

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000587.D
 Acq On : 07 Nov 2019 17:40
 Operator : SY/MD
 Sample : K5676-06
 Misc : 8.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-110619

Quant Time: Nov 08 04:59:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

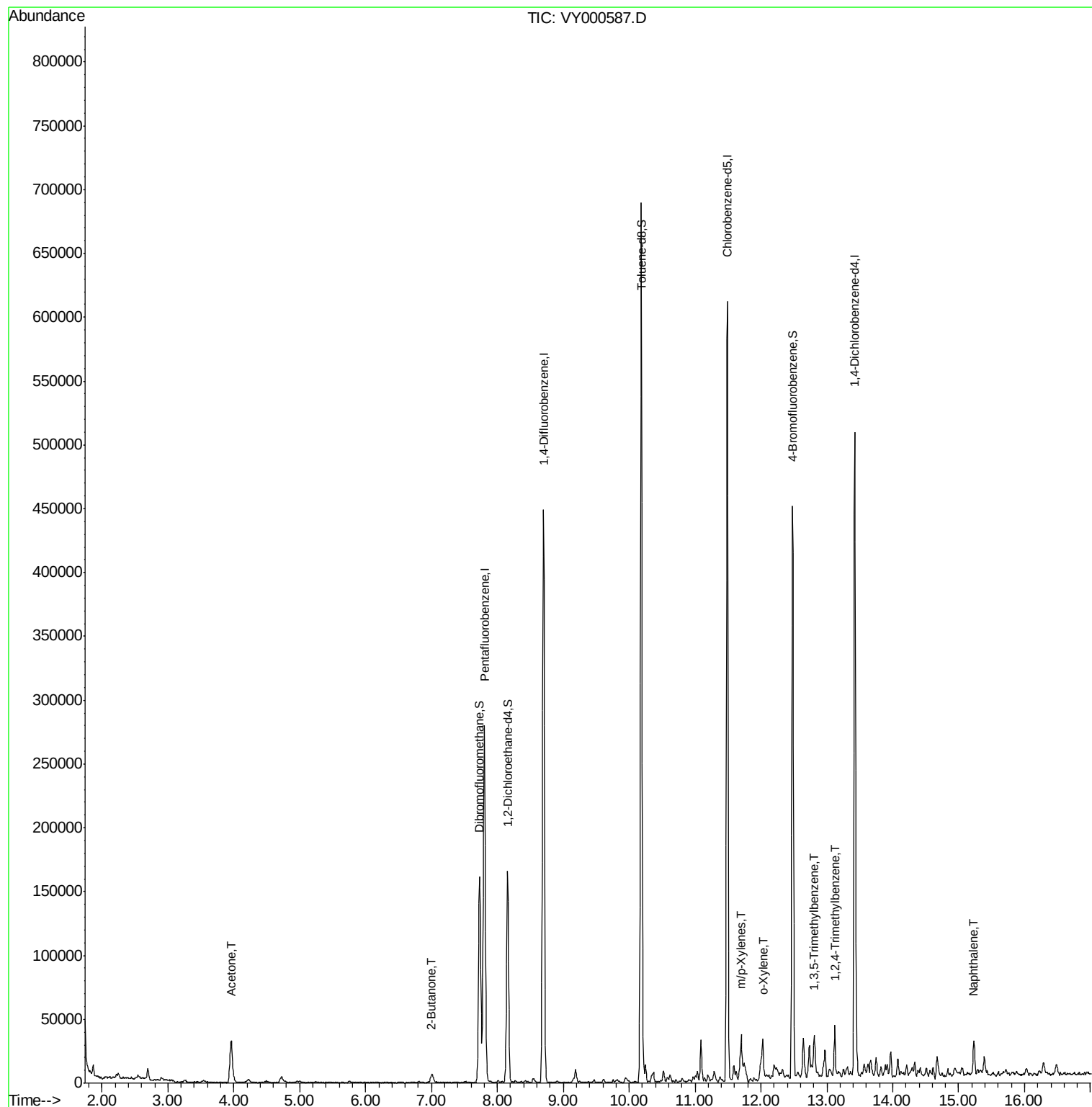
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	208415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	373799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	322581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	121039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	126262	58.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.08%	
35) Dibromofluoromethane	7.73	113	110652	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	10.18	98	434766	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.48	95	136518	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
Target Compounds						
16) Acetone	3.96	43	55708	93.714	ug/l	100
25) 2-Butanone	7.00	43	8886	9.367	ug/l	92
68) m/p-Xylenes	11.70	106	8944	1.920	ug/l	95
69) o-Xylene	12.03	106	7235	1.652	ug/l	90
80) 1,3,5-Trimethylbenzene	12.81	105	9254	1.242	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	17797	2.399	ug/l	96
95) Naphthalene	15.23	128	20492	3.760	ug/l	99

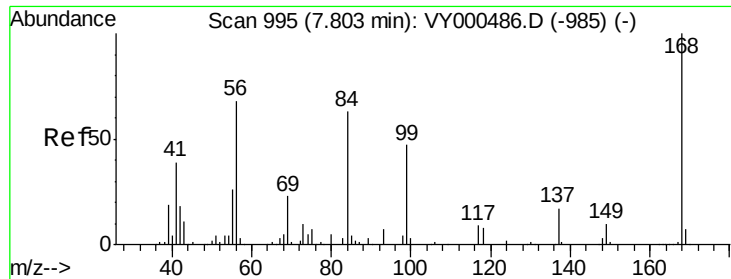
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000587.D

Acq: 07 Nov 2019 17:40

Instrument :

MSVOA_Y

ClientSampled :

