

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001478.D
 Acq On : 03 Feb 2020 17:13
 Operator : SY/MD
 Sample : L1383-09
 Misc : 4.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C

Manual Integrations
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 2/4/2020 11:21:57 AM

Quant Time: Feb 04 07:39:23 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	7.81	168	155230	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	277921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	230128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	85269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	83445	49.40	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	7.74	113	81631	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.19	98	320631	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.49	95	106552	42.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.44%	
Target Compounds						
52) Toluene	10.25	92	7142	1.431	ug/l	95
67) Ethyl Benzene	11.60	91	9502	1.063	ug/l	96
68) m/p-Xylenes	11.70	106	12610	3.777	ug/l	97
69) o-Xylene	12.03	106	3578	1.114	ug/l	84
78) n-propylbenzene	12.67	91	20177	2.491	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	14862	2.646	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	55946	9.922	ug/l	99
89) n-Butylbenzene	13.70	91	9857m	1.652	ug/l	
95) Naphthalene	15.24	128	47848	11.779	ug/l	94

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

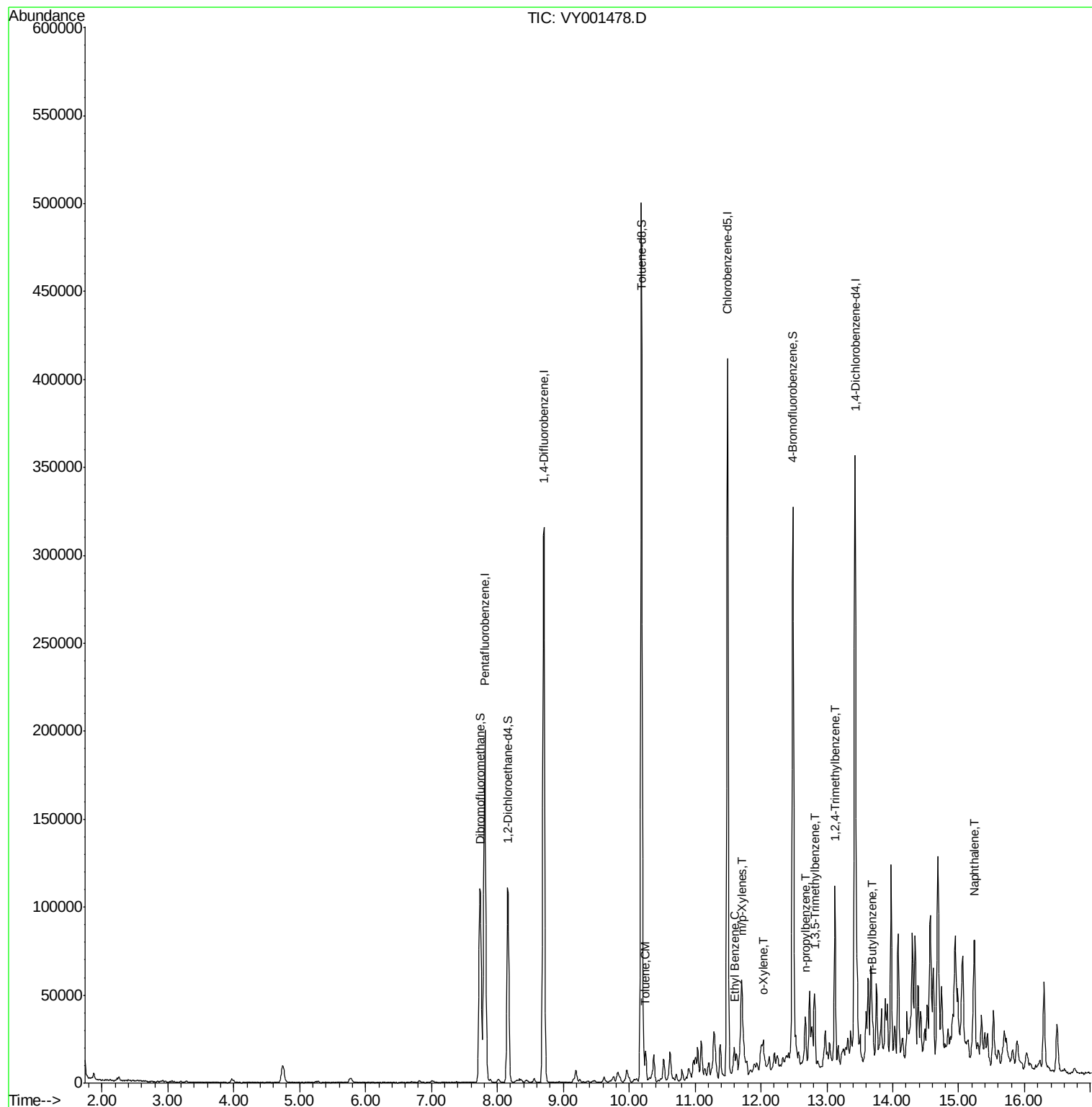
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
Data File : VY001478.D
Acq On : 03 Feb 2020 17:13
Operator : SY/MD
Sample : L1383-09
Misc : 4.42G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

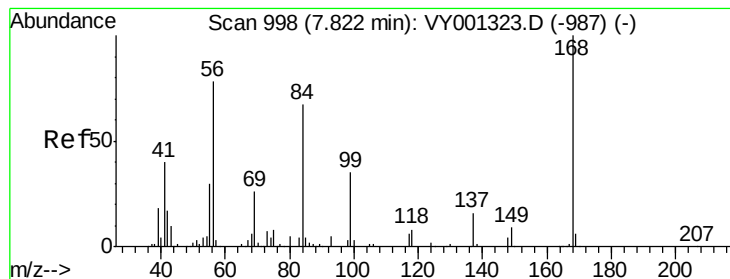
Instrument :
MSVOA_Y
ClientSampleId :
TP-C

Manual Integrations
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Quant Time: Feb 04 07:39:23 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: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-C

Tot Ion:168 Resp: 155230

Ion Ratio Lower Upper

168 100

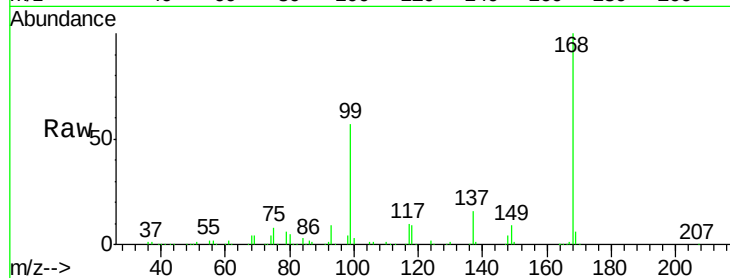
99 57.5 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.81

