

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002982.D
 Acq On : 22 Jun 2020 18:33
 Operator : SY/MD
 Sample : L3082-01
 Misc : 3.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 8:13:53 PM

Quant Time: Jun 23 09:39:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	313492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	474054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	455608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	237580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	149438	57.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.42%	
35) Dibromofluoromethane	7.72	113	142999	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
50) Toluene-d8	10.18	98	542635	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.48	95	201956	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	14499	22.608	ug/l #	56
31) Cyclohexane	7.78	56	29419	6.617	ug/l #	83
39) Methylcyclohexane	9.18	83	31257	6.159	ug/l #	85
52) Toluene	10.24	92	618567	83.386	ug/l	97
67) Ethyl Benzene	11.59	91	759728	51.071	ug/l	98
68) m/p-Xylenes	11.70	106	1341157	232.009	ug/l	97
69) o-Xylene	12.03	106	507129	93.069	ug/l	100
70) Styrene	12.03	104	26371	2.801	ug/l #	1
73) Isopropylbenzene	12.33	105	394922	27.122	ug/l	99
78) n-propylbenzene	12.67	91	906995	53.691	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	913187	75.231	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	3346412	273.973	ug/l	98
85) sec-Butylbenzene	13.25	105	62207m	4.206	ug/l	
86) p-Isopropyltoluene	13.37	119	25973m	1.872	ug/l	
89) n-Butylbenzene	13.69	91	114700	9.146	ug/l #	67
95) Naphthalene	15.23	128	847463	86.641	ug/l	100

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

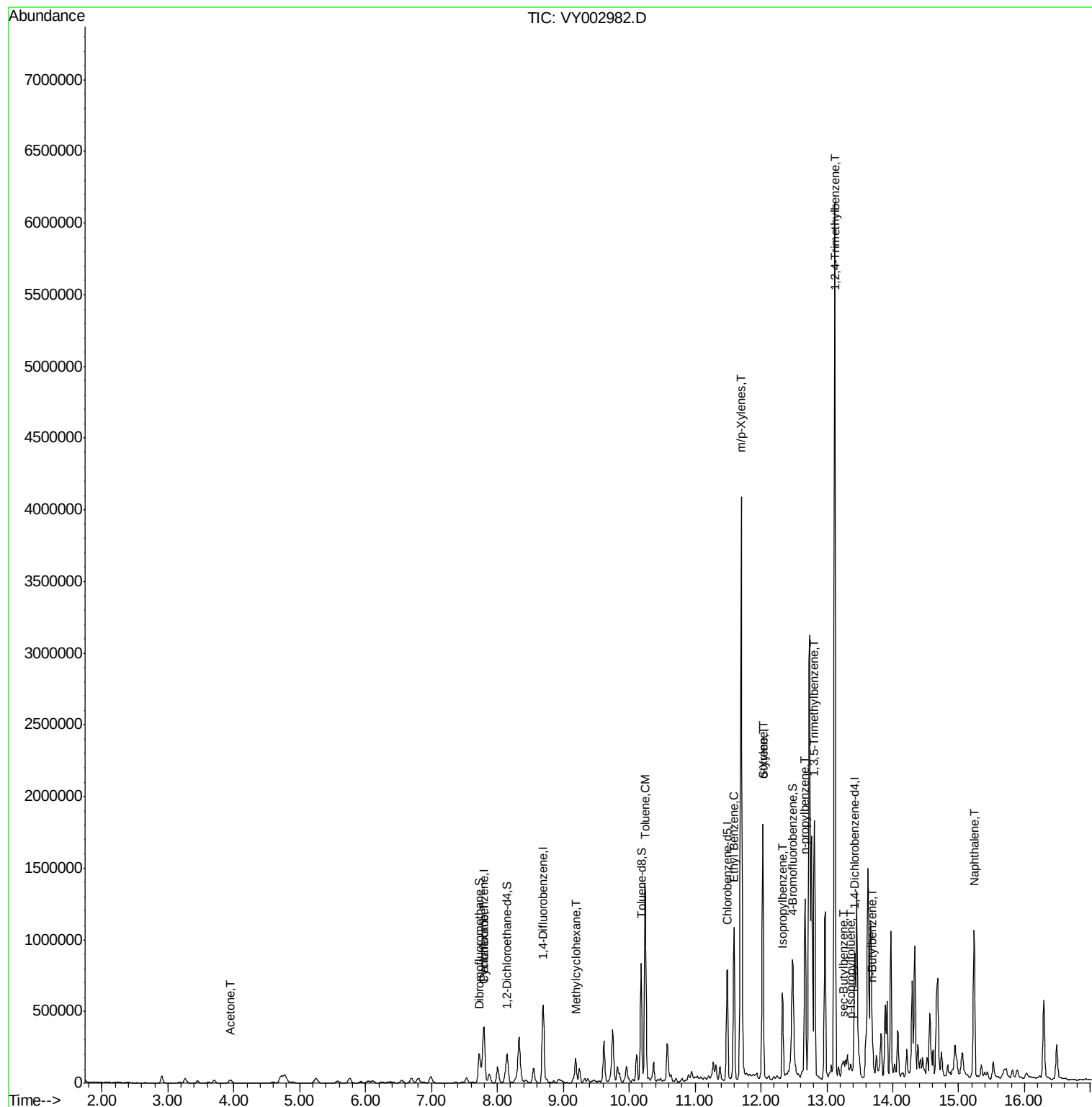
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002982.D
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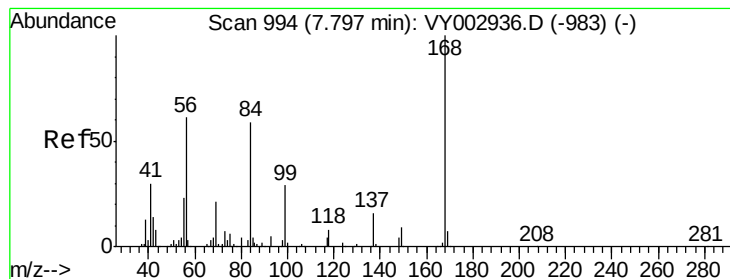
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Manual Integrations
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Quant Time: Jun 23 09:39:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 20 06:39:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002982.D

Acq: 22 Jun 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

Tot Ion:168 Resp: 313492

Ion Ratio Lower Upper

168 100

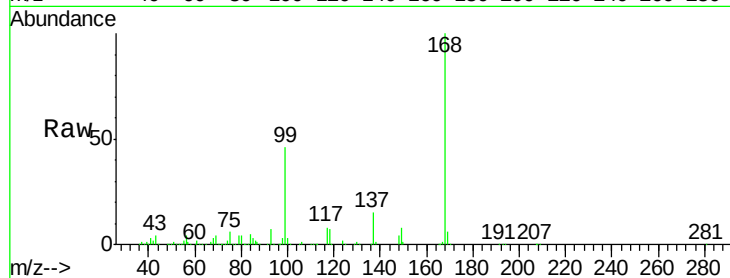
99 45.8 39.5 59.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

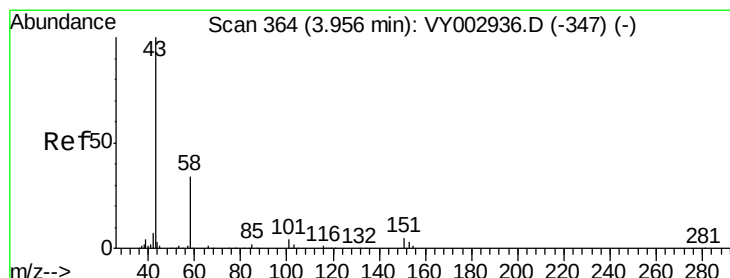
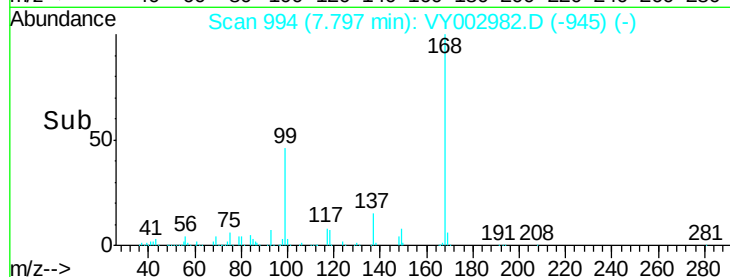
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.608 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002982.D