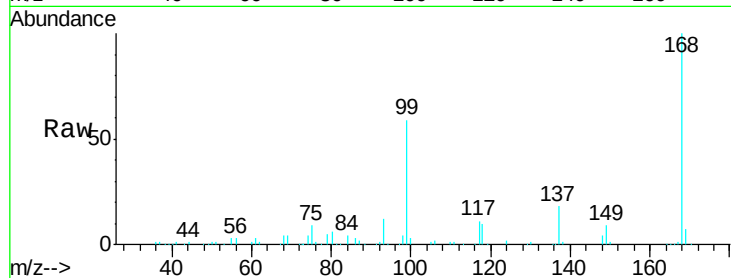
SU-04-110619

Tgt Ion:168 Resp: 208415

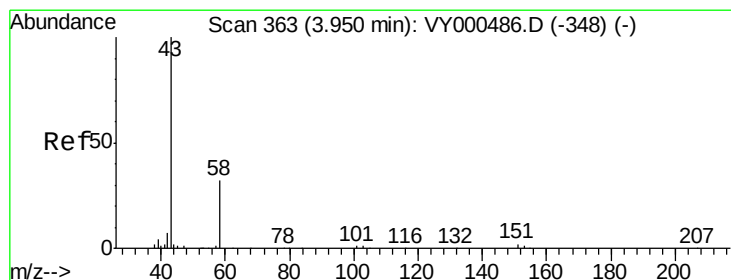
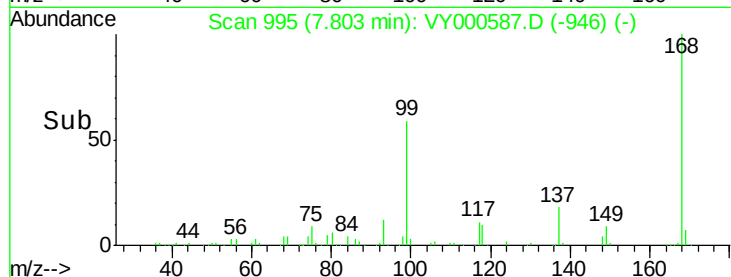
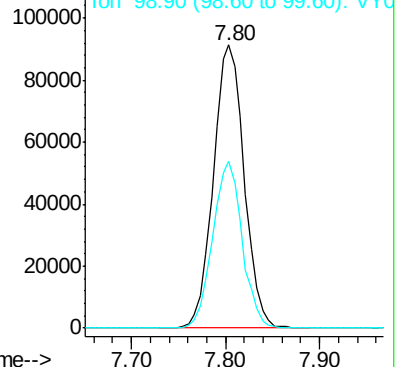
Ion Ratio Lower Upper

168 100

99 58.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#16

Acetone

Concen: 93.714 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000587.D

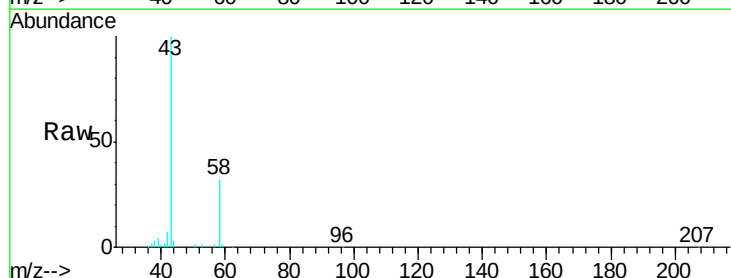
Acq: 07 Nov 2019 17:40

Tgt Ion: 43 Resp: 55708

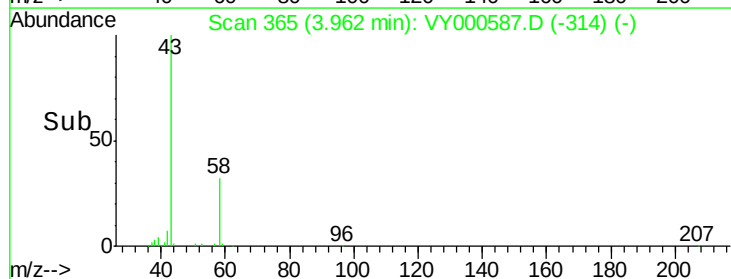
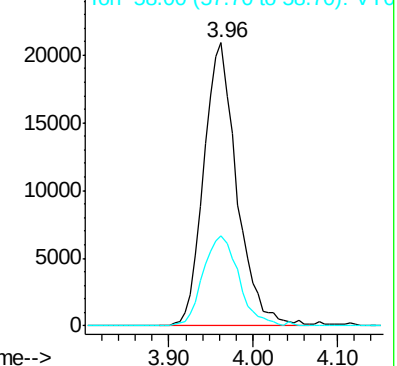
Ion Ratio Lower Upper

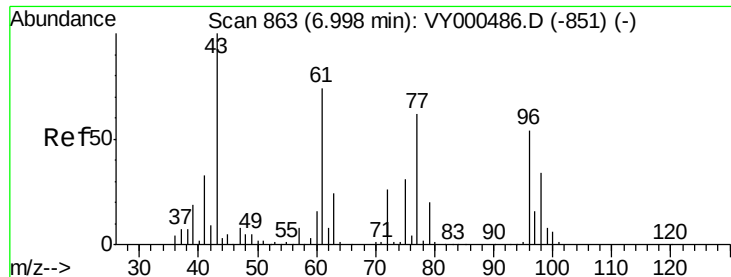
43 100

58 32.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)





#25

2-Butanone

Concen: 9.367 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000587.D

Acq: 07 Nov 2019 17:40

Instrument :

MSVOA_Y

ClientSampleId :

