

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001475.D
 Acq On : 03 Feb 2020 15:29
 Operator : SY/MD
 Sample : L1345-04
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 01-31-D

Manual Integrations
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 2/4/2020 11:21:51 AM

Quant Time: Feb 04 07:34:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	208637	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	380477	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	350380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	123164	54.25	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.73	113	115731	51.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	10.18	98	447871	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.48	95	174261	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
16) Acetone	3.96	43	7710	5.478	ug/l	96
39) Methylcyclohexane	9.19	83	10358	2.249	ug/l	92
67) Ethyl Benzene	11.60	91	25168	1.849	ug/l	100
68) m/p-Xylenes	11.70	106	34730	6.832	ug/l	97
78) n-propylbenzene	12.67	91	79002	5.191	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	53256	5.046	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	208913	19.715	ug/l	100
89) n-Butylbenzene	13.70	91	39853m	3.555	ug/l	
95) Naphthalene	15.23	128	243014	31.832	ug/l	99

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

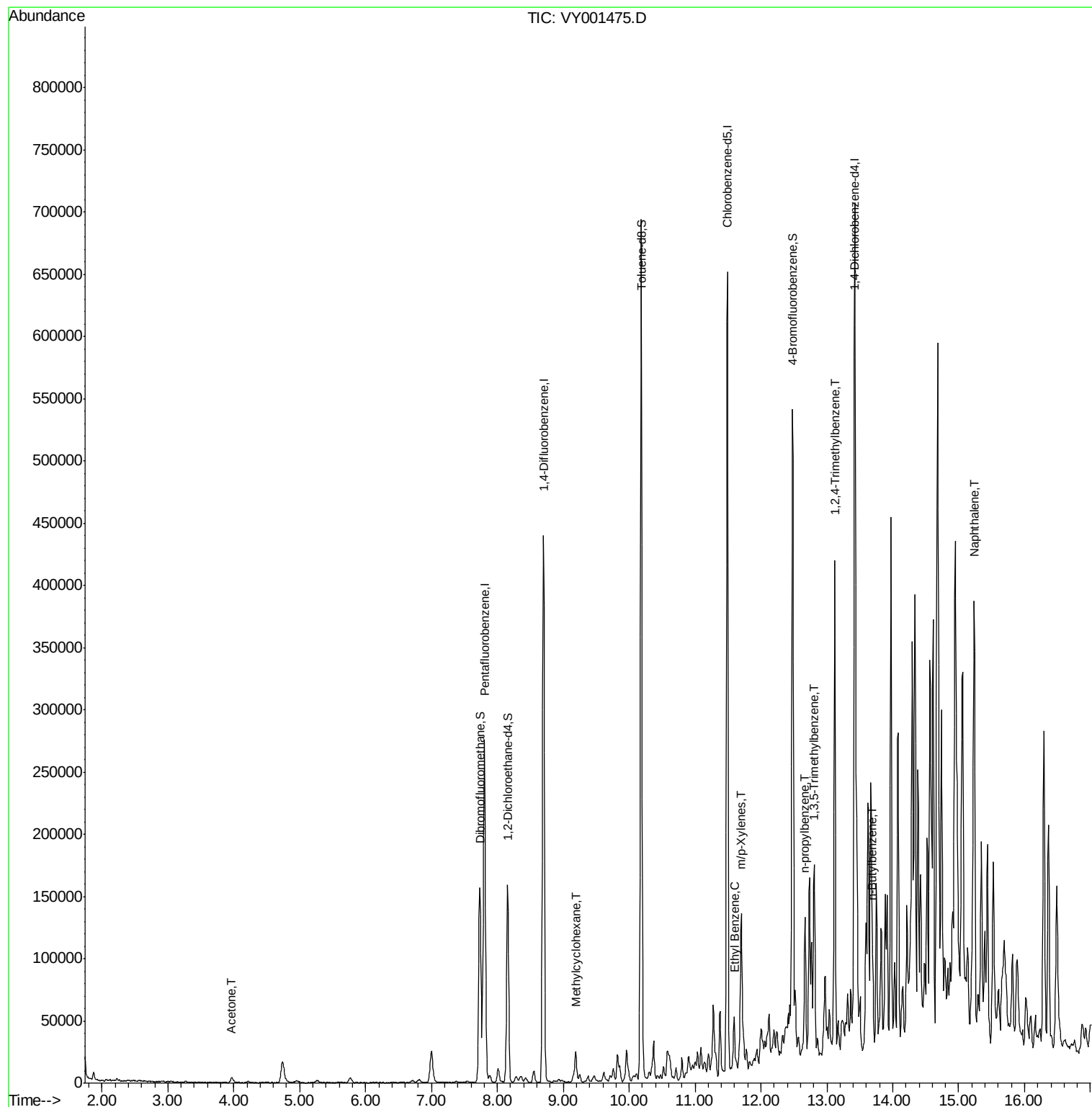
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
Data File : VY001475.D
Acq On : 03 Feb 2020 15:29
Operator : SY/MD
Sample : L1345-04
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

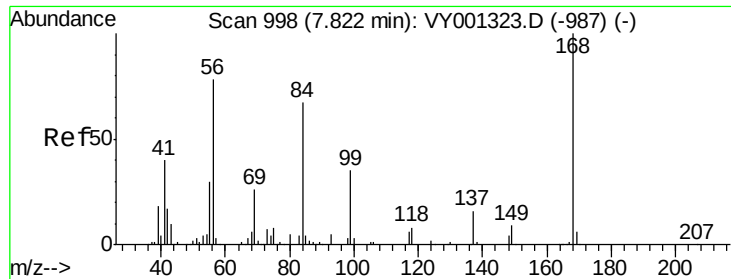
Instrument :
MSVOA_Y
ClientSampleId :
01-31-D

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2/4/2020 11:21:51 AM

Quant Time: Feb 04 07:34:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY001475.D

Acq: 03 Feb 2020 15:29

Instrument :

MSVOA_Y

ClientSampled :

