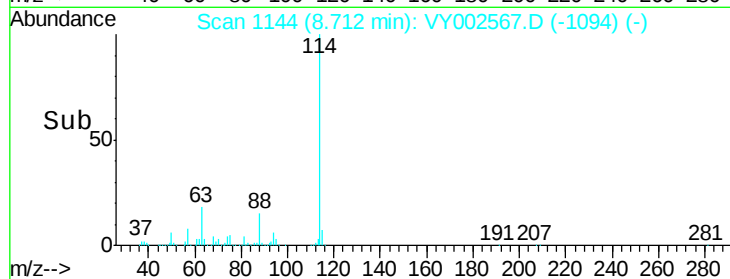
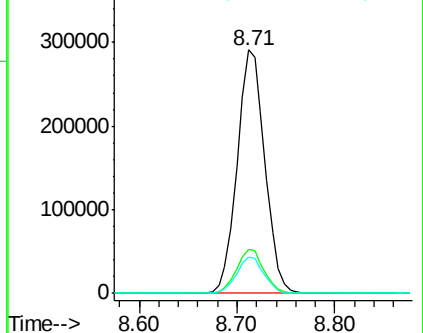
88 14.8 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 38.617 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002567.D

Acq: 05 May 2020 02:20

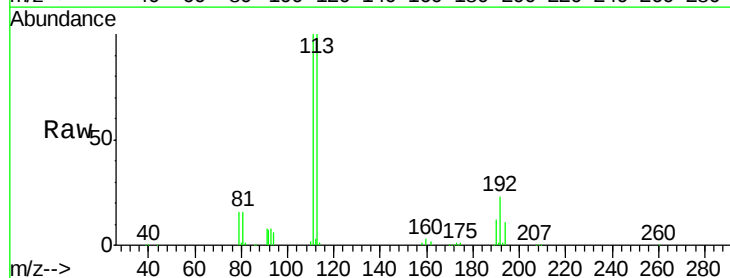
Tgt Ion:113 Resp: 125377

Ion Ratio Lower Upper

113 100

111 100.5 81.8 122.6

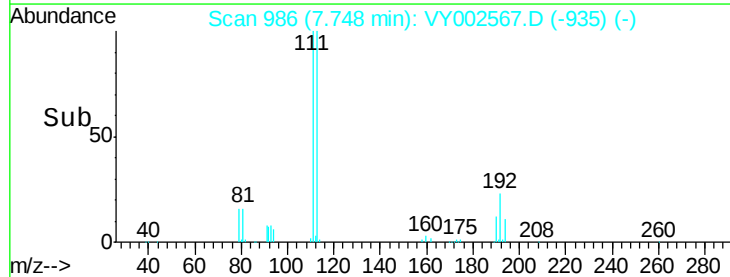
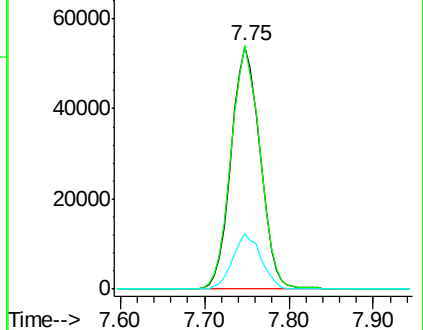
192 22.2 18.2 27.4

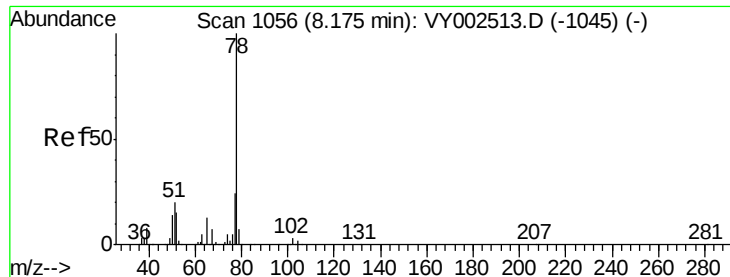


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.009 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VY002567.D