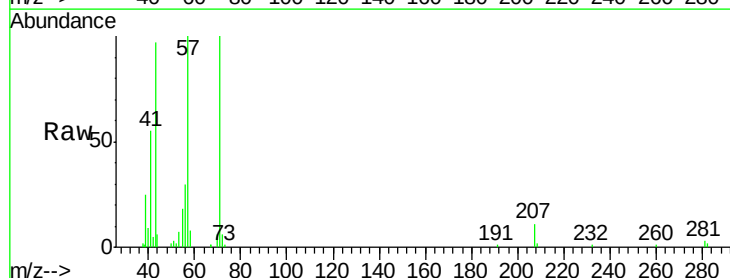
Acq: 22 Jun 2020 18:33

Tgt Ion: 43 Resp: 14499

Ion Ratio Lower Upper

43 100

58 8.6 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002936.D (-347) (-)

3.95

5000

4000

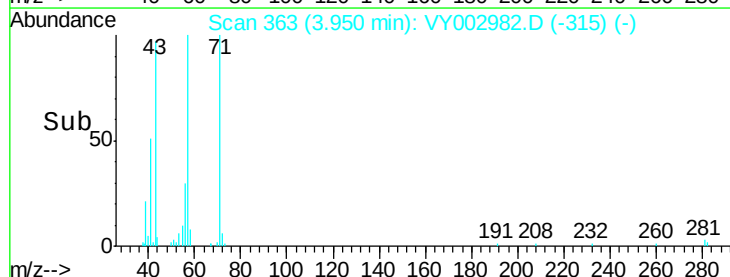
3000

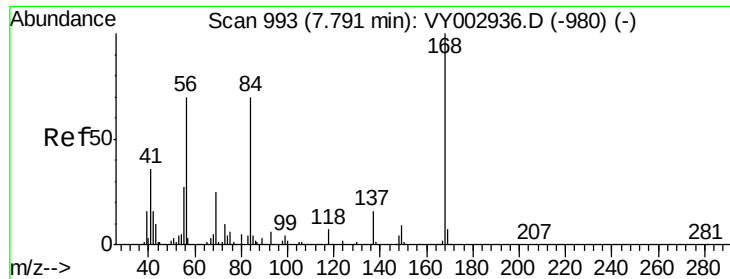
2000

1000

0

Time-->





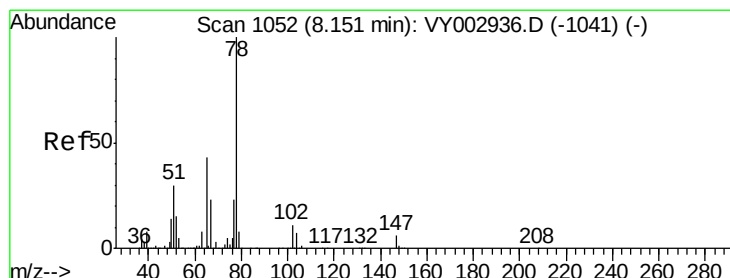
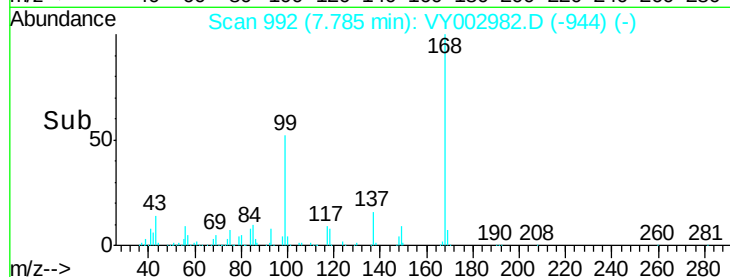
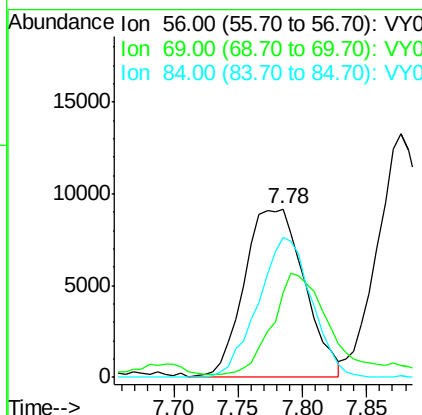
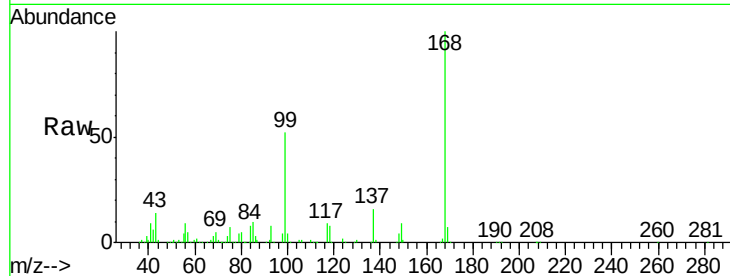
#31
Cyclohexane
Concen: 6.617 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	47.2	28.9	43.3#	
84	83.9	80.1	120.1	

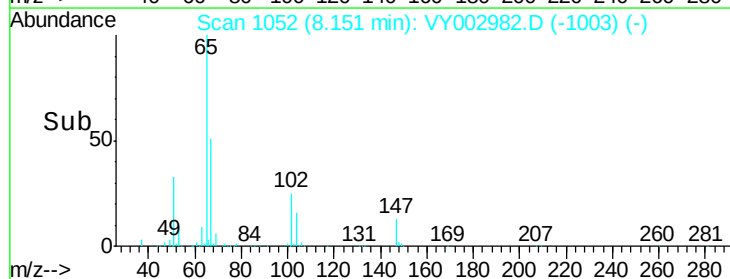
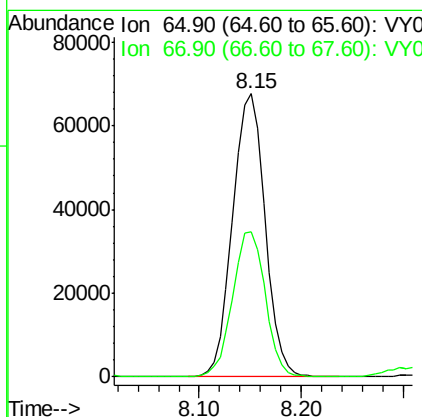
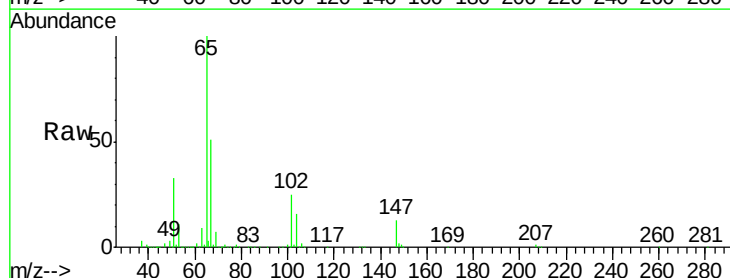
Manual Integrations
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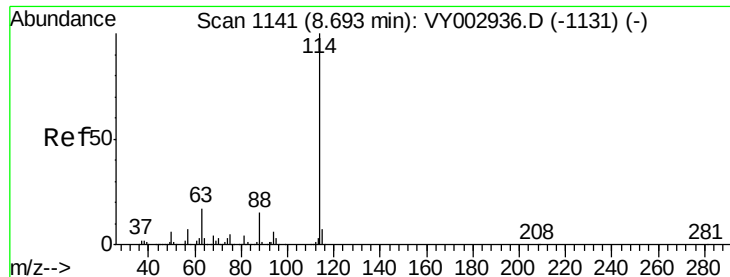
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#33
1,2-Dichloroethane-d4
Concen: 57.712 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	51.8	0.0	109.4	