01-31-D

Tot Ion:168 Resp: 208637

Ion Ratio Lower Upper

168 100

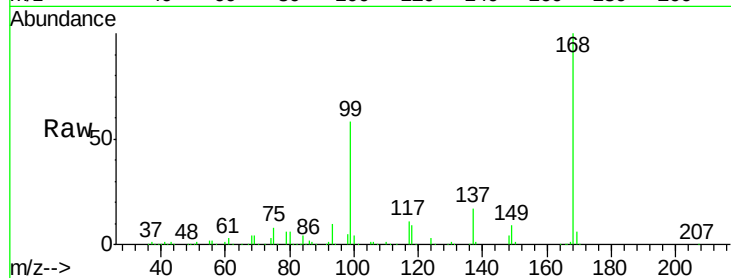
99 57.7 44.3 66.5

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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.80

100000

80000

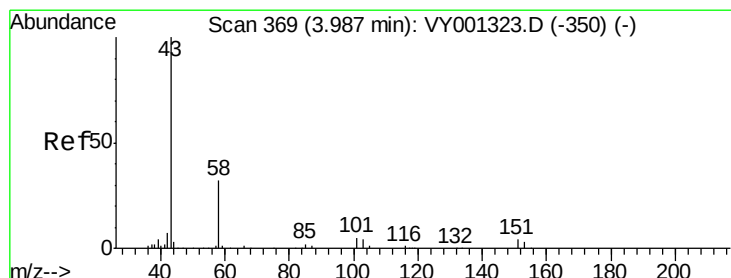
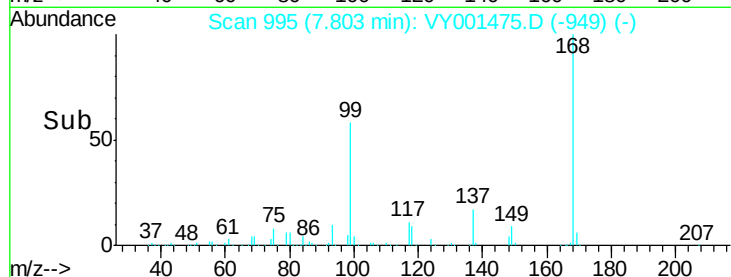
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.478 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.02 min

Lab File: VY001475.D

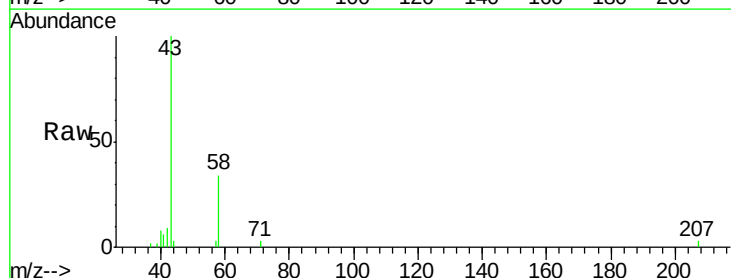
Acq: 03 Feb 2020 15:29

Tgt Ion: 43 Resp: 7710

Ion Ratio Lower Upper

43 100

58 33.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-350) (-)

3.96

3000

2500

2000

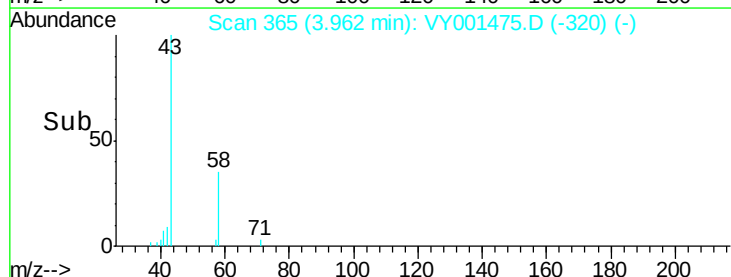
1500

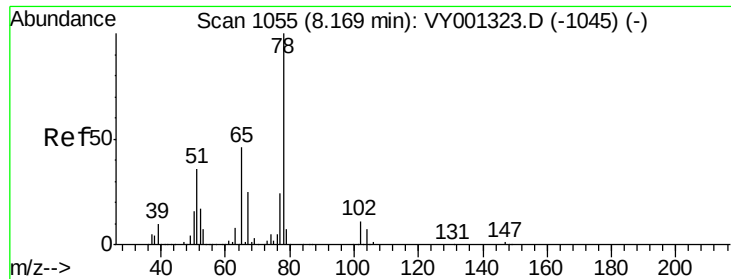
1000

500

0

Time-->





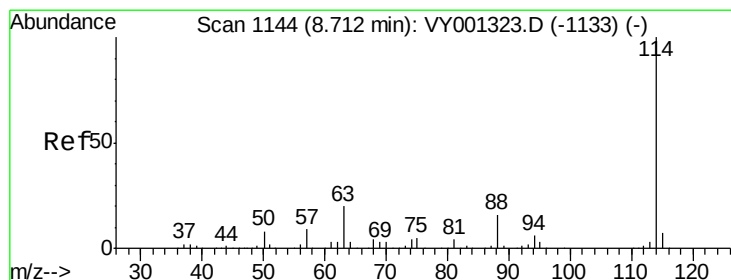
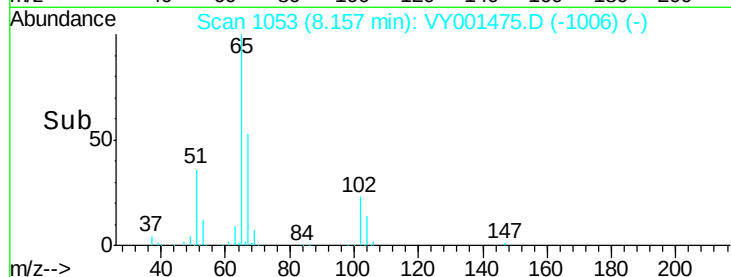
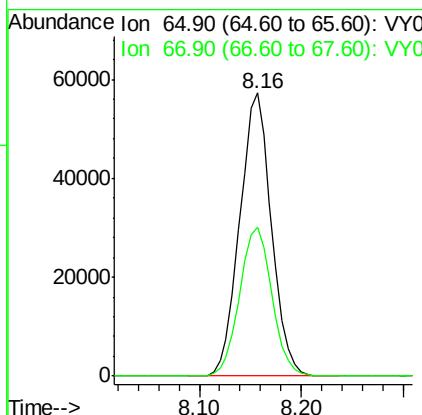
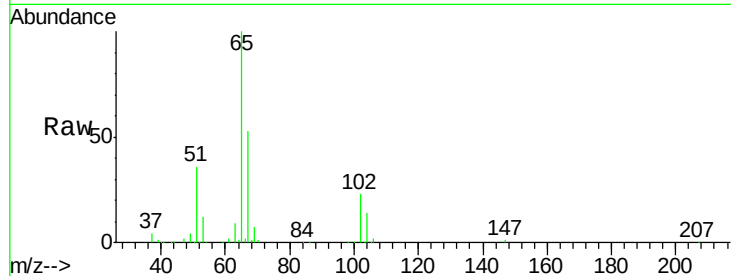
#33
 1,2-Dichloroethane-d4
 Concen: 54.251 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001475.D
 Acq: 03 Feb 2020 15:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 01-31-D