Acq: 05 May 2020 02:20

Instrument :

MSVOA_Y

ClientSampleId :

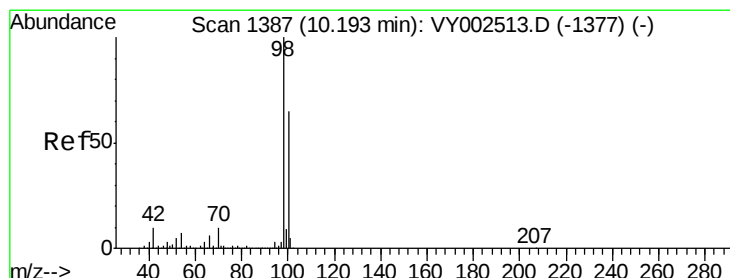
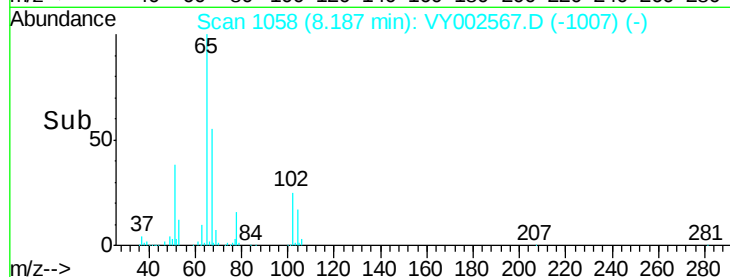
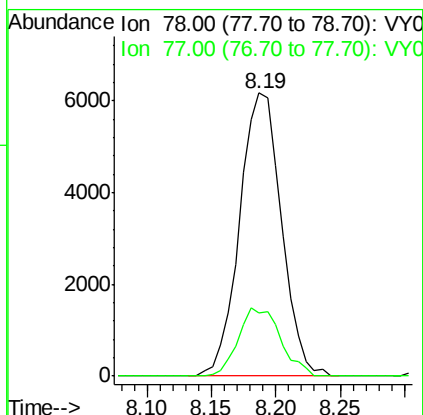
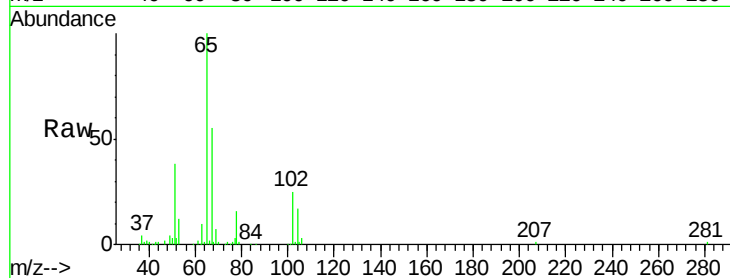
FK-0D015-03-015

Tot Ion: 78 Resp: 13867

Ion Ratio Lower Upper

78 100

77 22.2 19.2 28.8



#50

Toluene-d8

Concen: 52.284 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002567.D

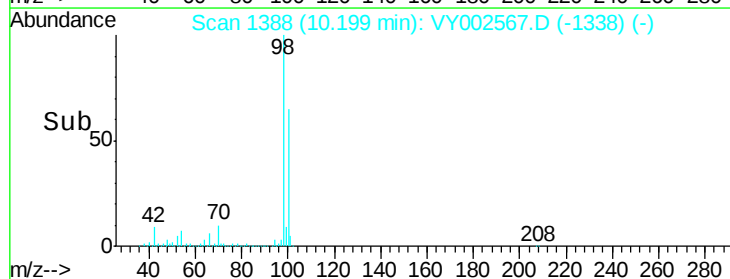
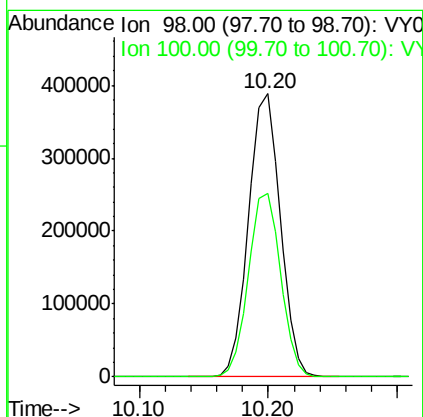
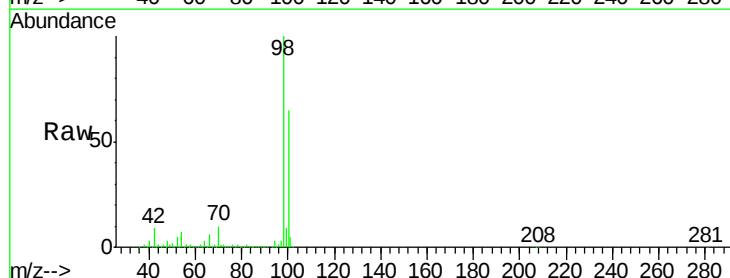
Acq: 05 May 2020 02:20