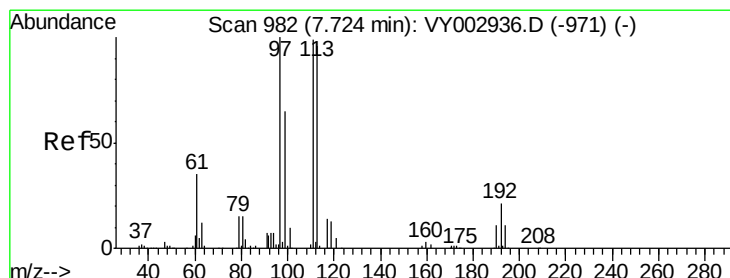
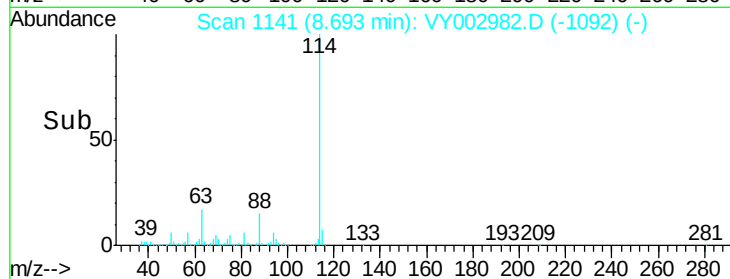
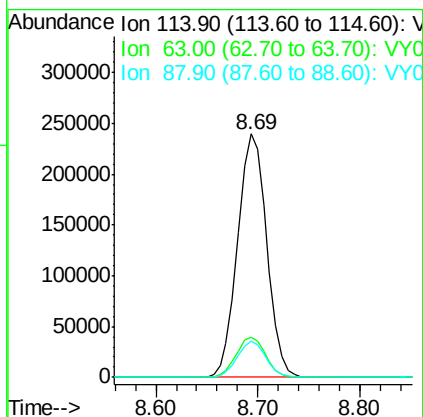
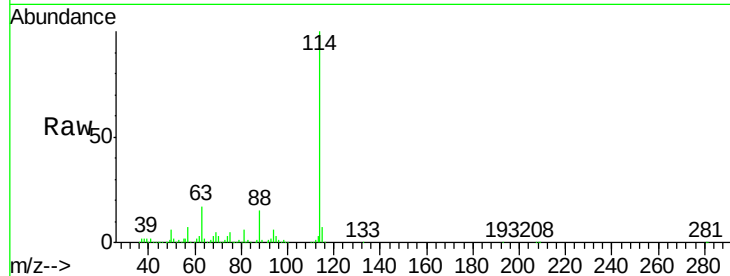
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002982.D
 Acq: 22 Jun 2020 18:33

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-1

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	16.6	0.0	34.6
88	14.9	0.0	29.2

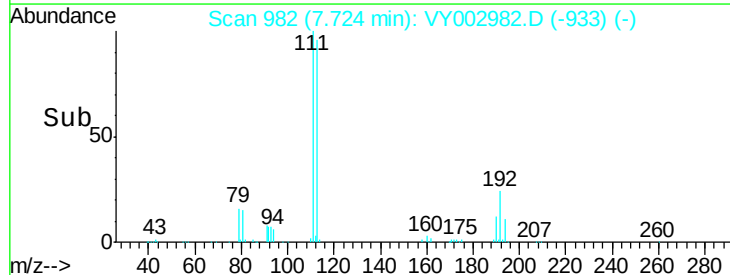
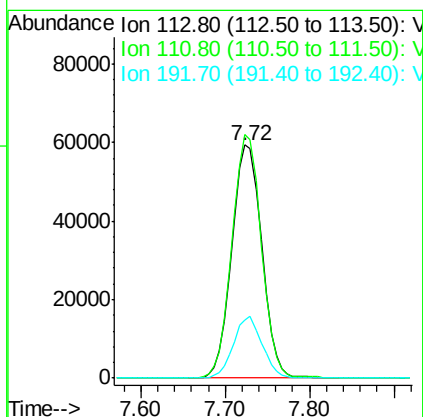
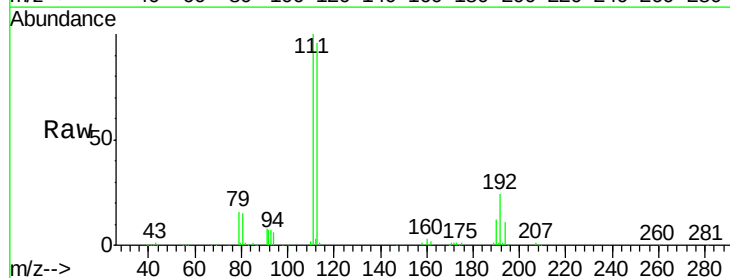
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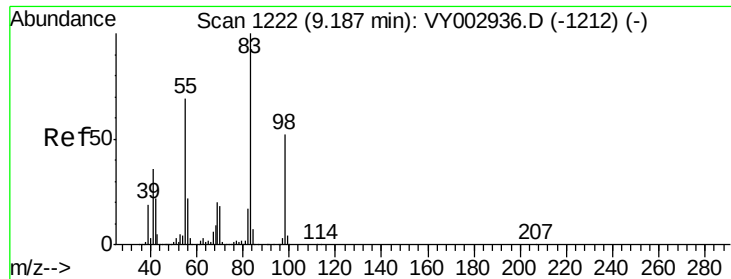
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#35
 Dibromofluoromethane
 Concen: 53.312 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002982.D
 Acq: 22 Jun 2020 18:33

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.4	81.5	122.3
192	25.2	19.2	28.8





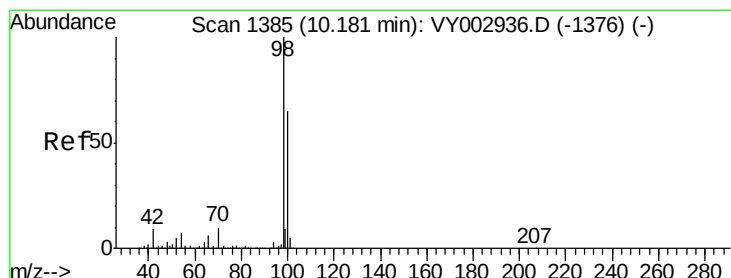
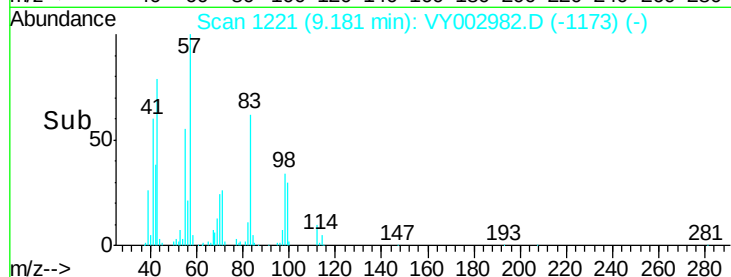
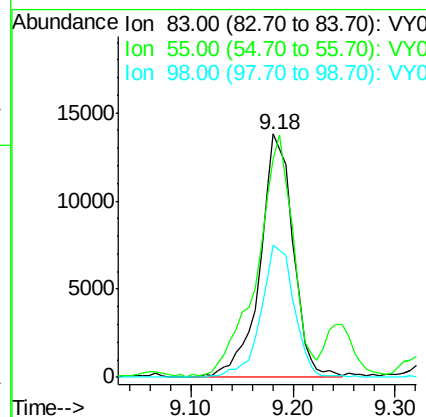
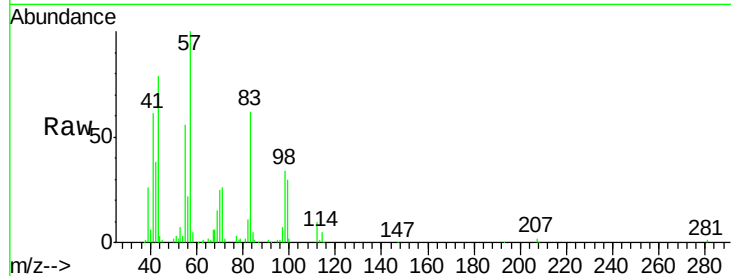
#39
Methylvlcyclohexane
Concen: 6.159 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.5	55.0	82.4#
98	54.4	41.4	62.2

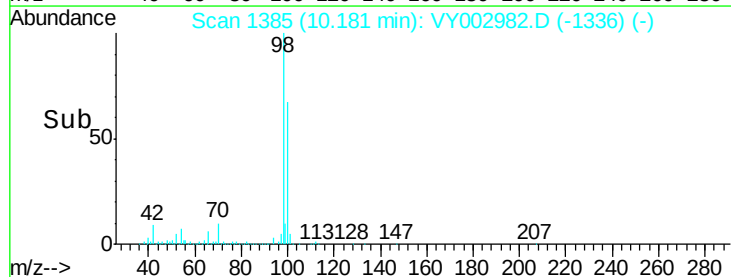
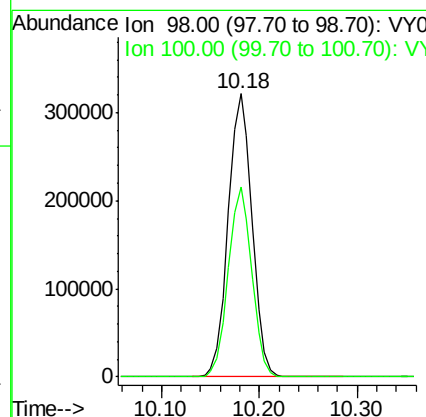
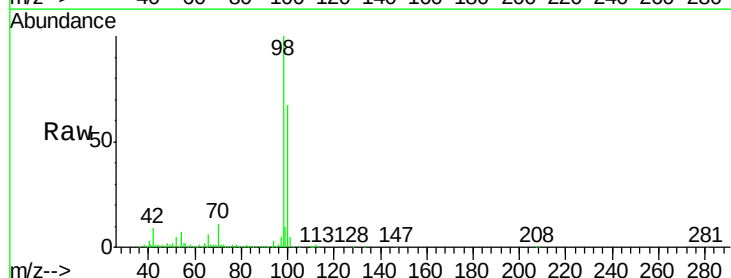
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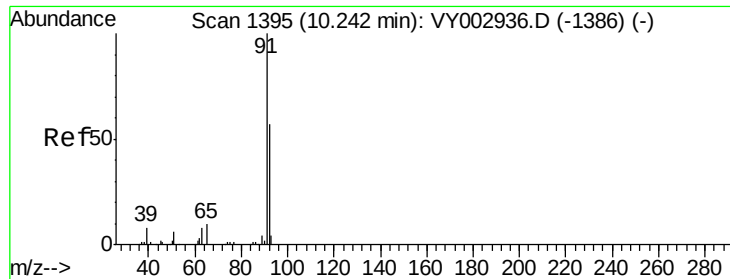
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#50
Toluene-d8
Concen: 51.307 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9





