

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001706.D
 Acq On : 19 Feb 2020 17:58
 Operator : SY/MD
 Sample : L1589-03
 Misc : 6.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB5-4.5-5.0

Manual Integrations
 APPROVED

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 2/20/2020 5:56:22 PM

Quant Time: Feb 20 06:24:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	196881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	366751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	335094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	152836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	115612	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	7.74	113	107363	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.19	98	440667	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.49	95	158154	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.20	83	10709	2.304	ug/l	91
52) Toluene	10.26	92	31685	4.930	ug/l	99
67) Ethyl Benzene	11.60	91	45961	3.702	ug/l	99
68) m/p-Xylenes	11.71	106	48680	10.497	ug/l	96
69) o-Xylene	12.04	106	18683	4.237	ug/l	97
73) Isopropylbenzene	12.34	105	16715	1.436	ug/l	94
78) n-propylbenzene	12.68	91	36090	2.545	ug/l	97
80) 1,3,5-Trimethylbenzene	12.82	105	14720	1.527	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	63170	6.574	ug/l	99
85) sec-Butylbenzene	13.26	105	19296	1.628	ug/l	94
89) n-Butylbenzene	13.70	91	12939m	1.229	ug/l	
95) Naphthalene	15.24	128	12293	1.781	ug/l #	74

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

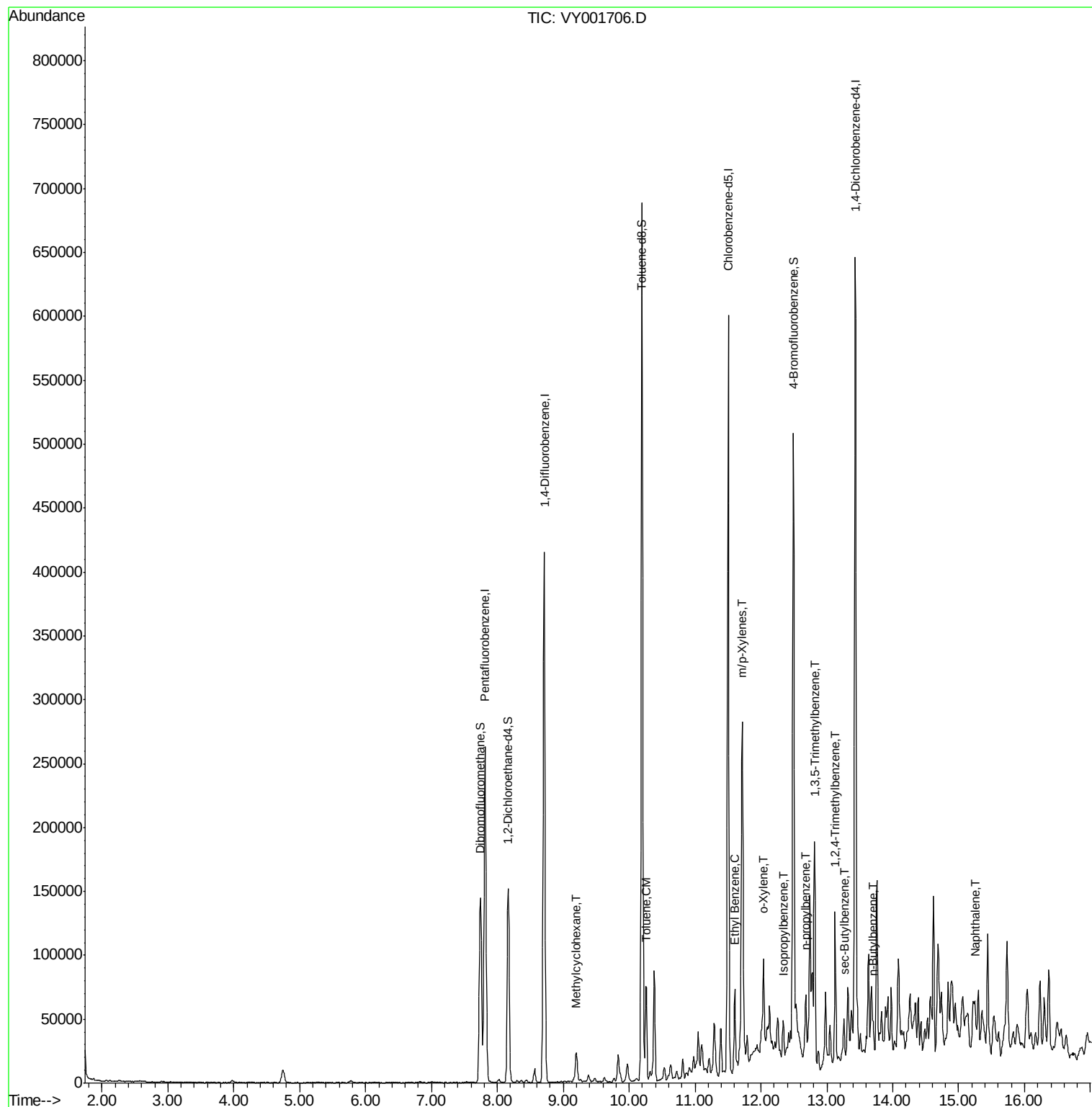
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
Data File : VY001706.D
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ALS Vial : 19 Sample Multiplier: 1

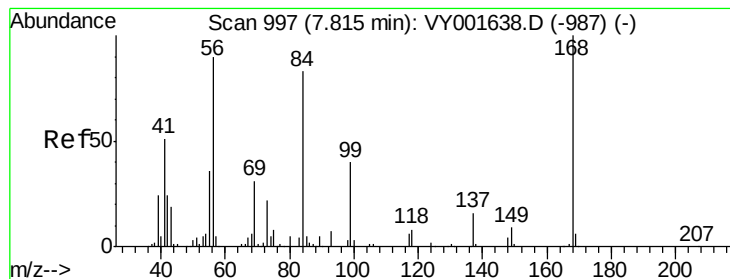
Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

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Quant Time: Feb 20 06:24:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001706.D

Acq: 19 Feb 2020 17:58

Instrument :

MSVOA_Y

ClientSampleId :

SB5-4.5-5.0

Tot Ion:168 Resp: 196881

Ion Ratio Lower Upper

168 100

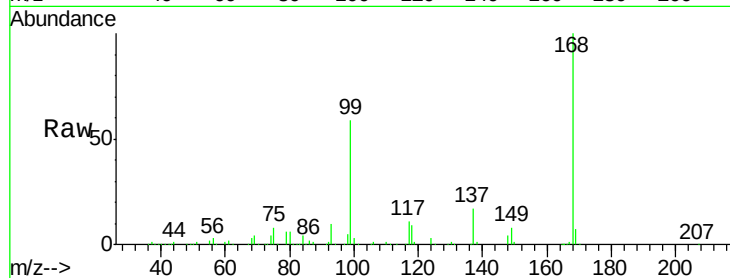
99 59.0 47.5 71.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001706.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001706.D (-948) (-)