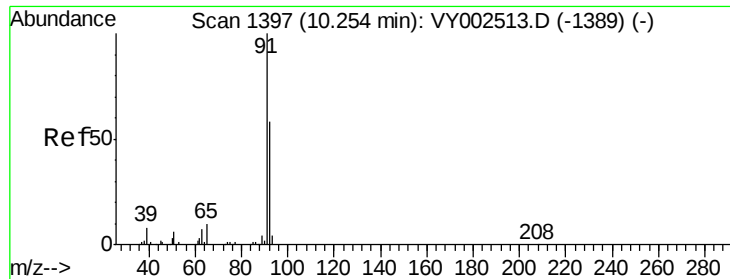
Tgt Ion: 98 Resp: 662899

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2





#52

Toluene

Concen: 11.684 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002567.D

Acq: 05 May 2020 02:20

Instrument :

MSVOA_Y

ClientSampleId :

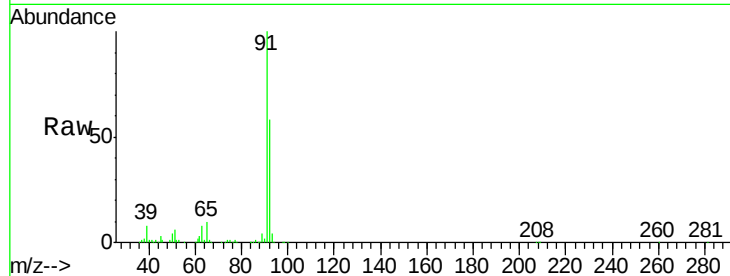
FK-0D015-03-015

Tot Ion: 92 Resp: 103215

Ion Ratio Lower Upper

92 100

91 169.1 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002567.D (-1348) (-)

Ion 91.00 (90.70 to 91.70): VY002567.D (-1348) (-)

120000

100000

80000

60000

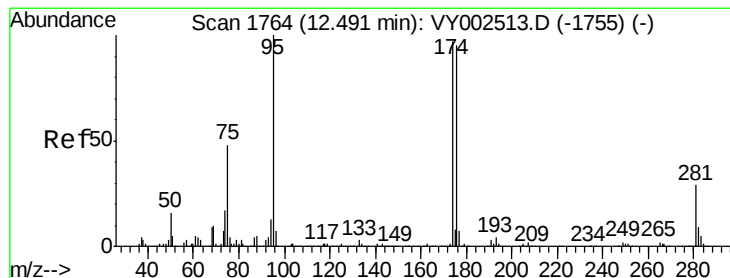
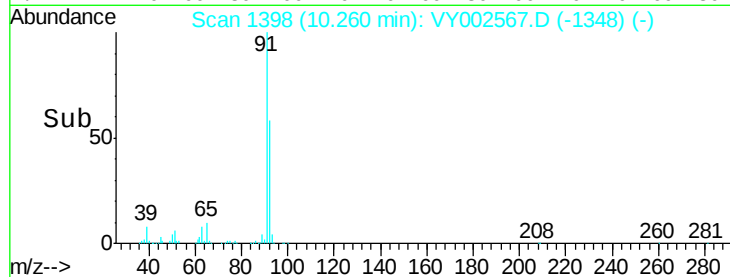
40000