#52

Toluene

Concen: 83.386 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002982.D

Acq: 22 Jun 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

Tot Ion: 92 Resp: 618567

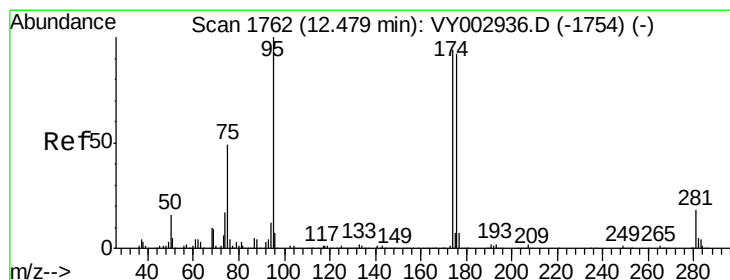
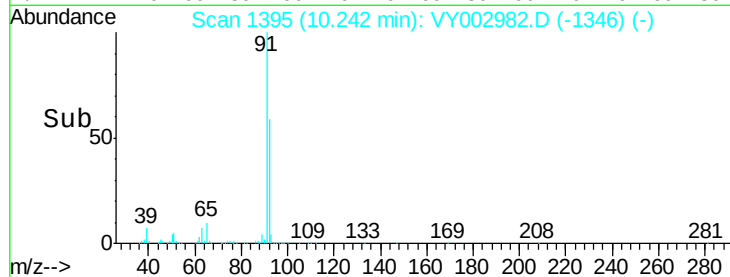
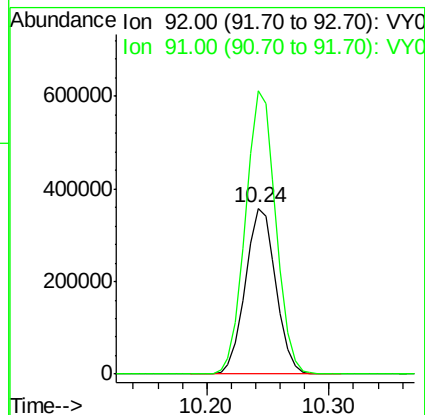
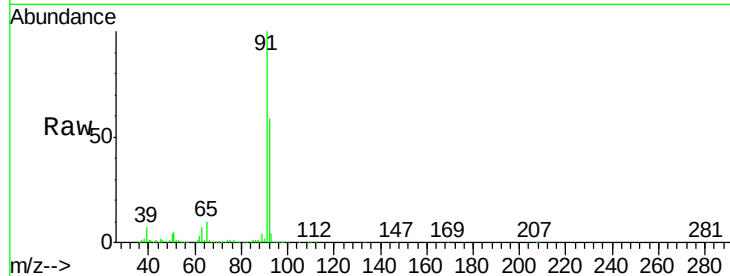
Ion Ratio Lower Upper

92 100

91 170.5 139.3 208.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 55.049 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002982.D

Acq: 22 Jun 2020 18:33

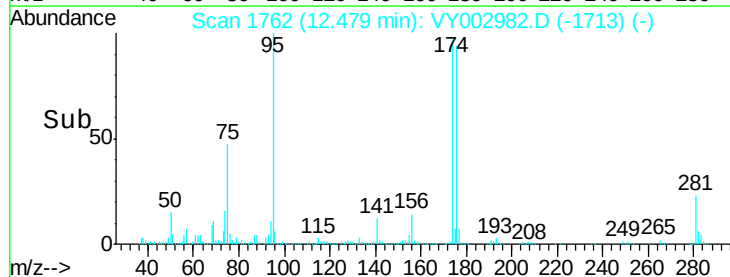
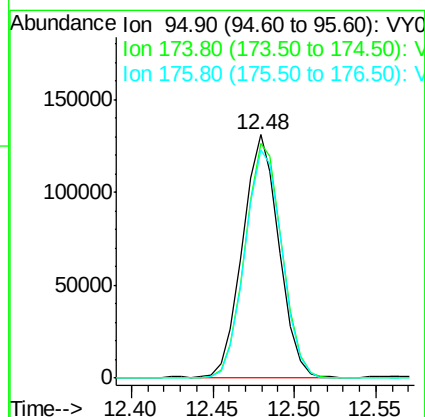
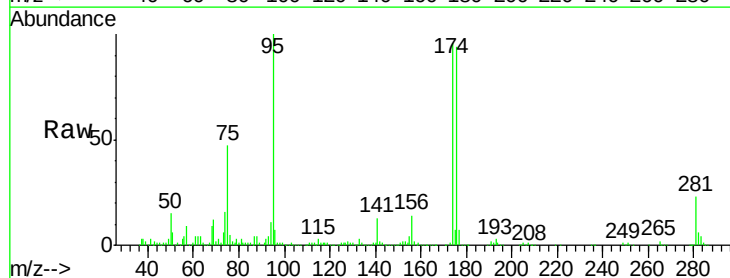
Tgt Ion: 95 Resp: 201956

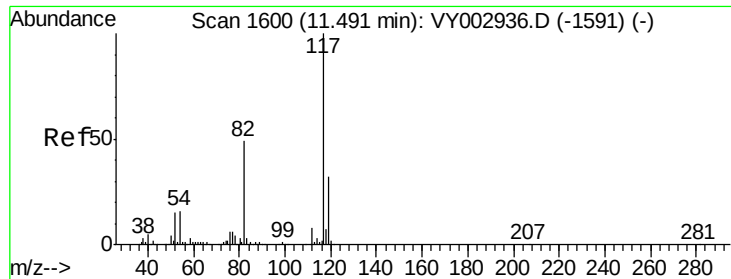
Ion Ratio Lower Upper

95 100

174 98.8 0.0 191.2

176 96.0 0.0 186.0





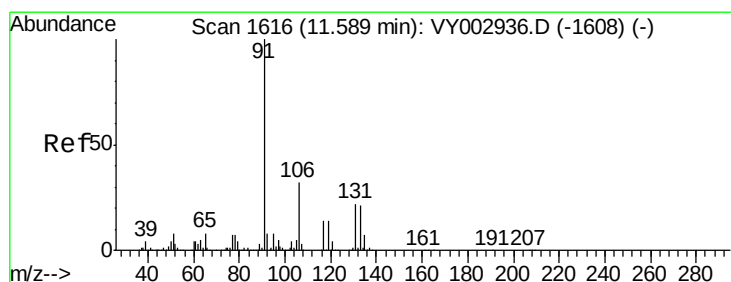
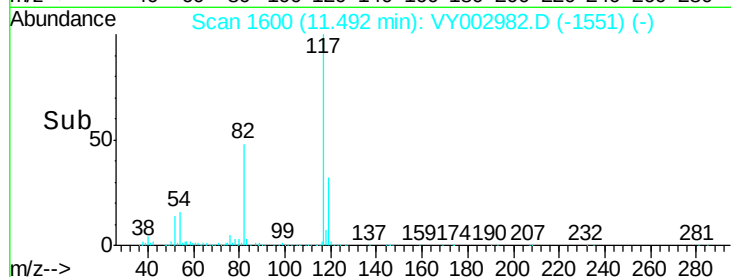
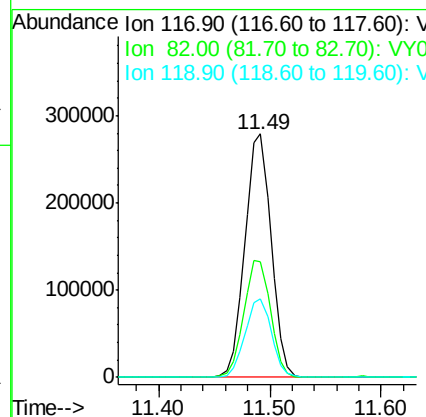
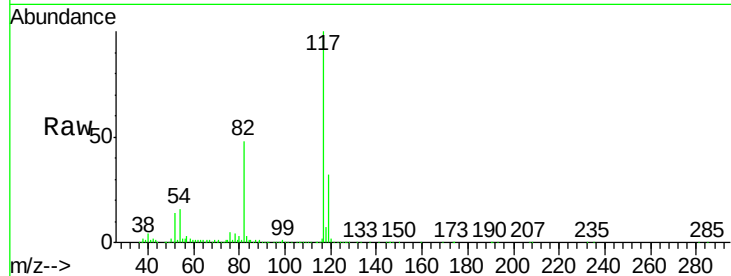
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	455608		
82	47.5	39.4	59.0	
119	32.2	25.4	38.0	

