

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000278.D
 Acq On : 11 Oct 2019 18:11
 Operator : SY/MD
 Sample : K5266-06
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20190854-AMENDED-COMP-A

Quant Time: Oct 14 08:26:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

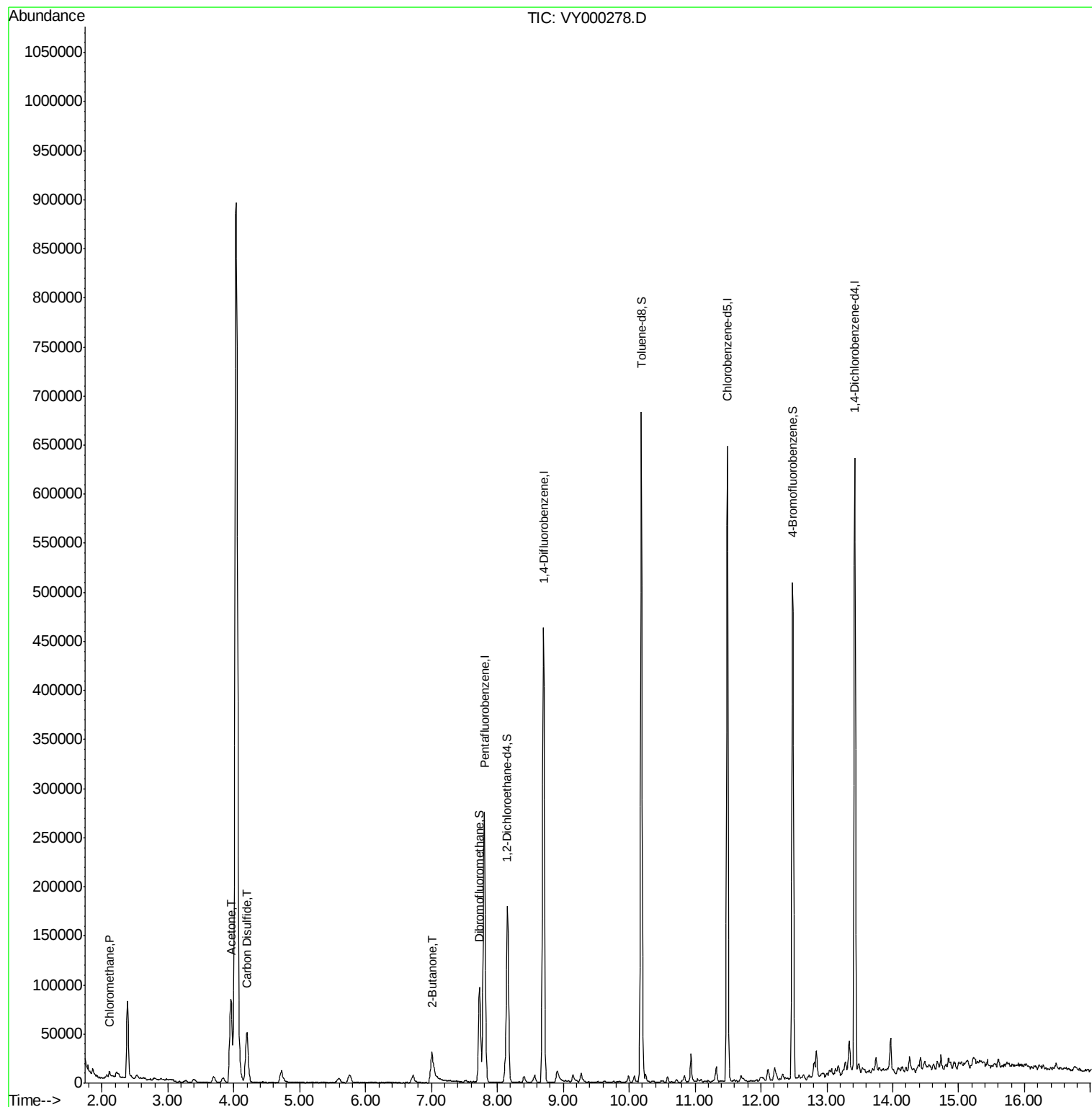
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	217211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	394121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	344386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	153366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	134173	58.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.12%	
35) Dibromofluoromethane	7.73	113	66253	27.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.74%	
50) Toluene-d8	10.18	98	444319	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.48	95	155001	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
3) Chloromethane	2.12	50	5017	1.890	ug/l #	88
16) Acetone	3.96	43	146816	197.865	ug/l	94
17) Carbon Disulfide	4.20	76	104852	15.180	ug/l	99
25) 2-Butanone	7.00	43	35914	34.360	ug/l	97

