

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002644.D
 Acq On : 08 May 2020 15:44
 Operator : SY/MD
 Sample : L2557-01
 Misc : 6.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-(4-5)

Manual Integrations
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 5/11/2020 1:00:54 PM

Quant Time: May 11 02:29:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	350836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	542868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	458688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	193200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	149351	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
35) Dibromofluoromethane	7.74	113	160037	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	10.19	98	624644	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.49	95	181835	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
16) Acetone	3.97	43	44972	73.871	ug/l	99
25) 2-Butanone	7.01	43	15485	15.538	ug/l	94
40) Benzene	8.18	78	215230	16.375	ug/l	99
52) Toluene	10.25	92	9138	1.082	ug/l	95
67) Ethyl Benzene	11.60	91	35532	2.320	ug/l	100
68) m/p-Xylenes	11.72	106	45883	7.742	ug/l	97
80) 1,3,5-Trimethylbenzene	12.82	105	10865	1.047	ug/l	95
95) Naphthalene	15.24	128	12770m	1.825	ug/l	

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

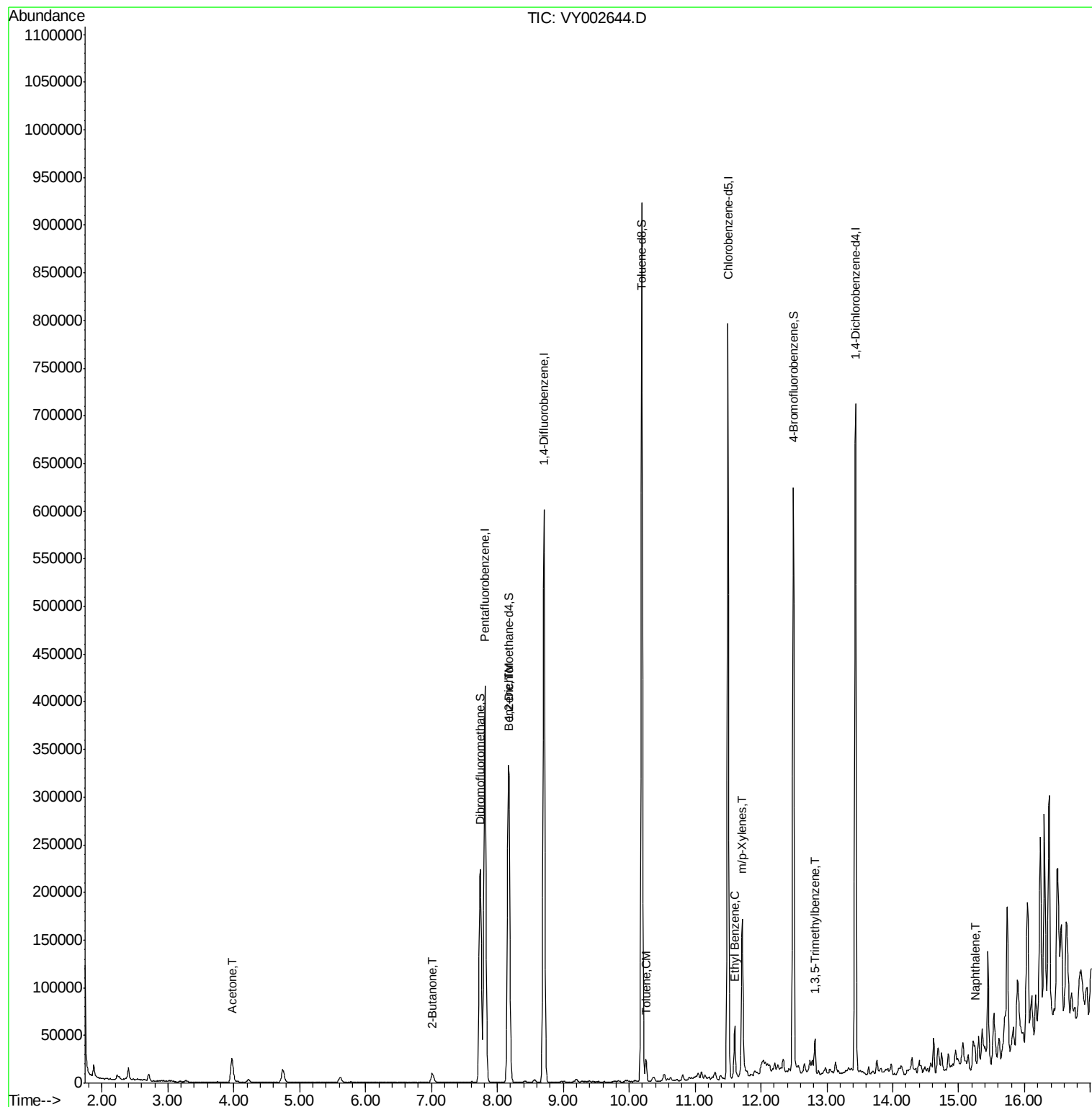
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002644.D
Acq On : 08 May 2020 15:44
Operator : SY/MD
Sample : L2557-01
Misc : 6.18G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