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.6

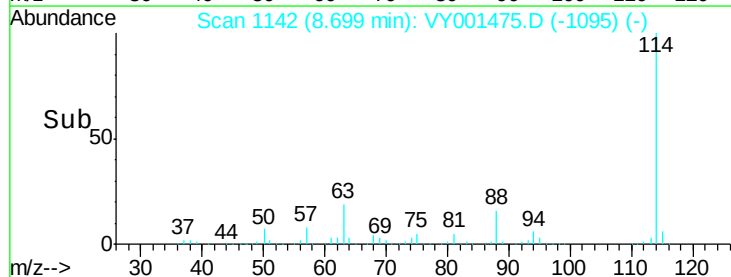
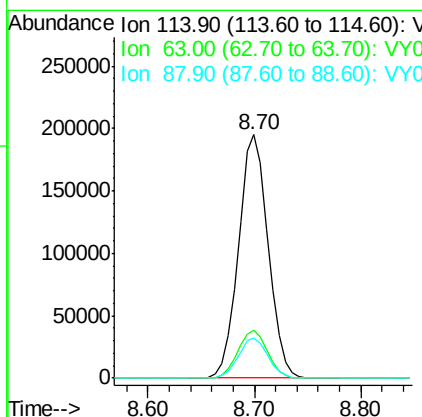
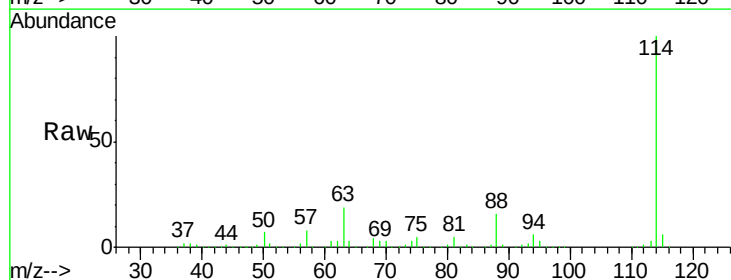
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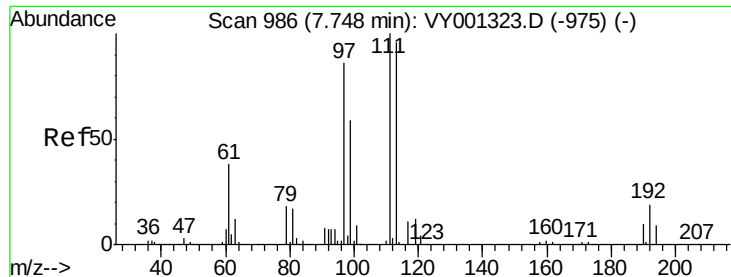
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001475.D
 Acq: 03 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	16.3	0.0	31.0





#35

Dibromofluoromethane

Concen: 51.826 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001475.D

Acq: 03 Feb 2020 15:29

Instrument :

MSVOA_Y

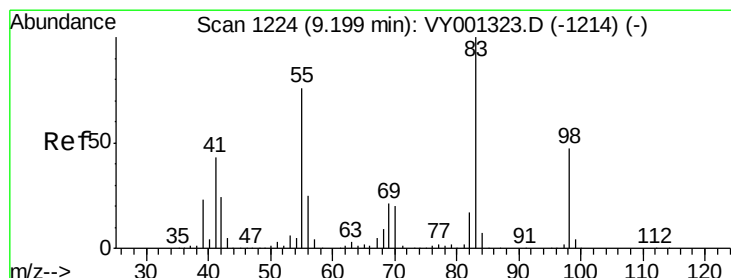
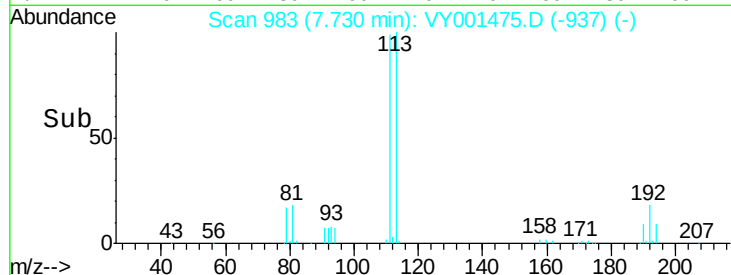
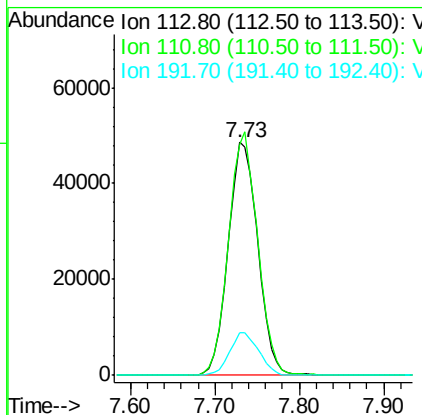
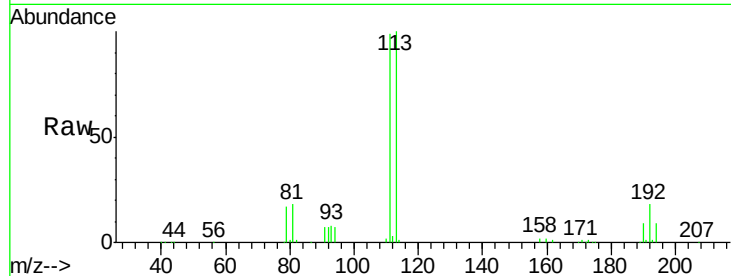
ClientSampleId :

01-31-D

Tot Ion:	113	Resp:	115731
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.8	124.2
192	18.1	15.5	23.3