7.82

100000

80000

60000

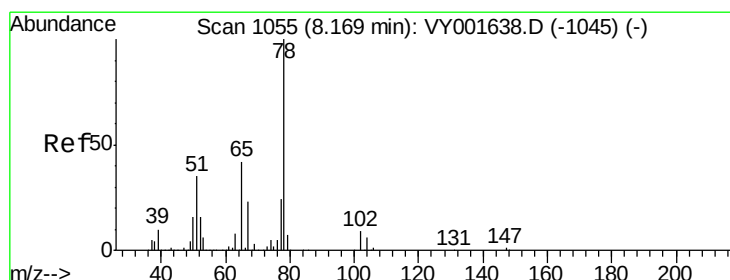
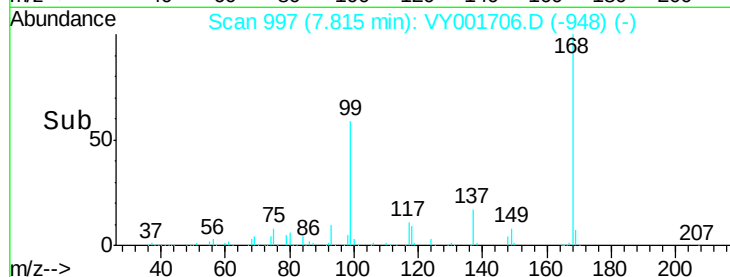
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.592 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001706.D

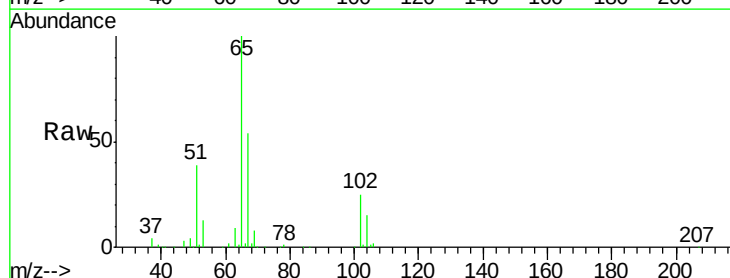
Acq: 19 Feb 2020 17:58

Tgt Ion: 65 Resp: 115612

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001706.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001706.D (-1006) (-)

8.16

60000

50000

40000

30000

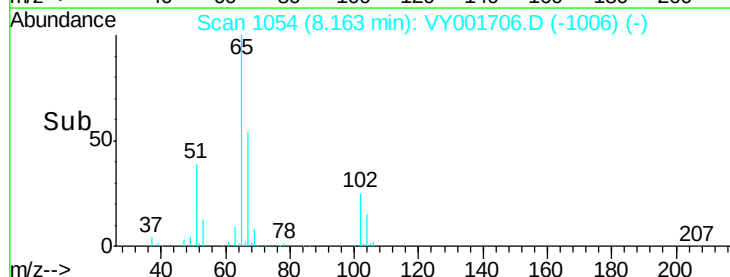
20000

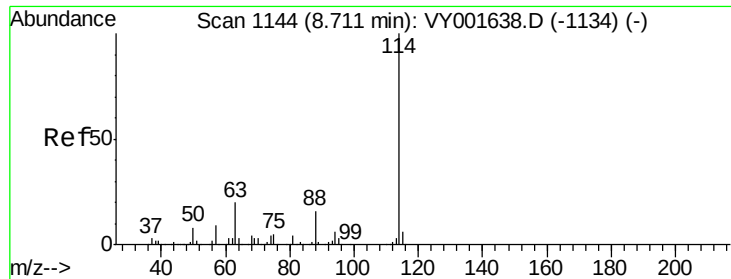
10000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001706.D

Acq: 19 Feb 2020 17:58

Instrument :

MSVOA_Y

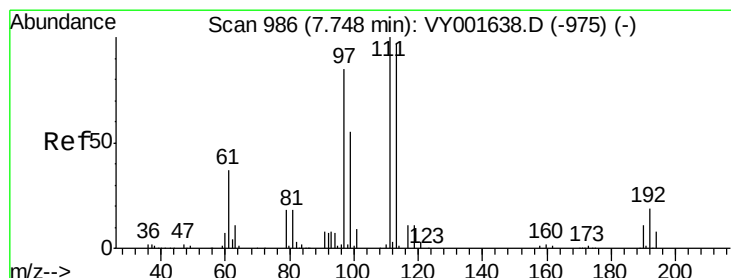
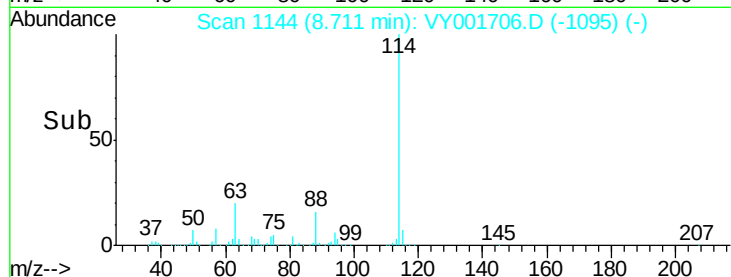
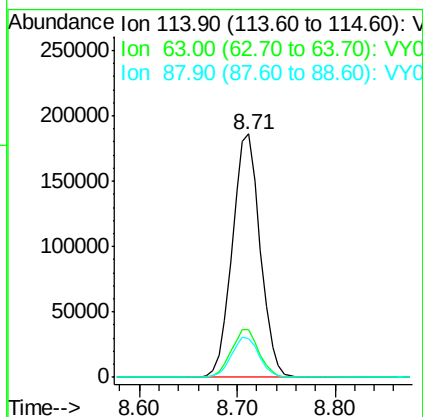
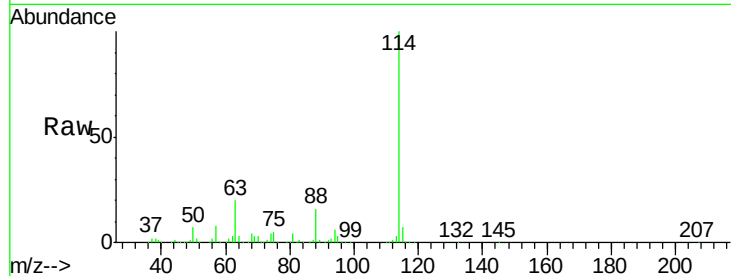
ClientSampleId :

SB5-4.5-5.0

Tot Ion	Ratio	Resp	Lower	Upper
114	100	366751		
63	19.7		0.0	41.4
88	15.8		0.0	32.8

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#35

Dibromofluoromethane

Concen: 51.111 ug/l

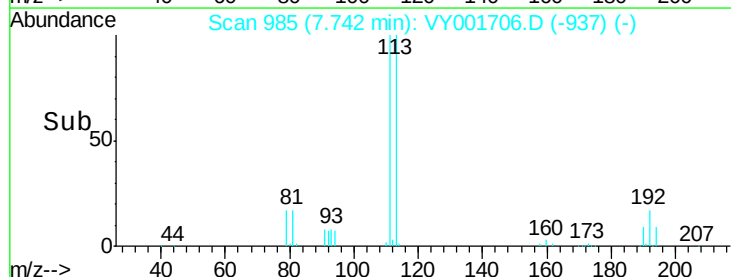
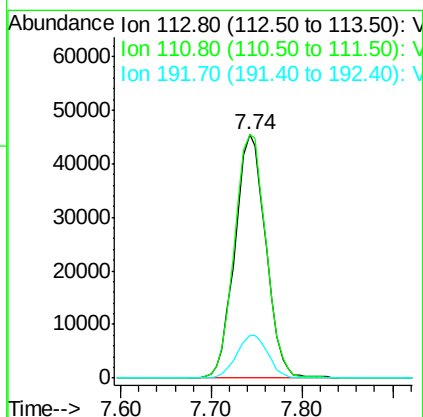
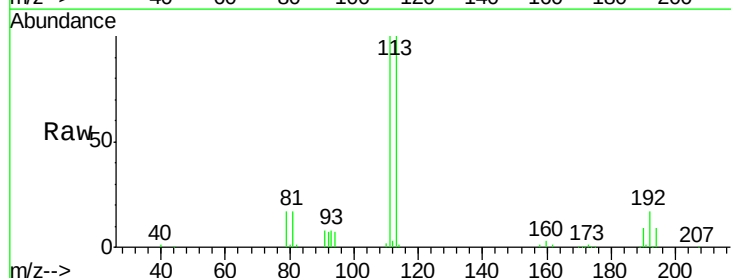
RT: 7.74 min Scan# 985

