

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002984.D
 Acq On : 22 Jun 2020 19:21
 Operator : SY/MD
 Sample : L3082-03
 Misc : 3.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 8:13:31 PM

Quant Time: Jun 23 09:48:14 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	295912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	449921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	429005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138993	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	
35) Dibromofluoromethane	7.72	113	136367	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
50) Toluene-d8	10.18	98	519592	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.48	95	192075	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	7433	12.278	ug/l #	64
39) Methylcyclohexane	9.19	83	13311	2.764	ug/l #	72
52) Toluene	10.24	92	177860	25.262	ug/l	97
67) Ethyl Benzene	11.59	91	247488	17.668	ug/l	99
68) m/p-Xylenes	11.70	106	428021	78.636	ug/l	99
69) o-Xylene	12.03	106	186010	36.254	ug/l	100
73) Isopropylbenzene	12.33	105	161336	11.577	ug/l	100
78) n-propylbenzene	12.67	91	332761	20.582	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	371794	32.003	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	1338227	114.475	ug/l	98
85) sec-Butylbenzene	13.25	105	28639m	2.023	ug/l	
89) n-Butylbenzene	13.69	91	49766	4.146	ug/l #	73
95) Naphthalene	15.23	128	311338	33.257	ug/l	100

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

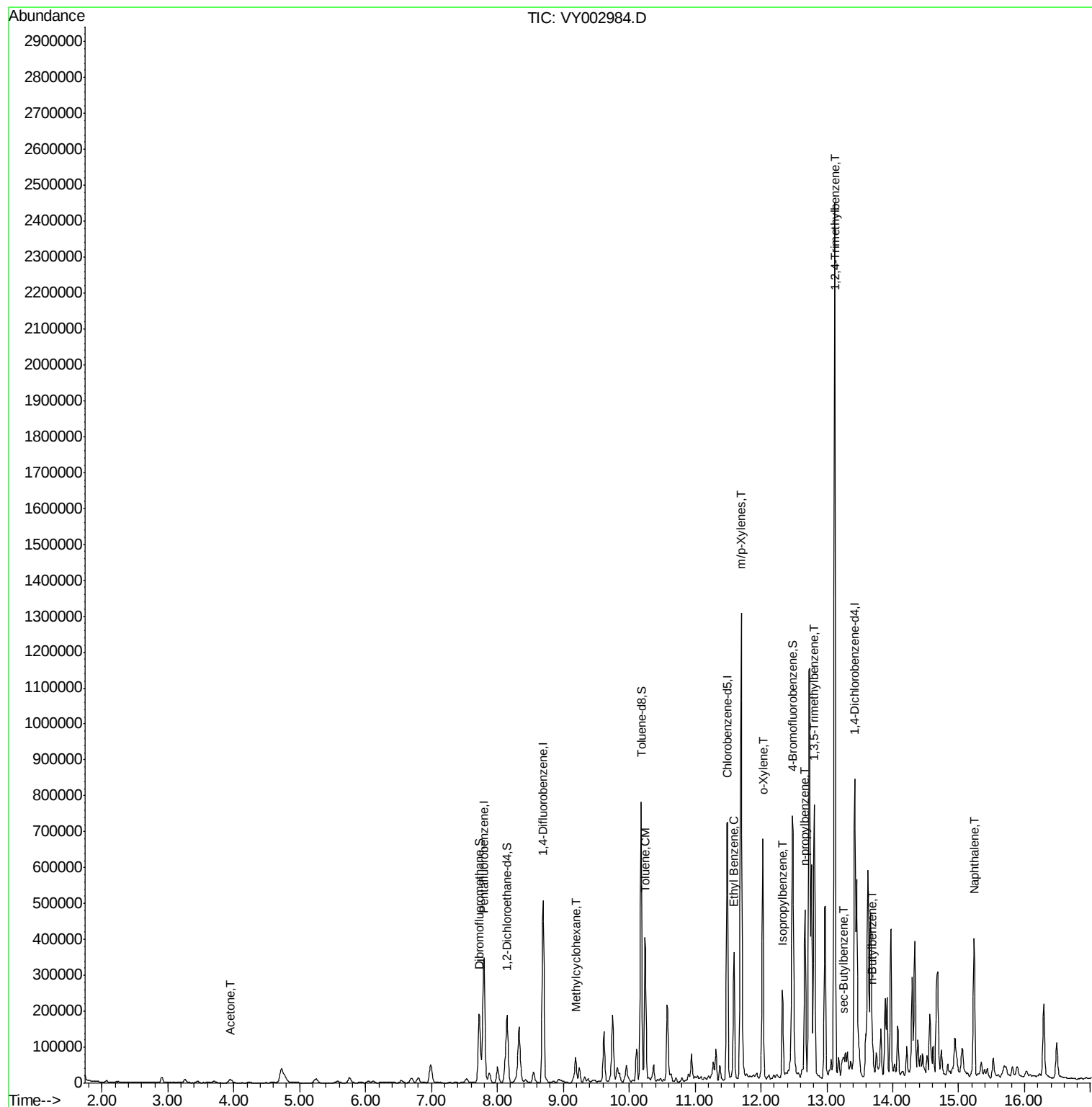
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002984.D
Acq On : 22 Jun 2020 19:21
Operator : SY/MD
Sample : L3082-03
Misc : 3.56G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

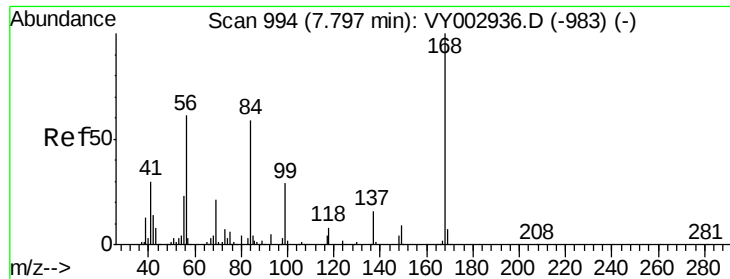
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Manual Integrations
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Quant Time: Jun 23 09:48:14 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

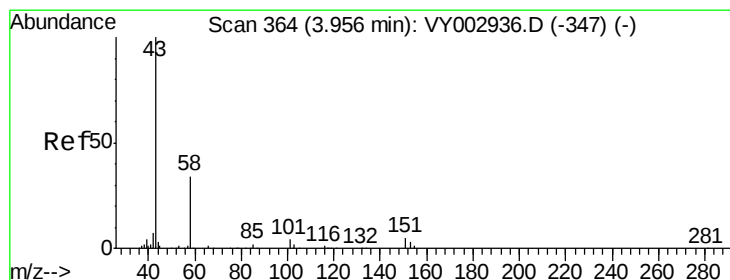
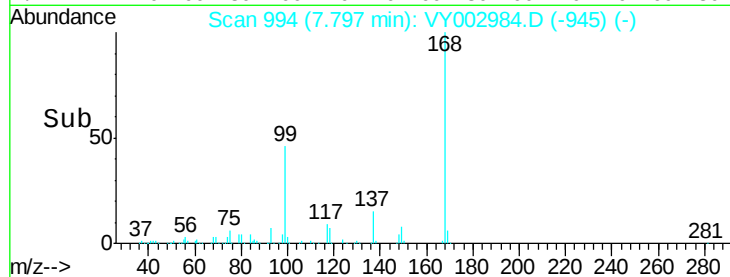
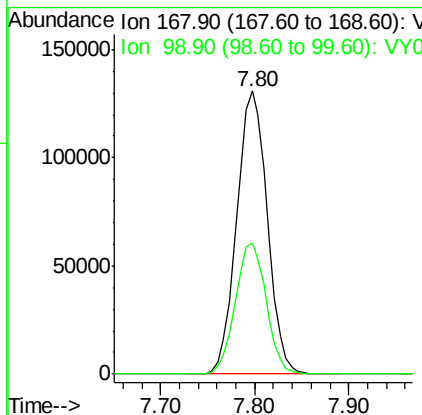
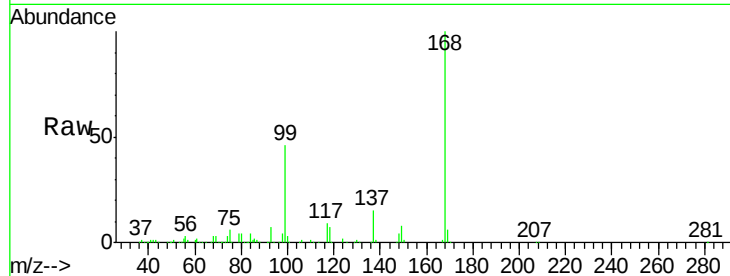
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY002984.D
 Acq: 22 Jun 2020 19:21