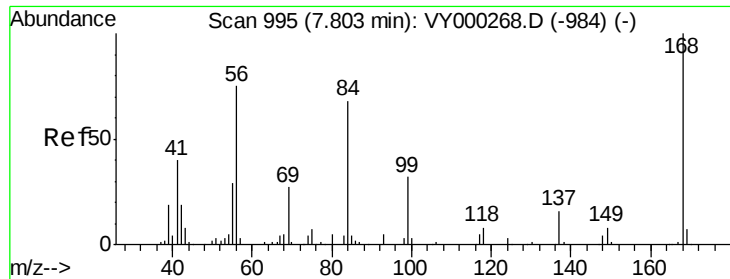
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000278.D

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ClientSampleId :

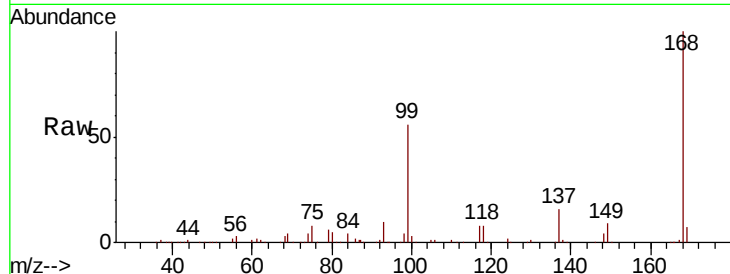
20190854-AMENDED-COMP-A

Tot Ion:168 Resp: 217211

Ion Ratio Lower Upper

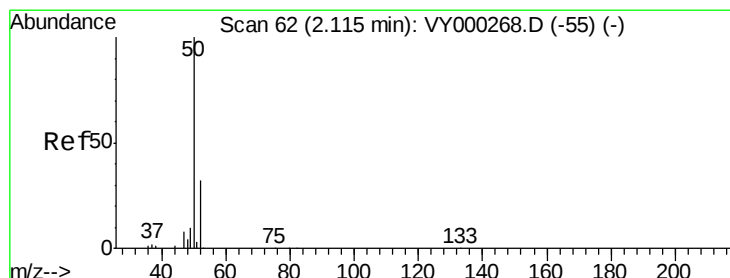
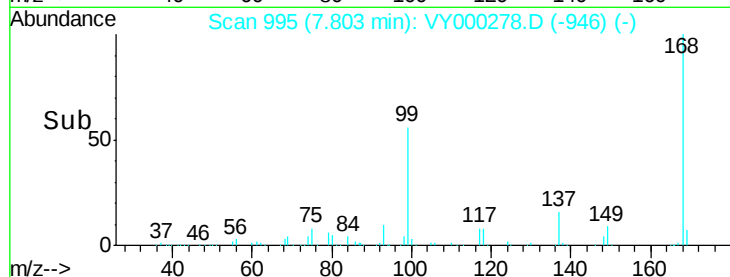
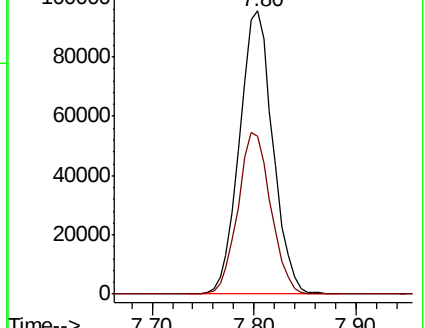
168 100

99 55.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)