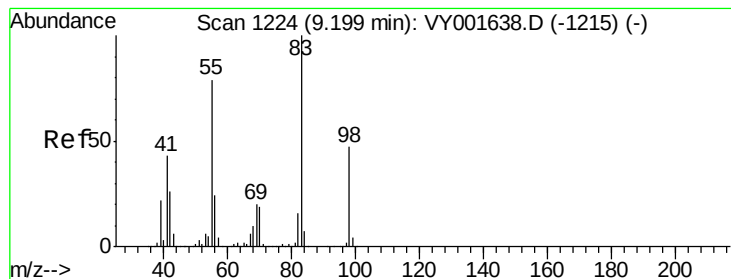
Delta R.T. -0.01 min

Lab File: VY001706.D

Acq: 19 Feb 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	107363		
111	102.3		81.9	122.9
192	17.9		14.3	21.5





#39

Methylvlcyclohexane

Concen: 2.304 ug/l

RT: 9.20 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VY001706.D

Acq: 19 Feb 2020 17:58

Instrument :

MSVOA_Y

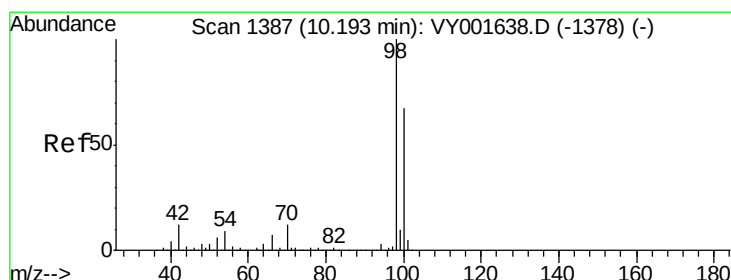
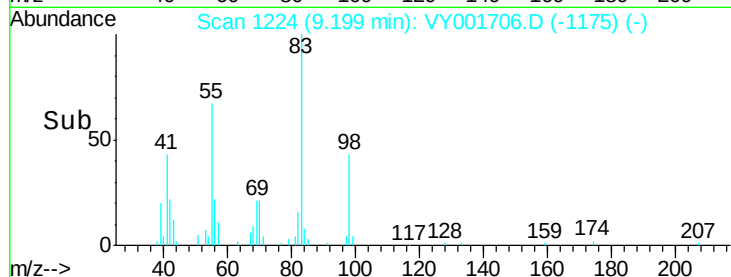
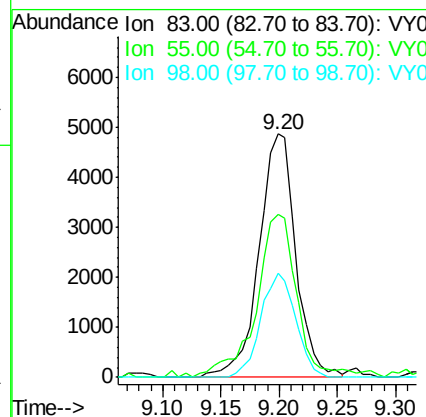
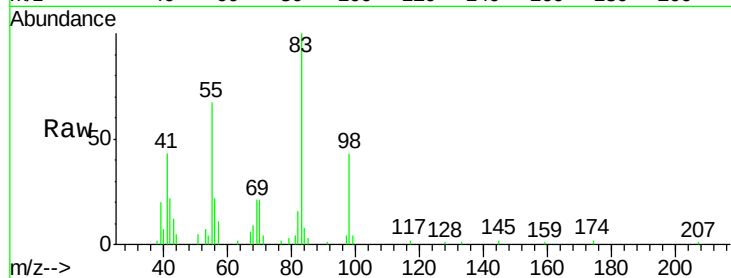
ClientSampleId :

SB5-4.5-5.0

Tot Ion:	83	Resp:	10709
Ion	Ratio	Lower	Upper
83	100		
55	67.1	61.3	91.9
98	42.9	38.0	57.0

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#50

Toluene-d8

Concen: 53.547 ug/l

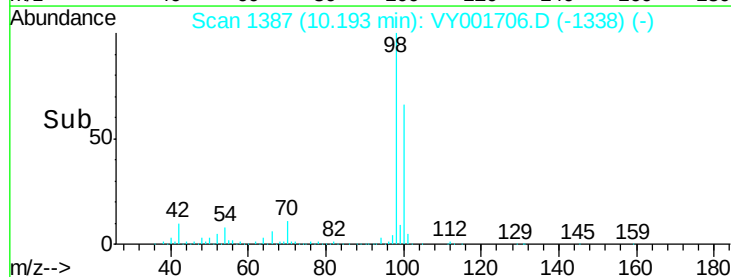
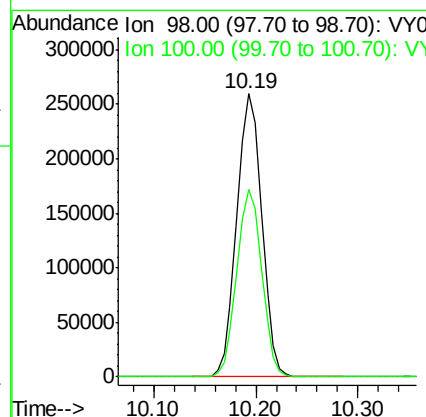
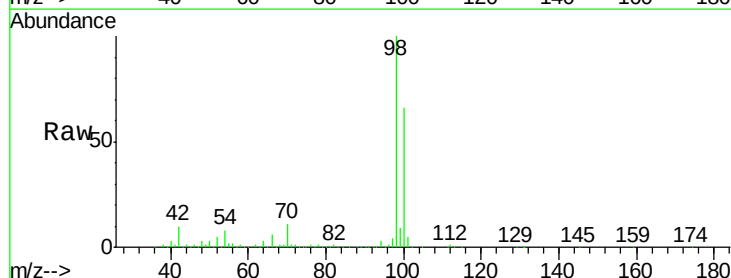
RT: 10.19 min Scan# 1387

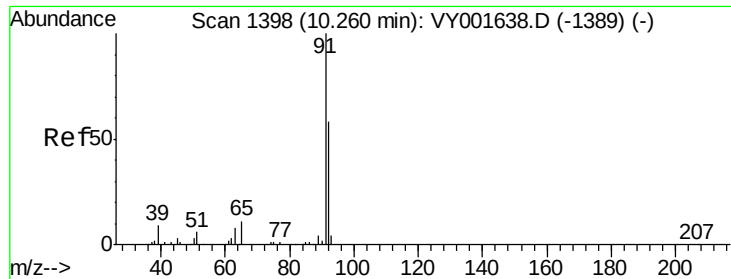
Delta R.T. 0.00 min

Lab File: VY001706.D

Acq: 19 Feb 2020 17:58

Tgt Ion:	98	Resp:	440667
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4





#52

Toluene

Concen: 4.930 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001706.D

Acq: 19 Feb 2020 17:58

Instrument :