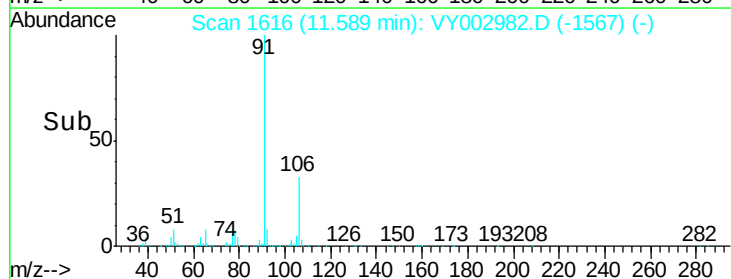
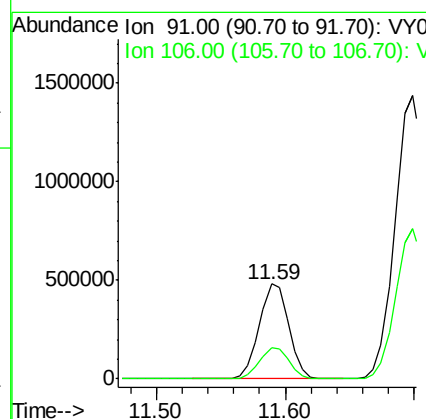
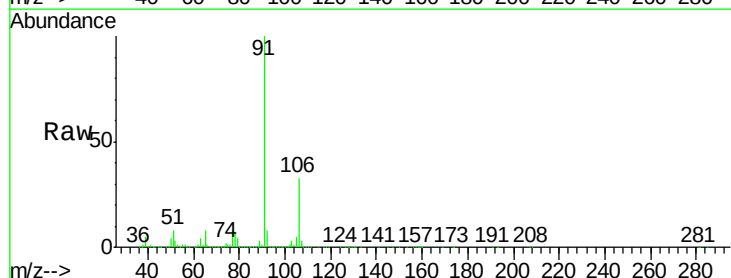
Manual Integrations
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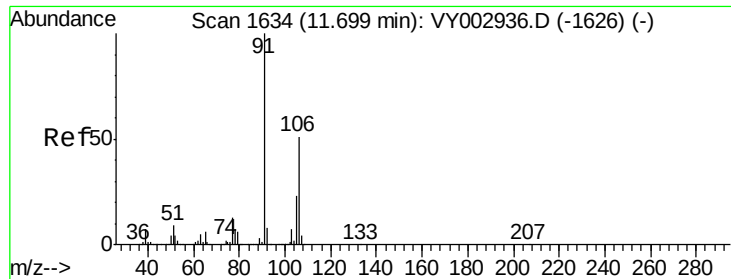
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#67
Ethyl Benzene
Concen: 51.071 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	759728		
106	33.2	25.8	38.8	





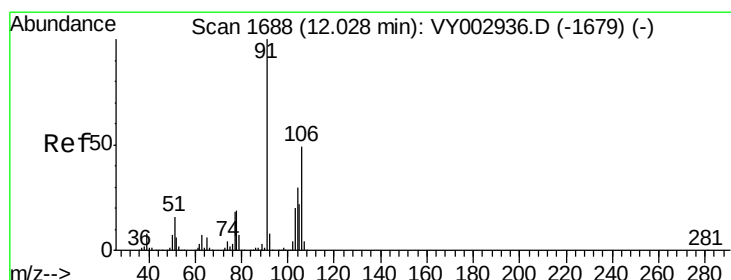
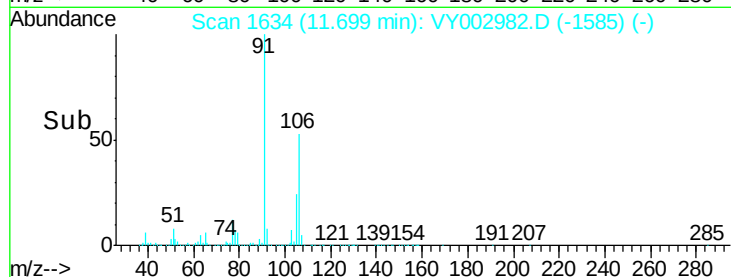
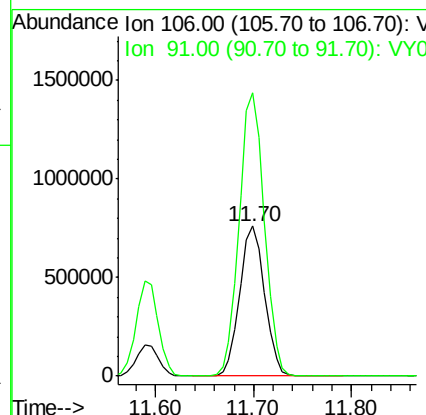
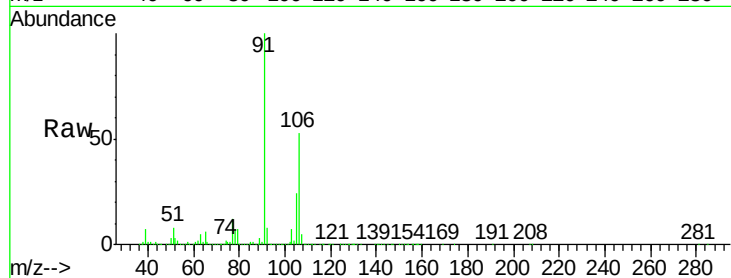
#68
m/p-Xvlenes
Concen: 232.009 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tot Ion:106 Resp: 1341157
Ion Ratio Lower Upper
106 100
91 190.9 155.9 233.9

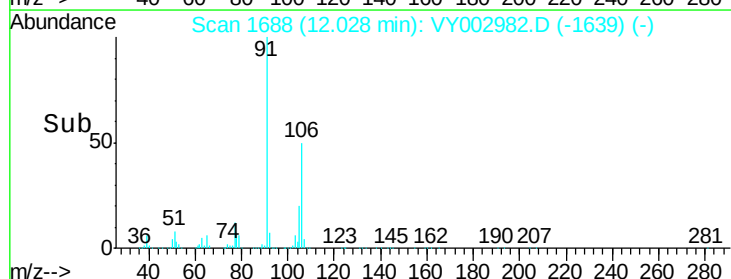
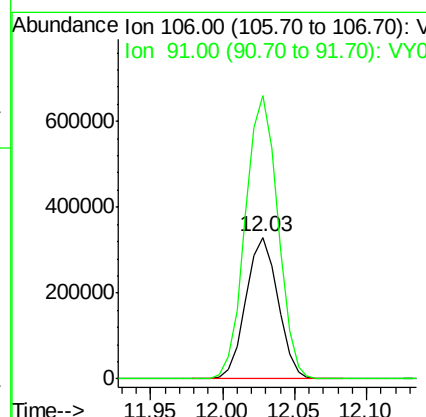
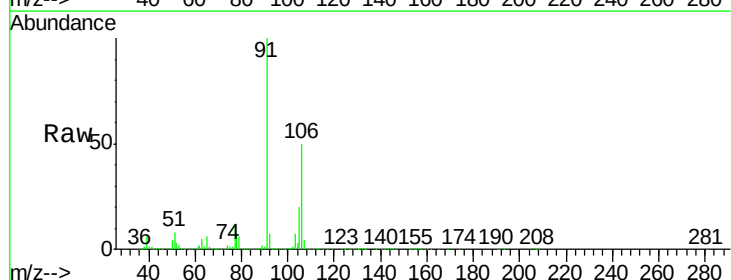
Manual Integrations
APPROVED

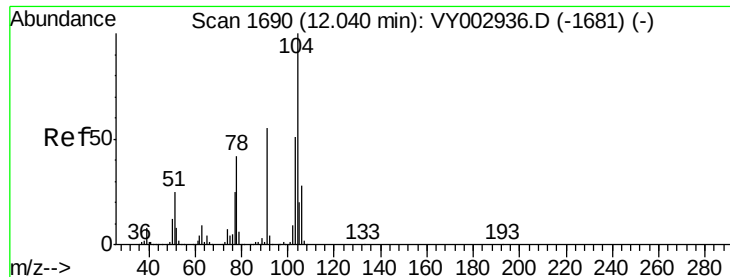
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#69
o-Xylene
Concen: 93.069 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Tgt Ion:106 Resp: 507129
Ion Ratio Lower Upper
106 100
91 203.3 102.1 306.1