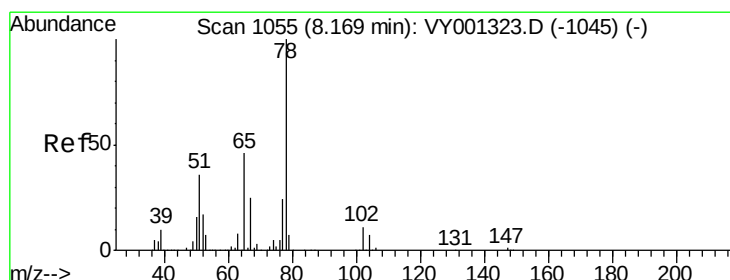
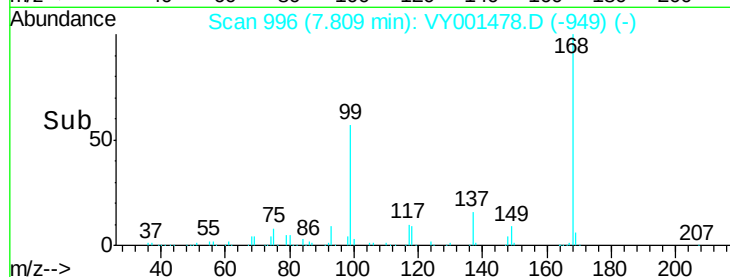
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.402 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001478.D

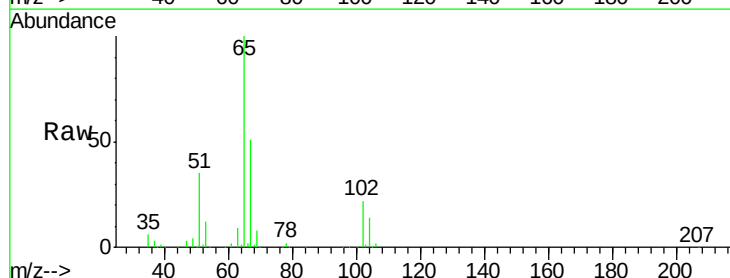
Acq: 03 Feb 2020 17:13

Tgt Ion: 65 Resp: 83445

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

40000

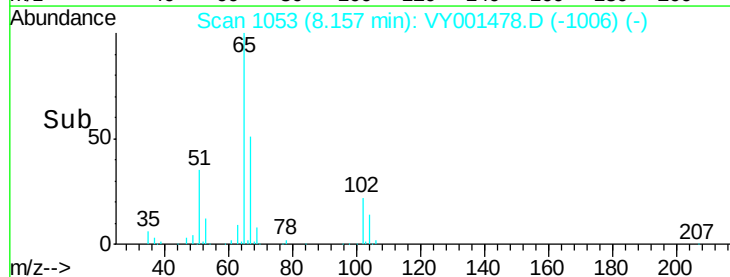
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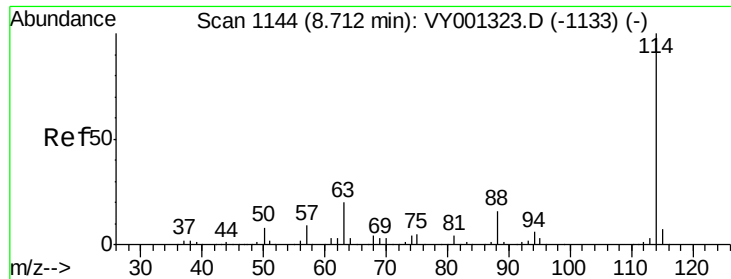
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Time-->





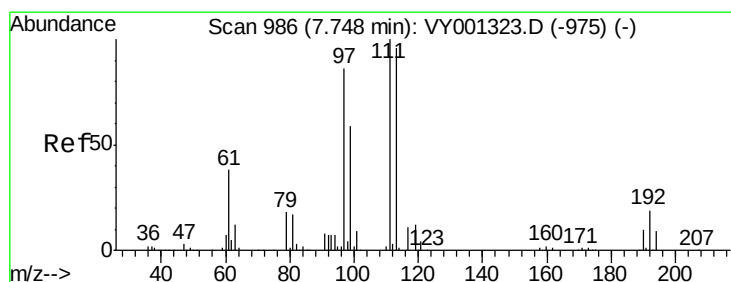
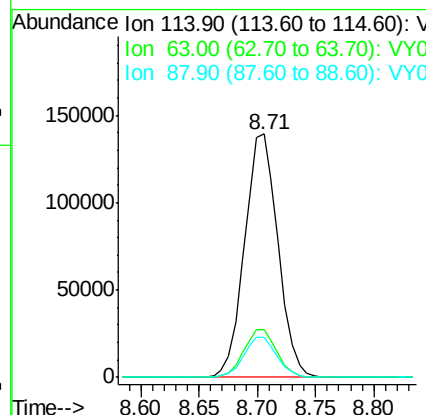
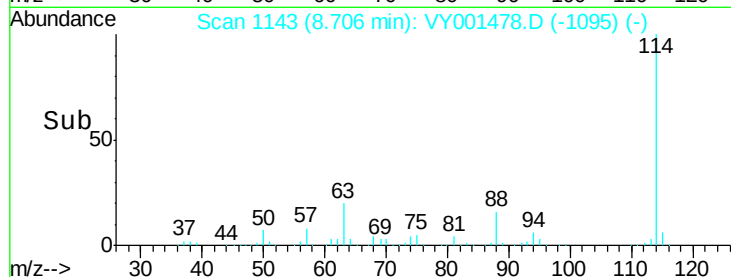
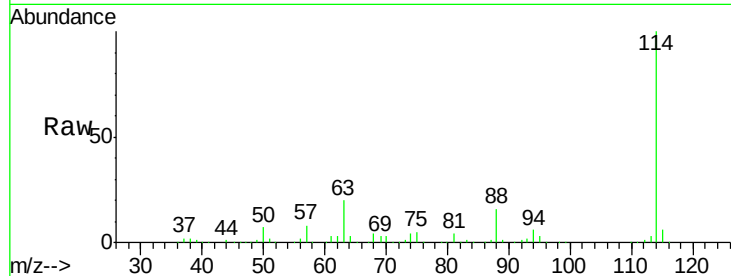
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001478.D
Acq: 03 Feb 2020 17:13