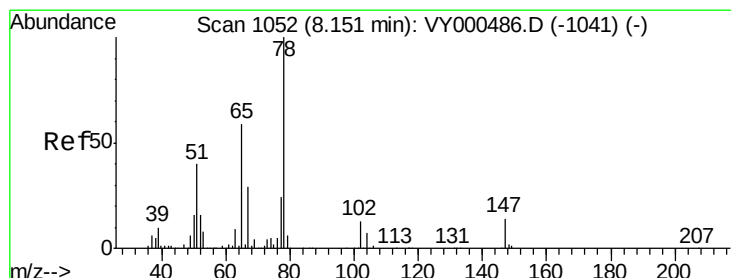
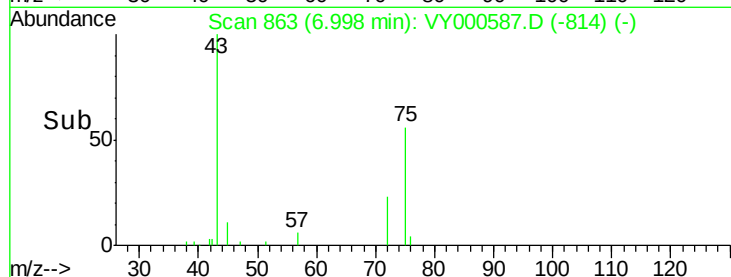
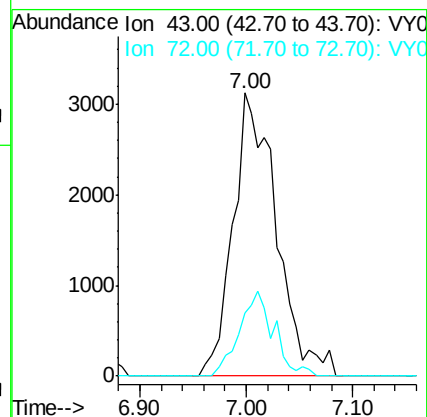
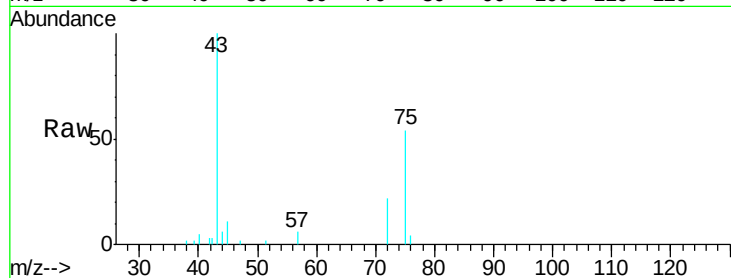
SU-04-110619

Tgt Ion: 43 Resp: 8886

Ion Ratio Lower Upper

43 100

72 22.2 20.9 31.3



#33

1,2-Dichloroethane-d4

Concen: 58.541 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000587.D

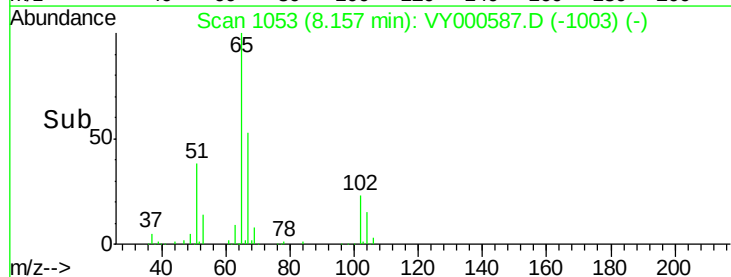
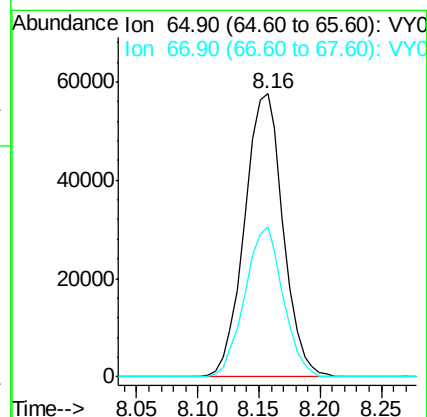
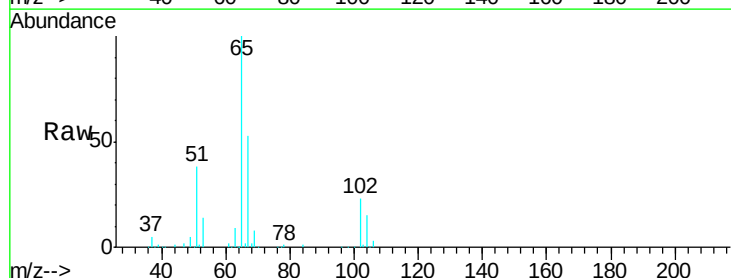
Acq: 07 Nov 2019 17:40