MSVOA_Y

ClientSampleId :

SB5-4.5-5.0

Tot Ion: 92 Resp: 31685

Ion Ratio Lower Upper

92 100

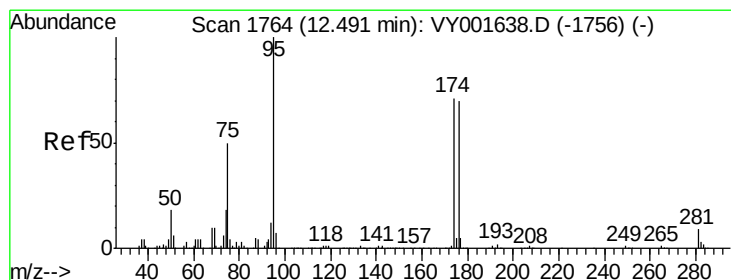
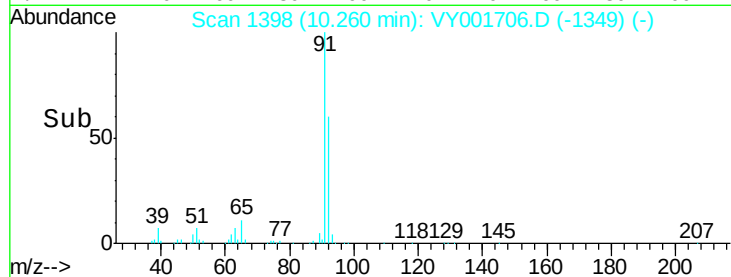
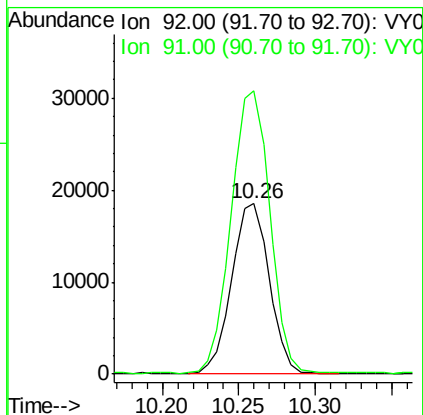
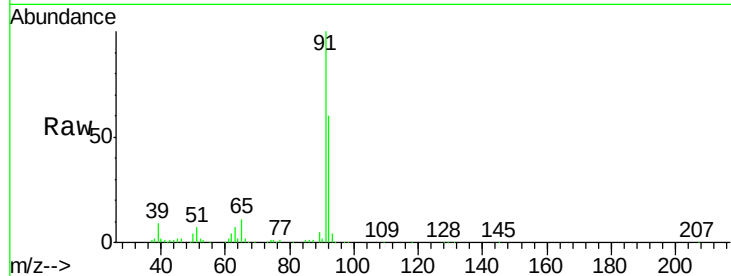
91 170.2 137.0 205.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.468 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001706.D

Acq: 19 Feb 2020 17:58

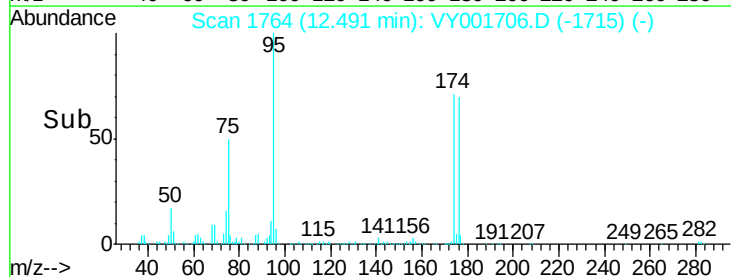
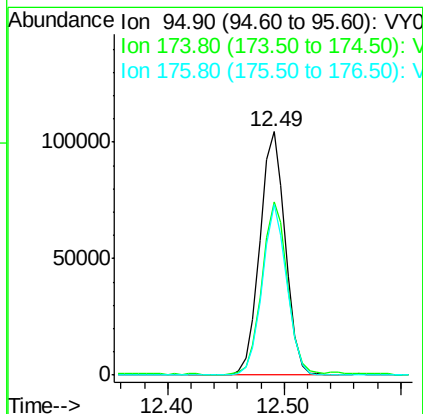
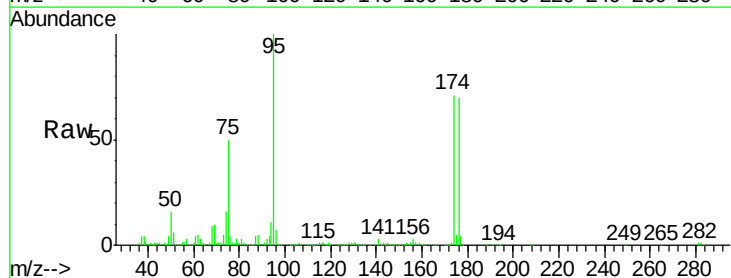
Tgt Ion: 95 Resp: 158154

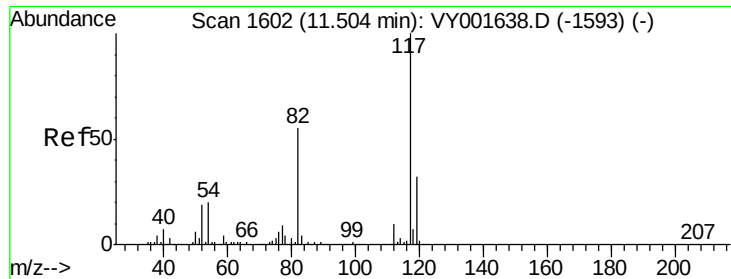
Ion Ratio Lower Upper

95 100

174 73.2 0.0 138.4

176 68.0 0.0 131.8





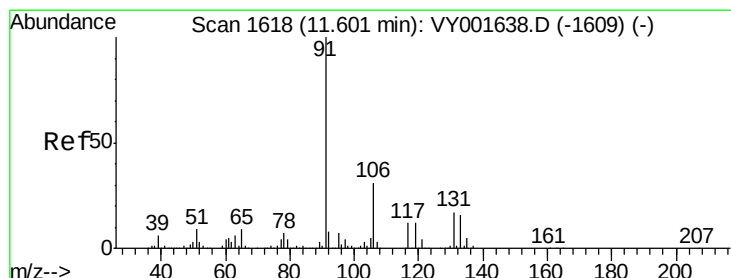
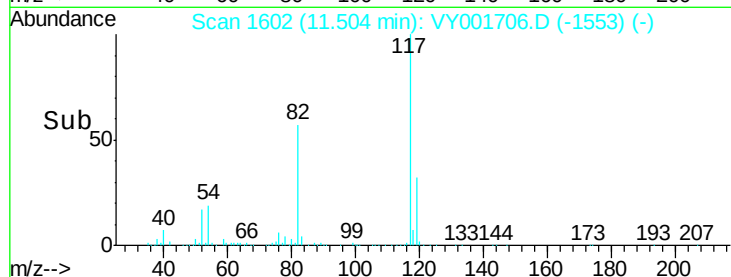
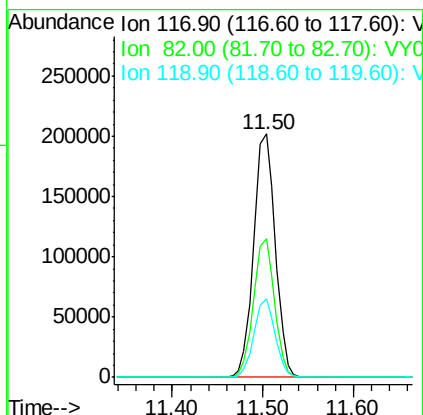
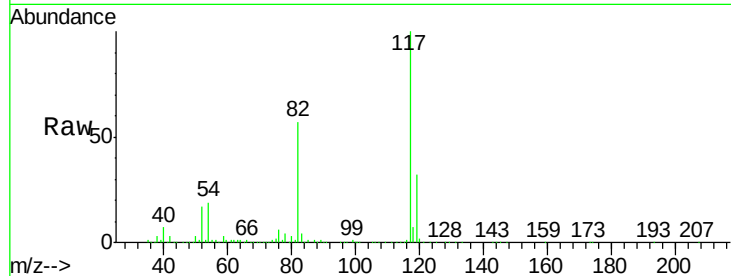
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.5	68.3
119	32.2	25.8	38.6