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-3

Tot Ion	Ratio	Resp	Lower	Upper
168	100	295912		
99	46.3	39.5	59.3	

Manual Integrations
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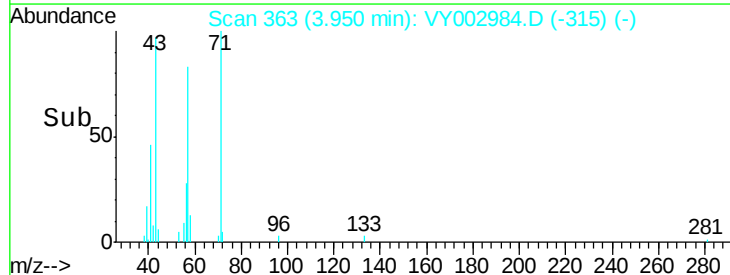
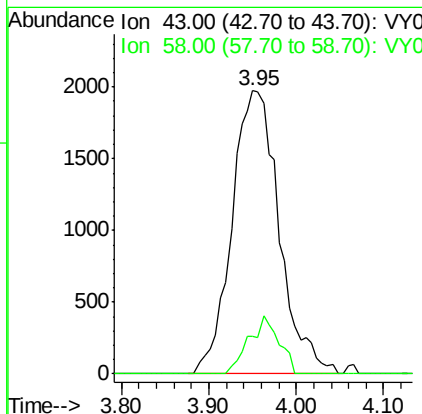
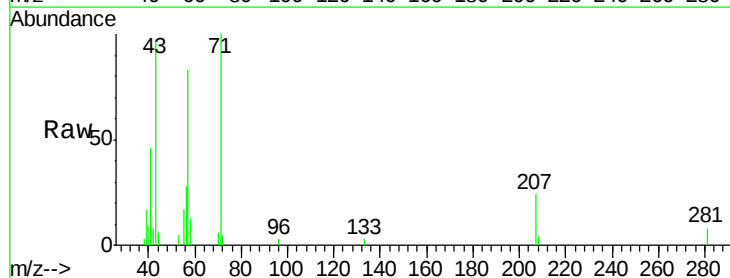
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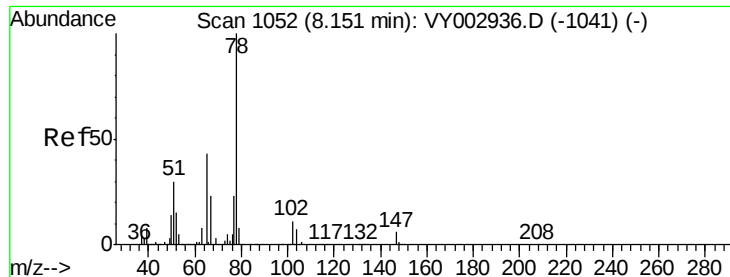


#16

Acetone
 Concen: 12.278 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VY002984.D
 Acq: 22 Jun 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	7433		
58	13.2	27.3	40.9	





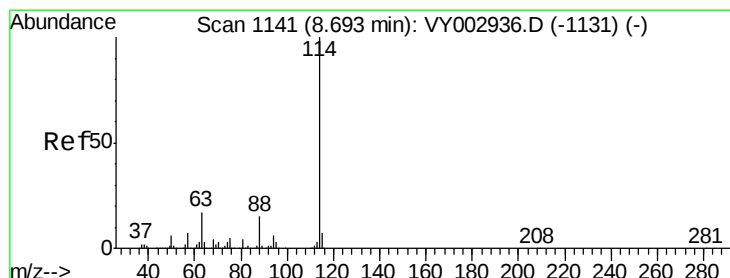
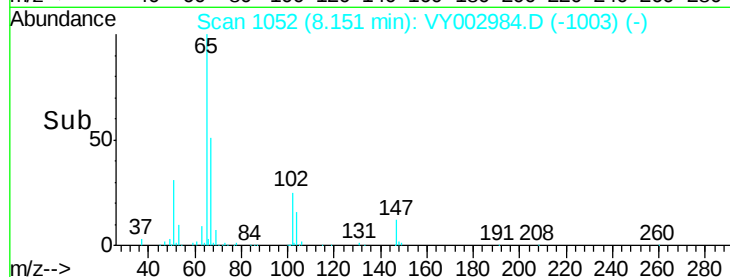
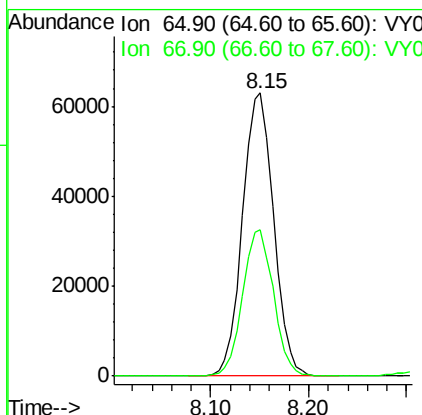
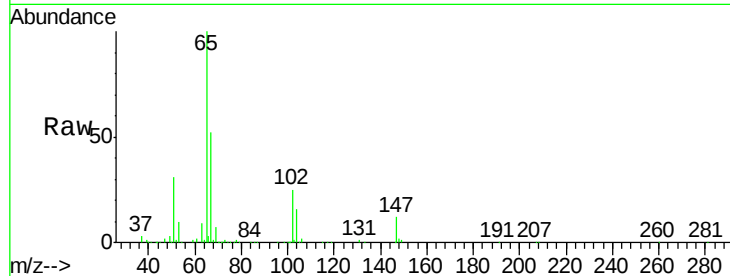
#33
 1,2-Dichloroethane-d4
 Concen: 56.867 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002984.D
 Acq: 22 Jun 2020 19:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.4	0.0	109.4	