#3

Chloromethane

Concen: 1.890 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000278.D

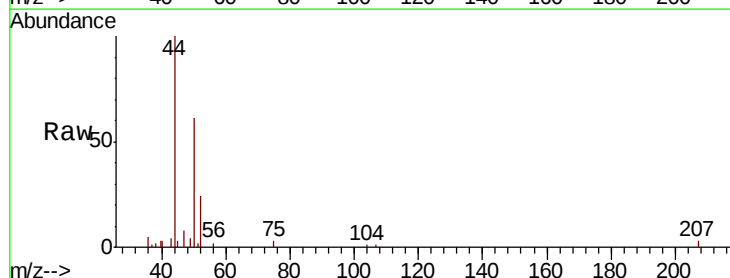
Acq: 11 Oct 2019 18:11

Tgt Ion: 50 Resp: 5017

Ion Ratio Lower Upper

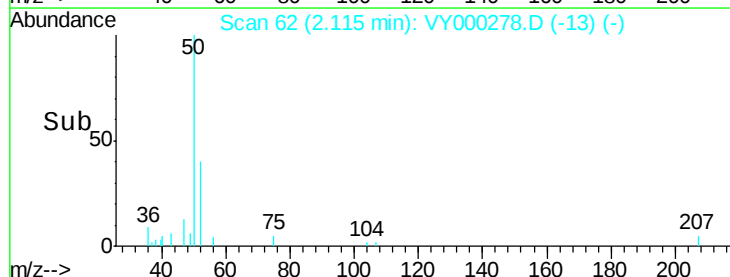
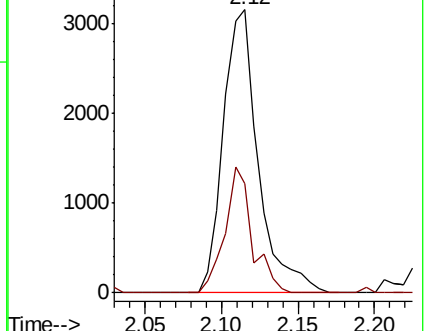
50 100

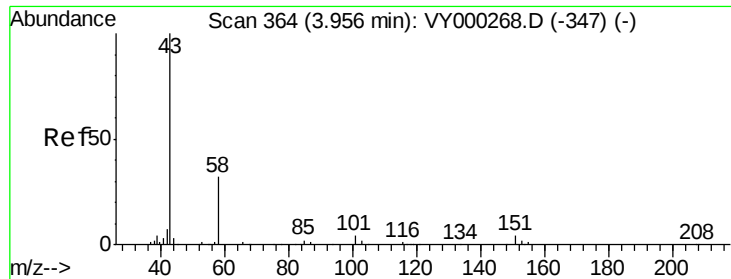
52 38.4 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VY000268.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY000268.D (-55) (-)





#16

Acetone

Concen: 197.865 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000278.D

Acq: 11 Oct 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

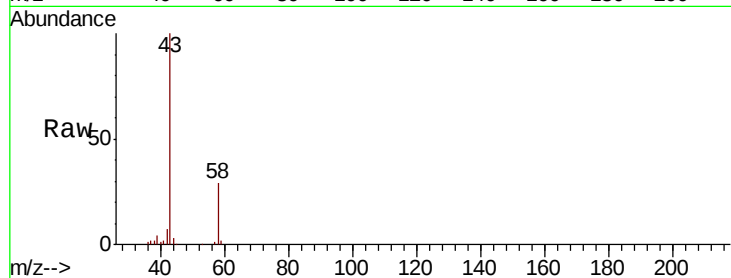
20190854-AMENDED-COMP-A

Tot Ion: 43 Resp: 146816

Ion Ratio Lower Upper

43 100

58 29.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

60000

50000

40000

30000

20000

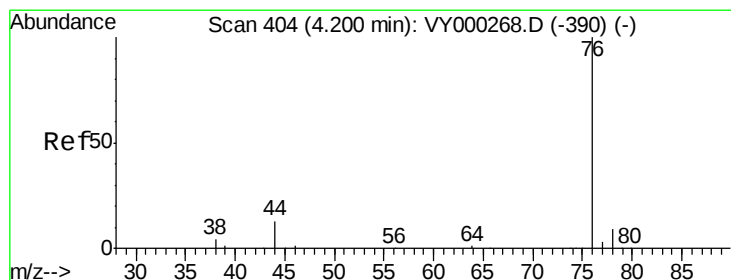
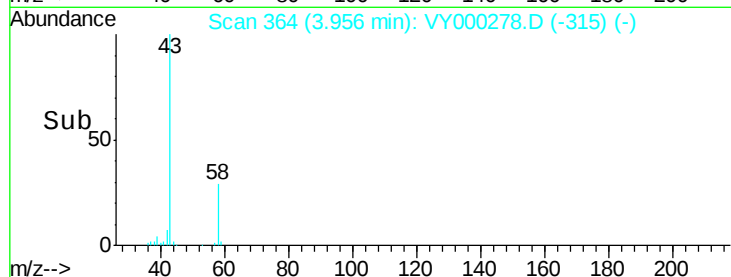
10000