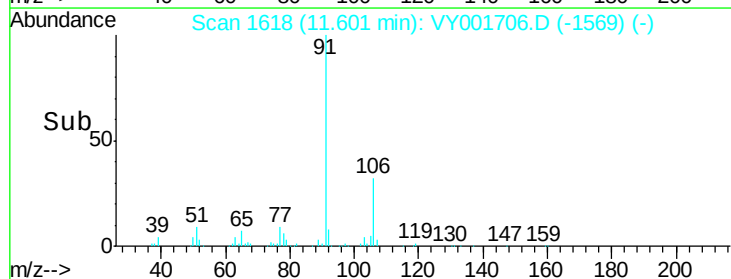
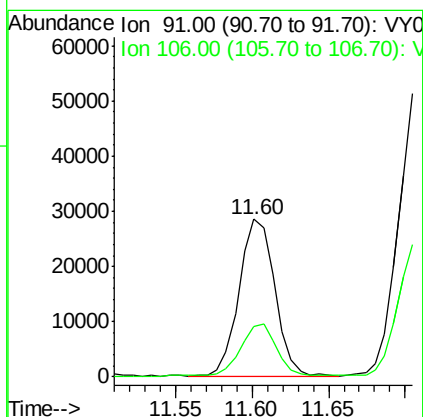
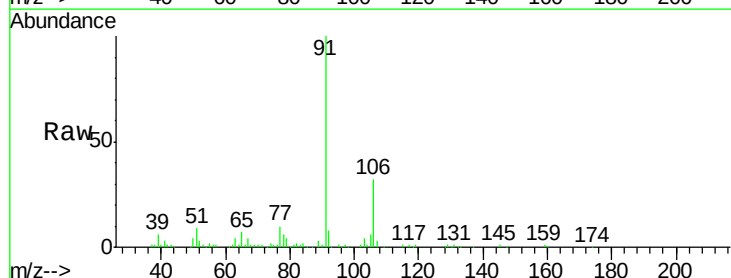
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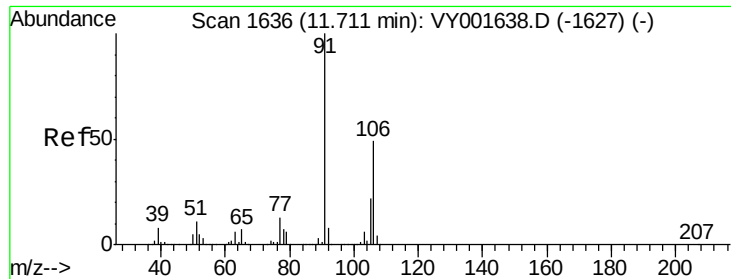
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#67
Ethyl Benzene
Concen: 3.702 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.5	36.7





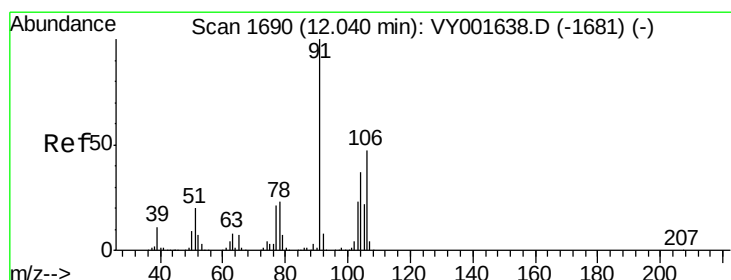
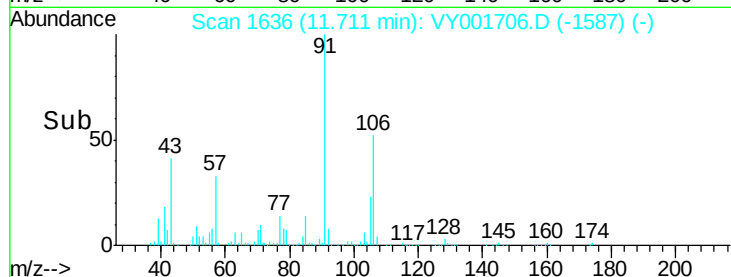
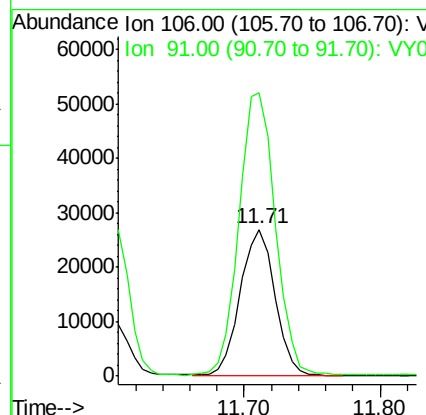
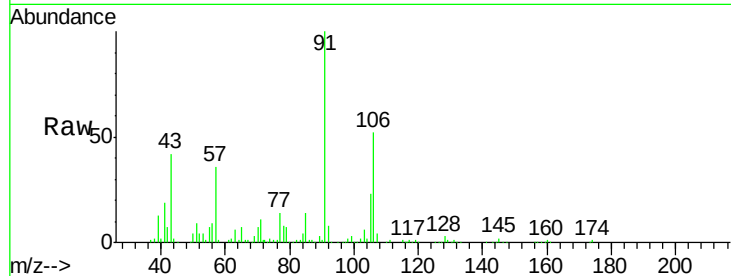
#68
m/p-Xylenes
Concen: 10.497 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