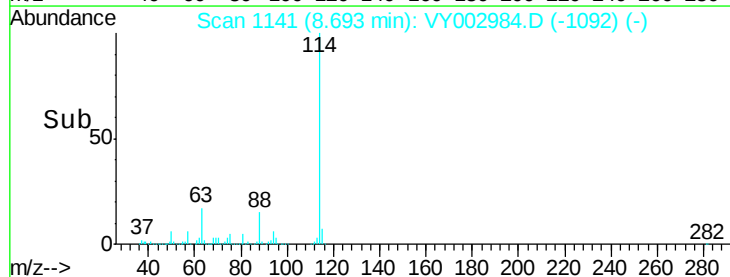
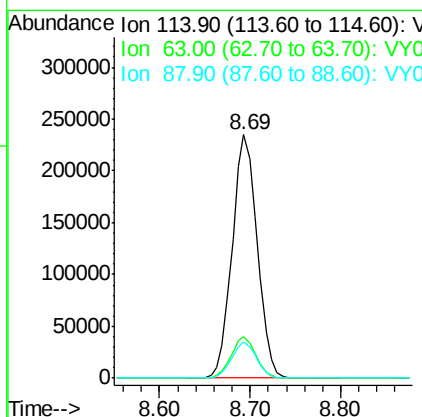
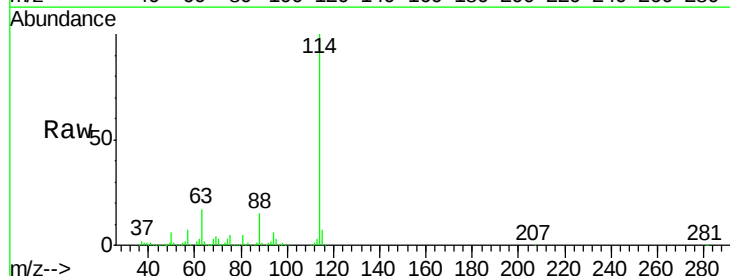
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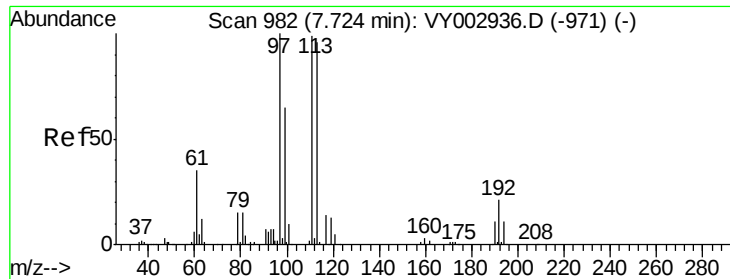
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002984.D
 Acq: 22 Jun 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.8	0.0	34.6	
88	14.9	0.0	29.2	





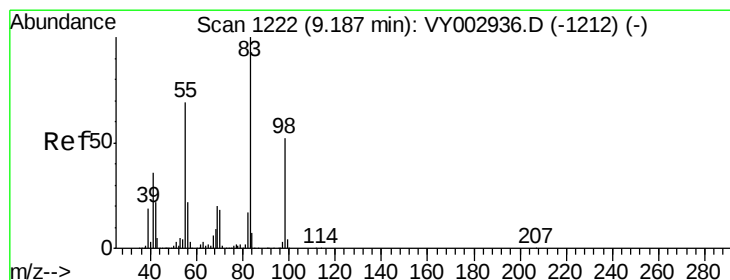
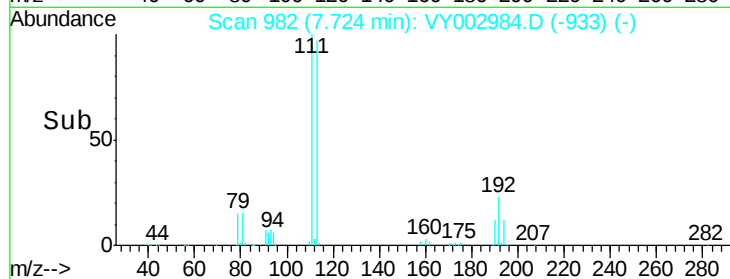
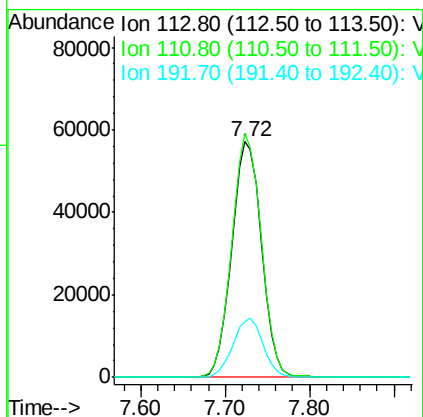
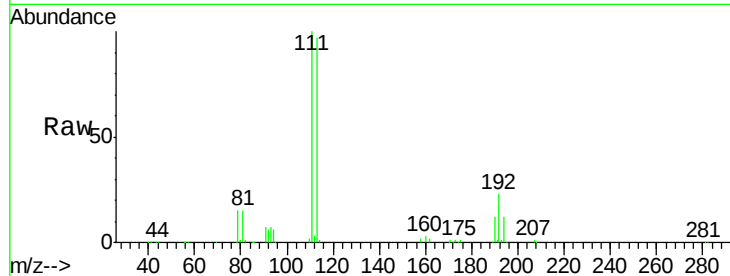
#35
Dibromofluoromethane
Concen: 53.566 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY002984.D
Acq: 22 Jun 2020 19:21

Instrument :
MSVOA_Y
ClientSampled :
SB-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	25.1	19.2	28.8

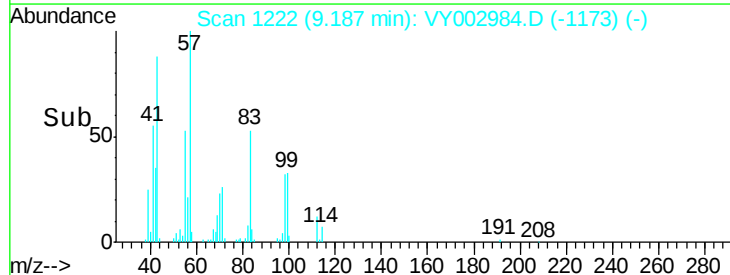
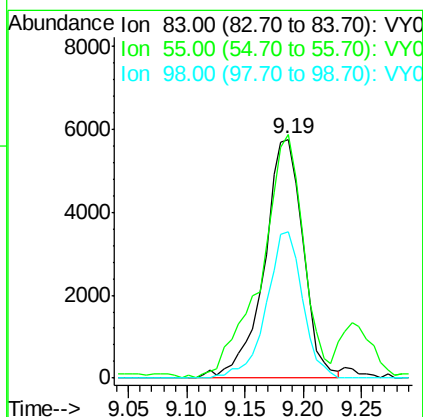
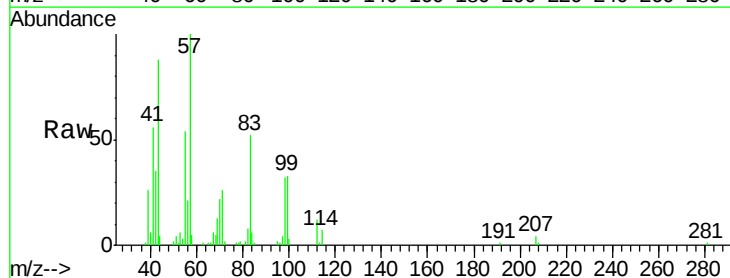
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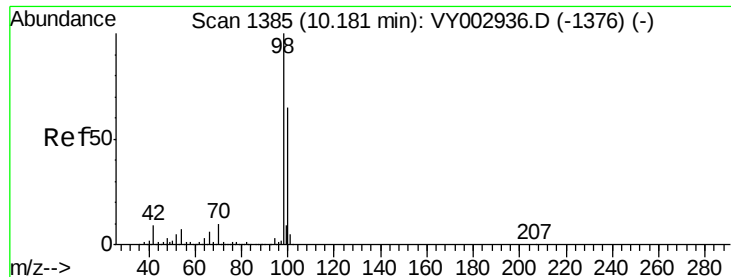
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#39
Methylcyclohexane
Concen: 2.764 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002984.D
Acq: 22 Jun 2020 19:21

