

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001947.D
 Acq On : 11 Mar 2020 16:46
 Operator : SY/MD
 Sample : L1893-01
 Misc : 5.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1(0-1)RE

Manual Integrations
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 3/12/2020 2:46:20 PM

Quant Time: Mar 12 09:30:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	178128	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	321135	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	252908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	78326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	105132	55.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.58%	
35) Dibromofluoromethane	7.74	113	98534	56.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.38%	
50) Toluene-d8	10.19	98	382620	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.49	95	98304	38.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.46%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.19	83	52449	12.796	ug/l	95
67) Ethyl Benzene	11.59	91	43590	4.638	ug/l	100
68) m/p-Xylenes	11.70	106	38670	11.129	ug/l	98
69) o-Xylene	12.03	106	3532	1.078	ug/l	94
73) Isopropylbenzene	12.33	105	17641	2.950	ug/l	100
78) n-propylbenzene	12.68	91	39219	5.317	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	41077	8.345	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	175815	35.991	ug/l	99
85) sec-Butylbenzene	13.26	105	10220	1.696	ug/l #	63
86) p-Isopropyltoluene	13.38	119	21119	4.063	ug/l	98
89) n-Butylbenzene	13.70	91	19896m	3.689	ug/l	
95) Naphthalene	15.24	128	70004	20.179	ug/l	99

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

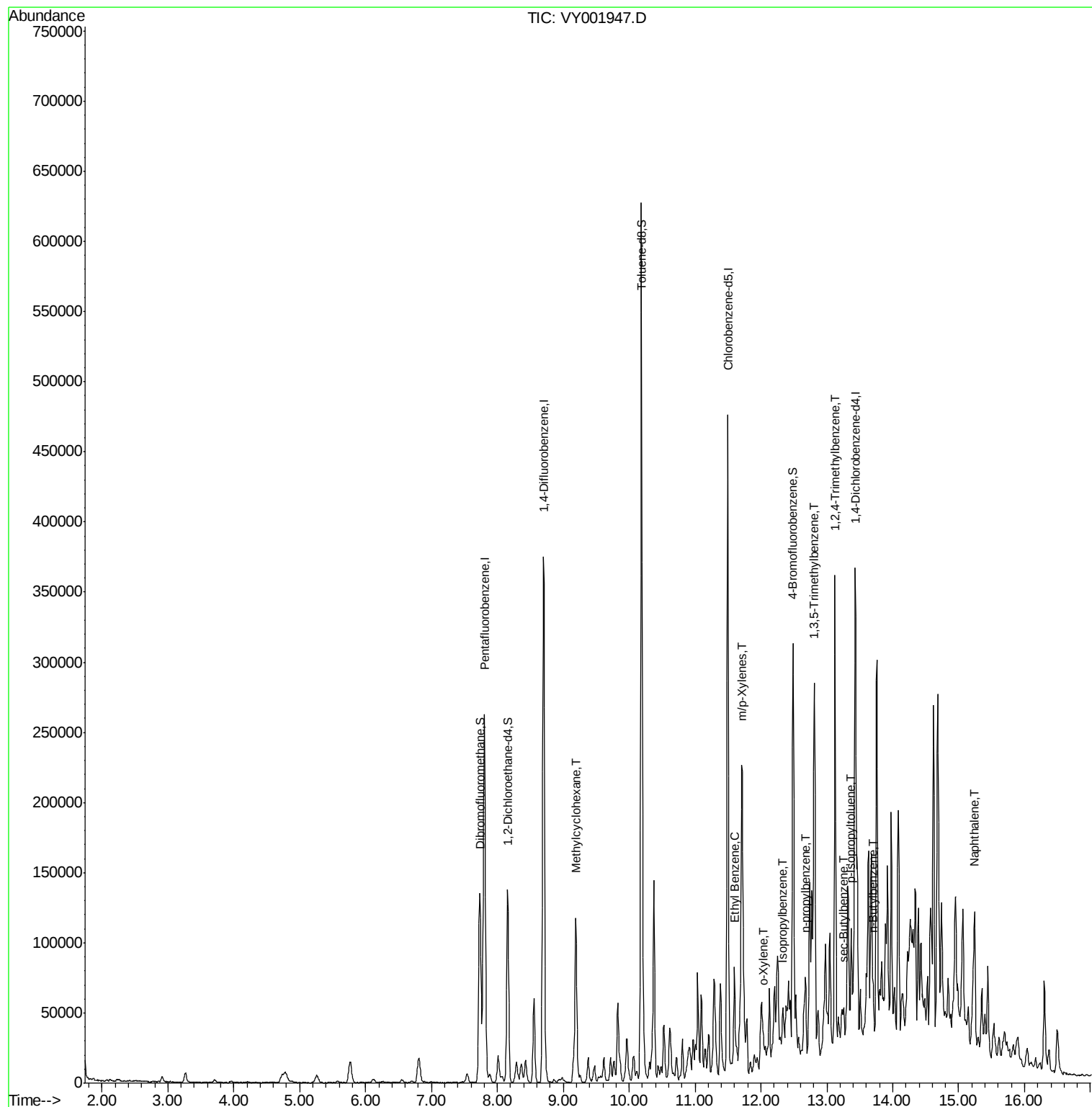
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Data File : VY001947.D
Acq On : 11 Mar 2020 16:46
Operator : SY/MD
Sample : L1893-01
Misc : 5.16G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

Manual Integrations
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3/12/2020 2:46:20 PM

Quant Time: Mar 12 09:30:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-1(0-1)RE

Tot Ion:168 Resp: 178128

Ion Ratio Lower Upper

168 100

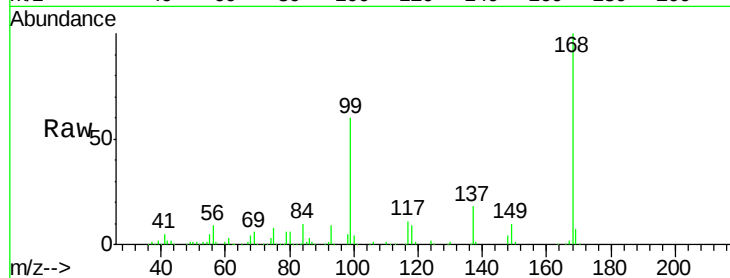
99 60.1 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.80

80000

60000

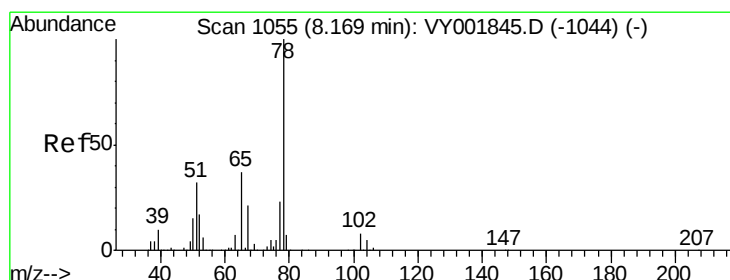
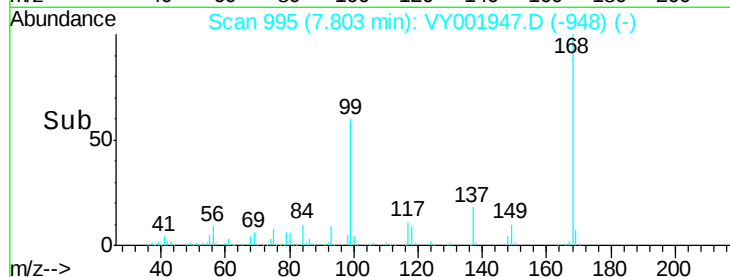
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20000