Tot Ion:106 Resp: 48680
Ion Ratio Lower Upper
106 100
91 198.6 163.3 244.9

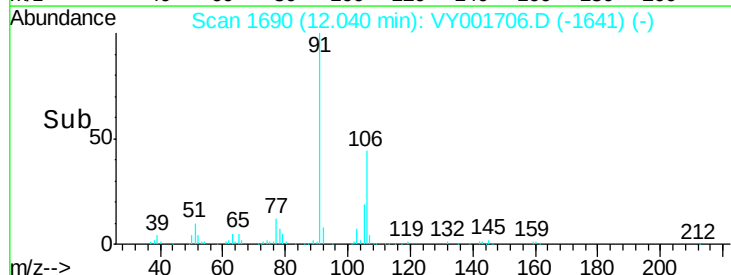
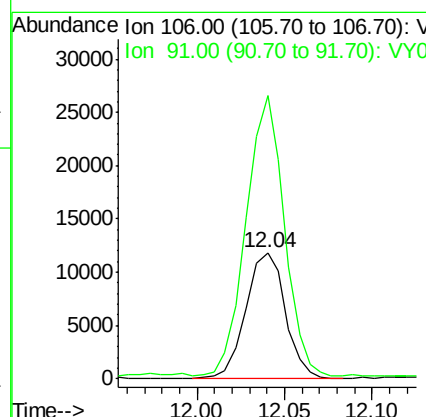
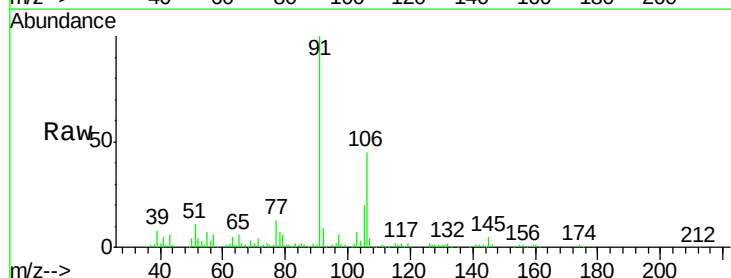
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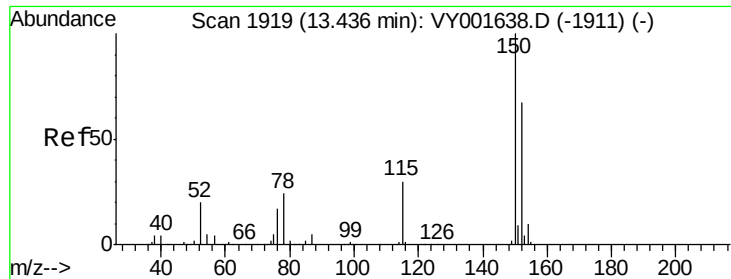
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#69
o-Xylene
Concen: 4.237 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Tgt Ion:106 Resp: 18683
Ion Ratio Lower Upper
106 100
91 212.2 108.3 324.9





#72

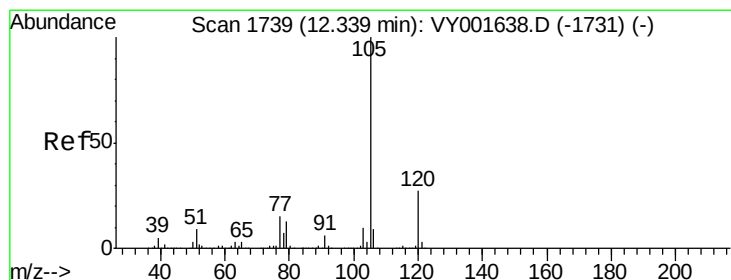
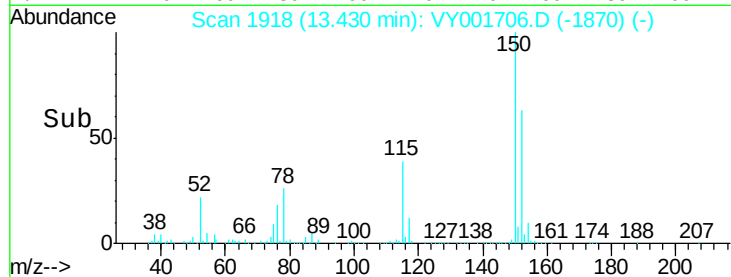
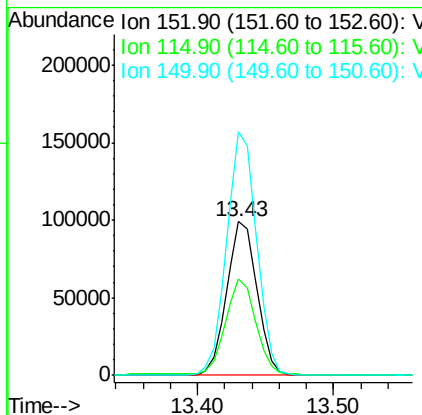
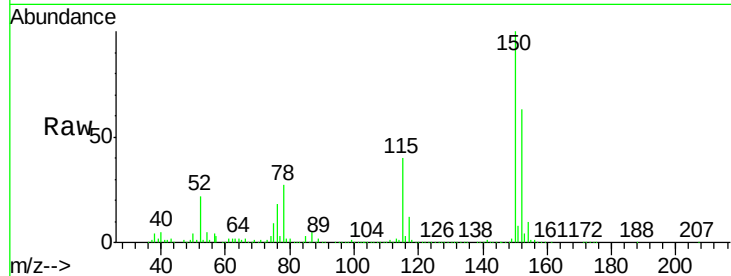
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

Tot Ion	Ratio	Resp	Lower	Upper
152	100	152836		
115	62.5	31.4	94.2	
150	157.3	0.0	407.2	

Manual Integrations
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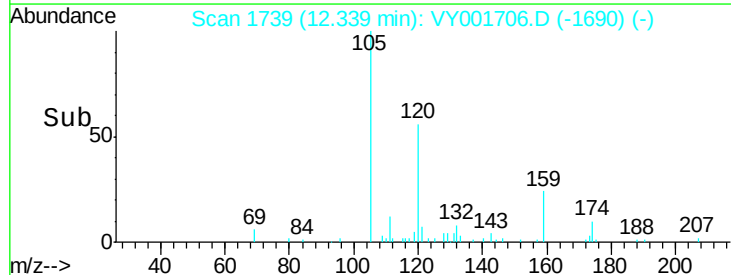
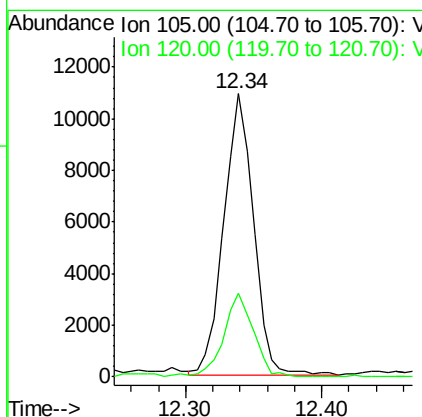
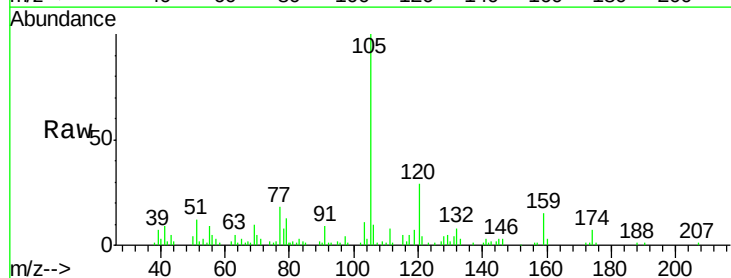
MMDadoda
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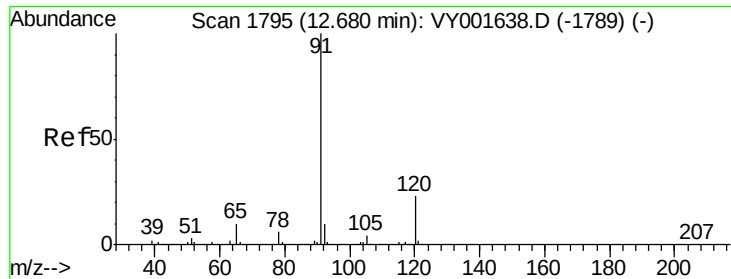