Tgt Ion	Ratio	Lower	Upper
83	100		
55	101.1	55.0	82.4#
98	61.2	41.4	62.2





#50

Toluene-d8

Concen: 51.764 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002984.D

Acq: 22 Jun 2020 19:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

Tot Ion: 98 Resp: 519592

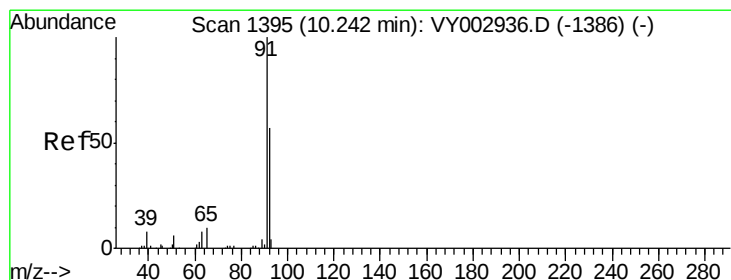
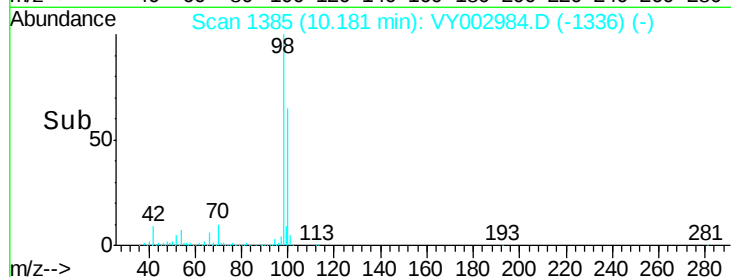
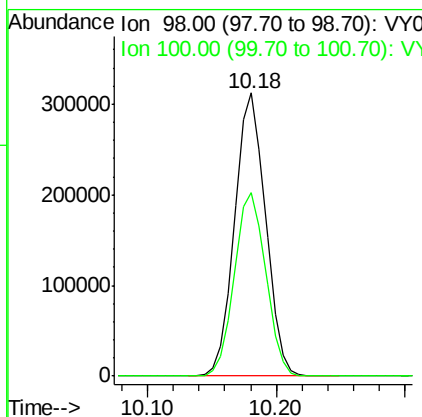
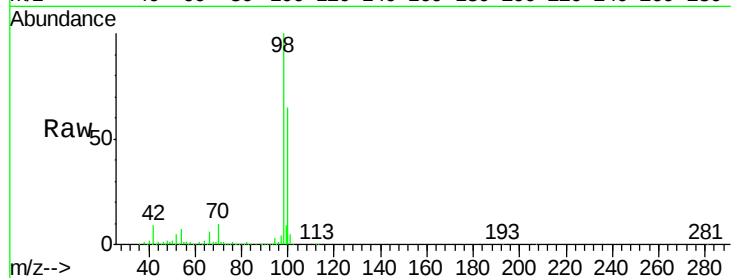
Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9

Manual Integrations
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#52

Toluene

Concen: 25.262 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002984.D

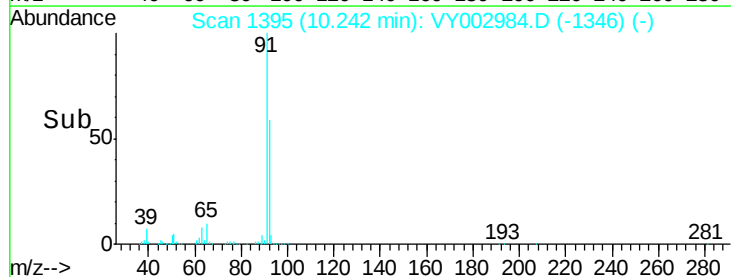
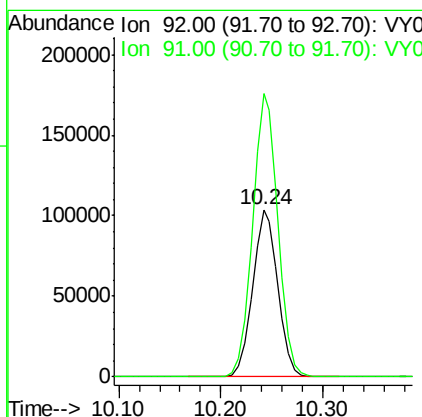
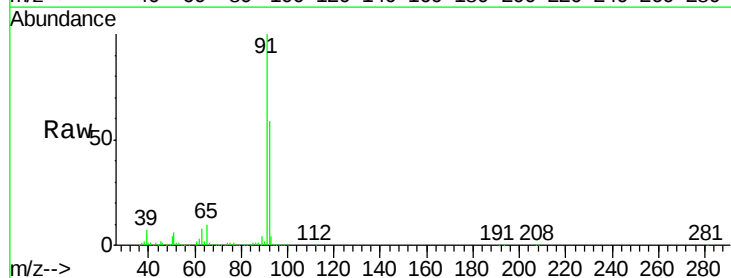
Acq: 22 Jun 2020 19:21

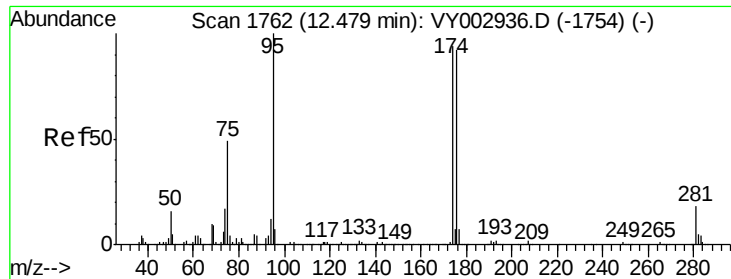
Tgt Ion: 92 Resp: 177860

Ion Ratio Lower Upper

92 100

91 169.9 139.3 208.9





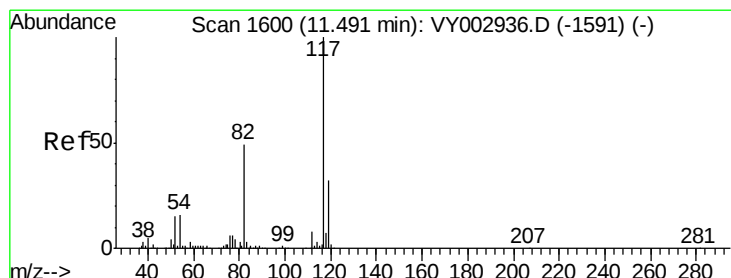
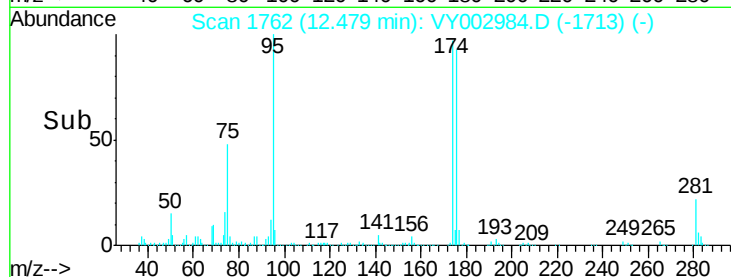
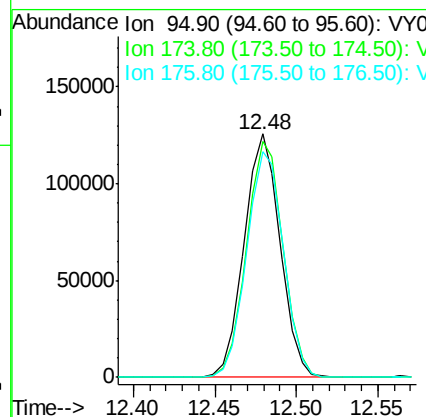
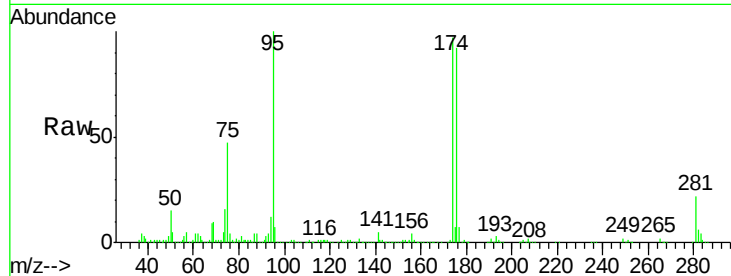
#62
4-Bromofluorobenzene
Concen: 55.164 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002984.D
Acq: 22 Jun 2020 19:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	192075		
174	98.8	0.0	191.2	
176	95.1	0.0	186.0	