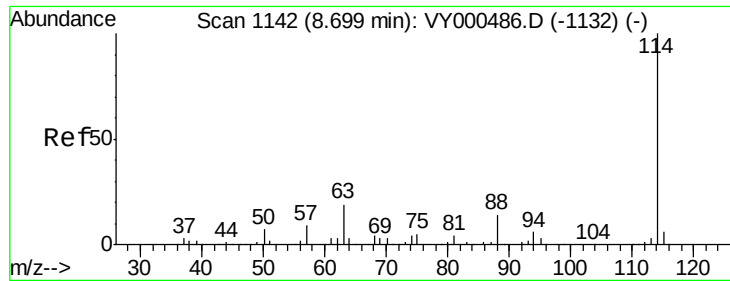
Tgt Ion: 65 Resp: 126262

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2

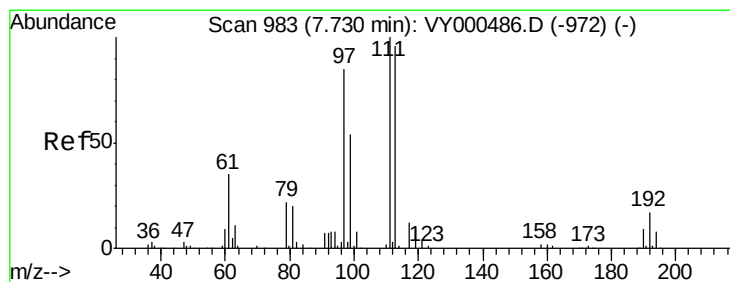
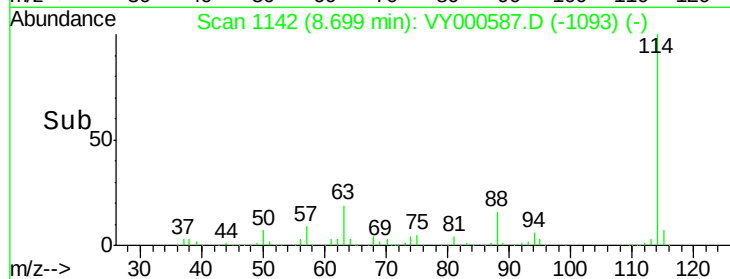
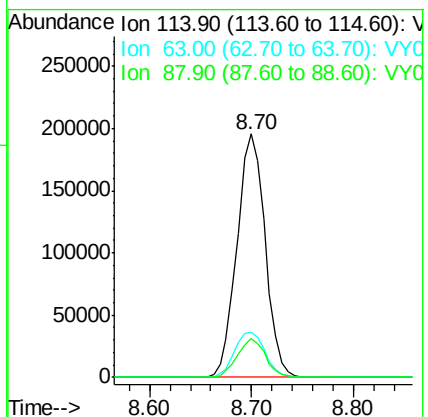
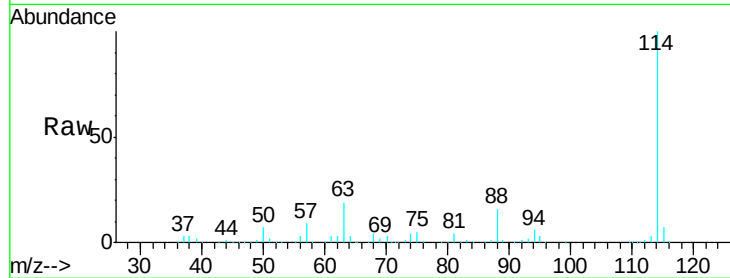




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000587.D
 Acq: 07 Nov 2019 17:40

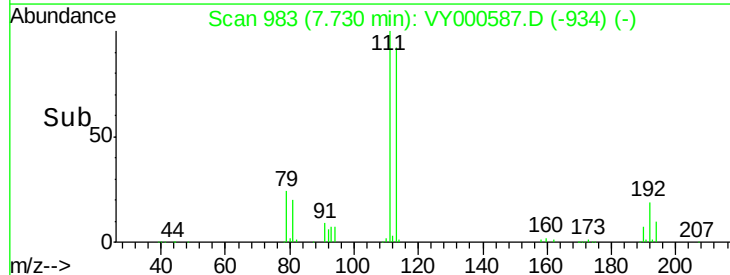
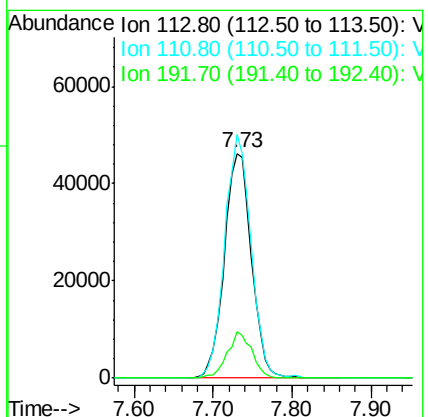
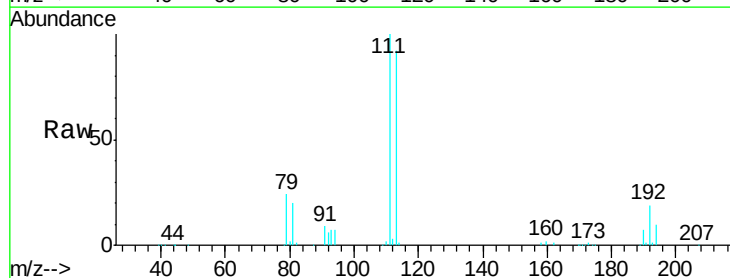
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-110619

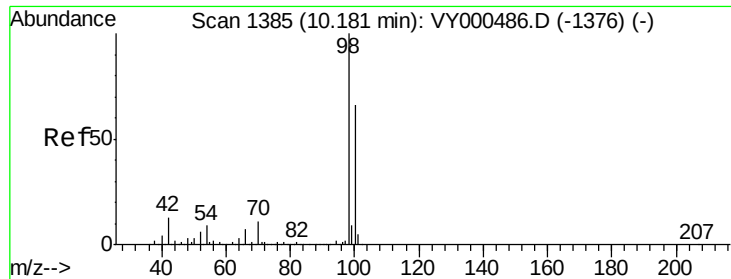
Tgt Ion:114 Resp: 373799
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 15.8 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 50.424 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000587.D
 Acq: 07 Nov 2019 17:40

Tgt Ion:113 Resp: 110652
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.7 122.5
 192 18.9 15.0 22.4





#50

Toluene-d8

Concen: 52.213 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000587.D

Acq: 07 Nov 2019 17:40

Instrument :

MSVOA_Y

ClientSampleId :