#73

Isopropylbenzene
Concen: 1.436 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	16715		
120	29.9	13.4	40.1	





#78

n-propylbenzene

Concen: 2.545 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001706.D

Acq: 19 Feb 2020 17:58

Instrument :

MSVOA_Y

ClientSampleId :

SB5-4.5-5.0

Tot Ion: 91 Resp: 36090

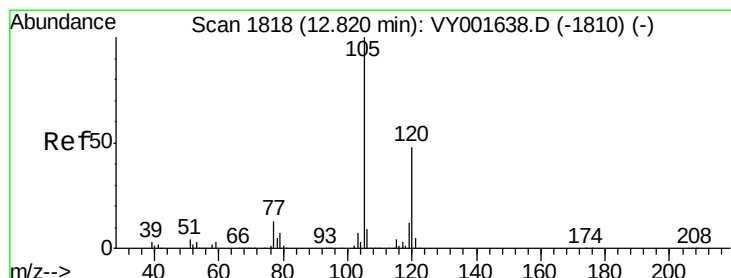
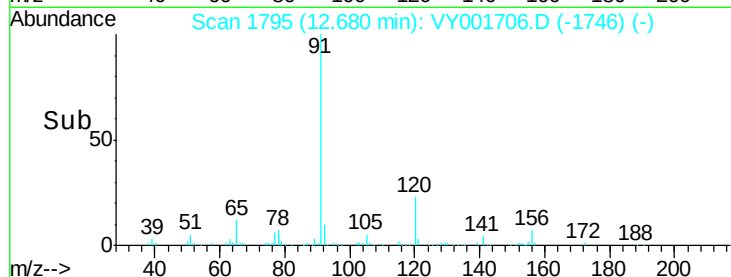
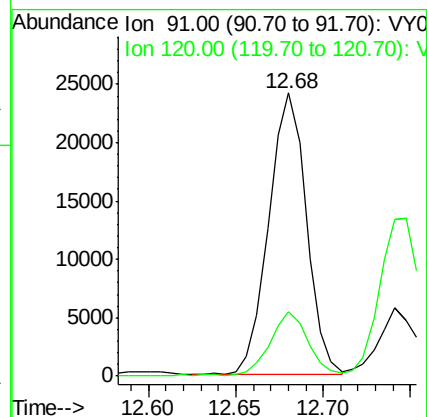
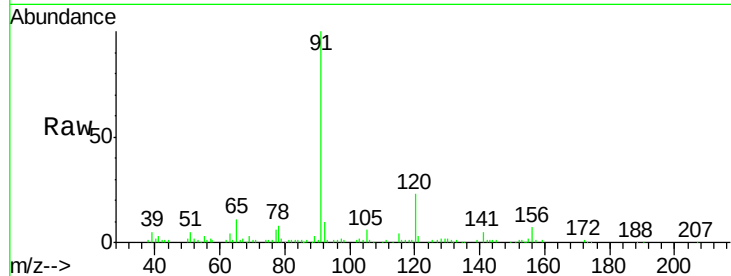
Ion Ratio Lower Upper

91 100

120 23.6 11.1 33.1

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#80

1,3,5-Trimethylbenzene

Concen: 1.527 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001706.D

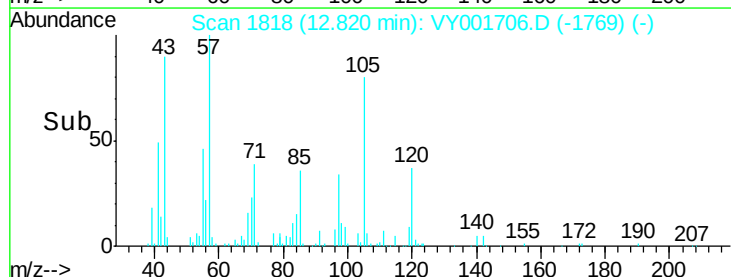
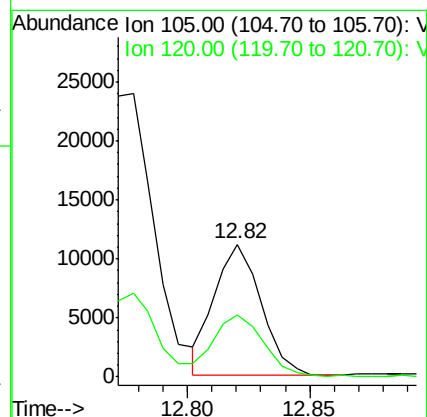
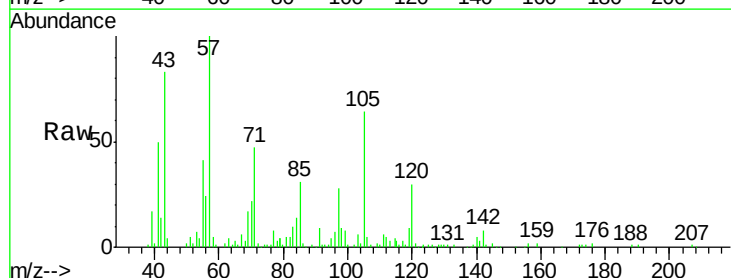
Acq: 19 Feb 2020 17:58