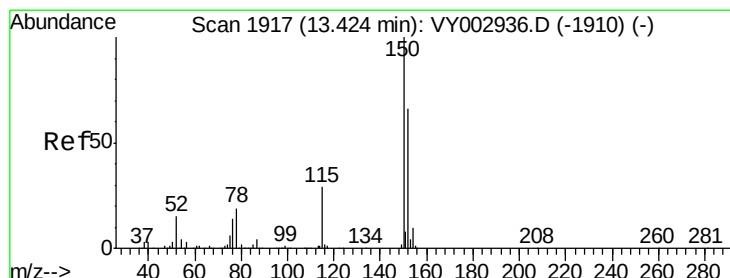
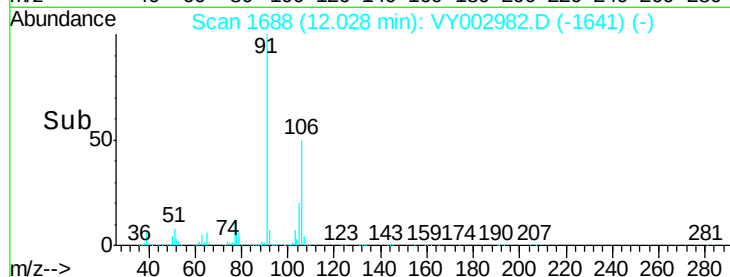
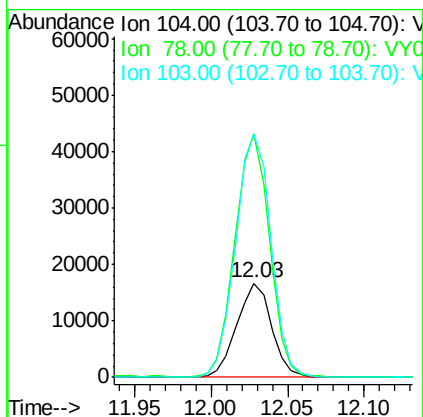
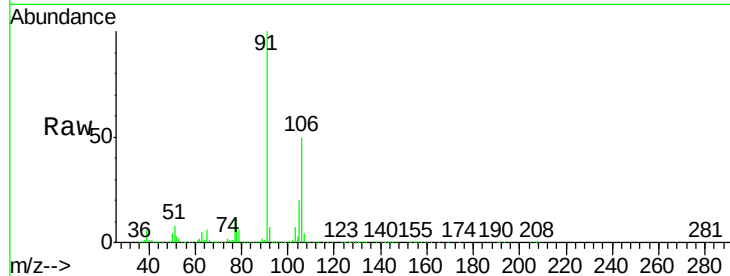
#70
Stvrene
Concen: 2.801 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
104	100		
78	256.2	36.9	55.3#
103	263.0	43.7	65.5#

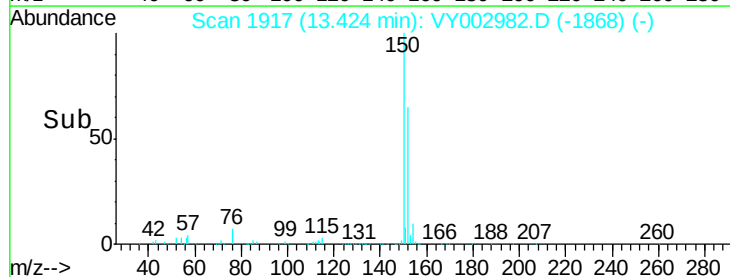
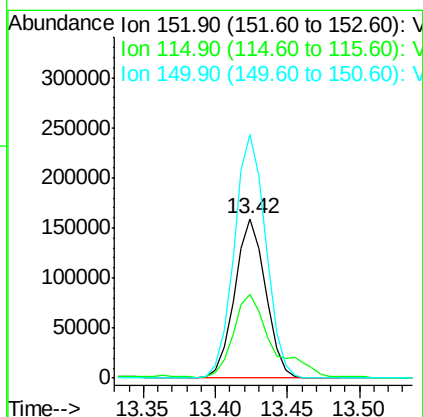
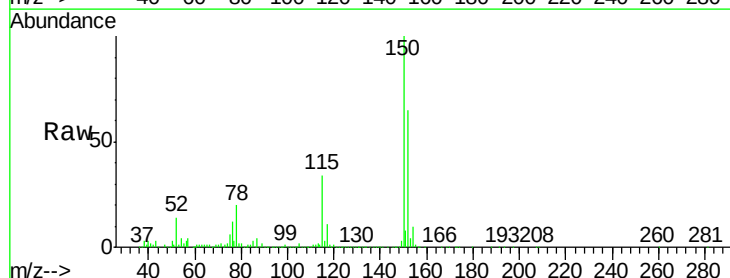
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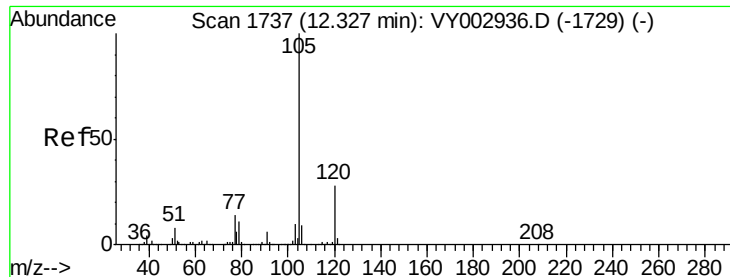
MMDadoda
6/23/2020 8:13:53 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	26.9	80.6
150	156.6	0.0	341.8





#73

Isopropylbenzene

Concen: 27.122 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002982.D

Acq: 22 Jun 2020 18:33

Instrument :

MSVOA_Y

ClientSampled :

SB-1

Tot Ion: 105 Resp: 394922

Ion Ratio Lower Upper

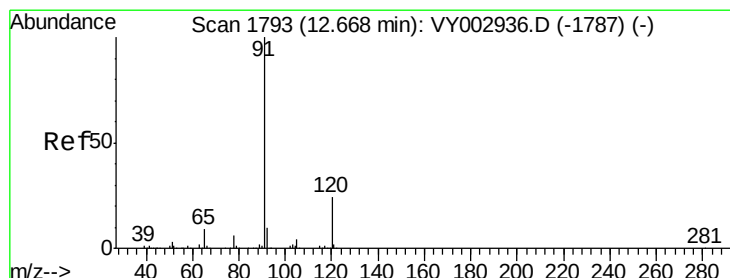
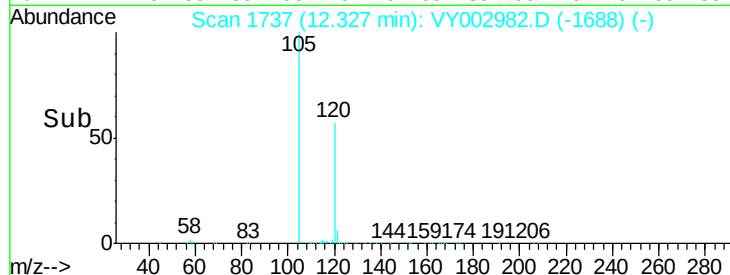
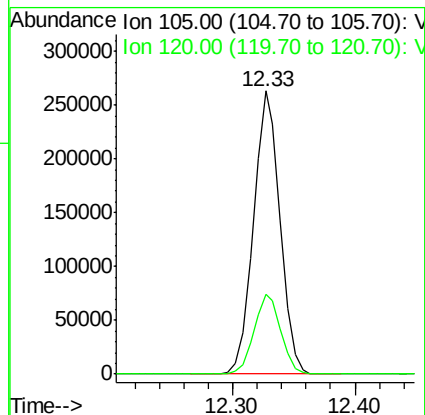
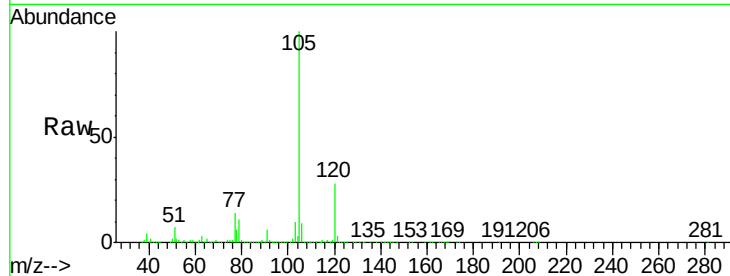
105 100