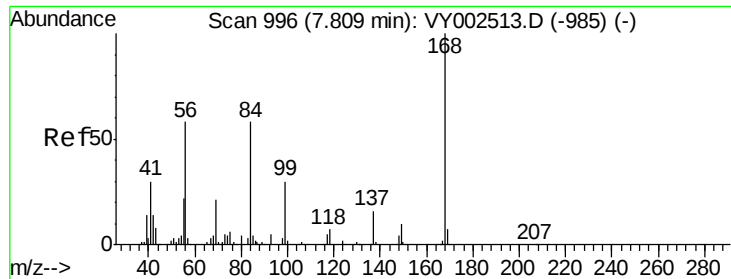
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Manual Integrations
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Quant Time: May 11 02:29:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

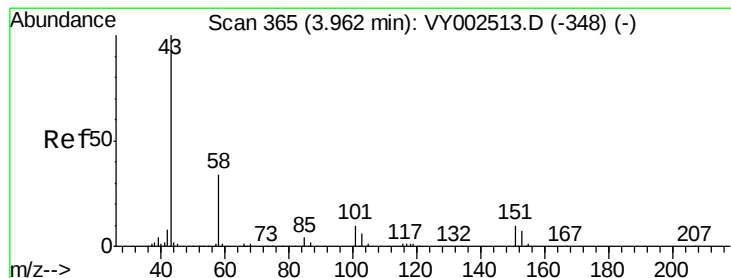
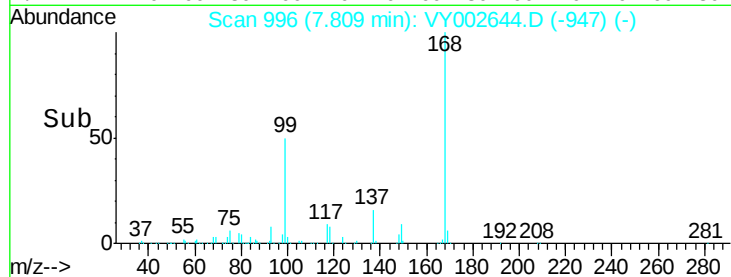
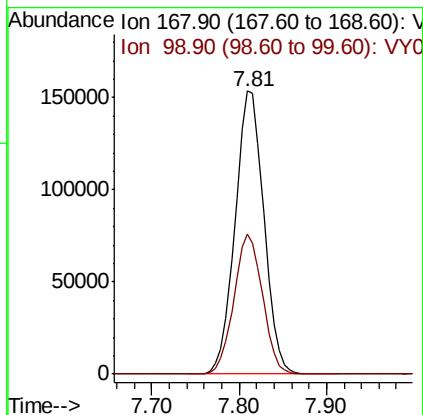
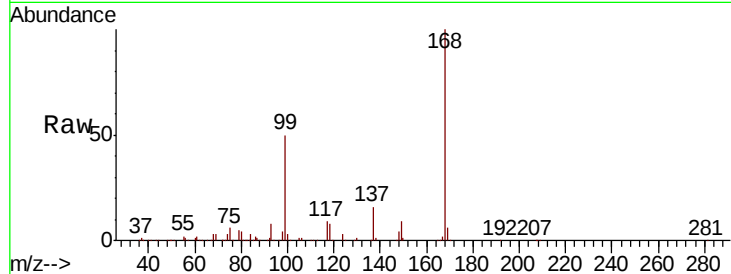
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VY002644.D
 Acq: 08 May 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-(4-5)