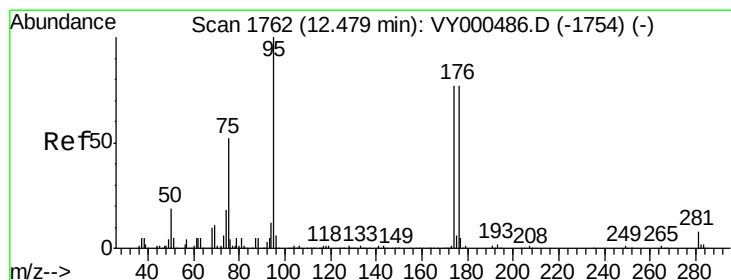
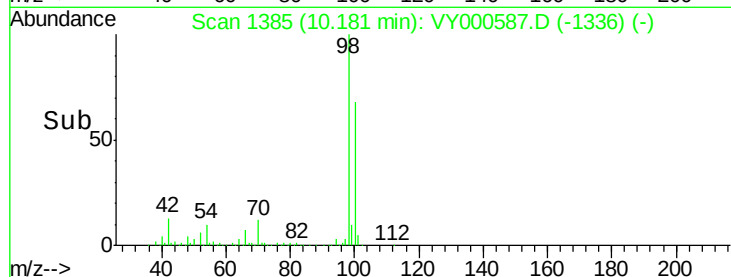
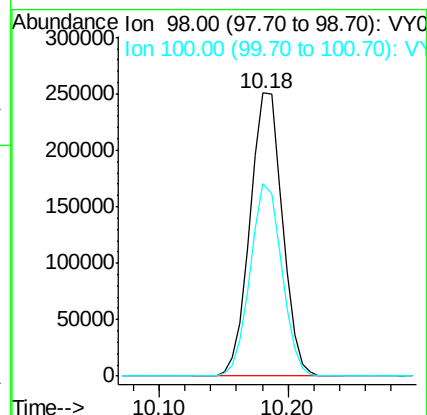
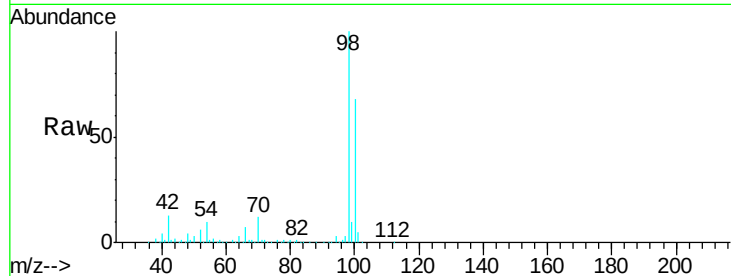
SU-04-110619

Tgt Ion: 98 Resp: 434766

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 43.066 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000587.D

Acq: 07 Nov 2019 17:40

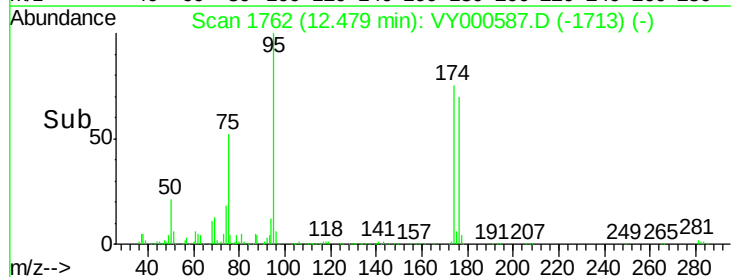
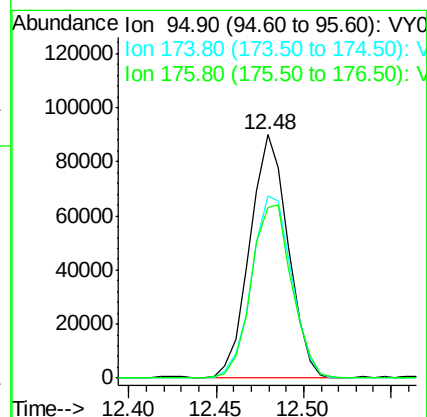
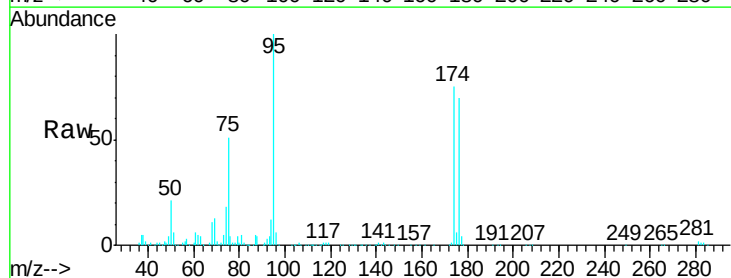
Tgt Ion: 95 Resp: 136518