Instrument :
MSVOA_Y
ClientSampleId :
TP-C

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.8	0.0	40.8
88	16.5	0.0	31.0

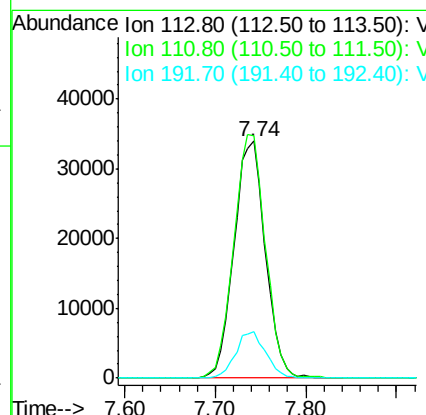
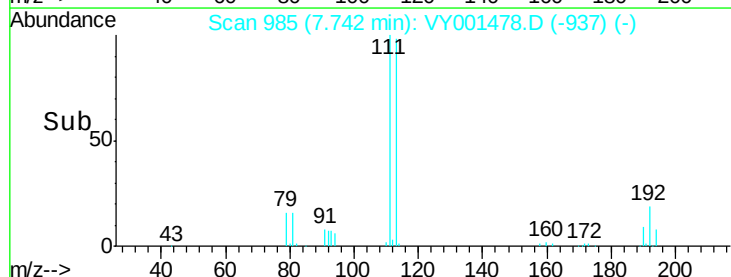
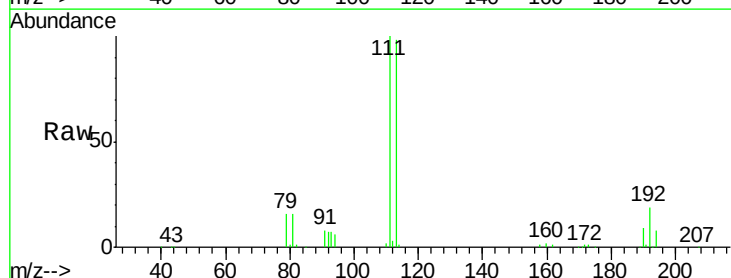
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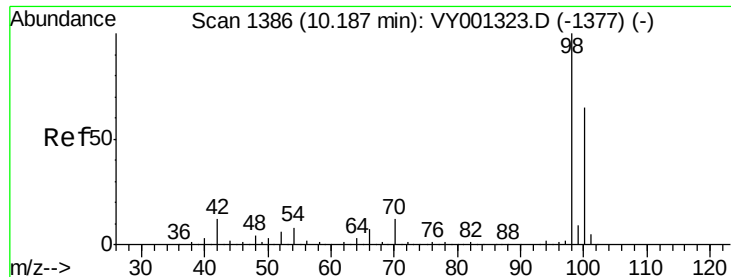
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#35
Dibromofluoromethane
Concen: 50.045 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001478.D
Acq: 03 Feb 2020 17:13

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.8	82.8	124.2
192	18.9	15.5	23.3





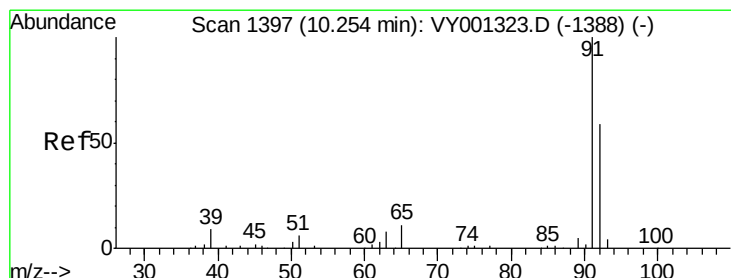
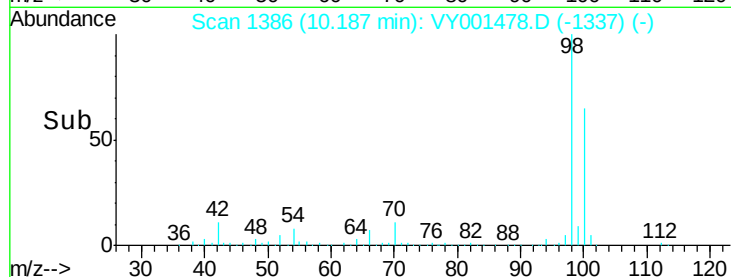
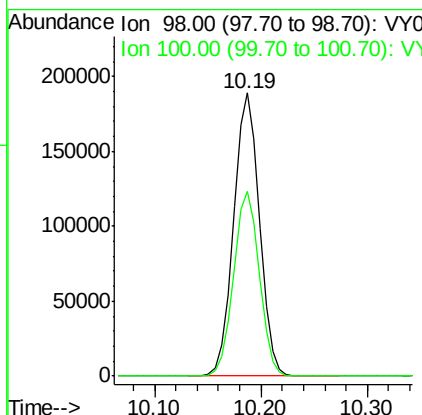
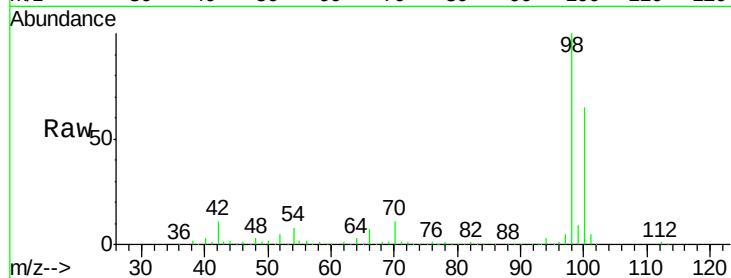
#50
Toluene-d8
Concen: 50.594 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001478.D
Acq: 03 Feb 2020 17:13