120 28.5 14.0 41.9

Manual Integrations
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6/23/2020 8:13:53 PM



#78

n-propylbenzene

Concen: 53.691 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002982.D

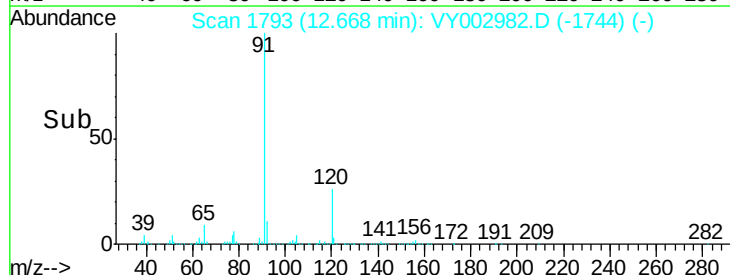
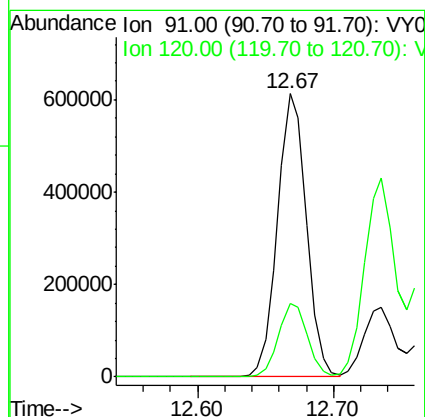
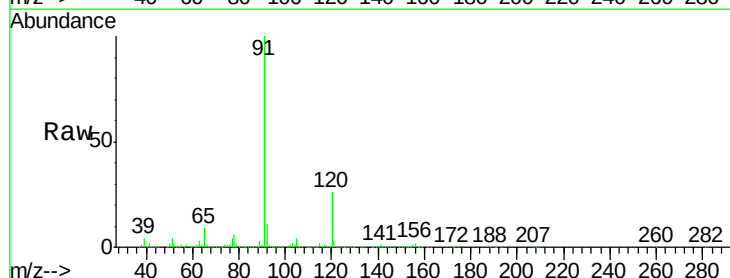
Acq: 22 Jun 2020 18:33

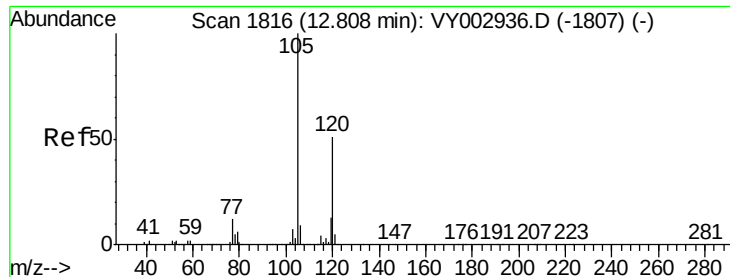
Tgt Ion: 91 Resp: 906995

Ion Ratio Lower Upper

91 100

120 26.0 12.3 36.9





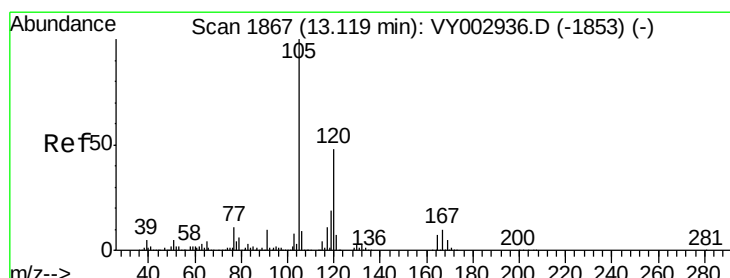
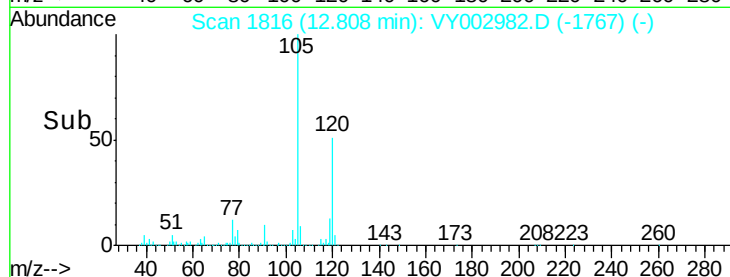
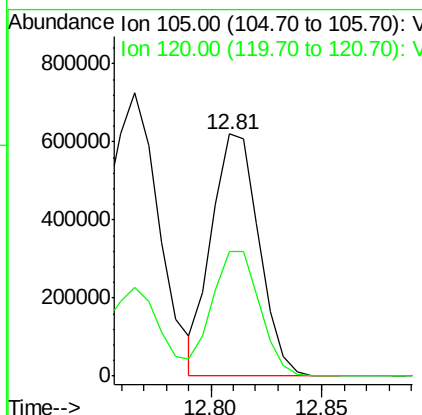
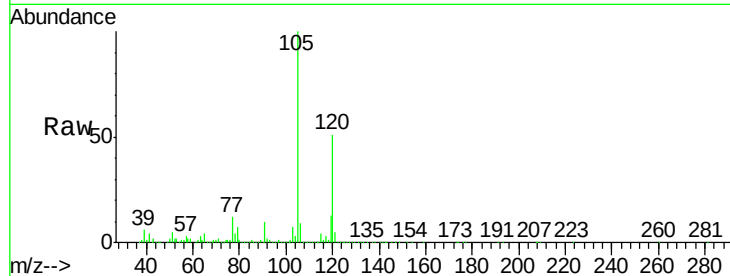
#80
 1,3,5-Trimethylbenzene
 Concen: 75.231 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY002982.D
 Acq: 22 Jun 2020 18:33

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	51.7	25.6	76.6

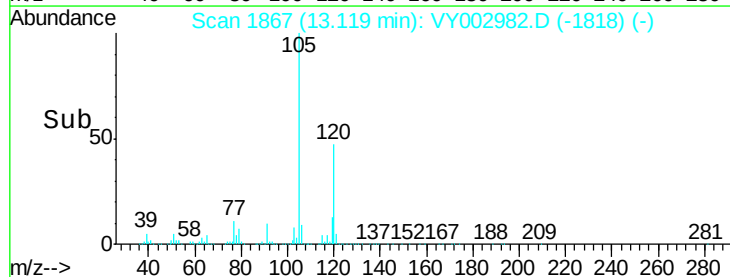
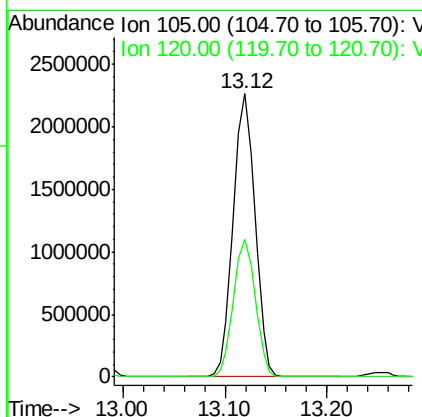
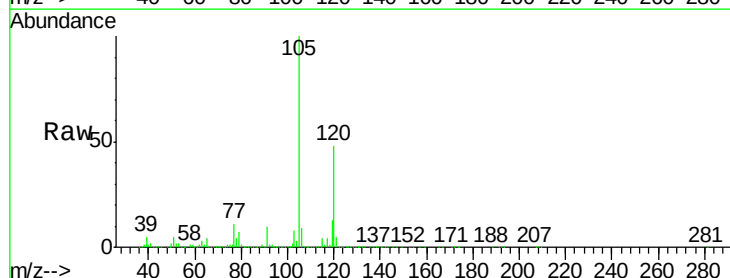
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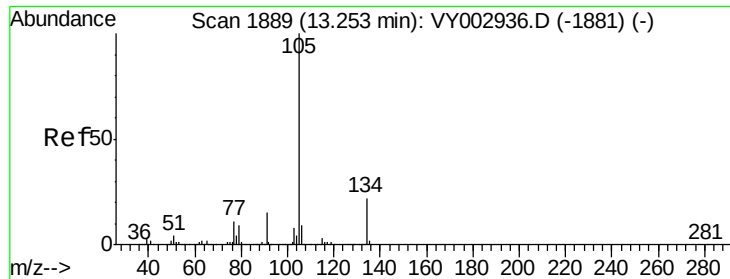
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#84
 1,2,4-Trimethylbenzene
 Concen: 273.973 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002982.D
 Acq: 22 Jun 2020 18:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.5	70.5