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#39

Methylcyclohexane

Concen: 2.249 ug/l

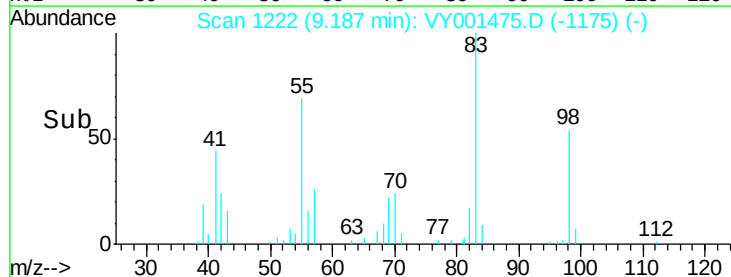
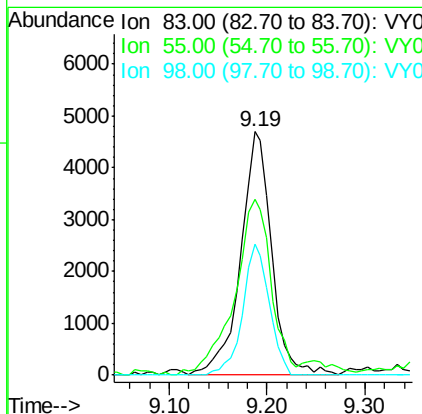
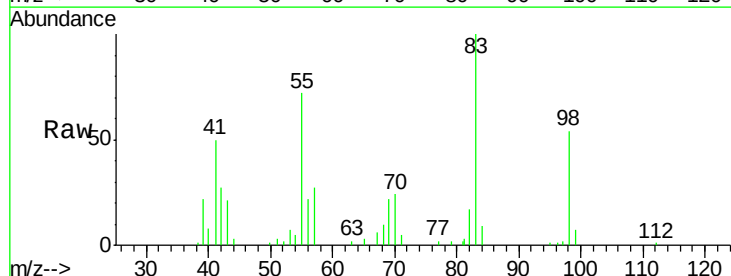
RT: 9.19 min Scan# 1222

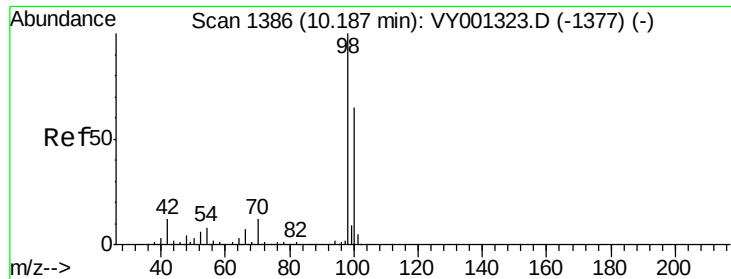
Delta R.T. -0.01 min

Lab File: VY001475.D

Acq: 03 Feb 2020 15:29

Tgt Ion:	83	Resp:	10358
Ion Ratio	Lower	Upper	
83	100		
55	70.2	60.7	91.1
98	53.7	37.8	56.8





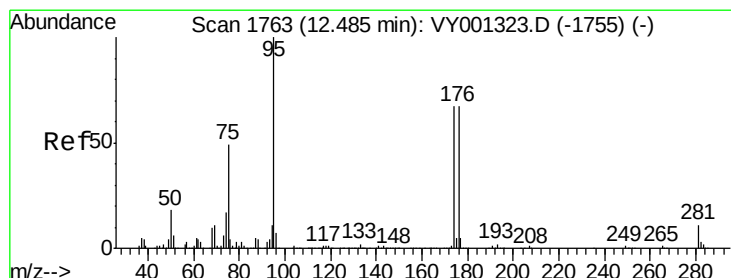
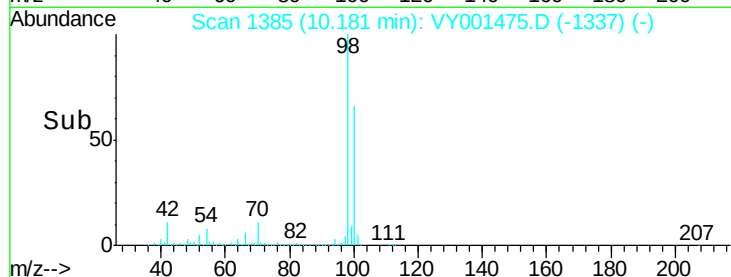
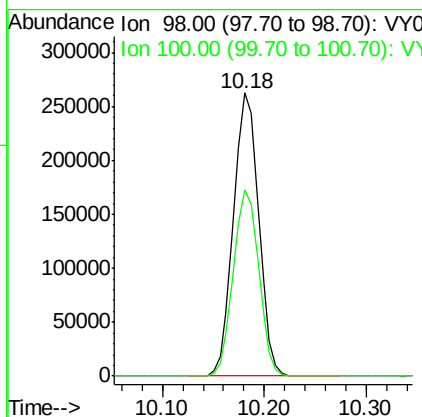
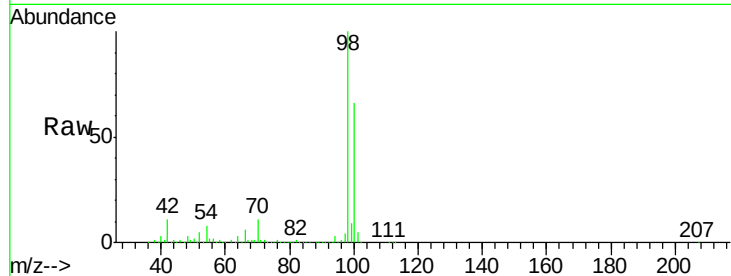
#50
Toluene-d8
Concen: 51.622 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :
01-31-D