Instrument :
MSVOA_Y
ClientSampleId :
TP-C

Tot Ion: 98 Resp: 320631
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0

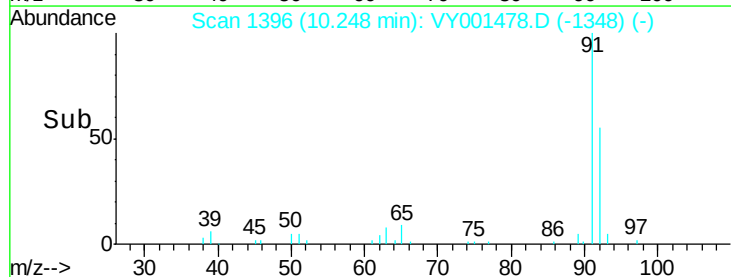
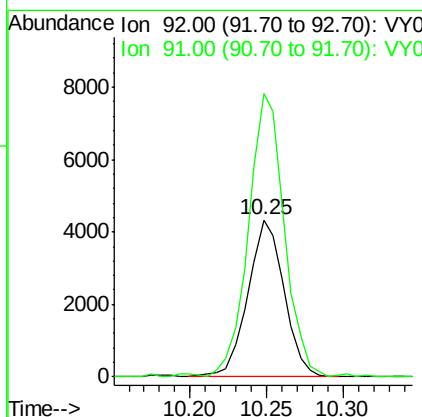
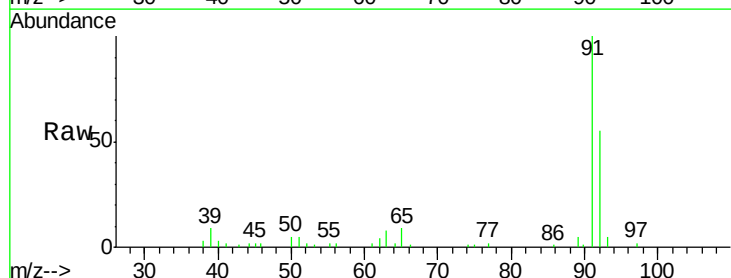
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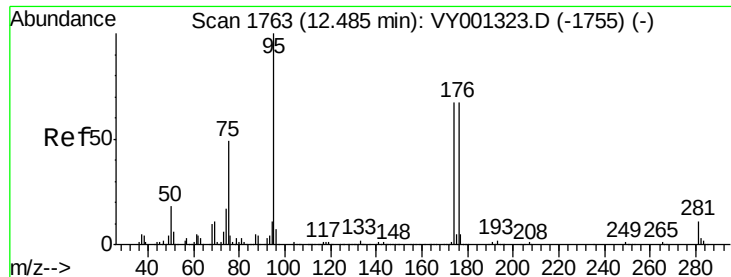
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#52
Toluene
Concen: 1.431 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001478.D
Acq: 03 Feb 2020 17:13

Tgt Ion: 92 Resp: 7142
Ion Ratio Lower Upper
92 100
91 177.6 136.4 204.6





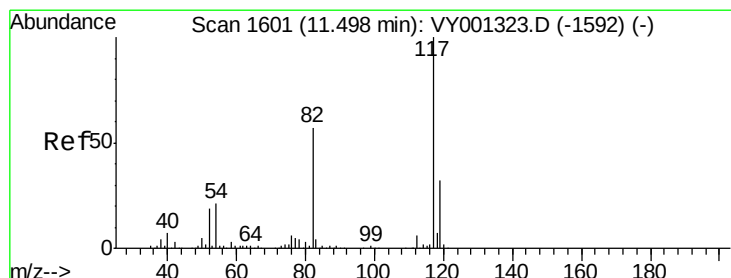
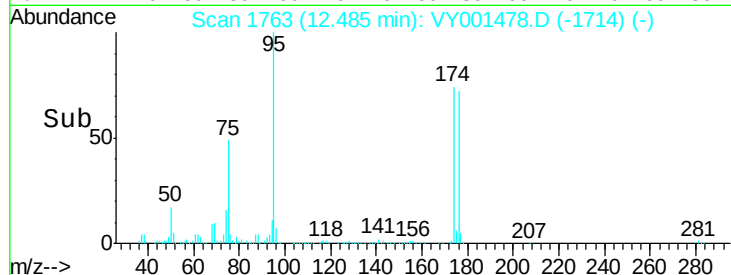
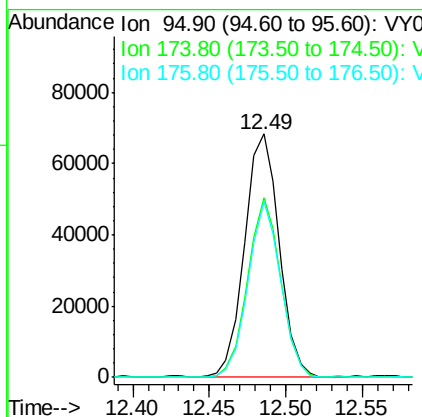
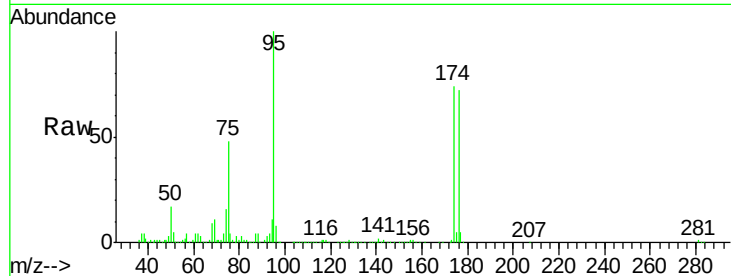
#62
4-Bromofluorobenzene
Concen: 42.220 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001478.D
Acq: 03 Feb 2020 17:13

Instrument :
MSVOA_Y
ClientSampled :
TP-C

Tot Ion	Ratio	Resp	Lower	Upper
95	100	106552		
174	71.1	0.0	142.0	
176	68.6	0.0	138.6	