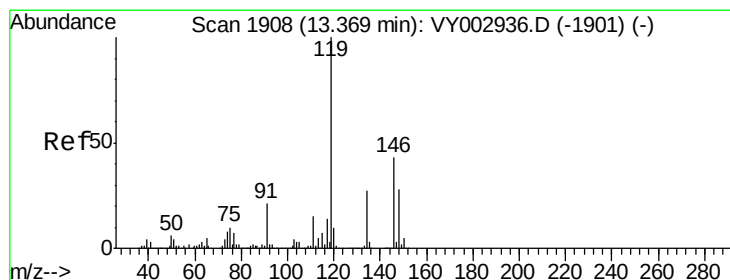
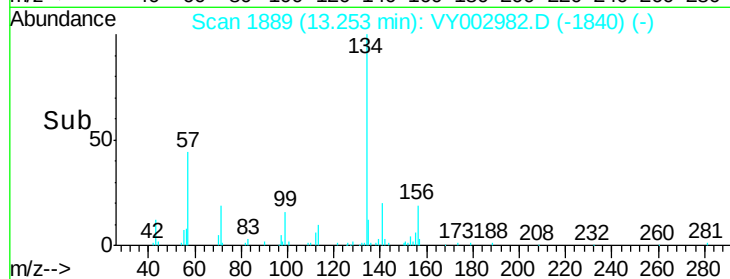
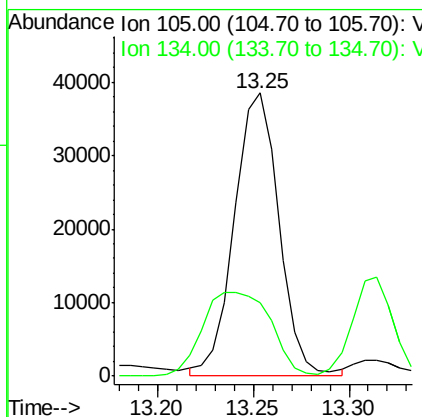
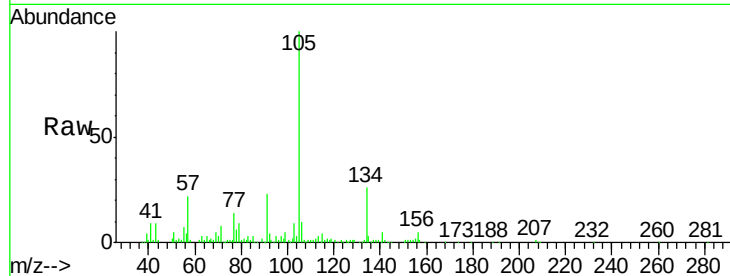
#85
 sec-Butylbenzene
 Concen: 4.206 ug/l m
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002982.D
 Acq: 22 Jun 2020 18:33

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-1

Tot Ion:105 Resp: 62207
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#

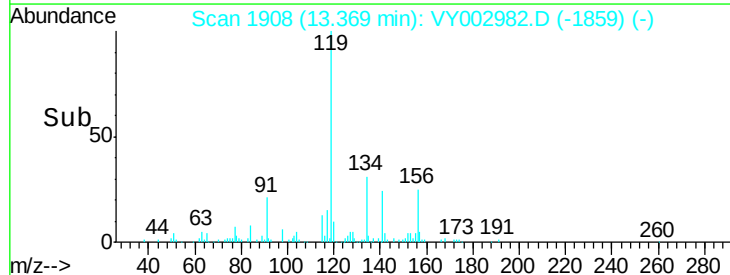
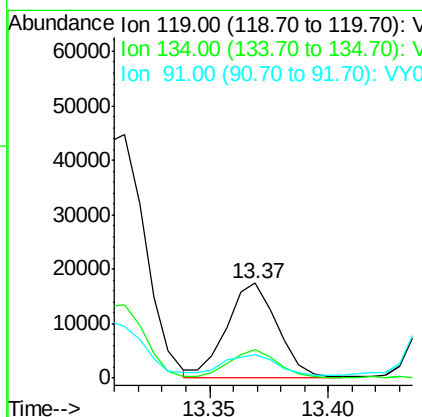
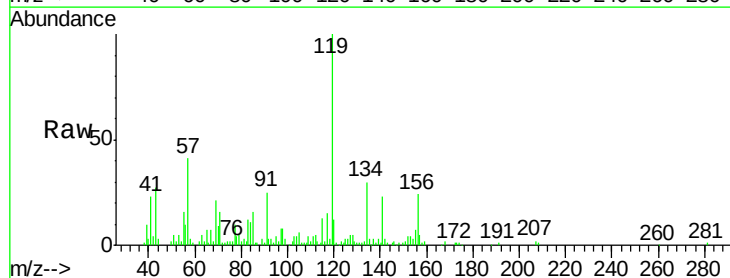
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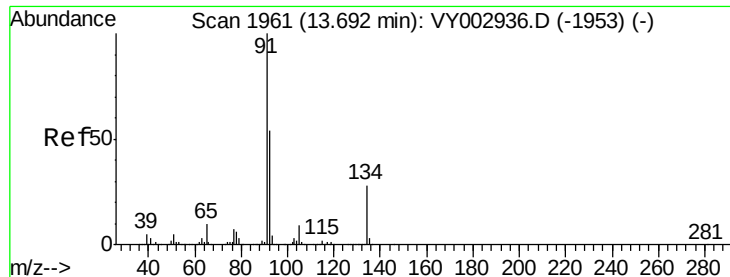
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 6/23/2020 8:13:53 PM



#86
 p-Isopropyltoluene
 Concen: 1.872 ug/l m
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002982.D
 Acq: 22 Jun 2020 18:33

Tgt Ion:119 Resp: 25973
 Ion Ratio Lower Upper
 119 100
 134 76.4 13.6 40.8#
 91 54.6 10.8 32.4#





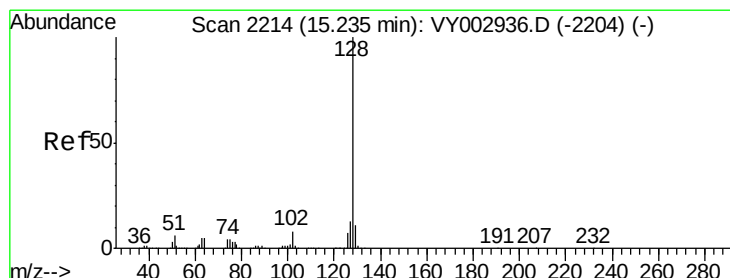
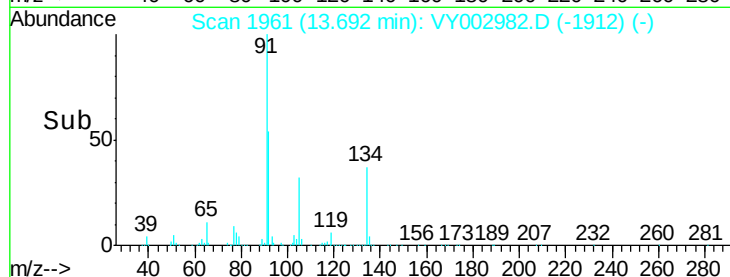
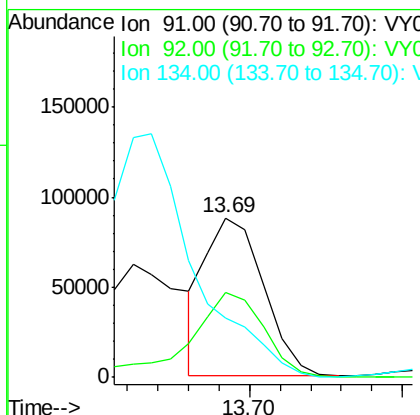
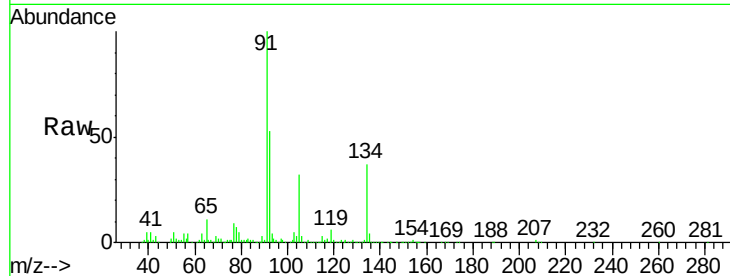
#89
n-Butylbenzene
Concen: 9.146 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Instrument :
MSVOA_Y
ClientSampled :
SB-1

Tot Ion	Ratio	Lower	Upper
91	100		
92	69.3	27.0	80.8
134	0.0	14.5	43.5#

Manual Integrations
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6/23/2020 8:13:53 PM



#95
Naphthalene
Concen: 86.641 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002982.D
Acq: 22 Jun 2020 18:33

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.7	13.1