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Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 55.285 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001947.D

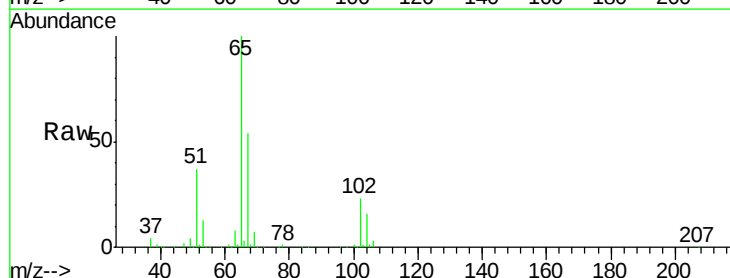
Acq: 11 Mar 2020 16:46

Tgt Ion: 65 Resp: 105132

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

8.16

50000

40000

30000

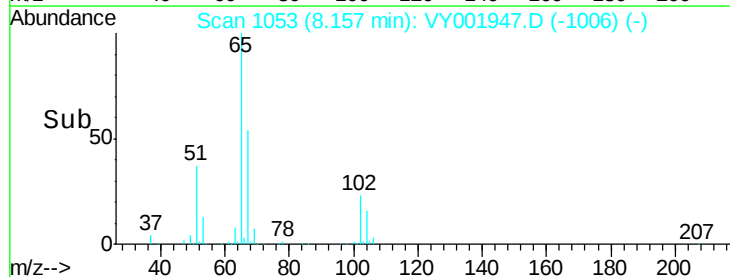
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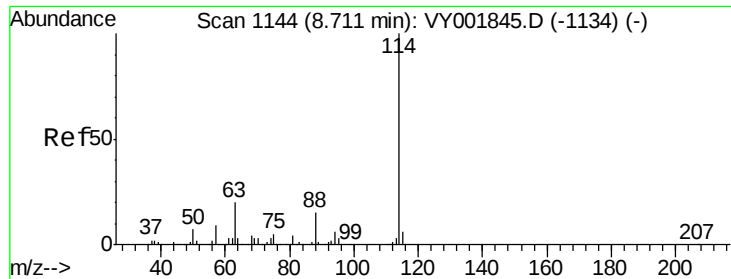
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Time-->

8.10 8.20 8.30





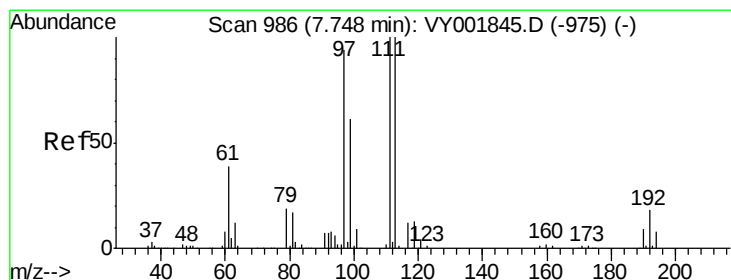
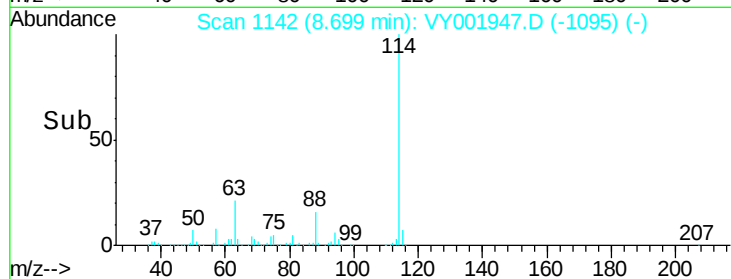
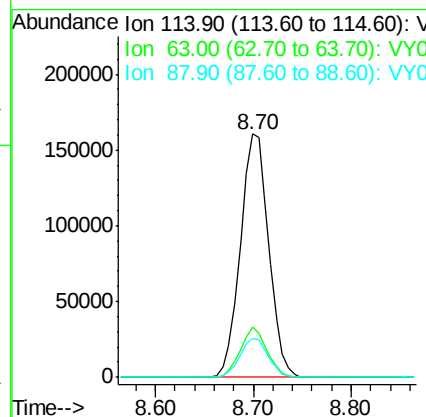
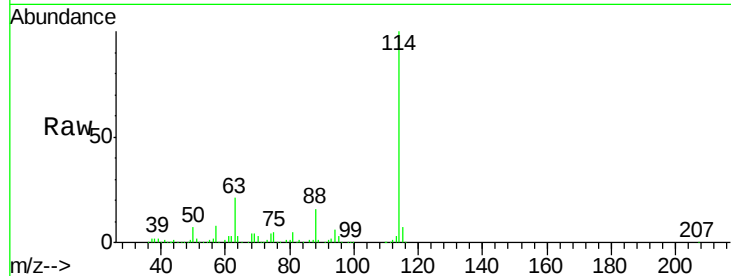
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1(0-1)RE

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.7	0.0	39.4
88	16.1	0.0	30.4

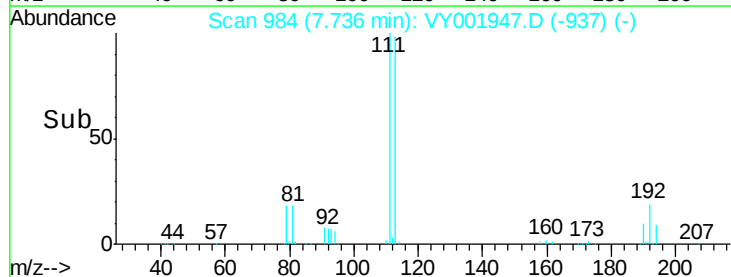
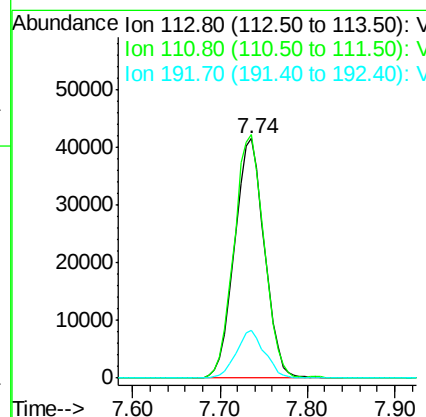
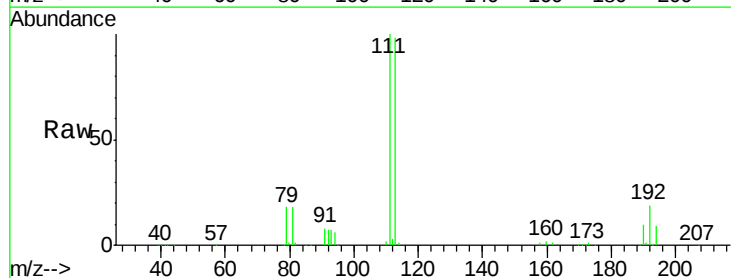
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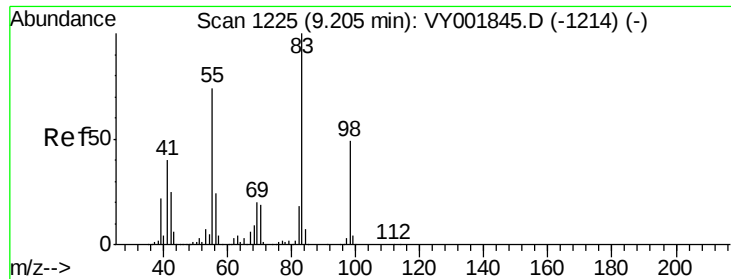
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#35
 Dibromofluoromethane
 Concen: 56.191 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.2	81.8	122.8
192	19.0	14.2	21.2