0

3.96

3.90 4.00

Time-->



#17

Carbon Disulfide

Concen: 15.180 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000278.D

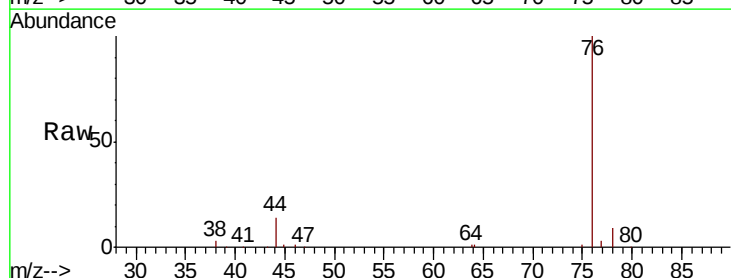
Acq: 11 Oct 2019 18:11

Tgt Ion: 76 Resp: 104852

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

40000

30000

20000

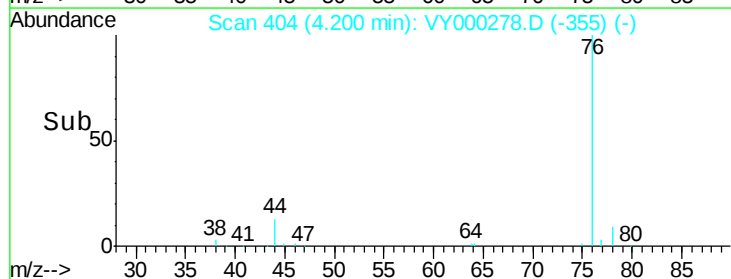
10000

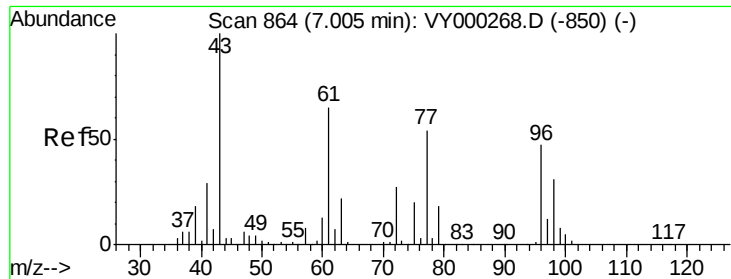
0

4.20

4.10 4.20 4.30

Time-->





#25

2-Butanone

Concen: 34.360 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000278.D

Acq: 11 Oct 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

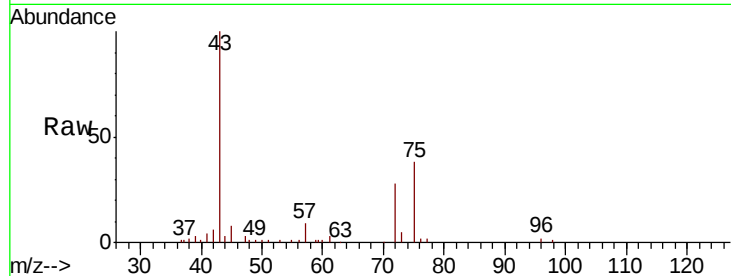
20190854-AMENDED-COMP-A

Tot Ion: 43 Resp: 35914

Ion Ratio Lower Upper

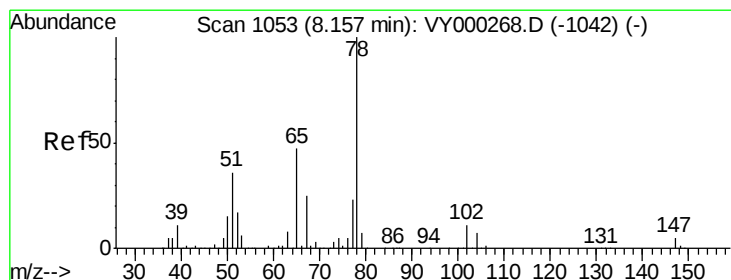
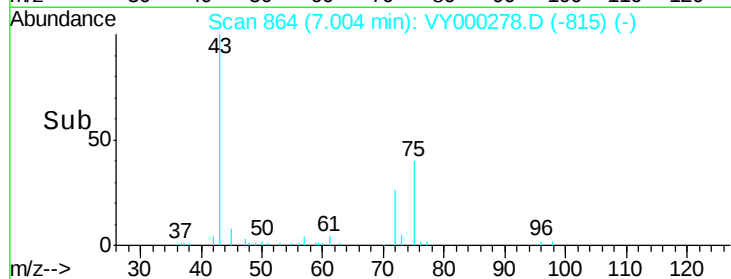
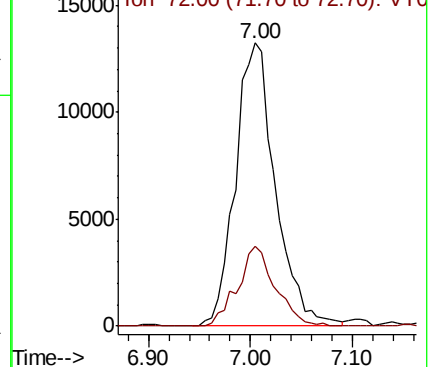
43 100