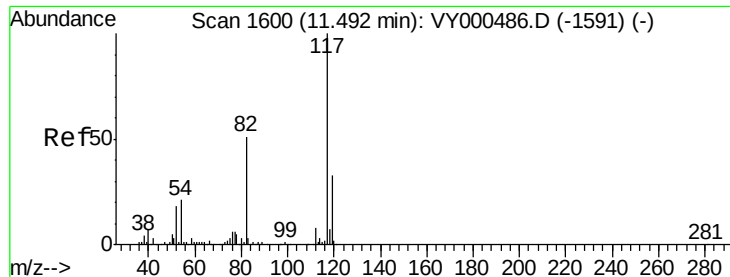
Ion Ratio Lower Upper

95 100

174 78.5 0.0 161.6

176 75.5 0.0 157.8

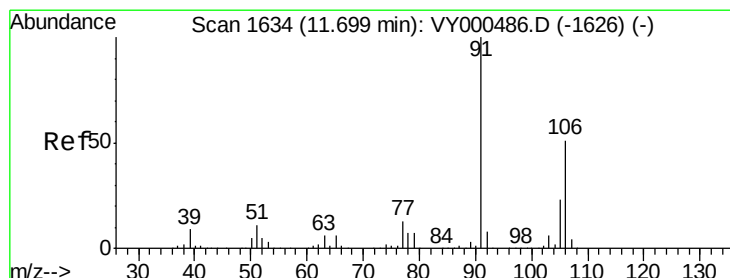
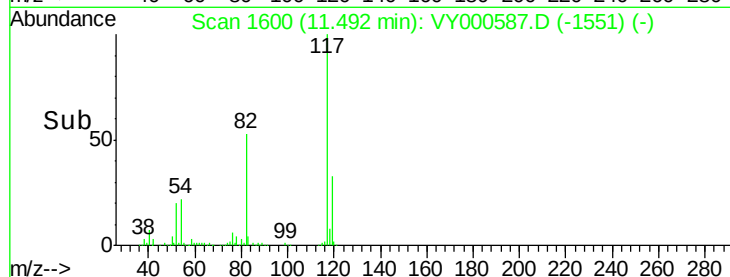
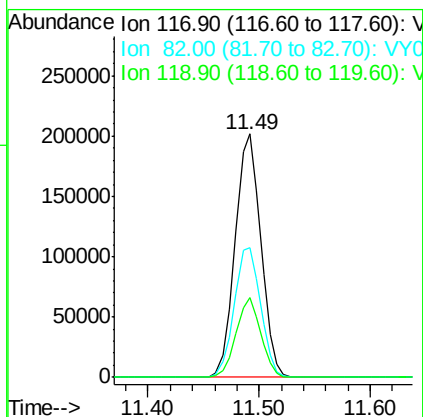
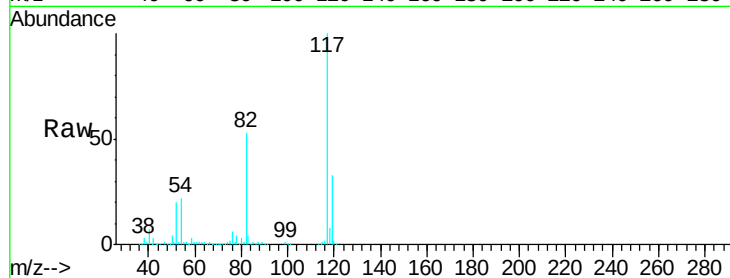




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000587.D
Acq: 07 Nov 2019 17:40

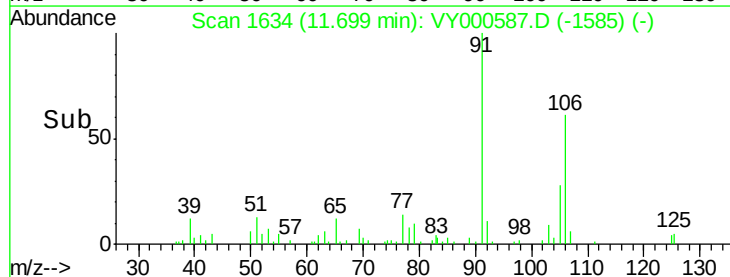
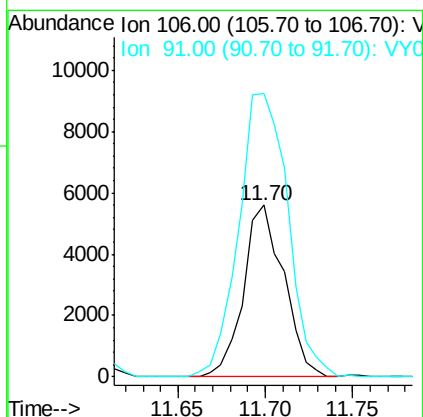
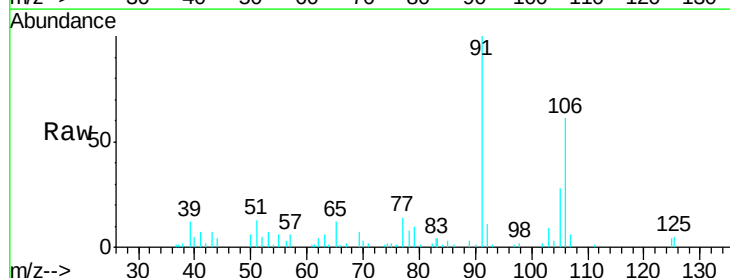
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-110619

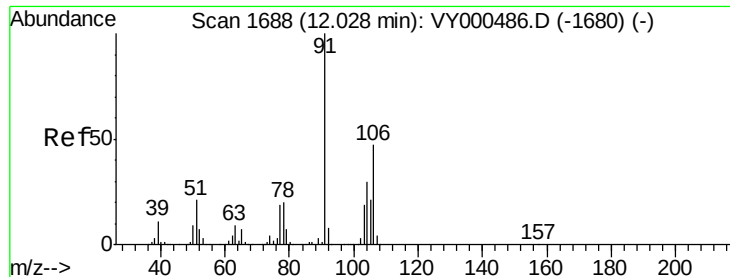
Tgt Ion:117 Resp: 322581
Ion Ratio Lower Upper
117 100
82 53.4 40.8 61.2
119 32.5 26.2 39.2



#68
m/p-Xylenes
Concen: 1.920 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000587.D
Acq: 07 Nov 2019 17:40