Tot Ion: 98 Resp: 447871
Ion Ratio Lower Upper
98 100
100 66.1 52.6 79.0

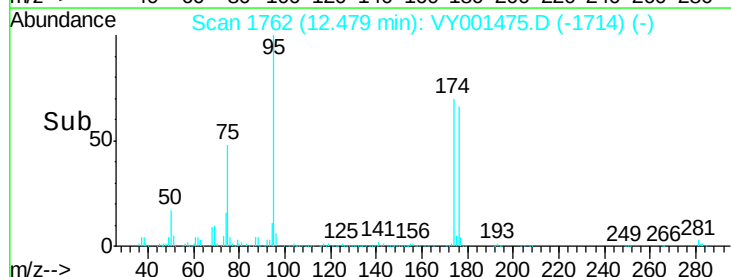
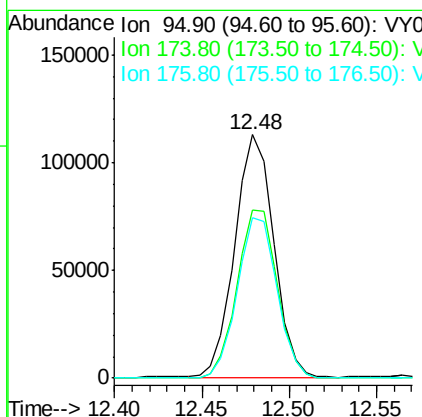
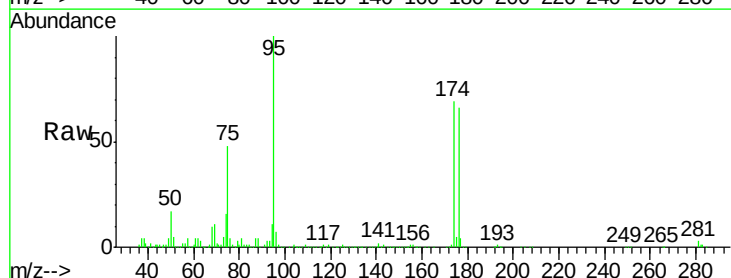
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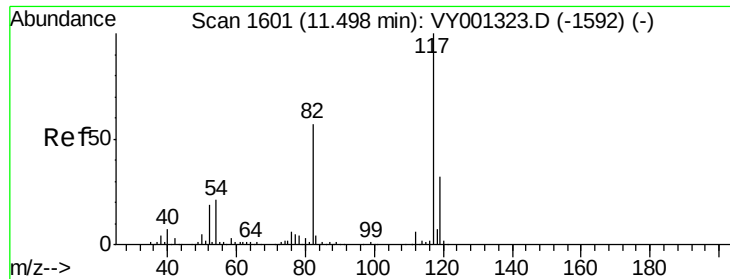
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#62
4-Bromofluorobenzene
Concen: 50.437 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion: 95 Resp: 174261
Ion Ratio Lower Upper
95 100
174 71.5 0.0 142.0
176 67.6 0.0 138.6





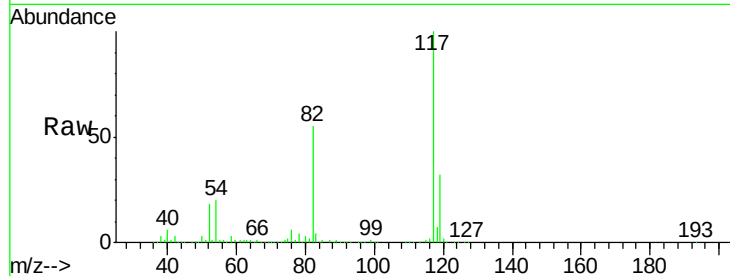
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampled :
01-31-D

Tot Ion	Ratio	Resp	Lower	Upper
117	100	350380		
82	54.9	45.5	68.3	
119	31.8	25.8	38.6	

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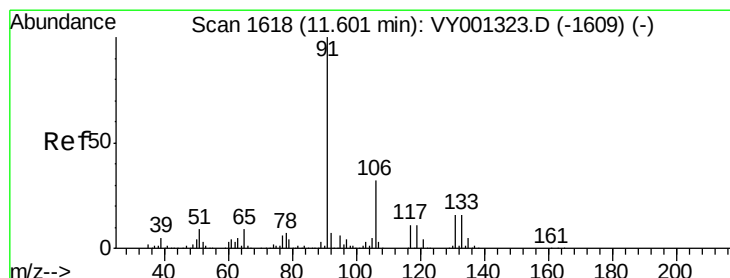
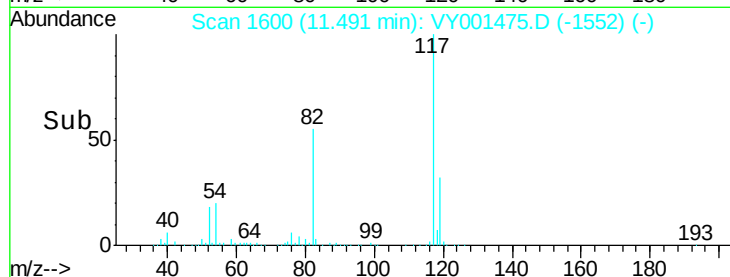
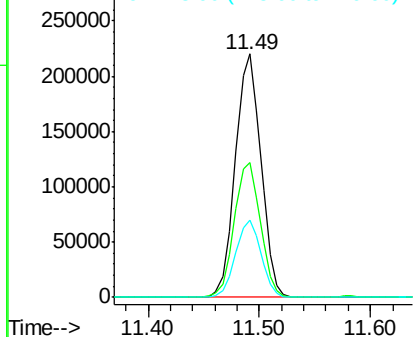


Abundance

Ion 116.90 (116.60 to 117.60): V

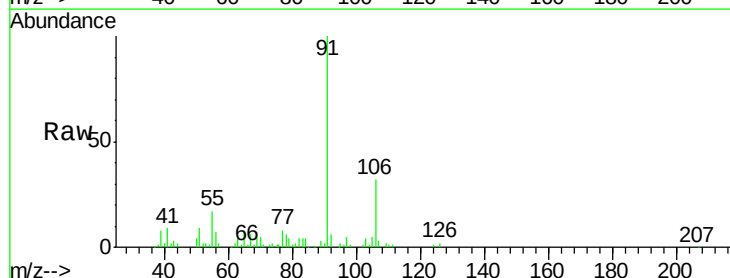
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#67
Ethyl Benzene
Concen: 1.849 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