20000

0

10.20 10.26 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 51.173 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002567.D

Acq: 05 May 2020 02:20

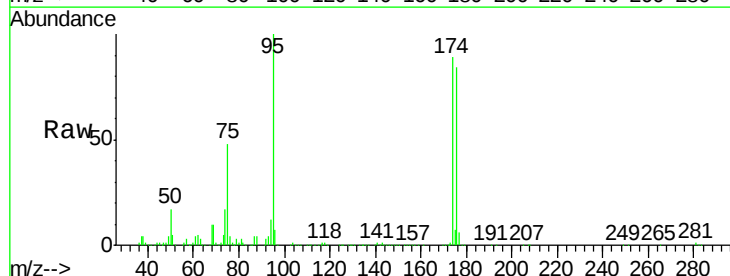
Tgt Ion: 95 Resp: 220157

Ion Ratio Lower Upper

95 100

174 92.4 0.0 188.8

176 89.3 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002567.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY002567.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY002567.D (-1715) (-)

150000

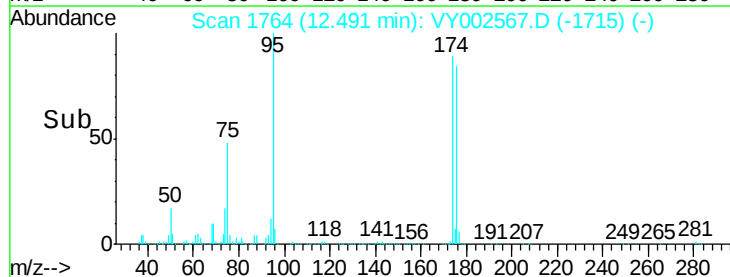
100000

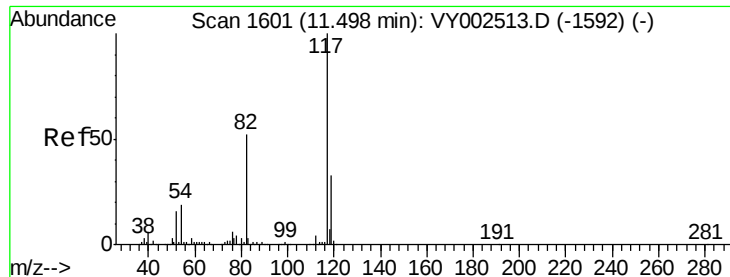
50000

0