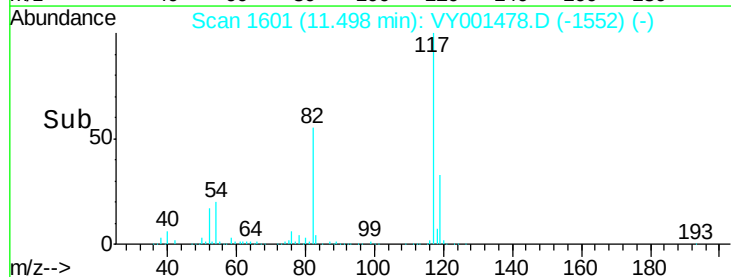
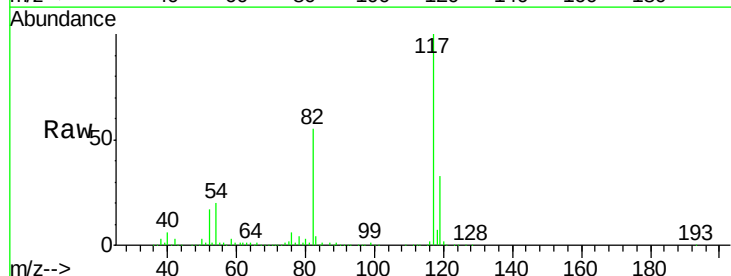
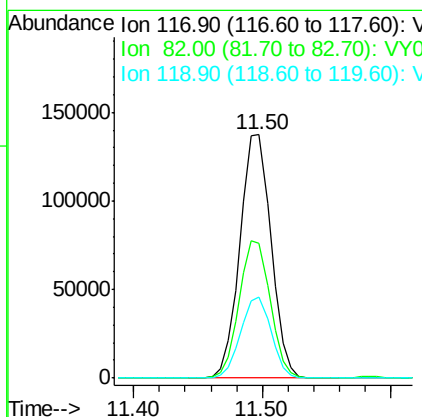
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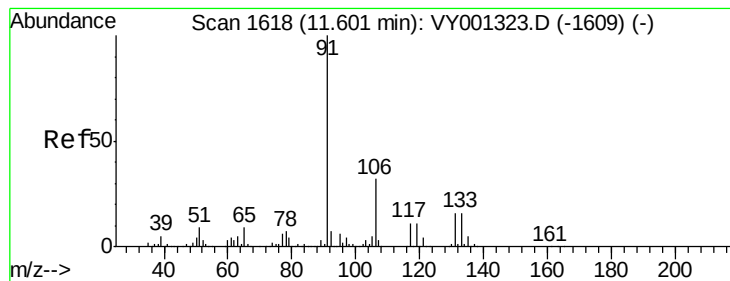
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001478.D
Acq: 03 Feb 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	230128		
82	55.3	45.5	68.3	
119	33.2	25.8	38.6	





#67

Ethyl Benzene

Concen: 1.063 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA_Y

ClientSampled :

TP-C

Tot Ion: 91 Resp: 9502

Ion Ratio Lower Upper

91 100

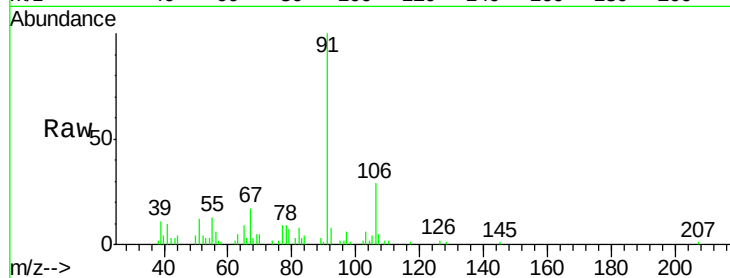
106 29.2 25.4 38.0

Manual Integrations

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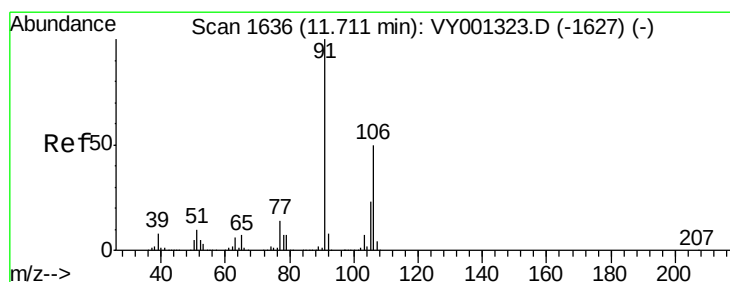
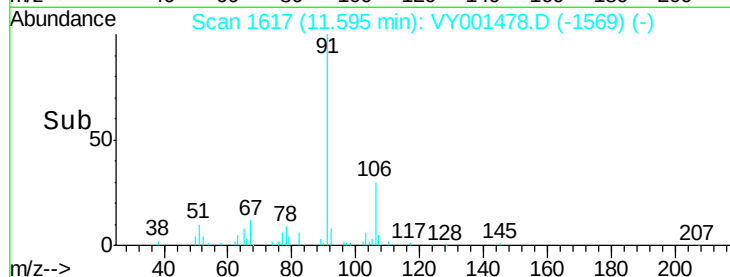
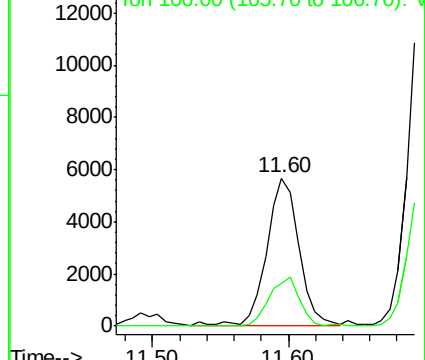
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 3.777 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001478.D

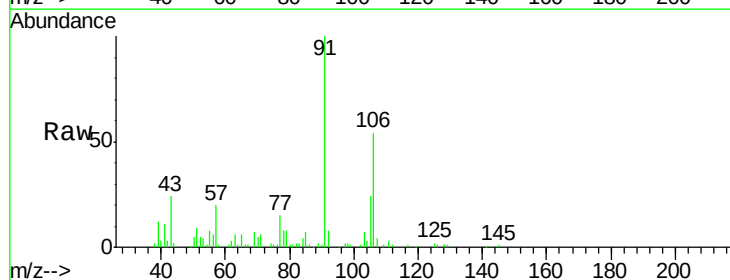
Acq: 03 Feb 2020 17:13

Tgt Ion: 106 Resp: 12610

Ion Ratio Lower Upper

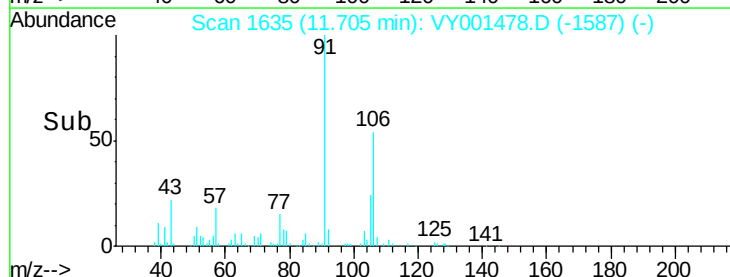
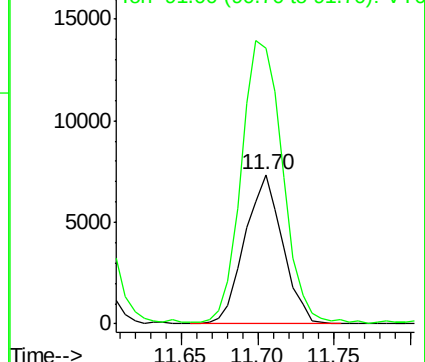
106 100