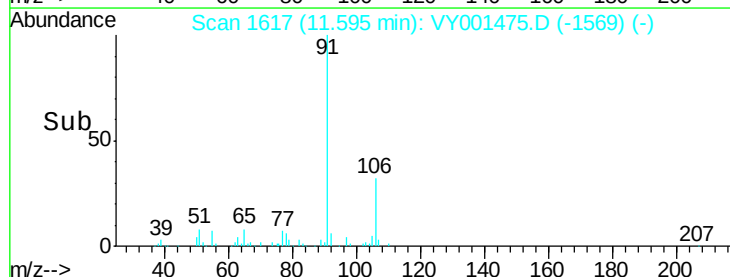
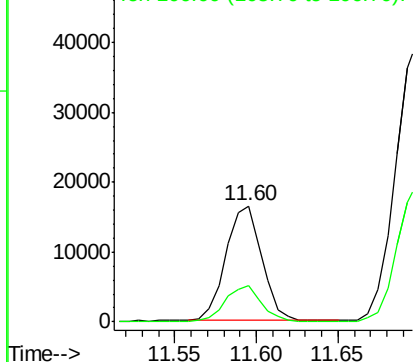
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	25168		
106	31.4	25.4	38.0	

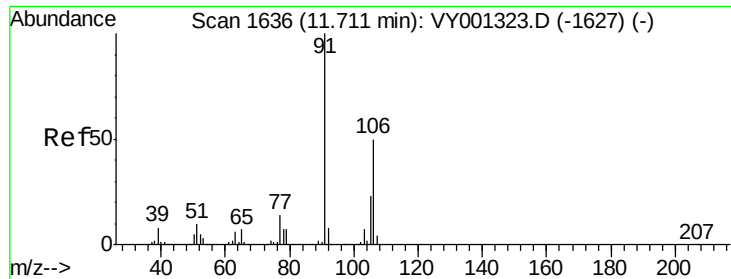


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V





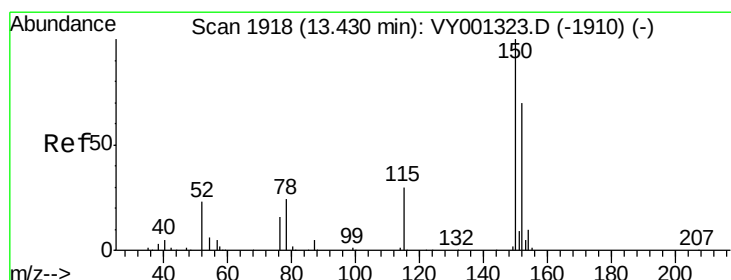
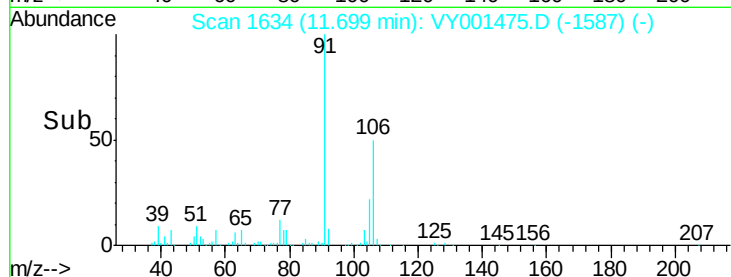
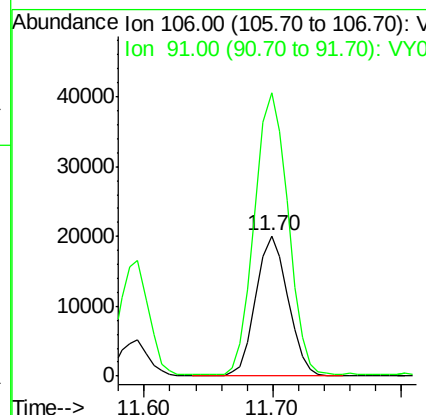
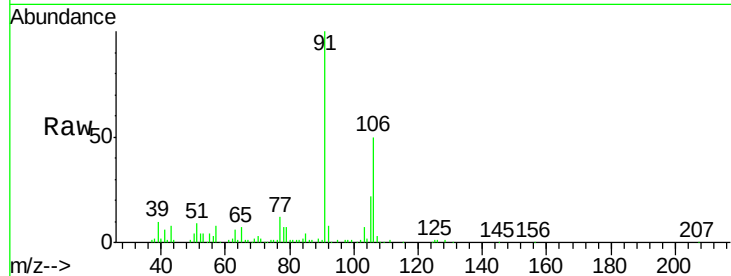
#68
m/p-Xvlenes
Concen: 6.832 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampled :
01-31-D

Tot Ion:106 Resp: 34730
Ion Ratio Lower Upper
106 100
91 208.6 162.8 244.2

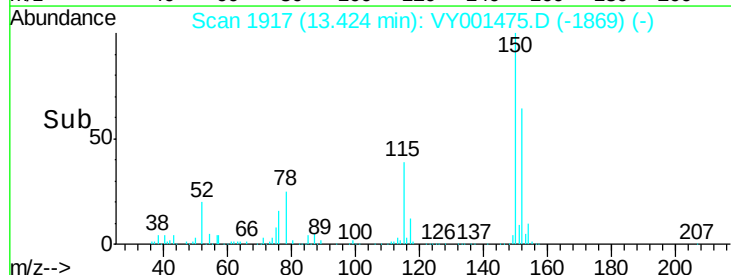
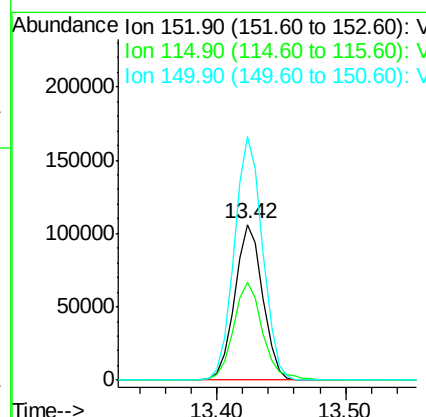
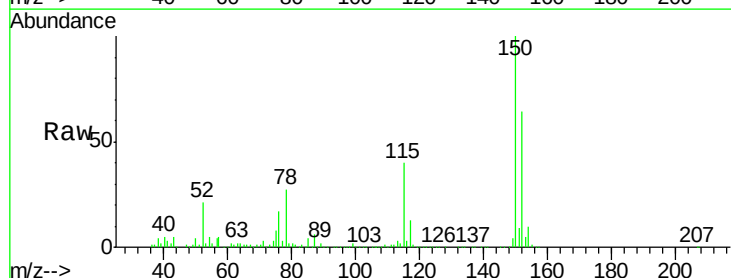
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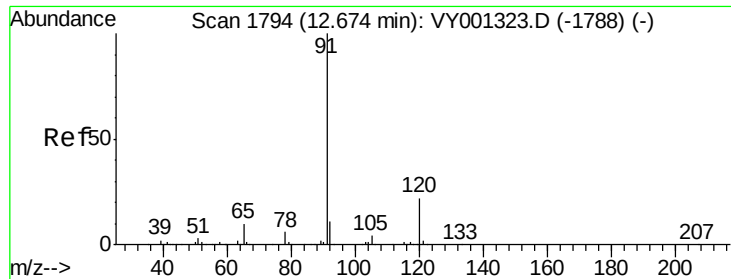
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Tgt Ion:152 Resp: 160248
Ion Ratio Lower Upper
152 100
115 65.2 30.9 92.8
150 158.4 0.0 349.2