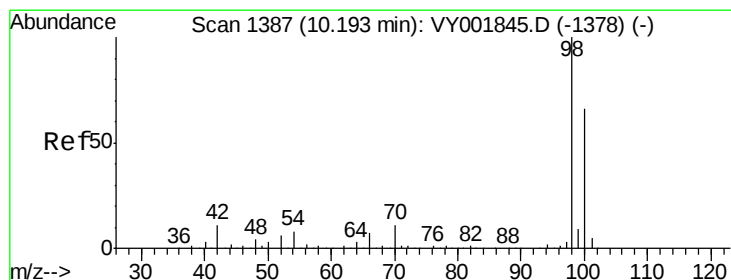
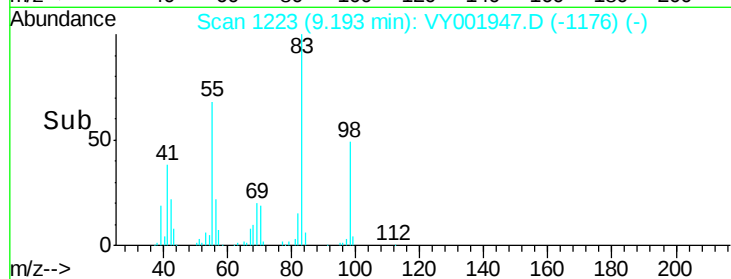
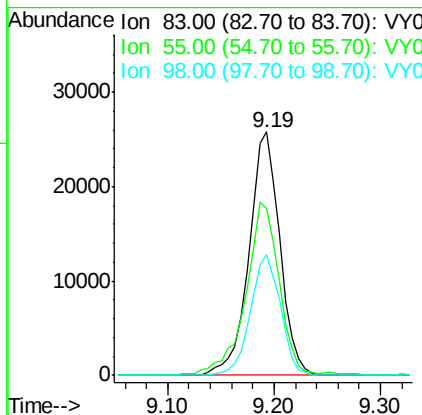
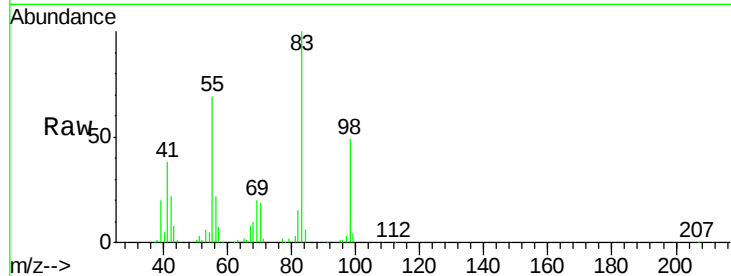
#39
Methvlcvclohexane
Concen: 12.796 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.8	59.4	89.0
98	49.4	38.9	58.3

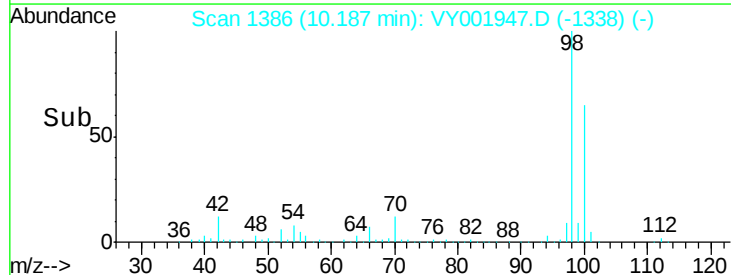
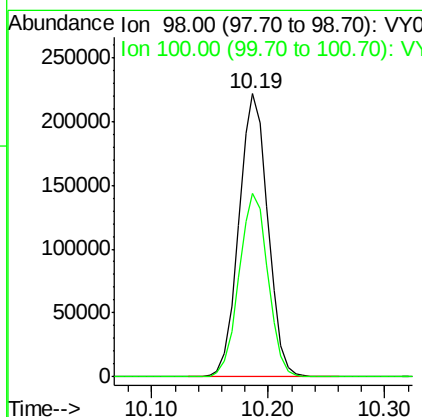
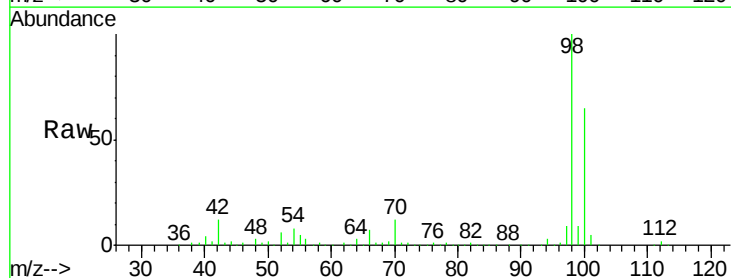
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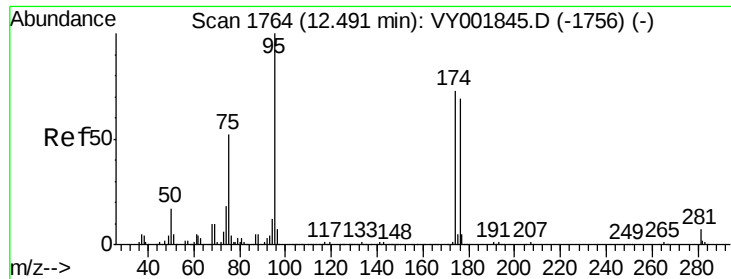
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#50
Toluene-d8
Concen: 51.745 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.0	79.4