12.40 12.49 12.60

Time-->

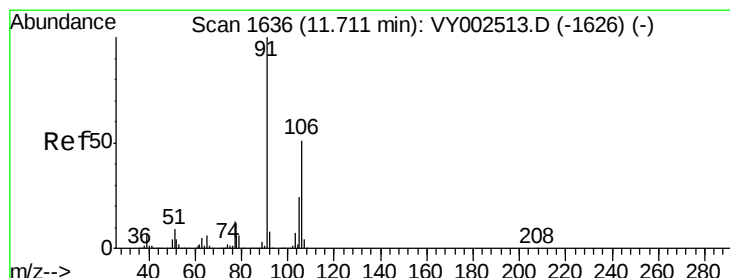
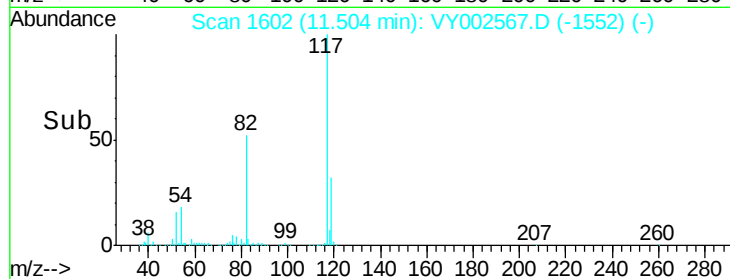
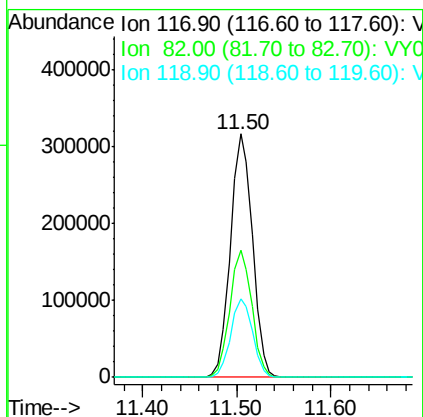
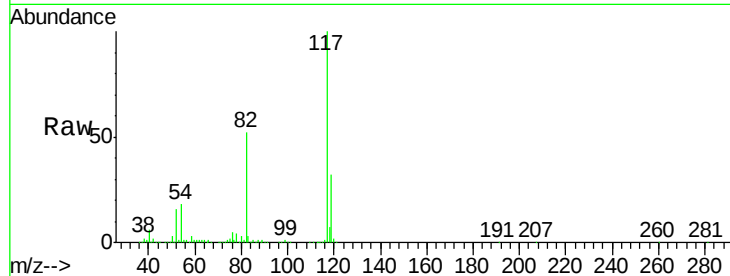




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002567.D
Acq: 05 May 2020 02:20

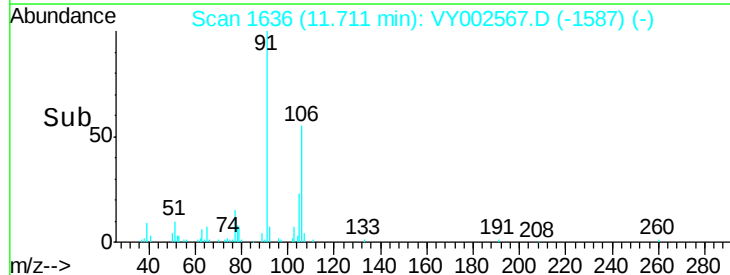
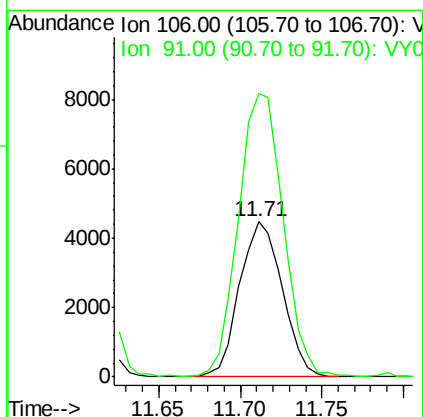
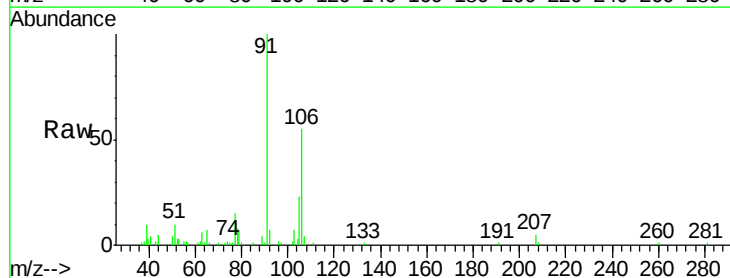
Instrument :
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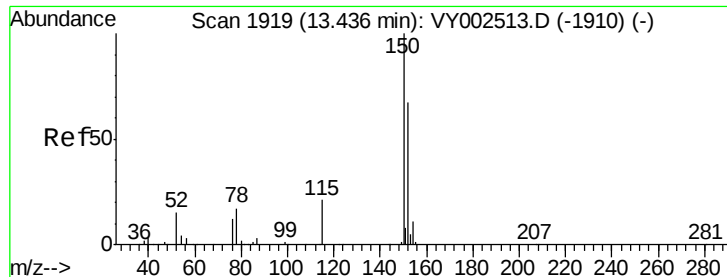
Tot Ion:117 Resp: 511481
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 32.2 26.0 39.0