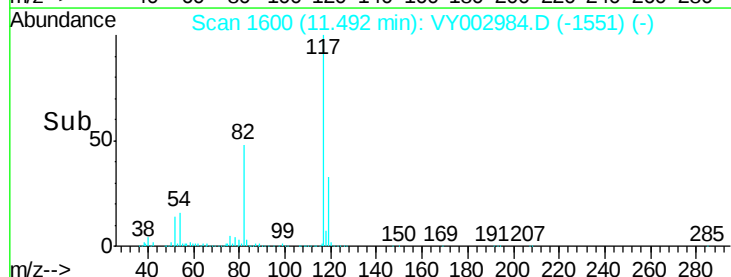
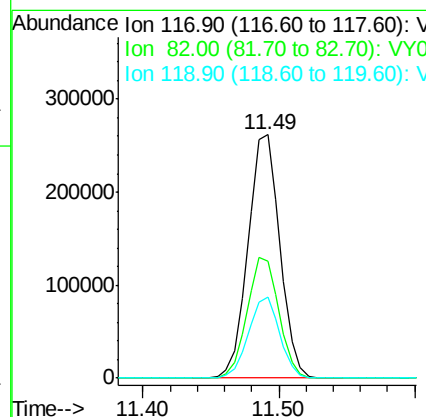
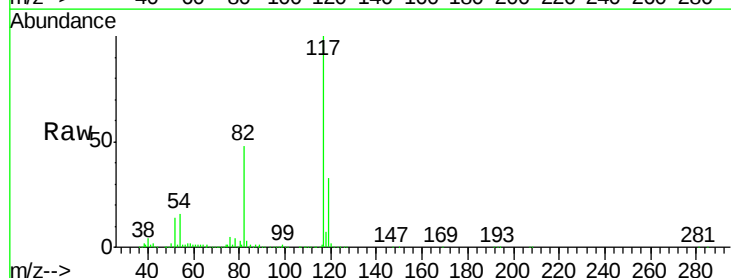
Manual Integrations
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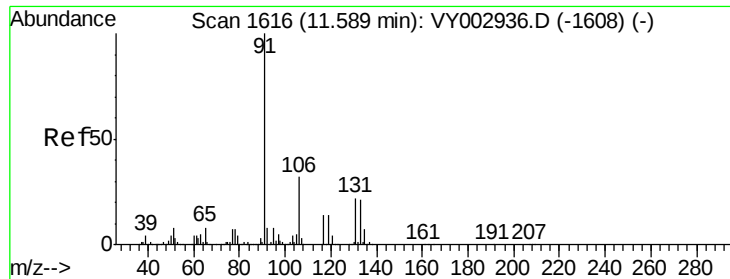
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002984.D
Acq: 22 Jun 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	429005		
82	48.1	39.4	59.0	
119	33.2	25.4	38.0	





#67

Ethyl Benzene

Concen: 17.668 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002984.D

Acq: 22 Jun 2020 19:21

Instrument :

MSVOA_Y

ClientSampled :

SB-3

Tot Ion: 91 Resp: 247488

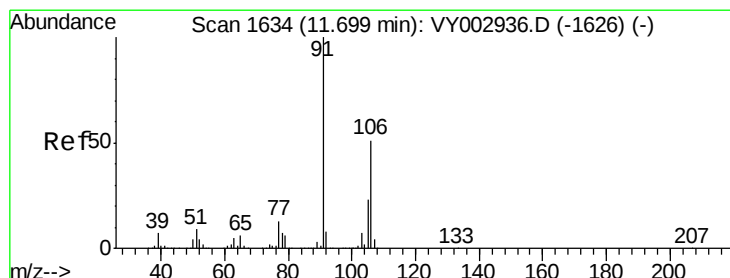
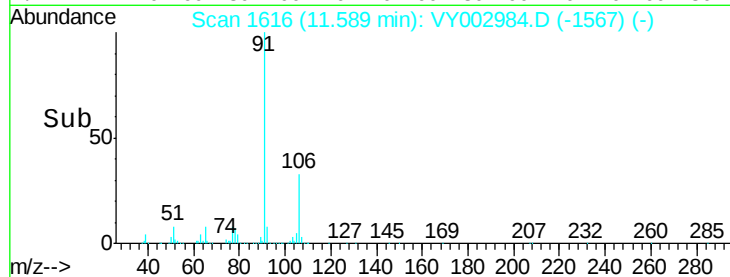
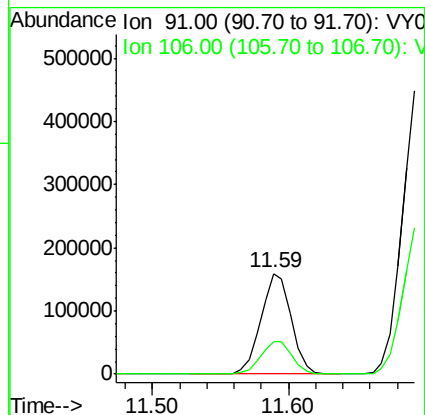
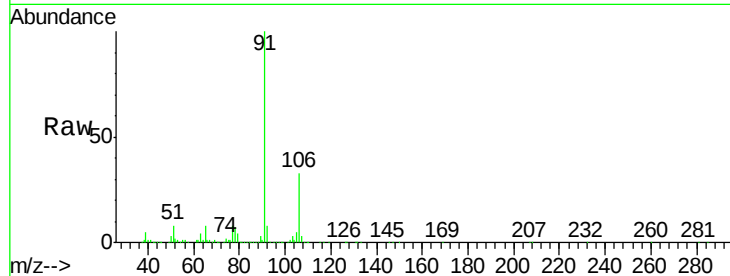
Ion Ratio Lower Upper

91 100

106 32.6 25.8 38.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 78.636 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002984.D

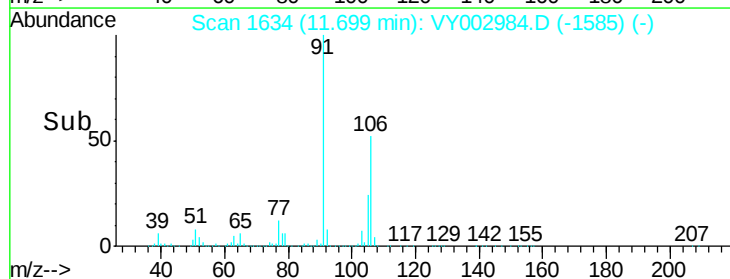
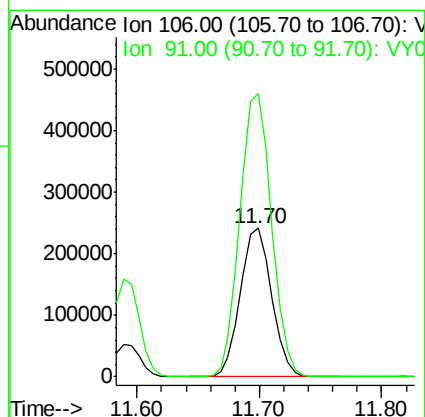
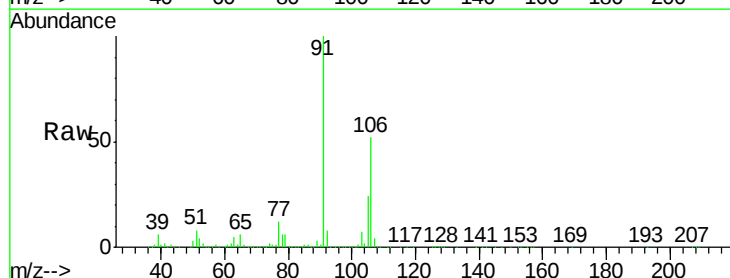
Acq: 22 Jun 2020 19:21