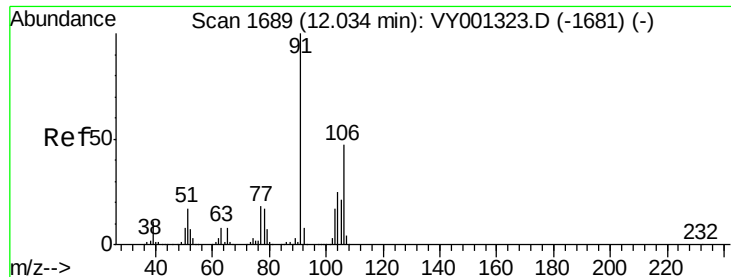
91 208.1 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





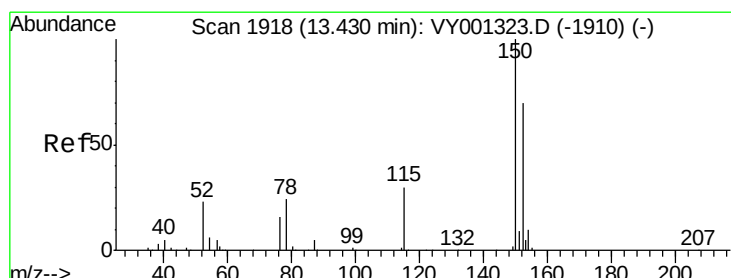
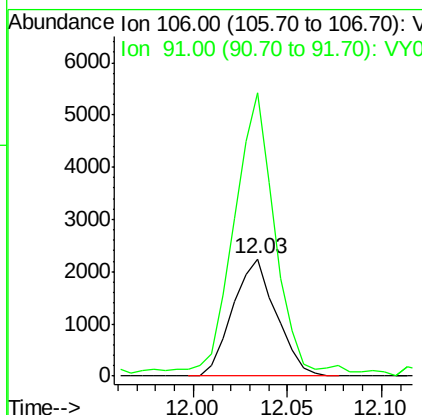
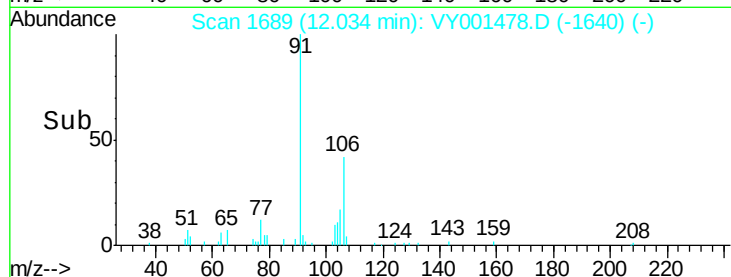
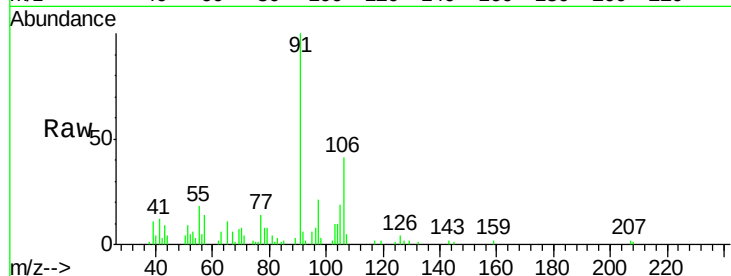
#69
o-Xylene
Concen: 1.114 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001478.D
Acq: 03 Feb 2020 17:13

Instrument :
MSVOA_Y
ClientSampled :
TP-C

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	238.0	106.3	319.0	

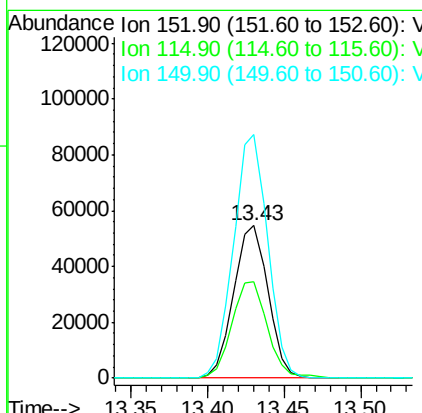
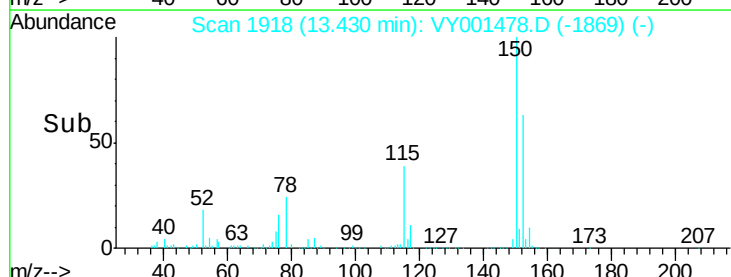
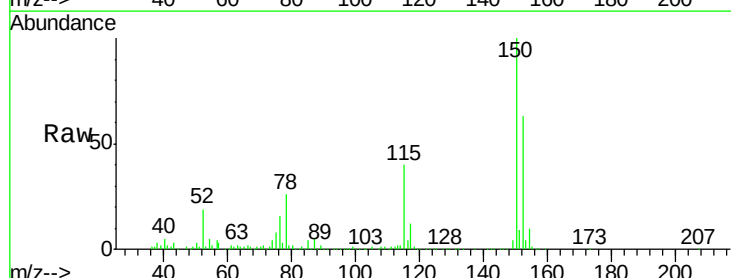
Manual Integrations
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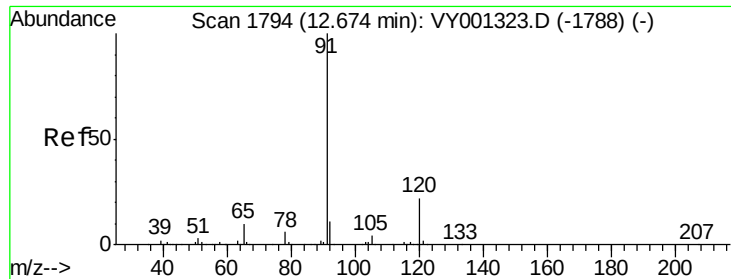
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001478.D
Acq: 03 Feb 2020 17:13