#68
m/p-Xylenes
Concen: 1.236 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002567.D
Acq: 05 May 2020 02:20

Tgt Ion:106 Resp: 8168
Ion Ratio Lower Upper
106 100
91 191.6 155.2 232.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002567.D

Acq: 05 May 2020 02:20

Instrument :

MSVOA_Y

ClientSampleId :

FK-0D015-03-015

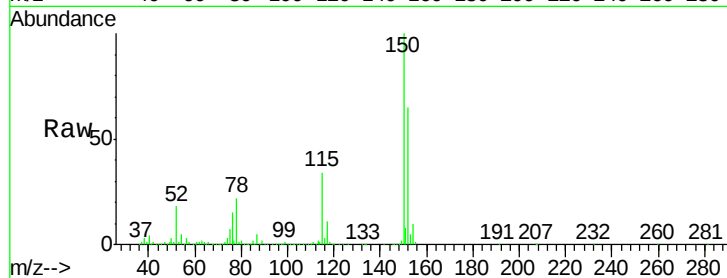
Tot Ion:152 Resp: 252011

Ion Ratio Lower Upper

152 100

115 54.7 27.5 82.4

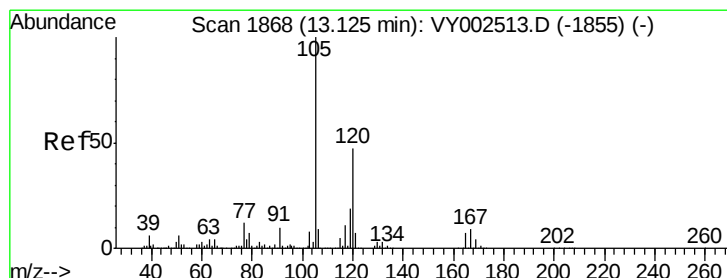
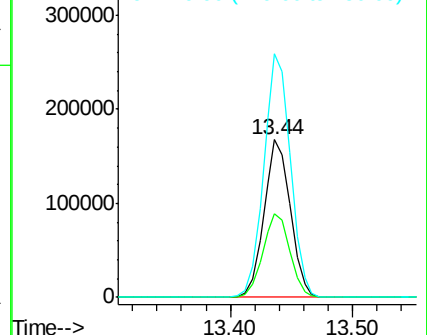
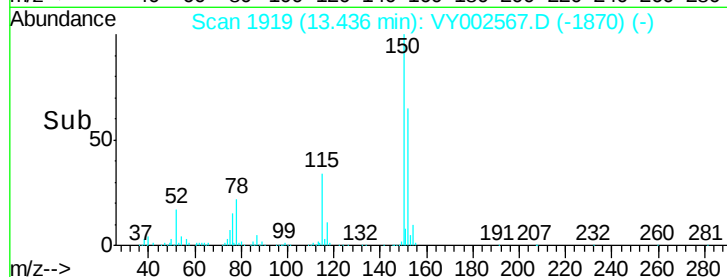
150 155.7 0.0 346.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.615 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002567.D

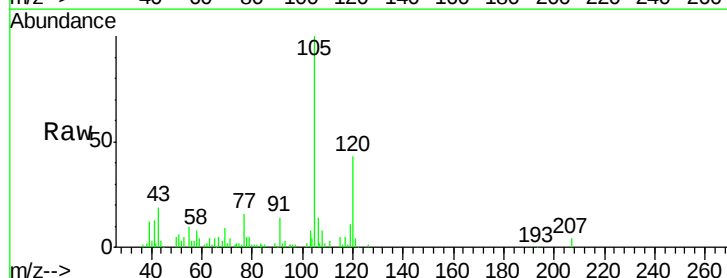
Acq: 05 May 2020 02:20

Tgt Ion:105 Resp: 21790

Ion Ratio Lower Upper

105 100

120 36.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