#78

n-propylbenzene

Concen: 5.191 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY001475.D

Acq: 03 Feb 2020 15:29

Instrument :

MSVOA_Y

ClientSampled :

01-31-D

Tot Ion: 91 Resp: 79002

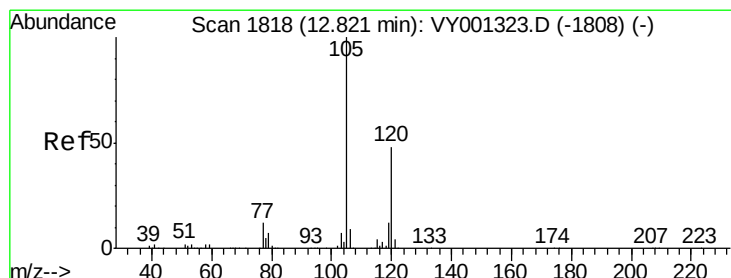
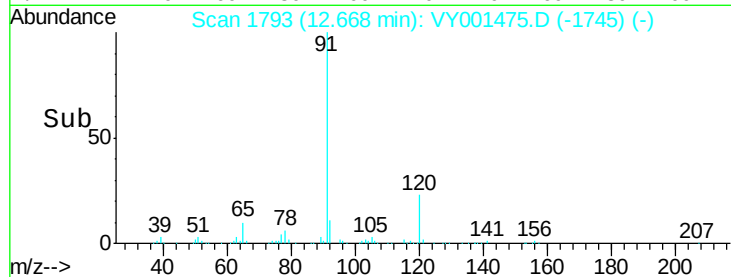
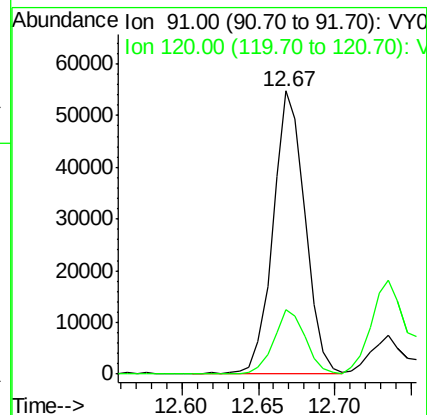
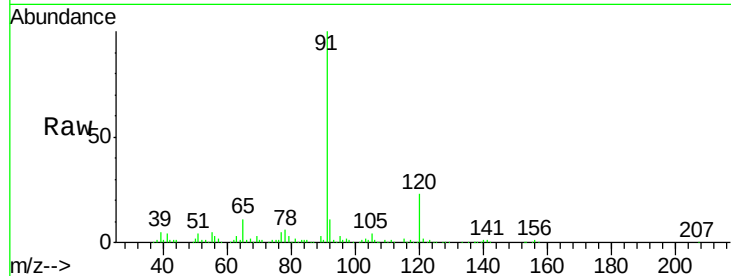
Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.8

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 5.046 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY001475.D

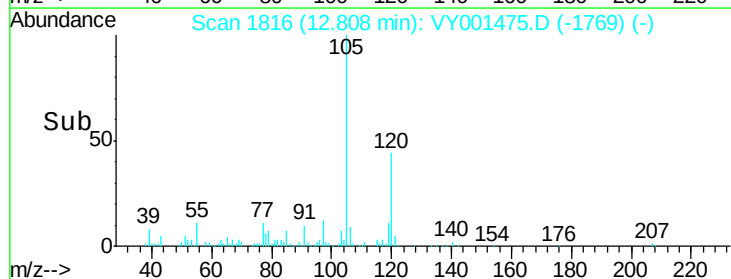
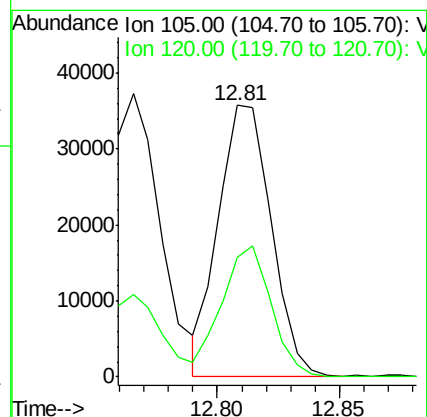
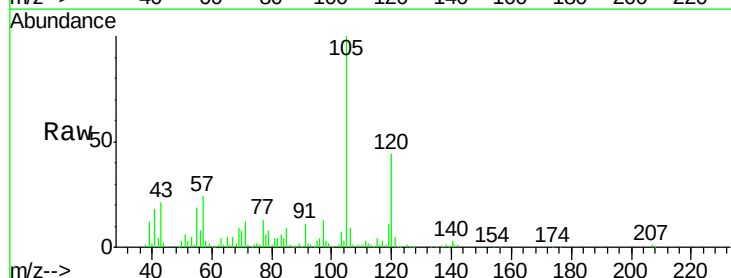
Acq: 03 Feb 2020 15:29