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	64.7	30.9	92.8	
150	158.7	0.0	349.2	





#78

n-propylbenzene

Concen: 2.491 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001478.D

Acq: 03 Feb 2020 17:13

Instrument :

MSVOA_Y

ClientSampled :

TP-C

Tot Ion: 91 Resp: 20177

Ion Ratio Lower Upper

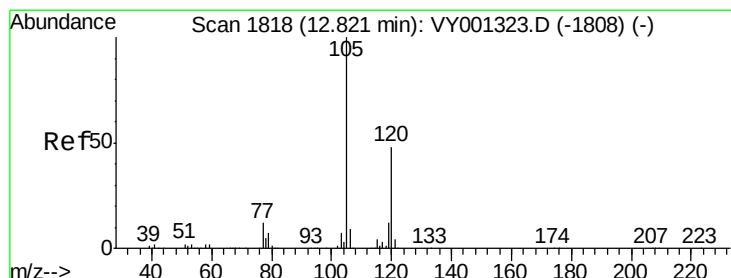
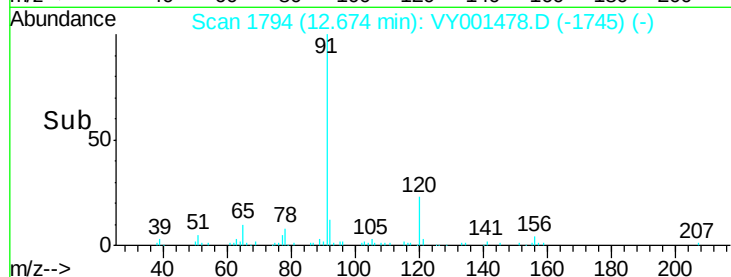
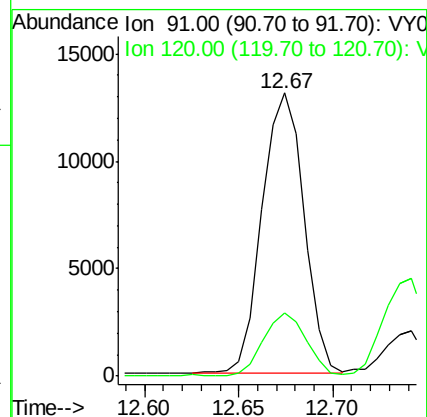
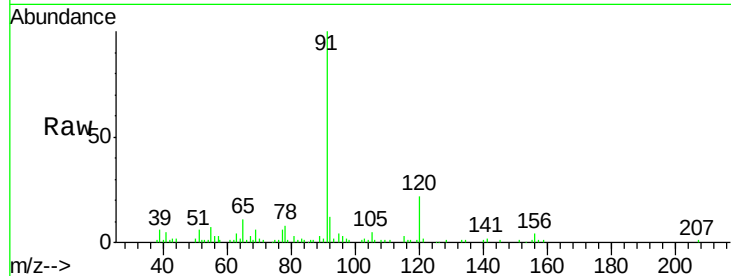
91 100

120 23.2 11.3 33.8

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#80

1,3,5-Trimethylbenzene

Concen: 2.646 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001478.D

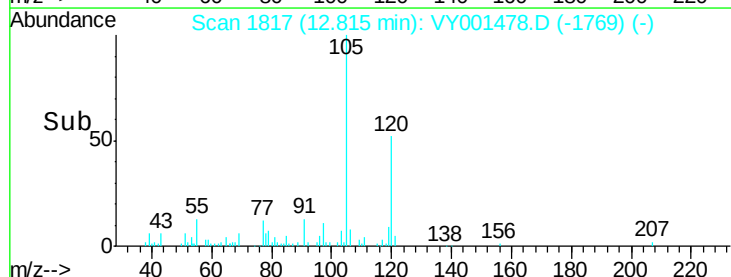
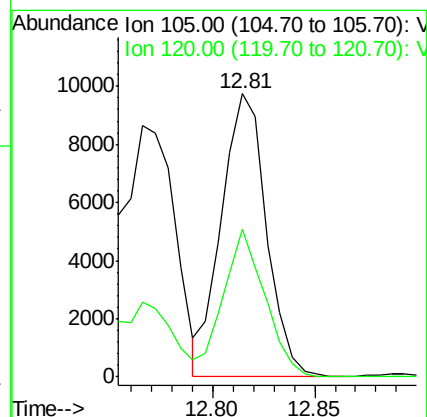
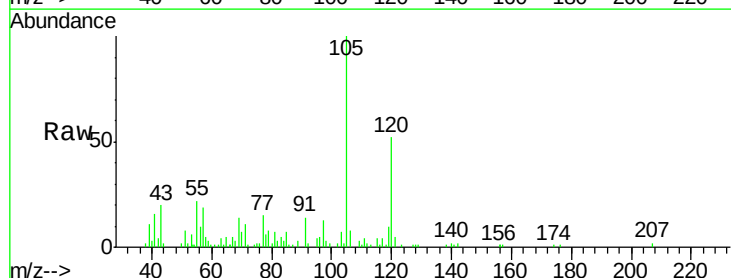
Acq: 03 Feb 2020 17:13