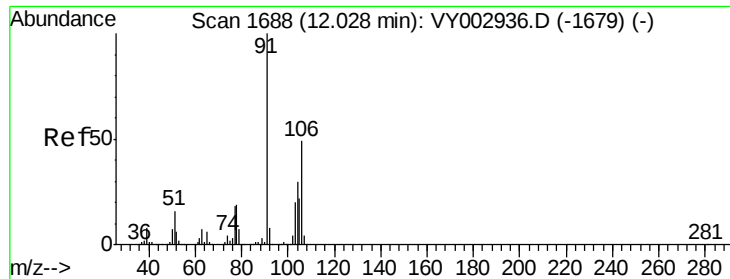
Tgt Ion: 106 Resp: 428021

Ion Ratio Lower Upper

106 100

91 193.2 155.9 233.9





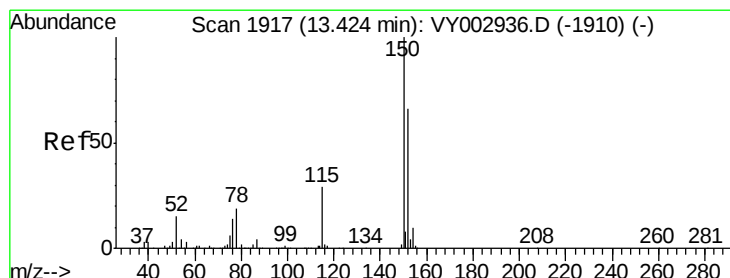
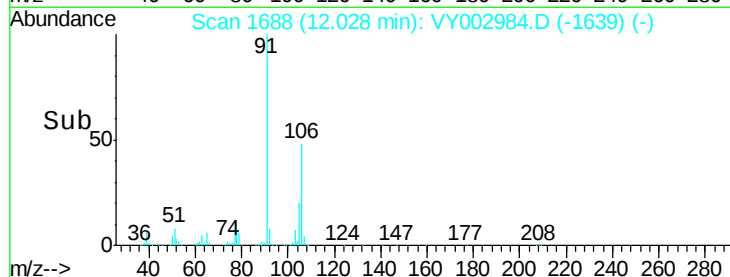
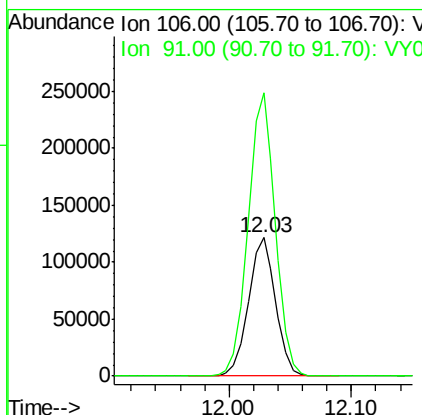
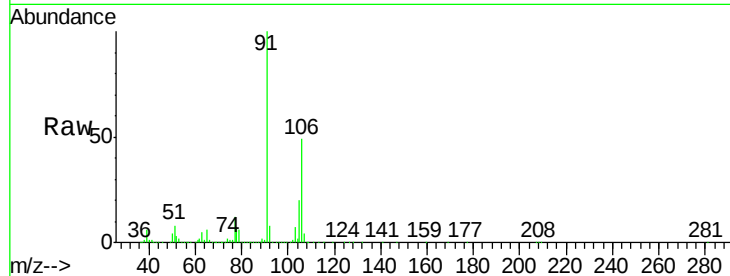
#69
o-Xylene
Concen: 36.254 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002984.D
Acq: 22 Jun 2020 19:21

Instrument :
MSVOA_Y
ClientSampled :
SB-3

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.2	102.1	306.1

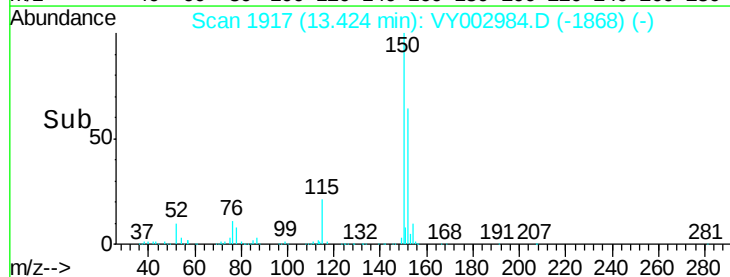
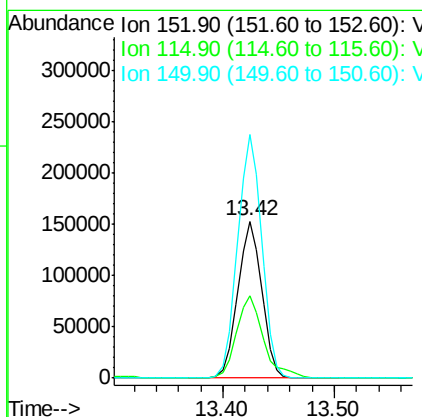
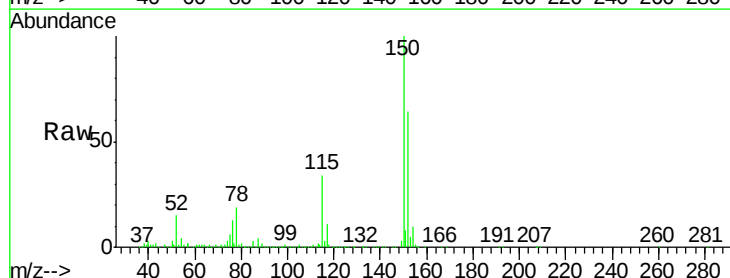
Manual Integrations
APPROVED

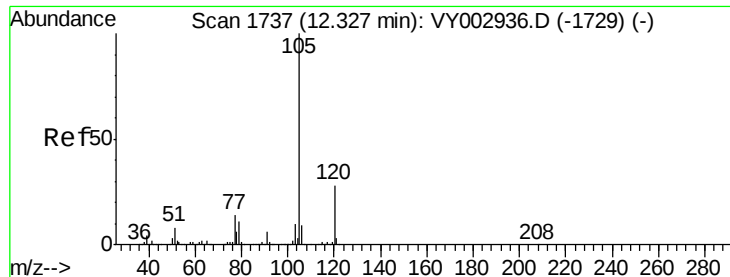
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002984.D
Acq: 22 Jun 2020 19:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	26.9	80.6
150	156.4	0.0	341.8