Tgt Ion:106 Resp: 8944
Ion Ratio Lower Upper
106 100
91 202.5 155.9 233.9

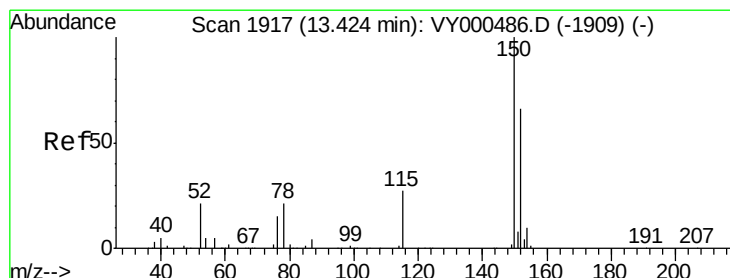
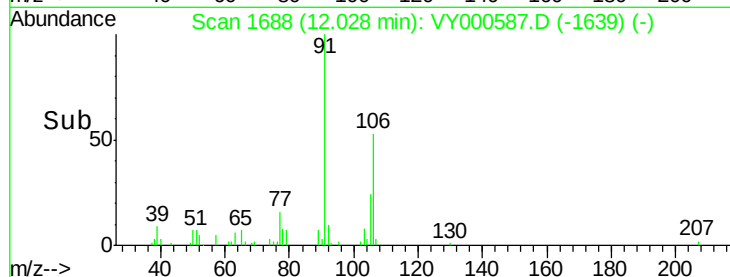
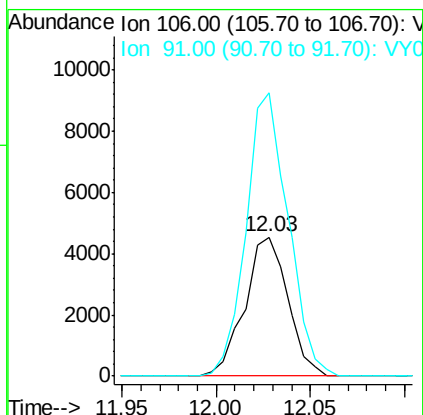
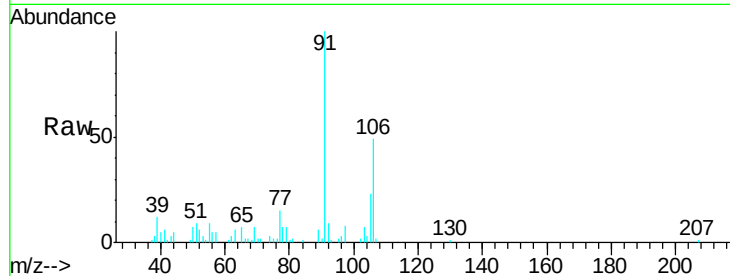




#69
o-Xylene
Concen: 1.652 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000587.D
Acq: 07 Nov 2019 17:40

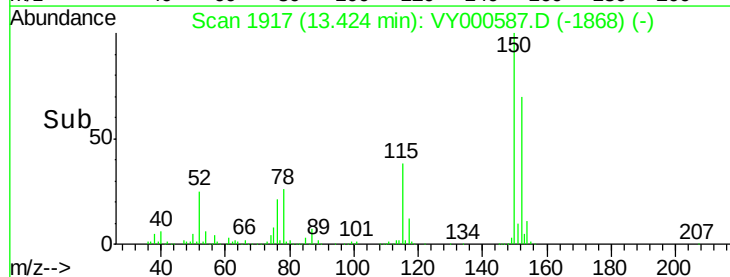
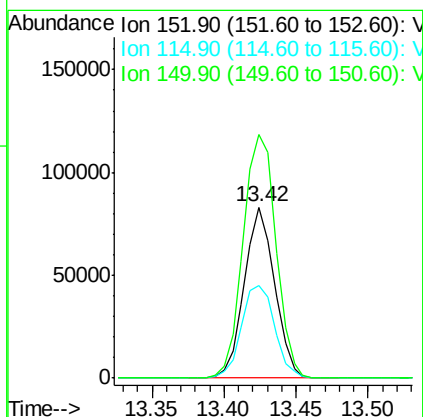
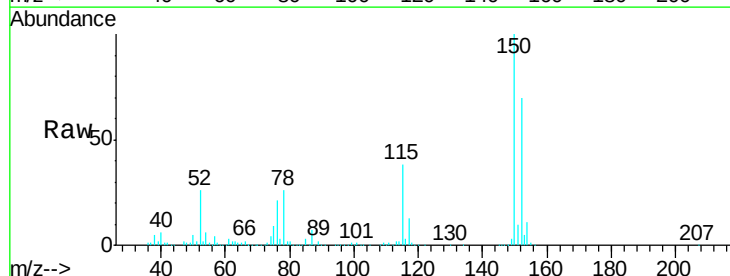
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ClientSampled :
SU-04-110619

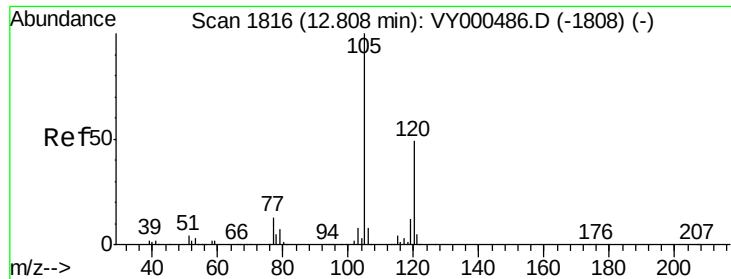
Tgt Ion:106 Resp: 7235
Ion Ratio Lower Upper
106 100
91 197.7 106.5 319.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000587.D
Acq: 07 Nov 2019 17:40

Tgt Ion:152 Resp: 121039
Ion Ratio Lower Upper
152 100
115 59.5 29.1 87.4
150 153.8 0.0 348.8