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.2	58.8

Manual Integrations
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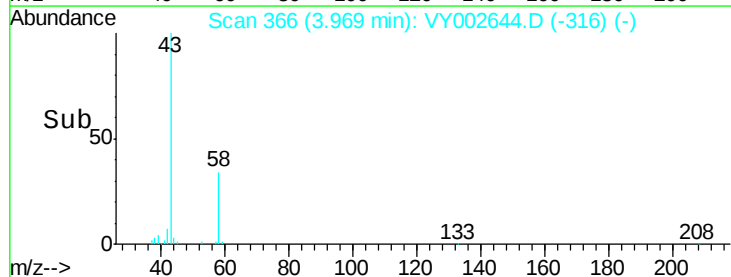
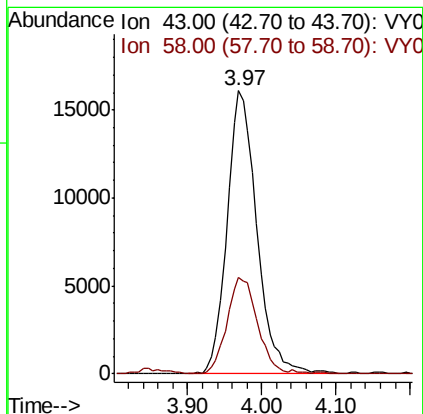
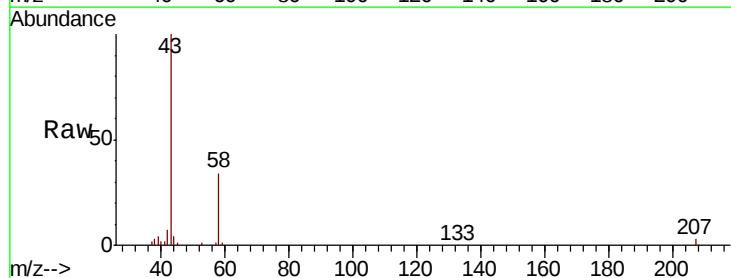
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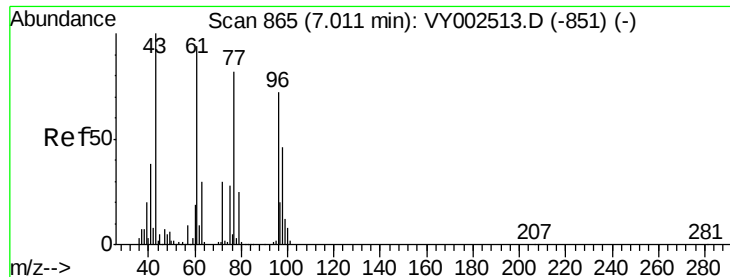


#16

Acetone
 Concen: 73.871 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VY002644.D
 Acq: 08 May 2020 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.1	26.9	40.3





#25

2-Butanone

Concen: 15.538 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002644.D

Acq: 08 May 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-(4-5)