#73

Isopropylbenzene

Concen: 11.577 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002984.D

Acq: 22 Jun 2020 19:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

Tot Ion: 105 Resp: 161336

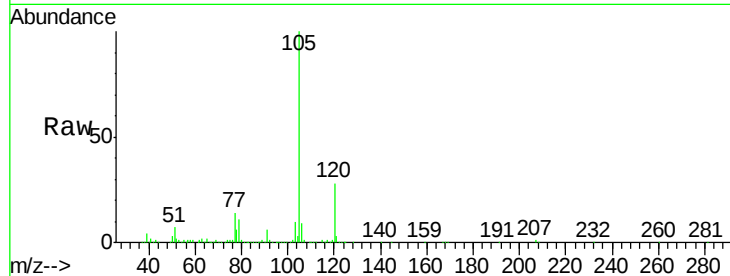
Ion Ratio Lower Upper

105 100

120 28.0 14.0 41.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

120000

100000

80000

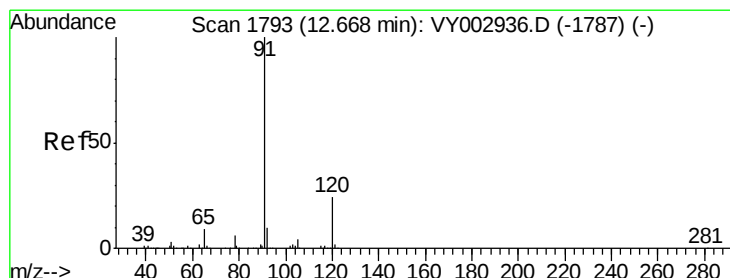
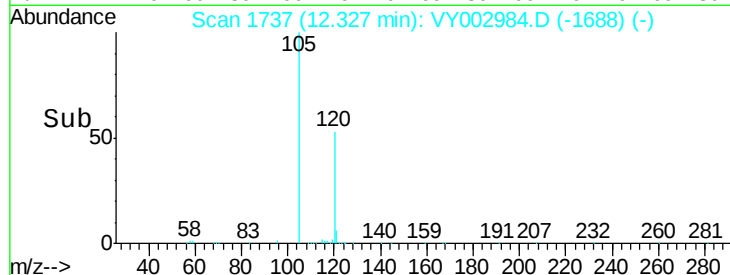
60000

40000

20000

0

Time-->



#78

n-propylbenzene

Concen: 20.582 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002984.D

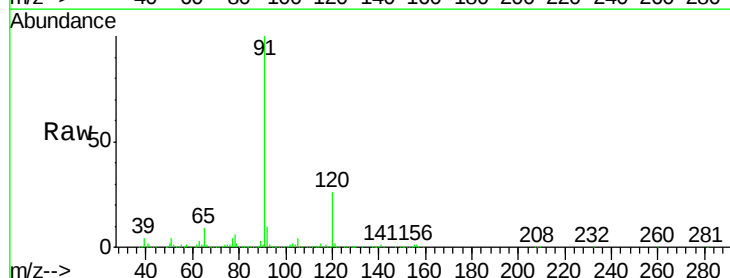
Acq: 22 Jun 2020 19:21

Tgt Ion: 91 Resp: 332761

Ion Ratio Lower Upper

91 100

120 26.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

12.67

250000

200000

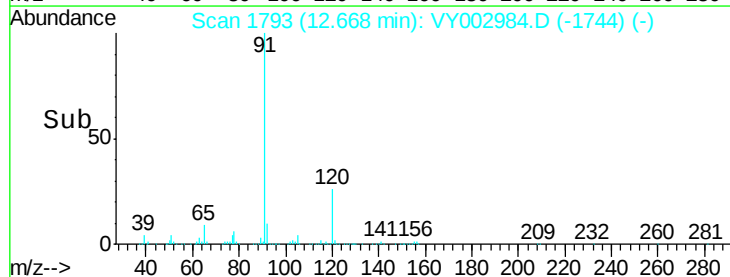
150000

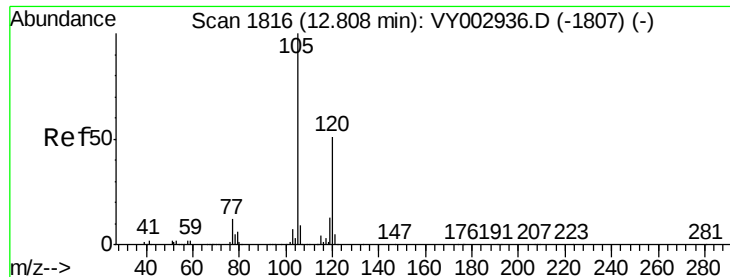
100000

50000

0

Time-->





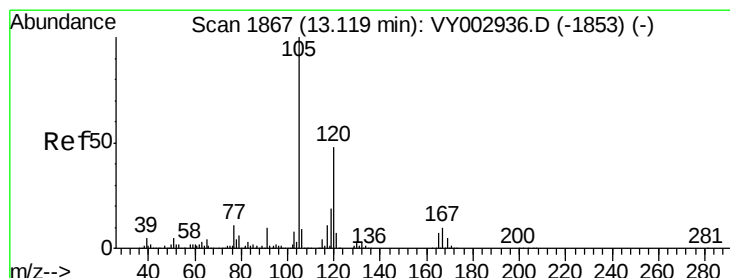
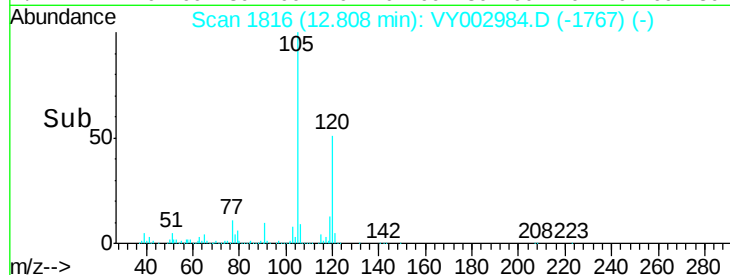
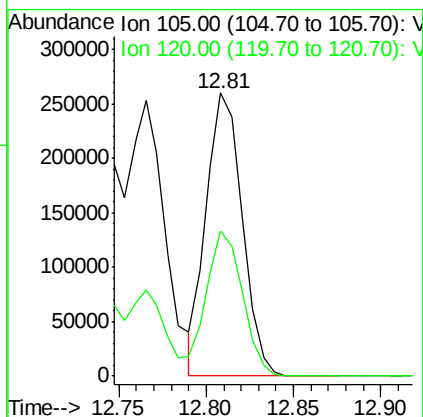
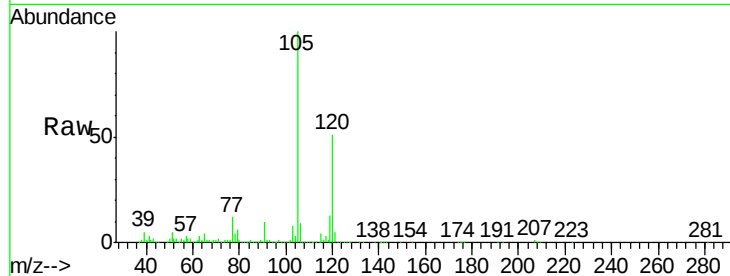
#80
 1,3,5-Trimethylbenzene
 Concen: 32.003 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY002984.D
 Acq: 22 Jun 2020 19:21