72 28.4 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 58.559 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000278.D

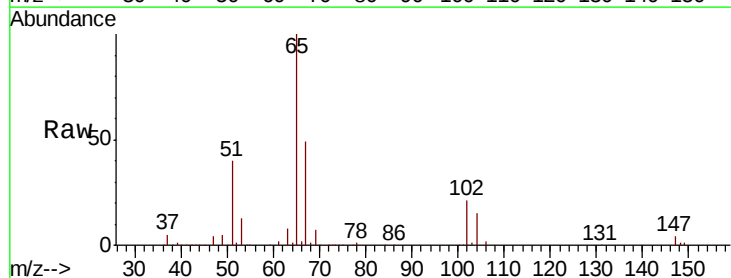
Acq: 11 Oct 2019 18:11

Tgt Ion: 65 Resp: 134173

Ion Ratio Lower Upper

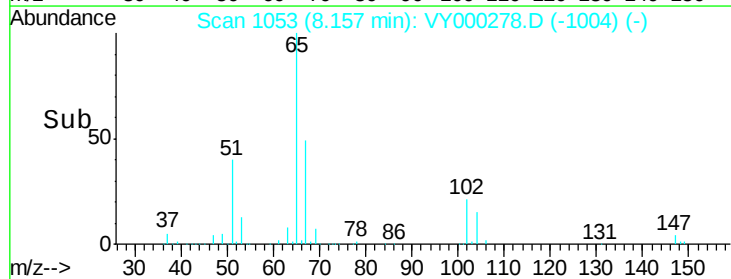
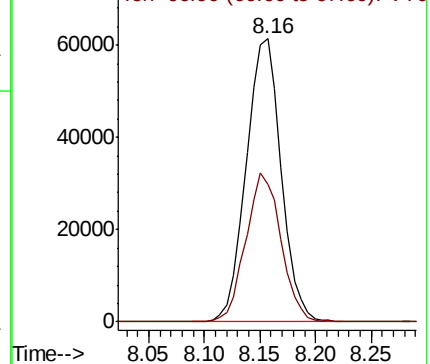
65 100

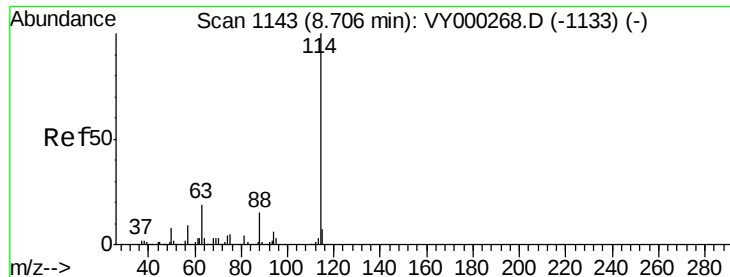
67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