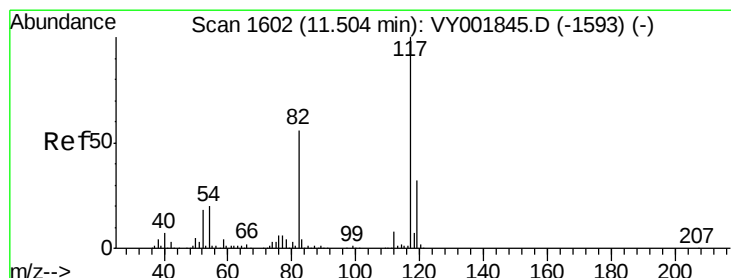
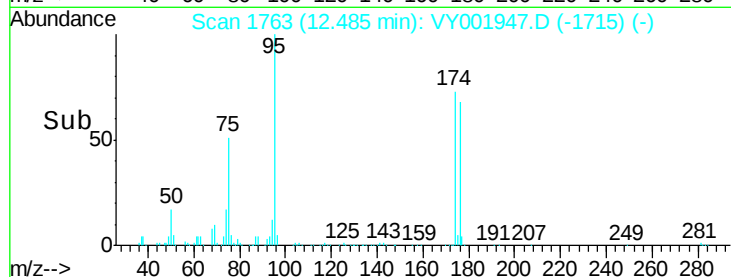
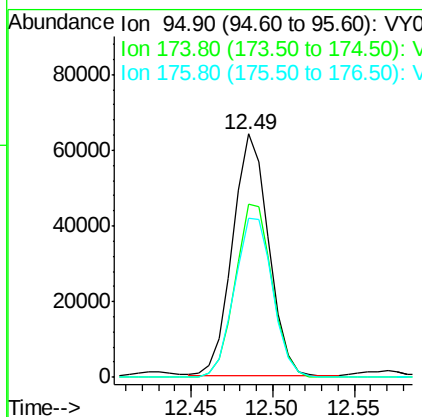
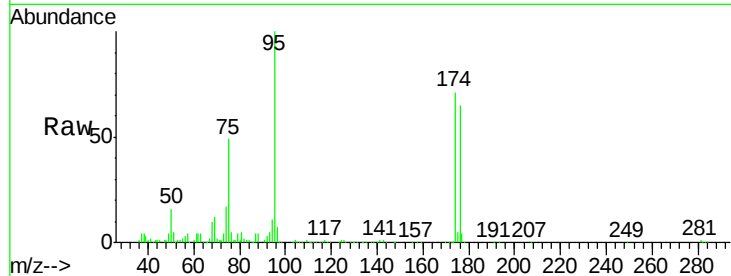
#62
4-Bromofluorobenzene
Concen: 38.234 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	145.0
176	69.7	0.0	137.4

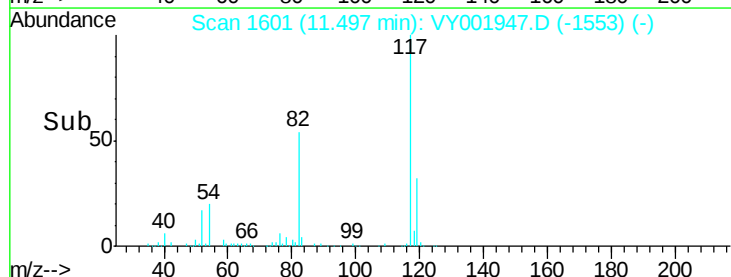
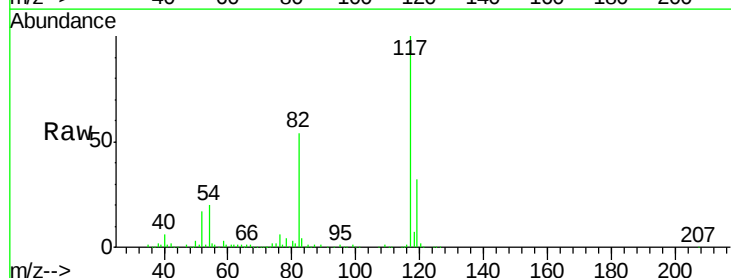
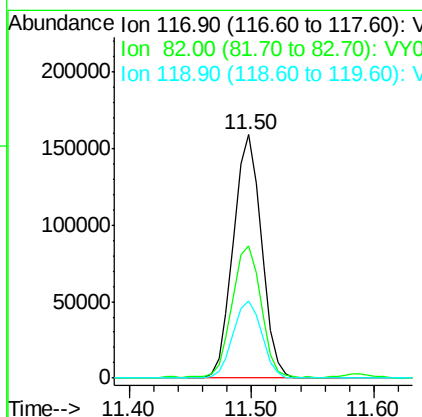
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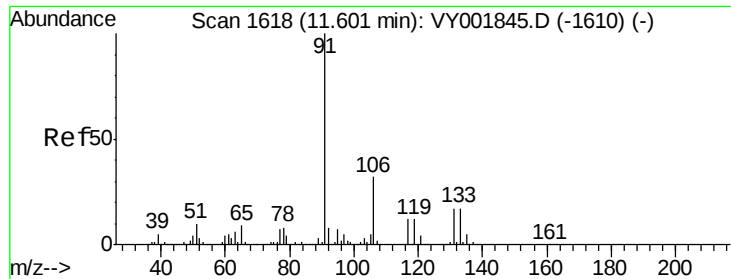
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.5	66.7
119	31.7	25.7	38.5





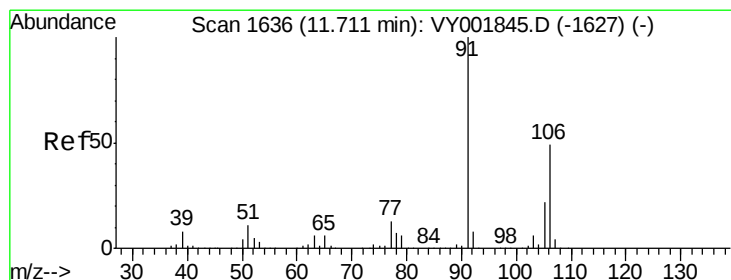
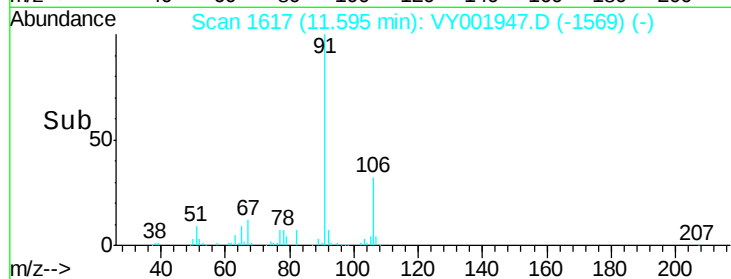
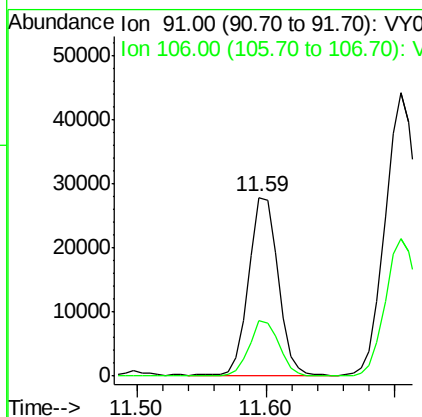
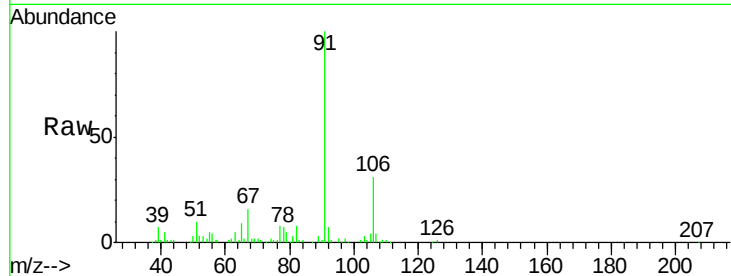
#67
Ethyl Benzene
Concen: 4.638 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