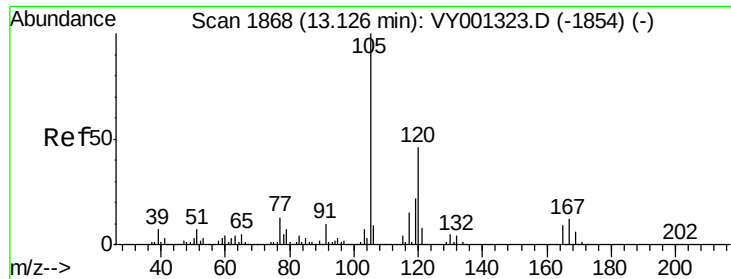
Tgt Ion: 105 Resp: 14862

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.9





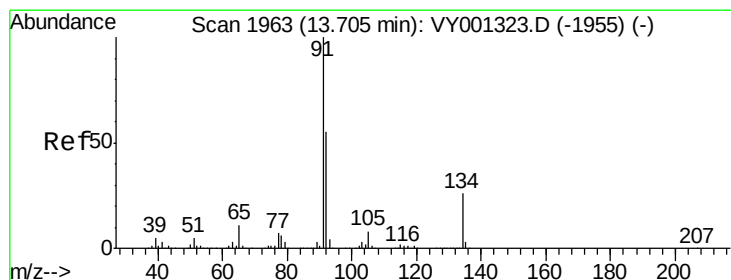
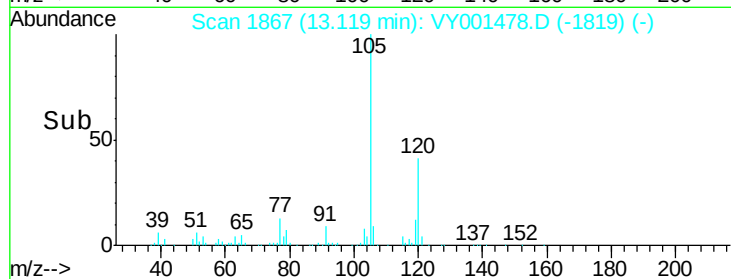
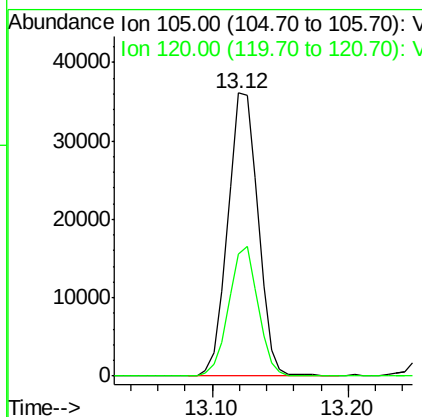
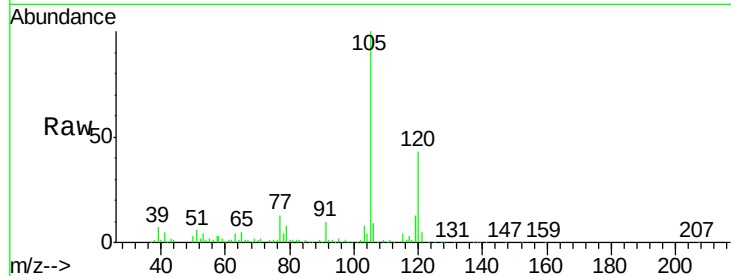
#84
 1,2,4-Trimethylbenzene
 Concen: 9.922 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001478.D
 Acq: 03 Feb 2020 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.4	67.3

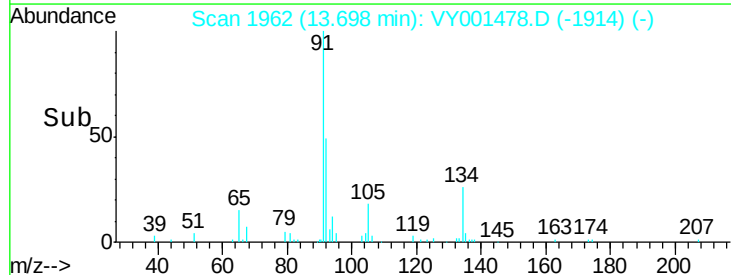
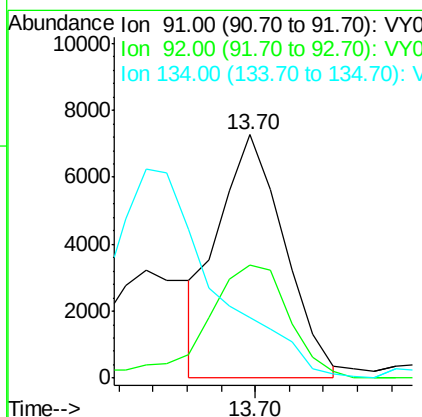
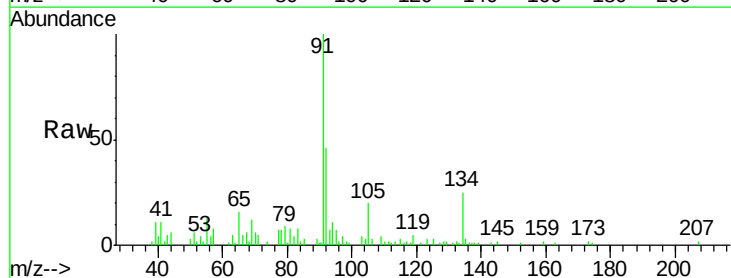
Manual Integrations
 APPROVED

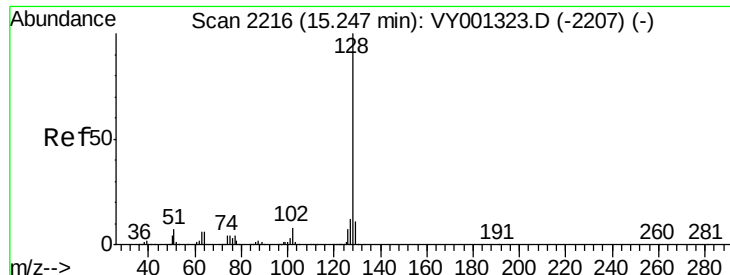
MMDadoda
 2/4/2020 11:21:57 AM



#89
 n-Butylbenzene
 Concen: 1.652 ug/l m
 RT: 13.70 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VY001478.D
 Acq: 03 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.7	27.6	82.8
134	0.0	12.9	38.6#





#95
Naphthalene
Concen: 11.779 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001478.D
Acq: 03 Feb 2020 17:13

Instrument :
MSVOA_Y
ClientSampleId :
TP-C

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.2	15.2
129	13.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/4/2020 11:21:57 AM