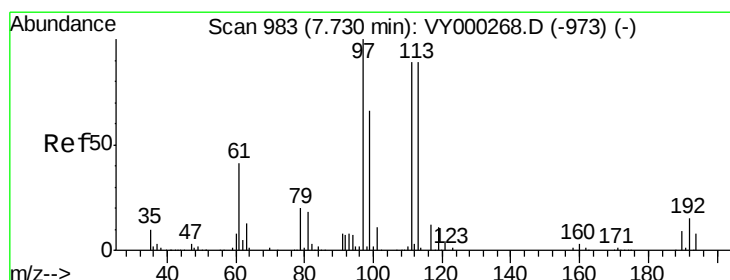
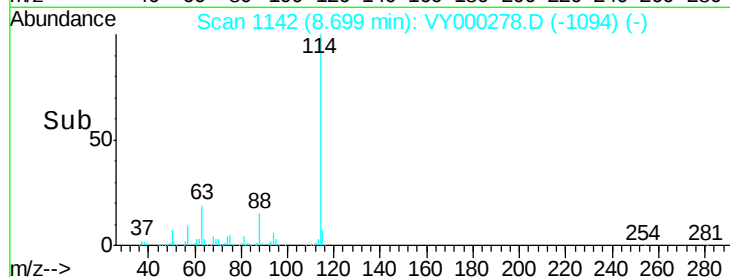
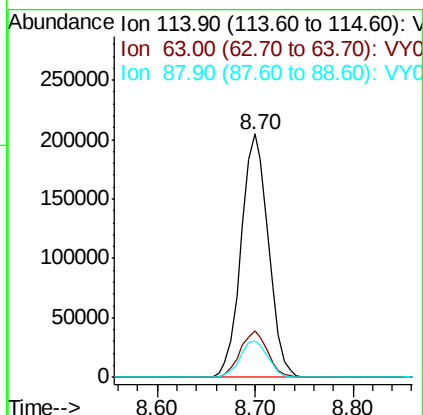
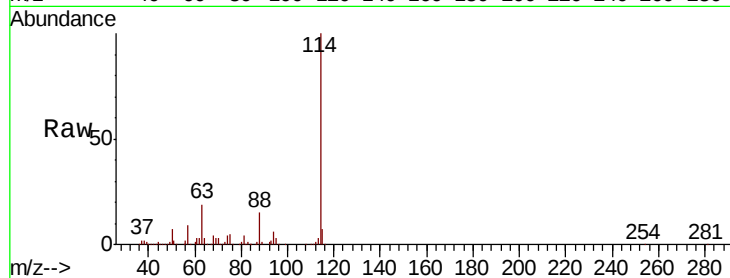




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000278.D
Acq: 11 Oct 2019 18:11

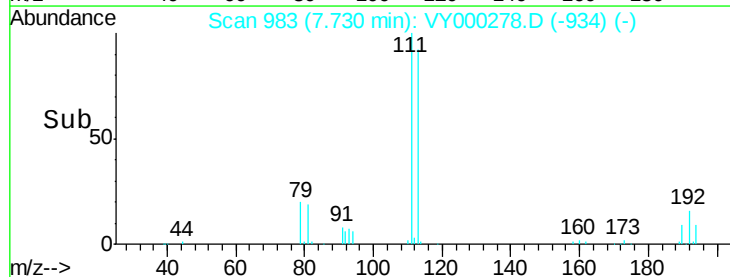
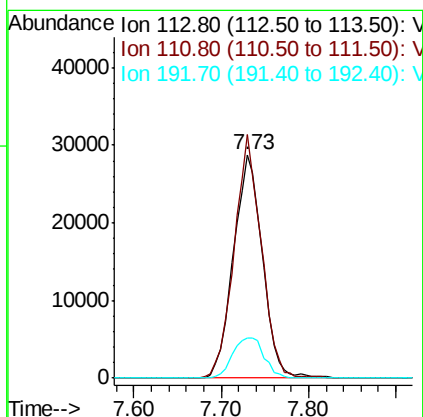
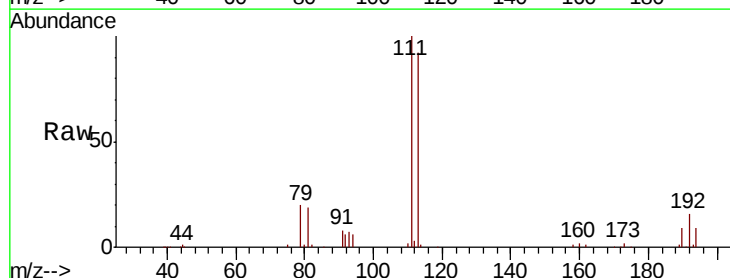
Instrument :
MSVOA_Y
ClientSampleId :
20190854-AMENDED-COMP-A

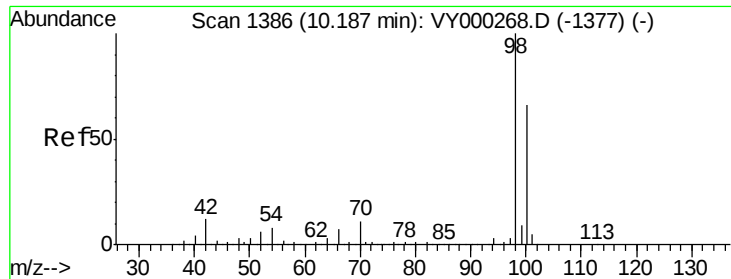
Tot Ion:114 Resp: 394121
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.2
88 14.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 27.868 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000278.D
Acq: 11 Oct 2019 18:11