Tot Ion: 91 Resp: 43590
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

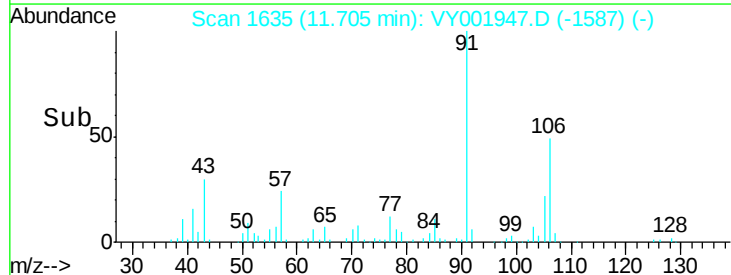
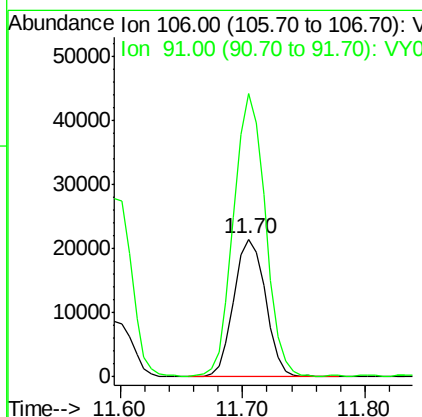
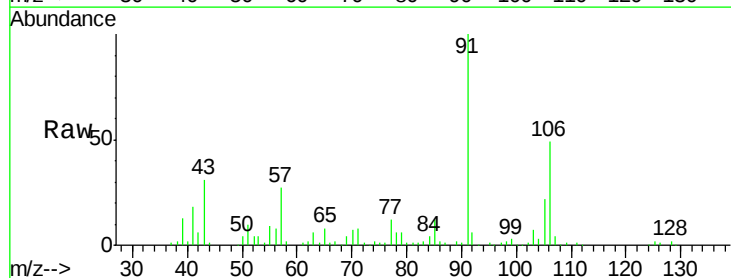
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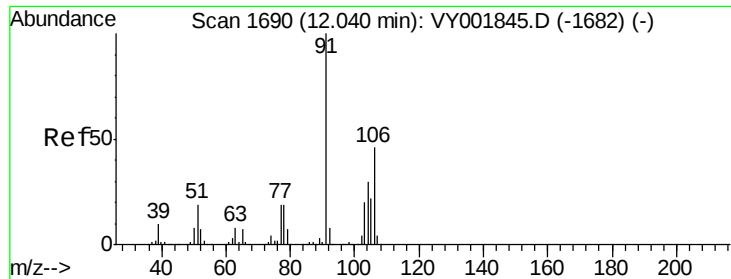
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#68
m/p-Xylenes
Concen: 11.129 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion: 106 Resp: 38670
Ion Ratio Lower Upper
106 100
91 204.0 161.3 241.9





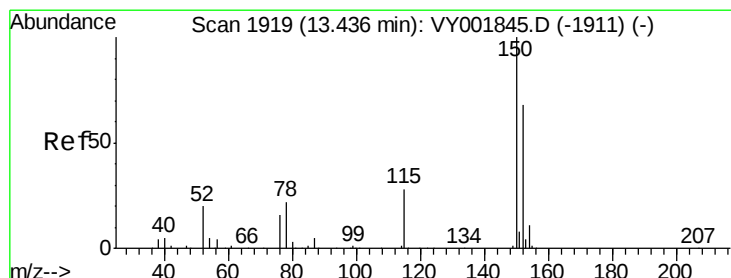
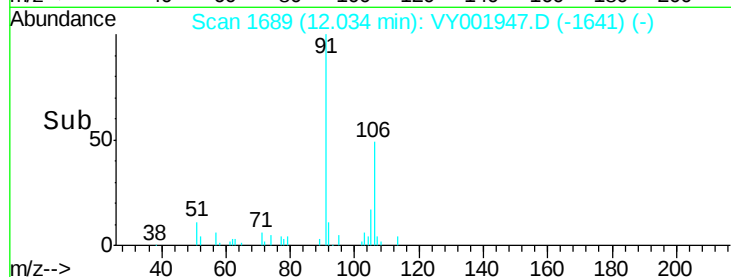
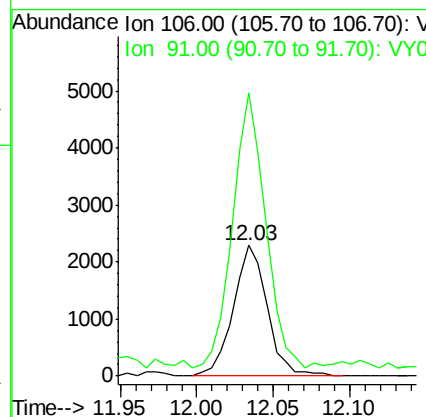
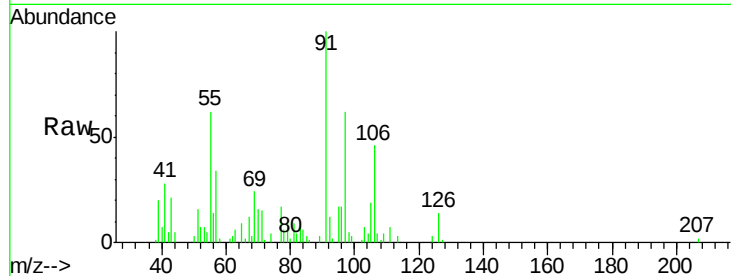
#69
o-Xylene
Concen: 1.078 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