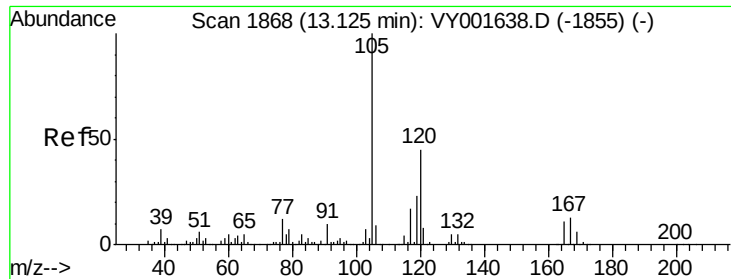
Tgt Ion: 105 Resp: 14720

Ion Ratio Lower Upper

105 100

120 50.5 24.3 72.9





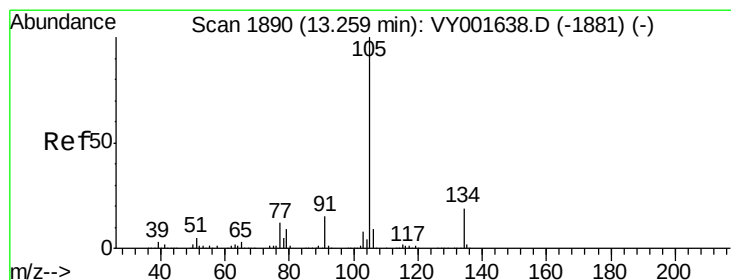
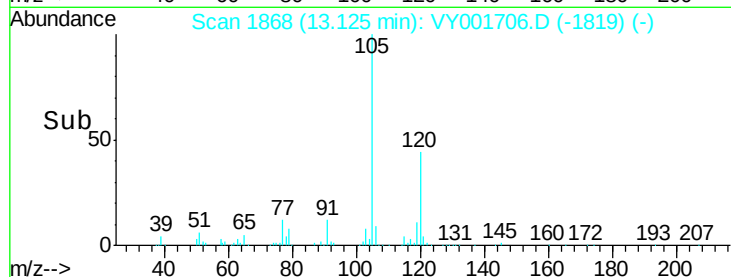
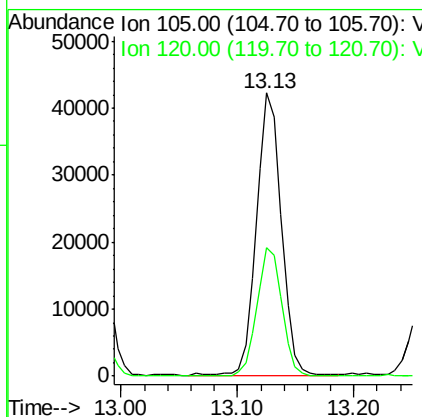
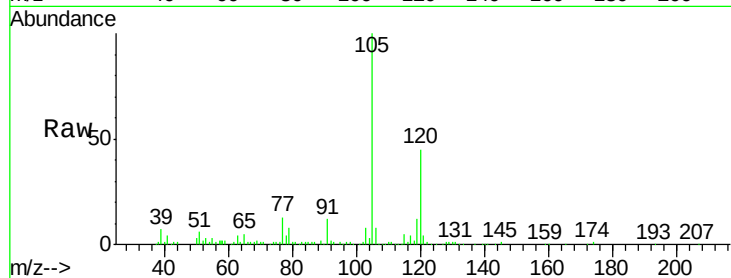
#84
1,2,4-Trimethylbenzene
Concen: 6.574 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

Tot Ion:105 Resp: 63170
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3

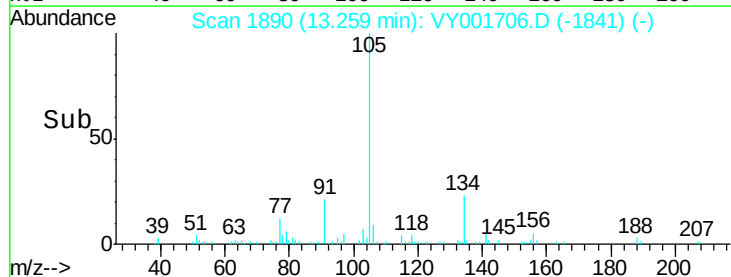
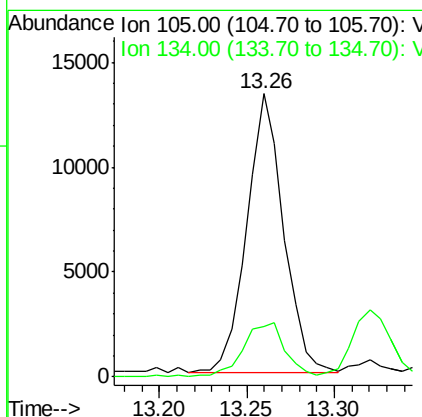
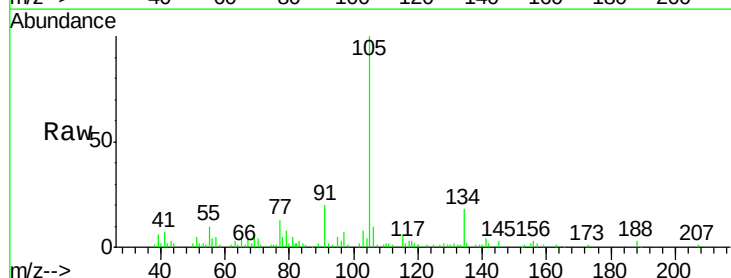
Manual Integrations
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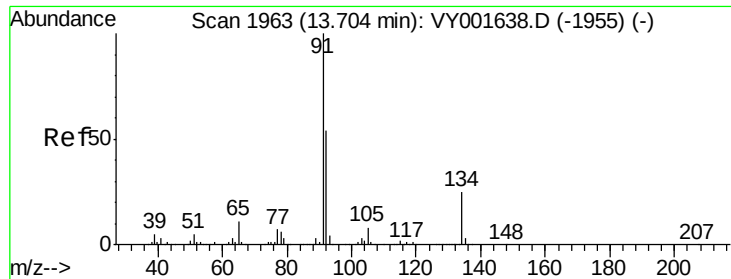
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#85
sec-Butylbenzene
Concen: 1.628 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Tgt Ion:105 Resp: 19296
Ion Ratio Lower Upper
105 100
134 22.4 9.8 29.3





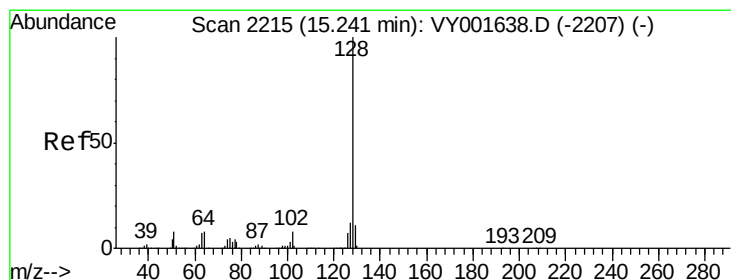
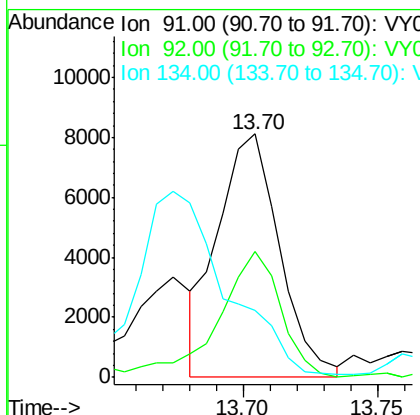
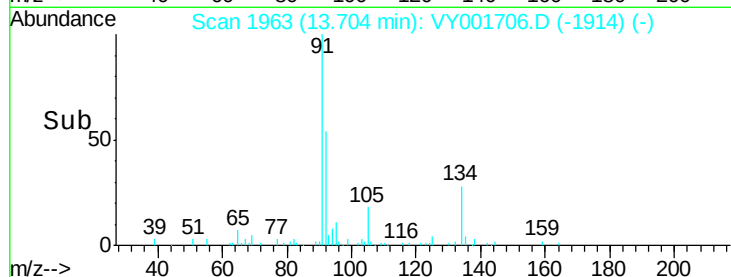
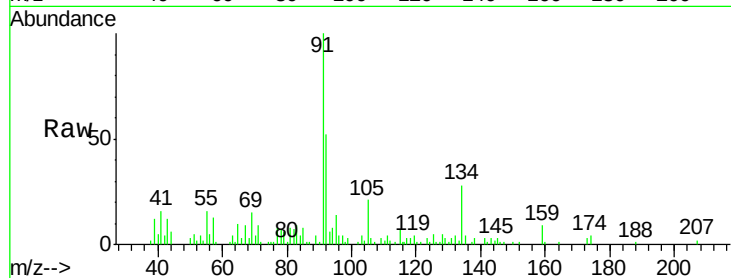
#89
n-Butylbenzene
Concen: 1.229 ug/l m
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.5	82.4
134	0.0	12.4	37.4#

Manual Integrations
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2/20/2020 5:56:22 PM



#95
Naphthalene
Concen: 1.781 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001706.D
Acq: 19 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
128	100		
127	23.3	9.9	14.9#
129	19.9	8.6	13.0#