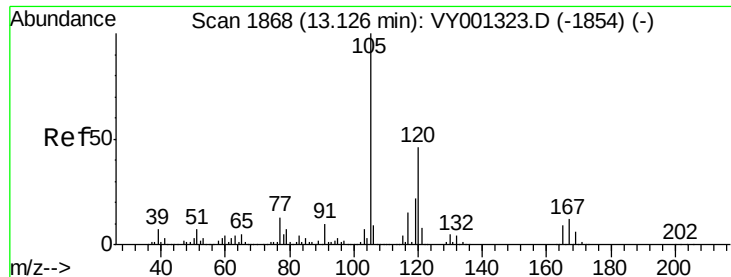
Tgt Ion: 105 Resp: 53256

Ion Ratio Lower Upper

105 100

120 45.7 24.3 72.9





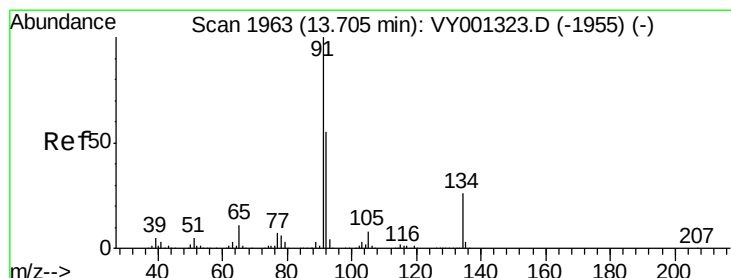
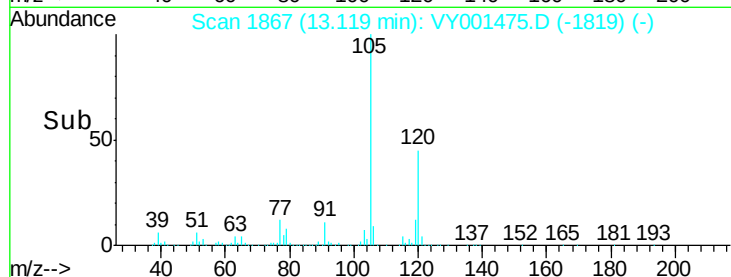
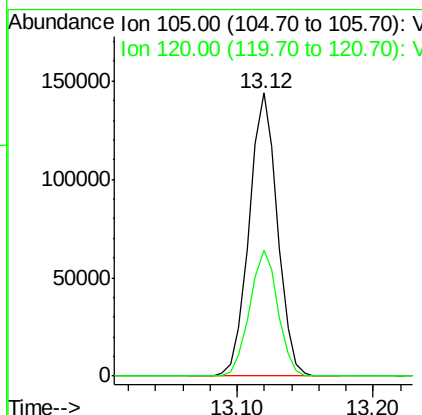
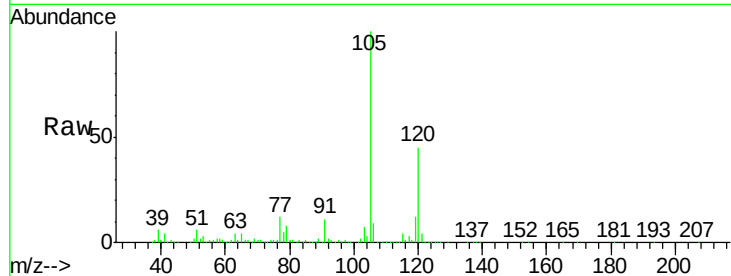
#84
 1,2,4-Trimethylbenzene
 Concen: 19.715 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001475.D
 Acq: 03 Feb 2020 15:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 01-31-D

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3

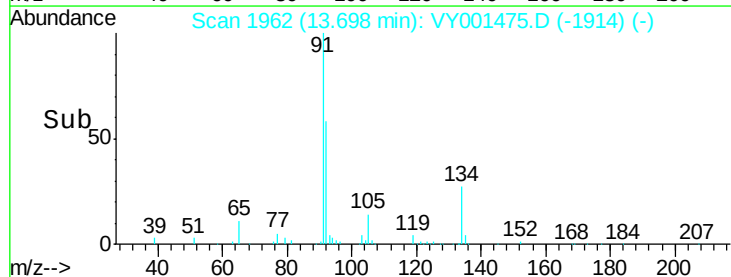
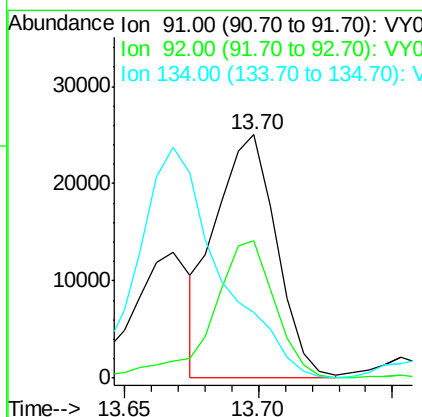
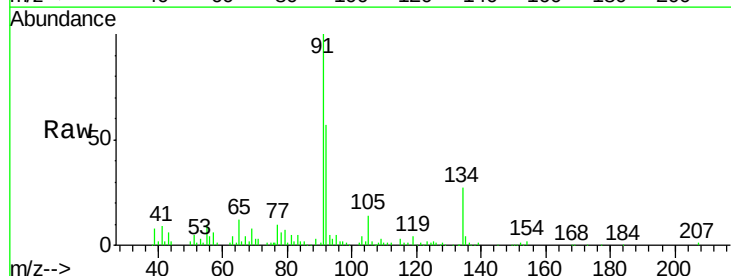
Manual Integrations
 APPROVED

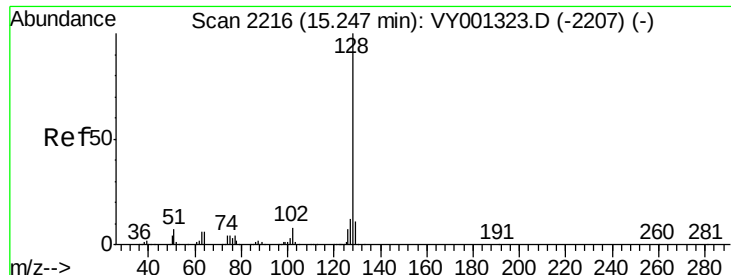
MMDadoda
 2/4/2020 11:21:51 AM



#89
 n-Butylbenzene
 Concen: 3.555 ug/l m
 RT: 13.70 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VY001475.D
 Acq: 03 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.6	82.8#
134	0.0	12.9	38.6#





#95
Naphthalene
Concen: 31.832 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001475.D
Acq: 03 Feb 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :
01-31-D

Tot Ion:	128	Resp:	243014
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/4/2020 11:21:51 AM