Tot Ion:106 Resp: 3532
Ion Ratio Lower Upper
106 100
91 204.3 106.8 320.4

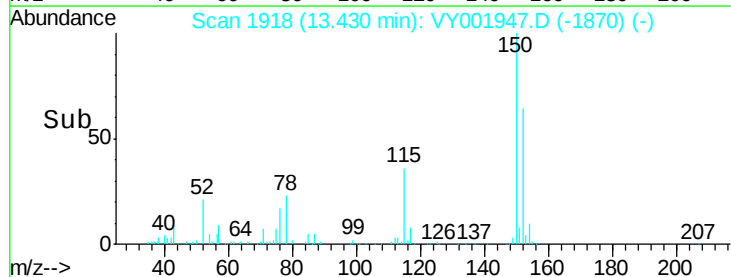
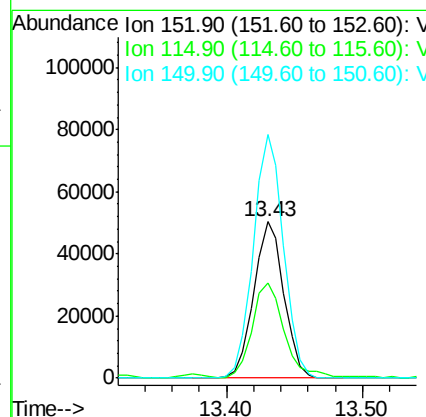
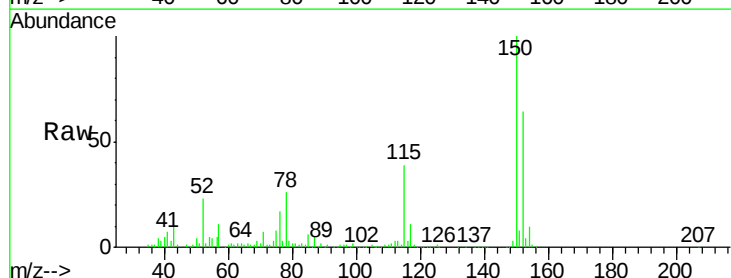
Manual Integrations
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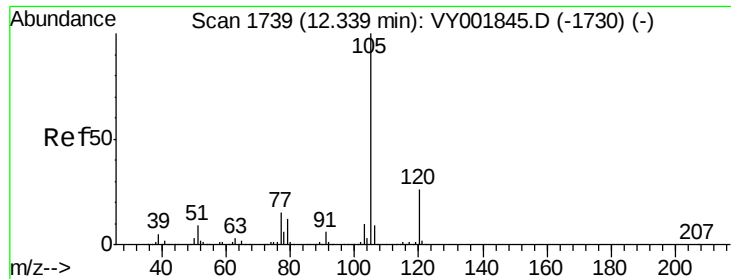
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion:152 Resp: 78326
Ion Ratio Lower Upper
152 100
115 64.1 29.9 89.7
150 154.7 0.0 340.6





#73

Isopropylbenzene

Concen: 2.950 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-1(0-1)RE

Tot Ion:105 Resp: 17641

Ion Ratio Lower Upper

105 100

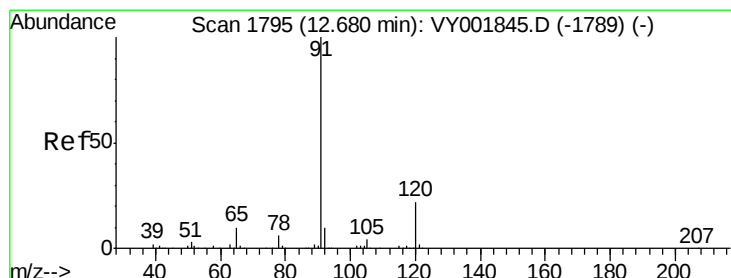
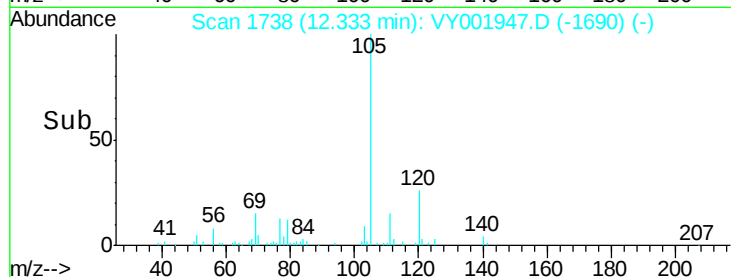
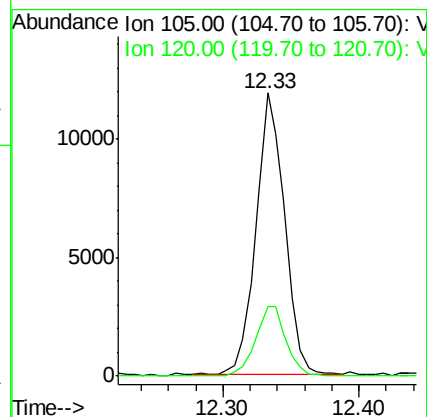
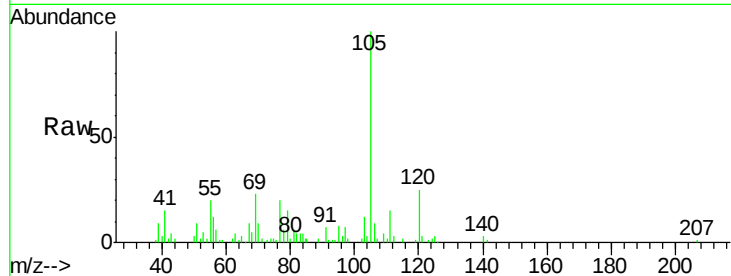
120 26.3 13.1 39.3

Manual Integrations

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3/12/2020 2:46:20 PM



#78

n-propylbenzene

Concen: 5.317 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001947.D

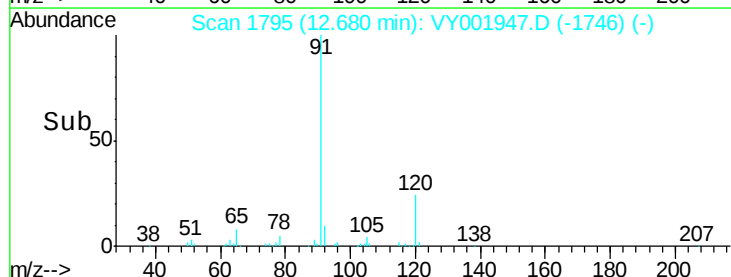
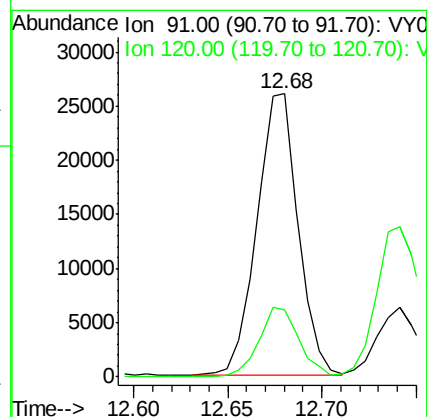
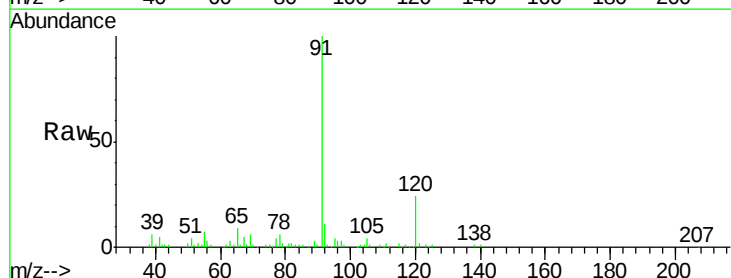
Acq: 11 Mar 2020 16:46