Tgt Ion:113 Resp: 66253
Ion Ratio Lower Upper
113 100
111 102.1 81.6 122.4
192 19.4 15.3 22.9





#50

Toluene-d8

Concen: 48.585 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000278.D

Acq: 11 Oct 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

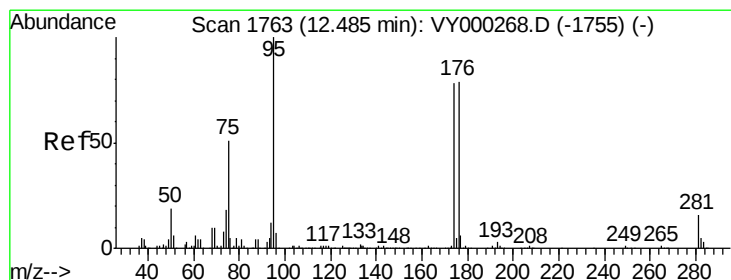
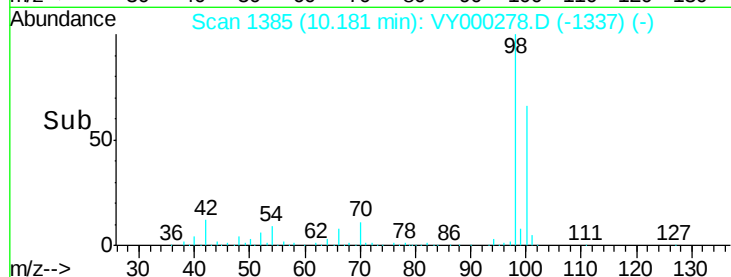
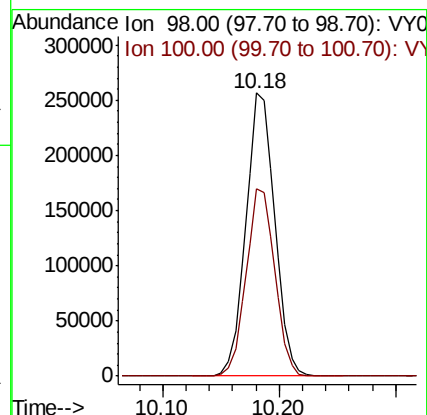
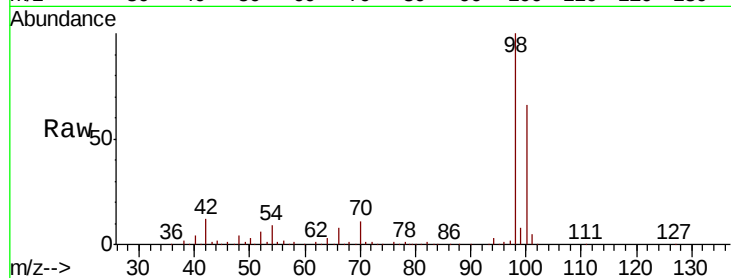
20190854-AMENDED-COMP-A

Tot Ion: 98 Resp: 444319

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 44.613 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000278.D

Acq: 11 Oct 2019 18:11

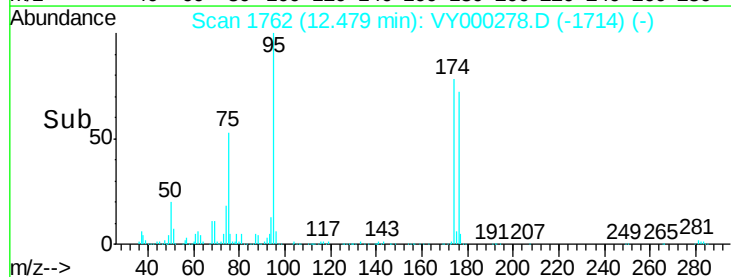
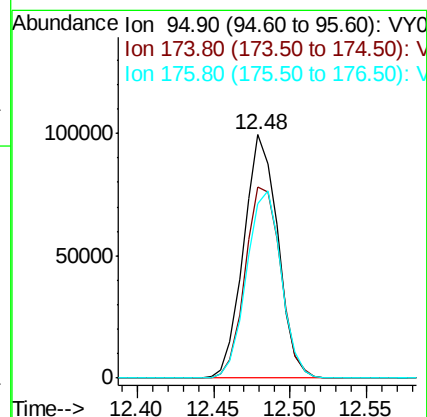
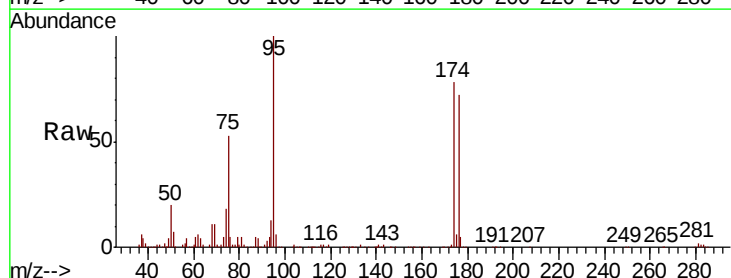
Tgt Ion: 95 Resp: 155001