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-3

Tot Ion:105 Resp: 371794
 Ion Ratio Lower Upper
 105 100
 120 52.7 25.6 76.6

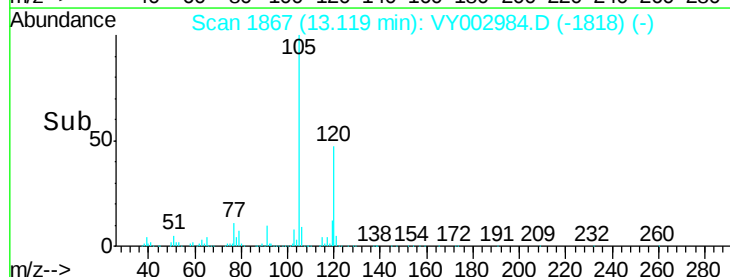
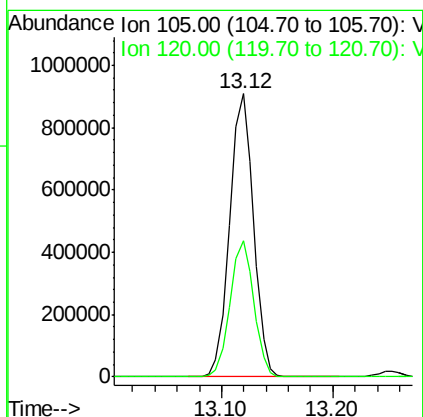
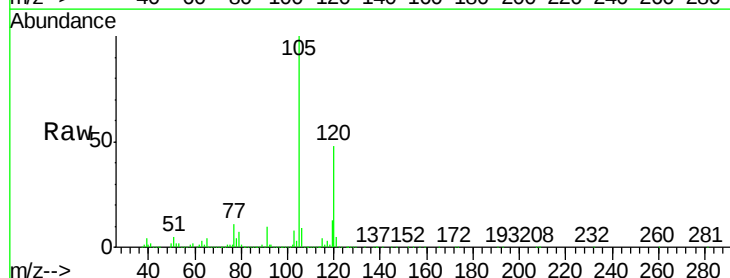
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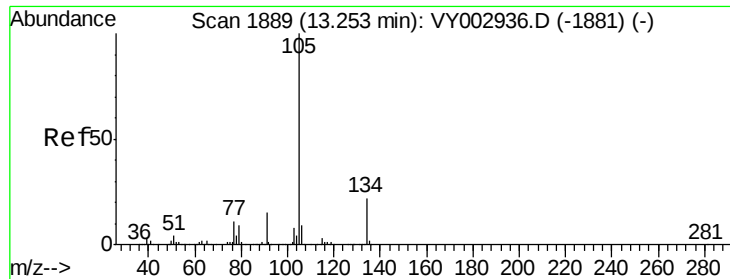
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#84
 1,2,4-Trimethylbenzene
 Concen: 114.475 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002984.D
 Acq: 22 Jun 2020 19:21

Tgt Ion:105 Resp: 1338227
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.5





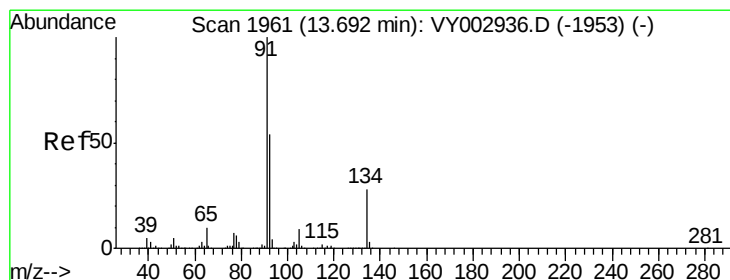
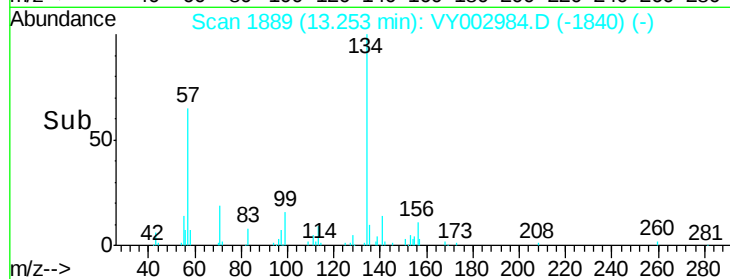
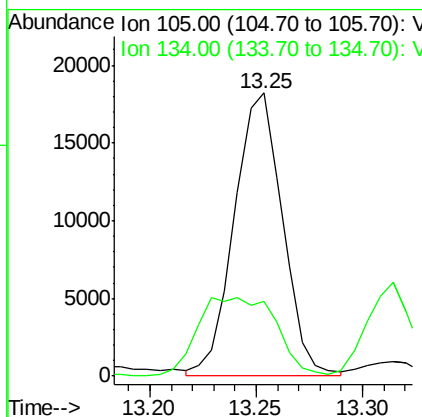
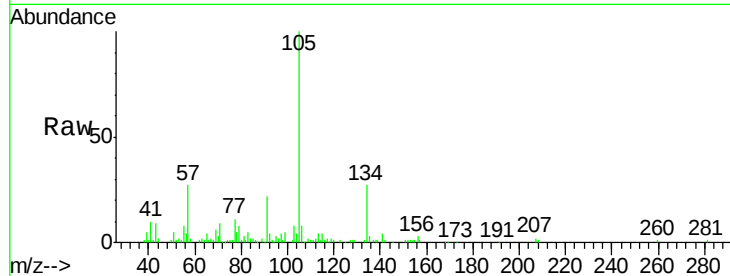
#85
 sec-Butylbenzene
 Concen: 2.023 ug/l m
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002984.D
 Acq: 22 Jun 2020 19:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Tot Ion: 105 Resp: 28639
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#

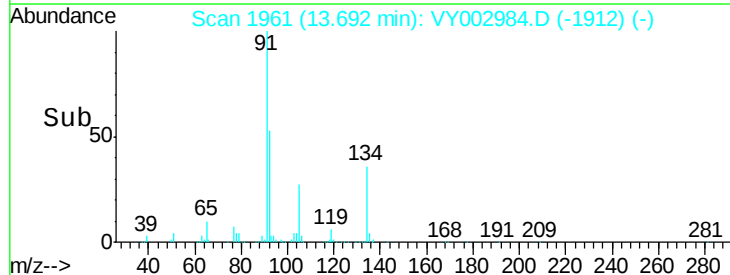
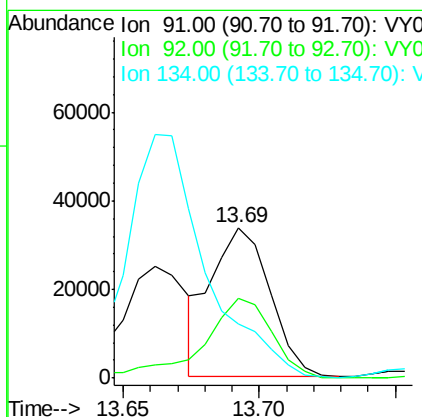
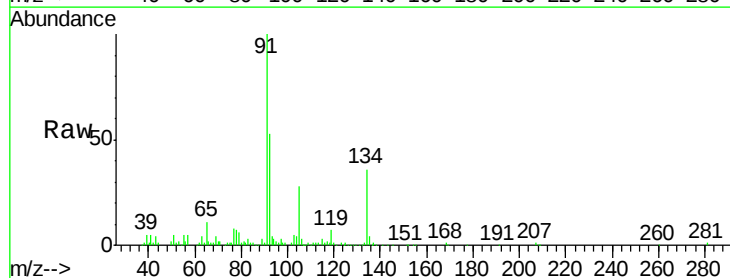
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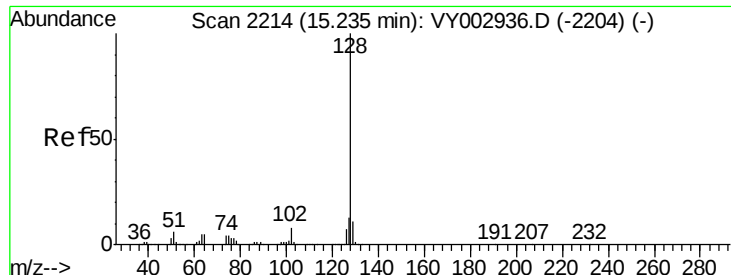
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#89
 n-Butylbenzene
 Concen: 4.146 ug/l
 RT: 13.69 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: VY002984.D
 Acq: 22 Jun 2020 19:21

Tgt Ion: 91 Resp: 49766
 Ion Ratio Lower Upper
 91 100
 92 63.0 27.0 80.8
 134 0.0 14.5 43.5#





#95
Naphthalene
Concen: 33.257 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002984.D
Acq: 22 Jun 2020 19:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

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