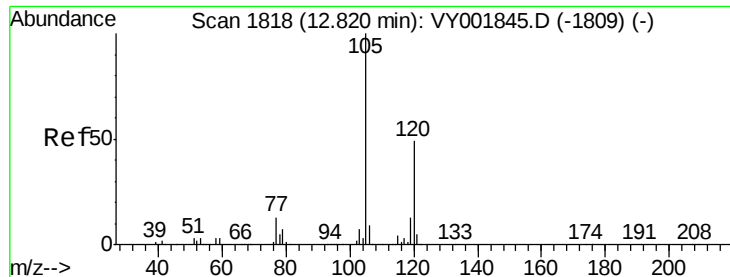
Tgt Ion: 91 Resp: 39219

Ion Ratio Lower Upper

91 100

120 24.2 11.0 33.0





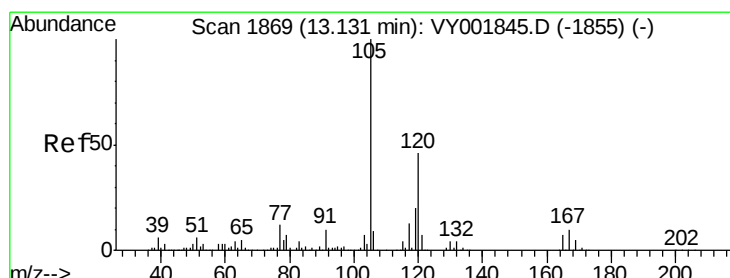
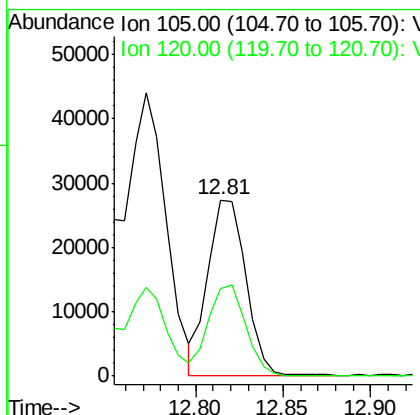
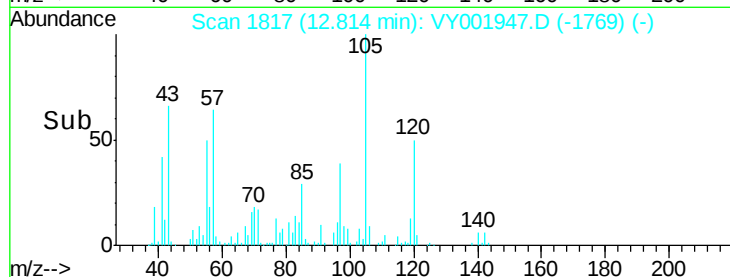
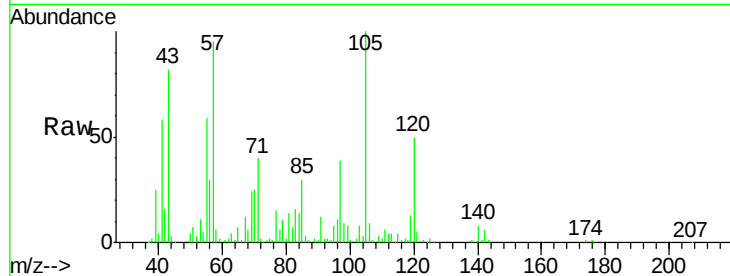
#80
 1,3,5-Trimethylbenzene
 Concen: 8.345 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1(0-1)RE

Tot Ion:105 Resp: 41077
 Ion Ratio Lower Upper
 105 100
 120 51.7 24.4 73.2

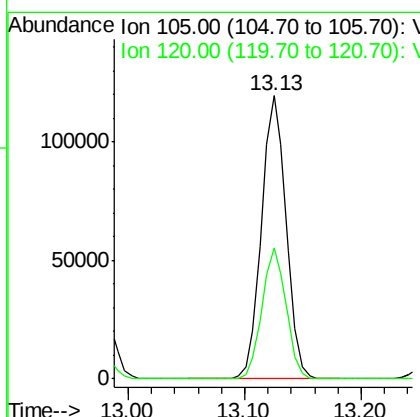
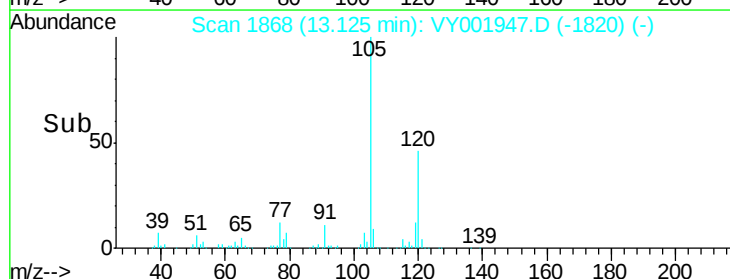
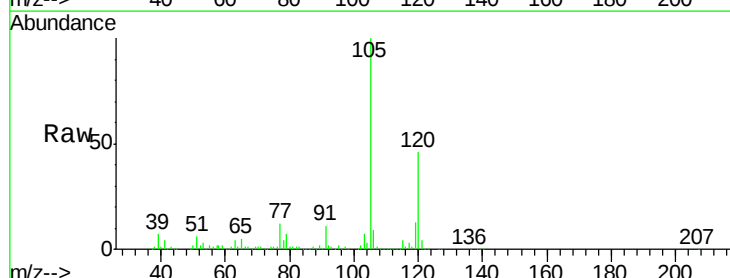
Manual Integrations
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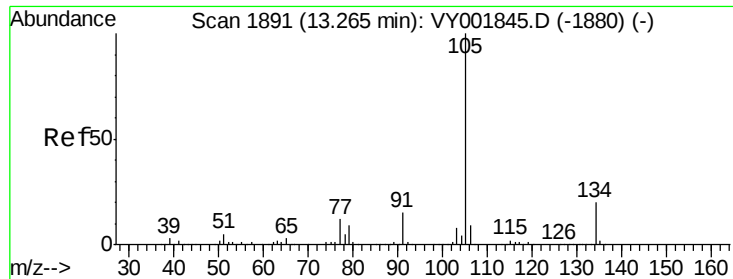
MMDadoda
 3/12/2020 2:46:20 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 35.991 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Tgt Ion:105 Resp: 175815
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.7





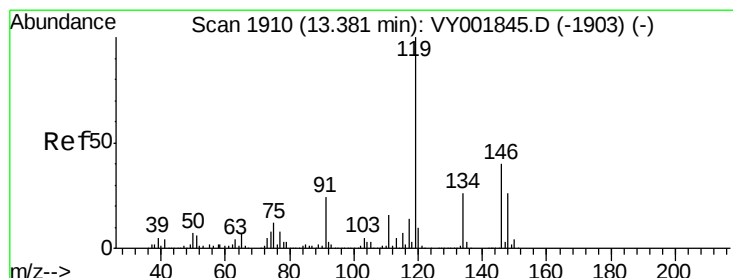
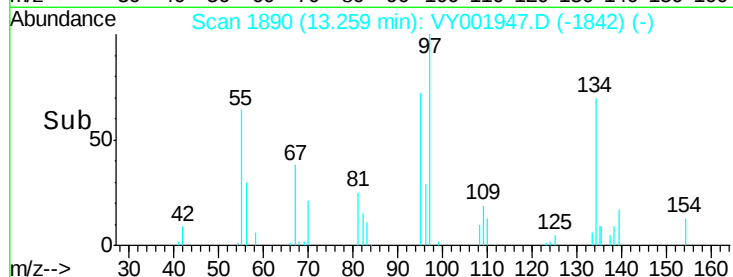
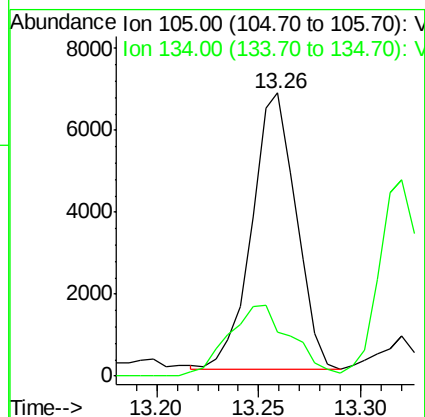
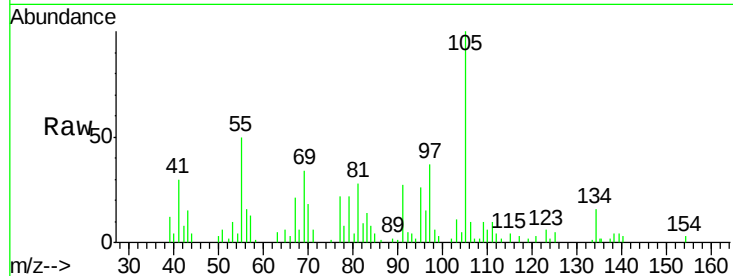
#85
 sec-Butylbenzene
 Concen: 1.696 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1(0-1)RE