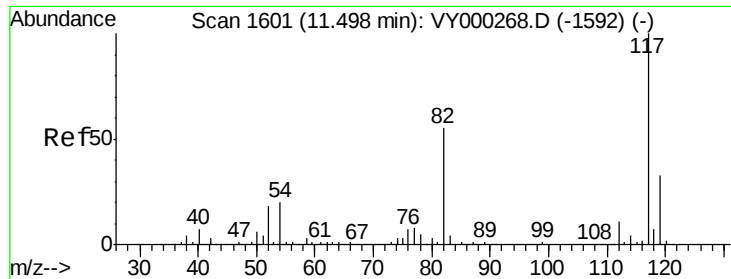
Ion Ratio Lower Upper

95 100

174 81.4 0.0 159.6

176 78.3 0.0 153.8

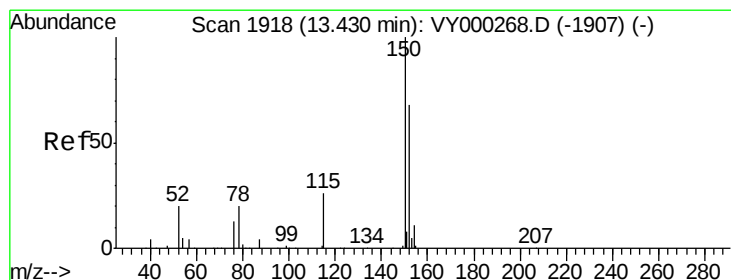
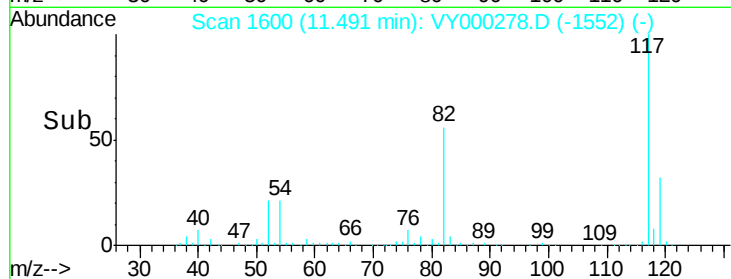
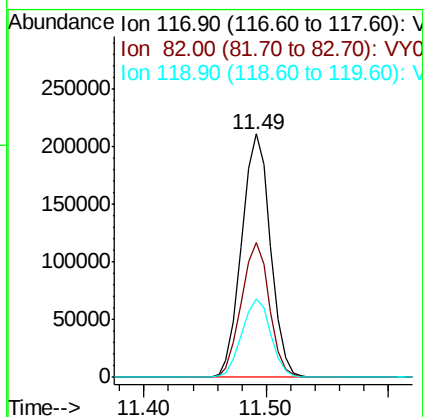
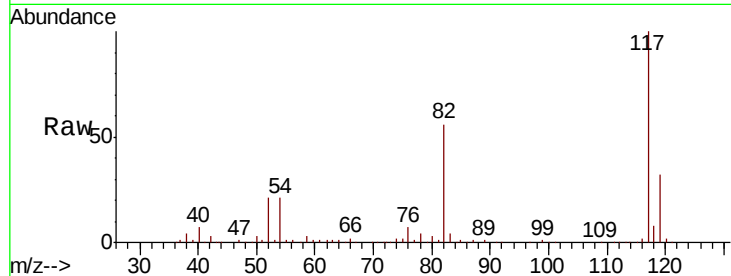




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000278.D
Acq: 11 Oct 2019 18:11

Instrument :
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ClientSampleId :
20190854-AMENDED-COMP-A

Tot Ion:117 Resp: 344386
Ion Ratio Lower Upper
117 100
82 55.6 43.7 65.5
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000278.D
Acq: 11 Oct 2019 18:11

Tgt Ion:152 Resp: 153366
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 158.1 0.0 348.4