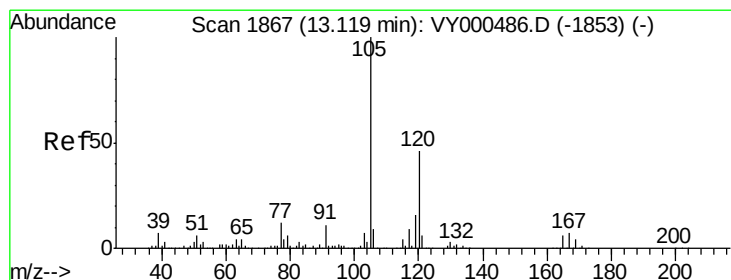
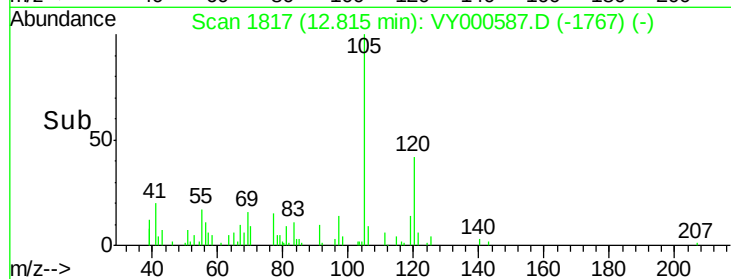
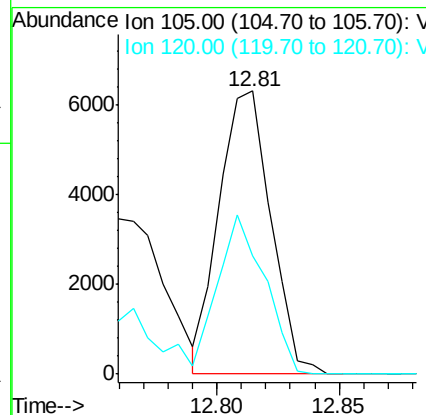
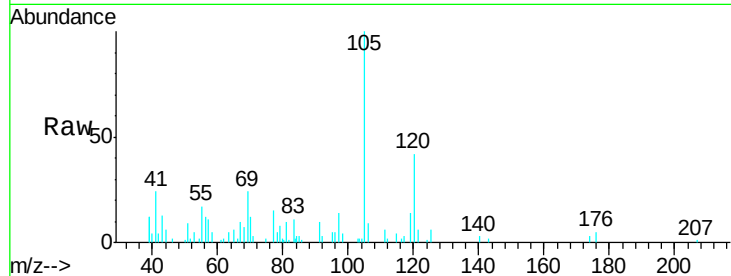




#80
 1,3,5-Trimethylbenzene
 Concen: 1.242 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY000587.D
 Acq: 07 Nov 2019 17:40

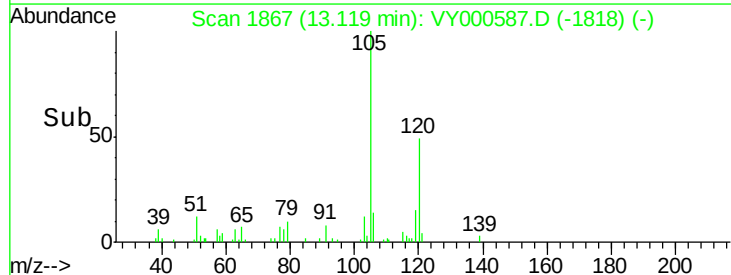
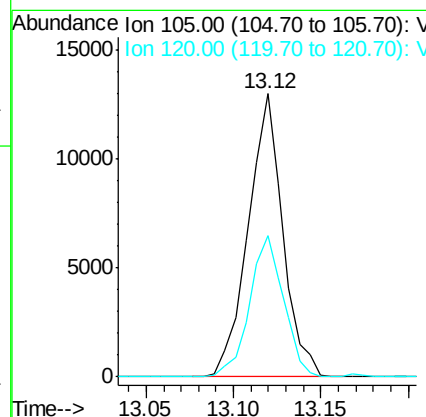
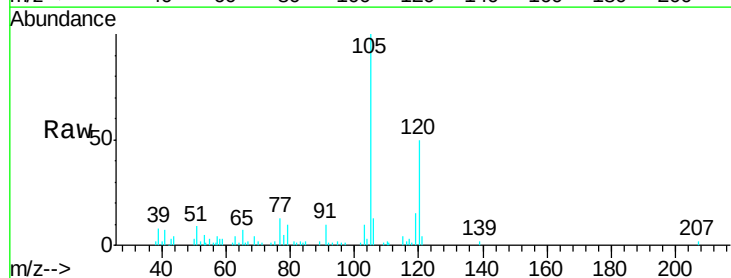
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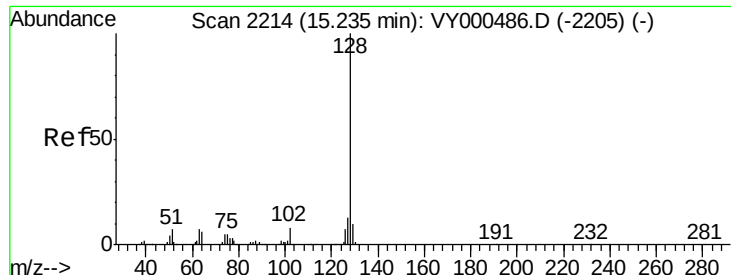
Tgt Ion:105 Resp: 9254
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.9 74.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.399 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000587.D
 Acq: 07 Nov 2019 17:40

Tgt Ion:105 Resp: 17797
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.3 69.9





#95

Naphthalene

Concen: 3.760 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000587.D

Acq: 07 Nov 2019 17:40

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-110619

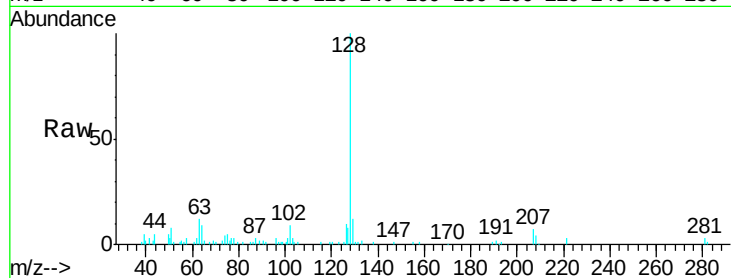
Tgt Ion:128 Resp: 20492

Ion Ratio Lower Upper

128 100

127 12.9 9.8 14.6

129 10.9 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