Tot Ion:105 Resp: 10220
 Ion Ratio Lower Upper
 105 100
 134 36.2 9.7 29.1#

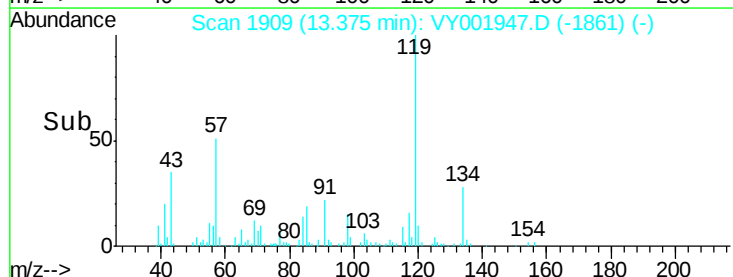
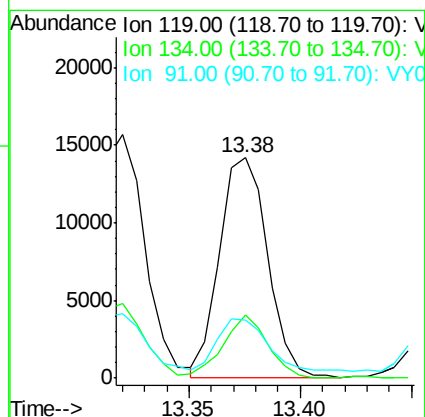
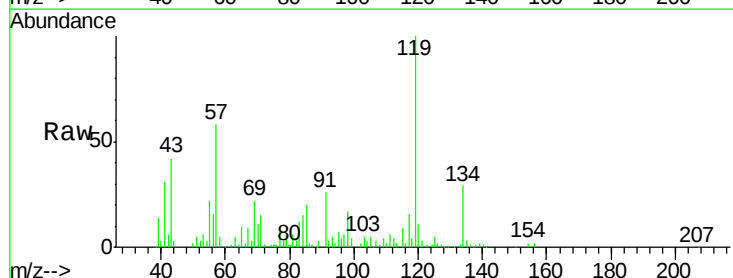
Manual Integrations
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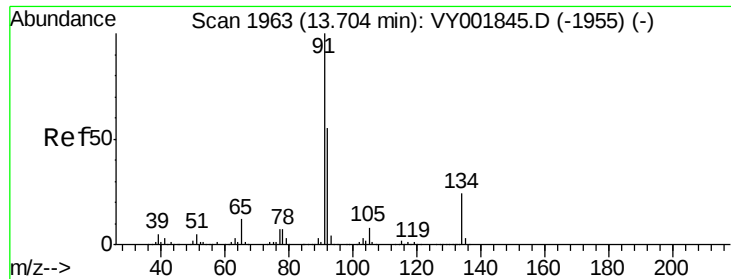
MMDadoda
 3/12/2020 2:46:20 PM



#86
 p-Isopropyltoluene
 Concen: 4.063 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Tgt Ion:119 Resp: 21119
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 25.4 11.9 35.7





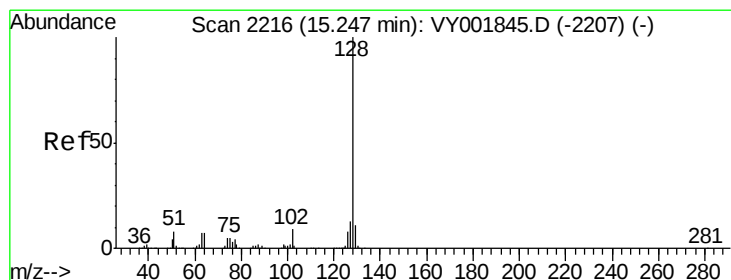
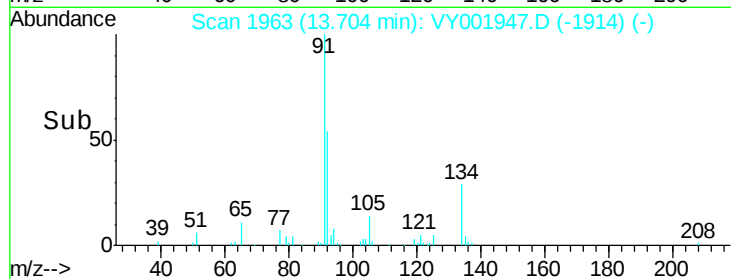
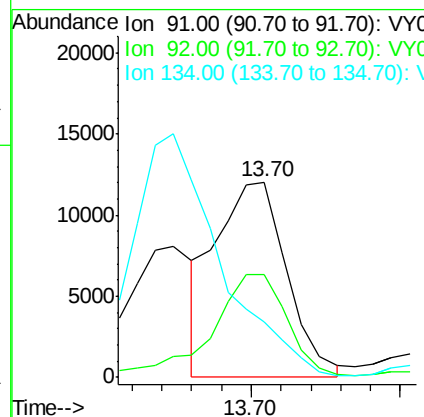
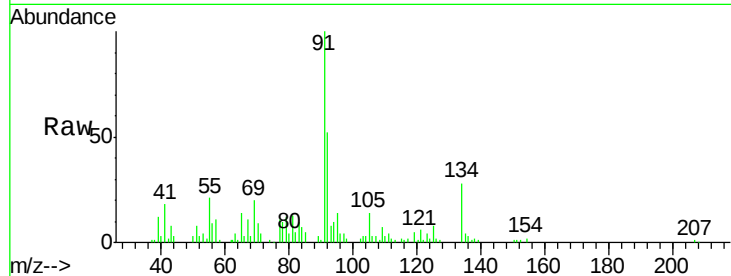
#89
n-Butylbenzene
Concen: 3.689 ug/l m
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

Tot Ion	Ratio	Resp	Lower	Upper
91	100	19896		
92	55.6		27.5	82.4
134	0.0		12.5	37.5#

Manual Integrations
APPROVED

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3/12/2020 2:46:20 PM



#95
Naphthalene
Concen: 20.179 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	70004		
127	13.0		10.1	15.1
129	11.4		8.6	13.0