Tot Ion: 43 Resp: 15485

Ion Ratio Lower Upper

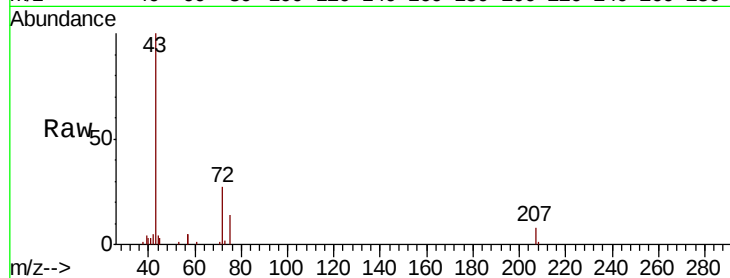
43 100

72 27.1 24.1 36.1

Manual Integrations
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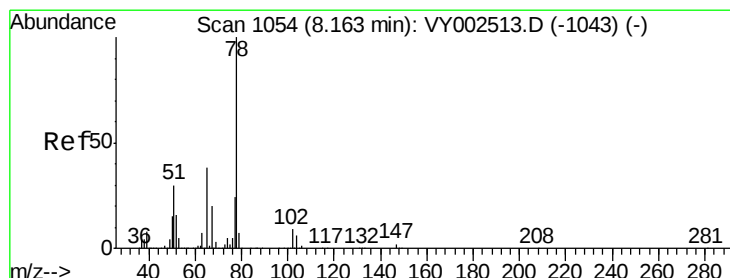
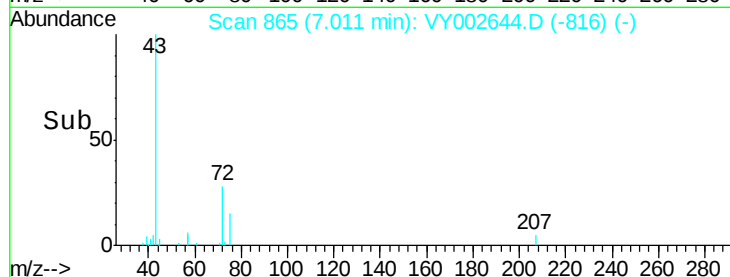
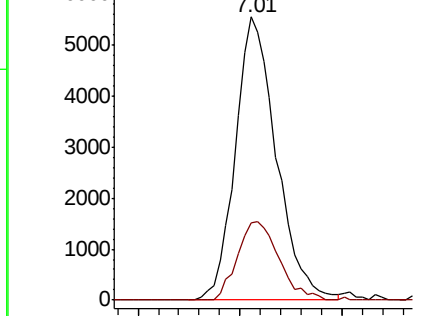
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 50.629 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002644.D

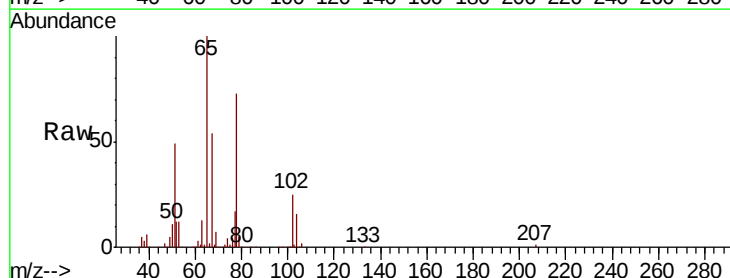
Acq: 08 May 2020 15:44

Tgt Ion: 65 Resp: 149351

Ion Ratio Lower Upper

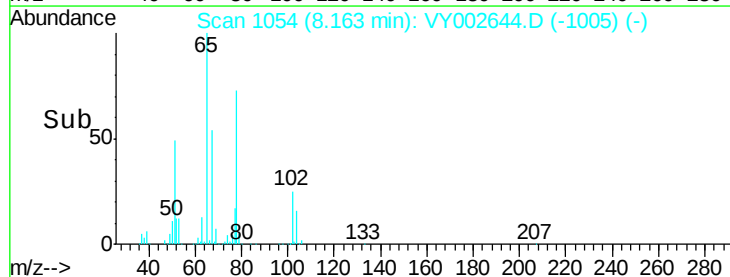
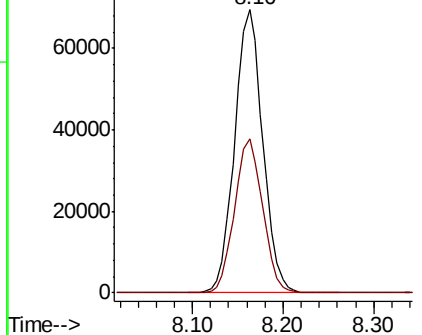
65 100

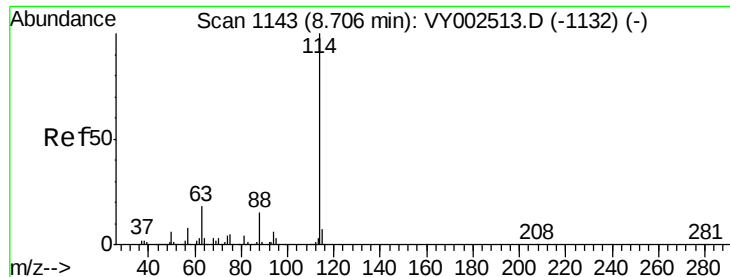
67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





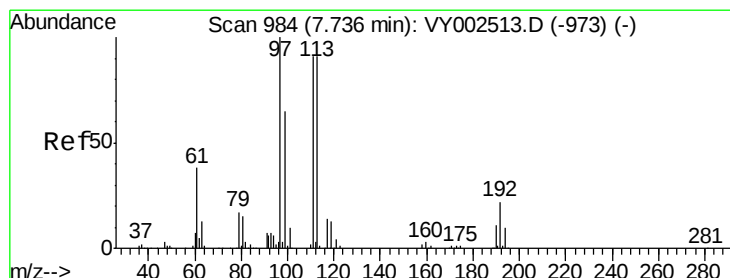
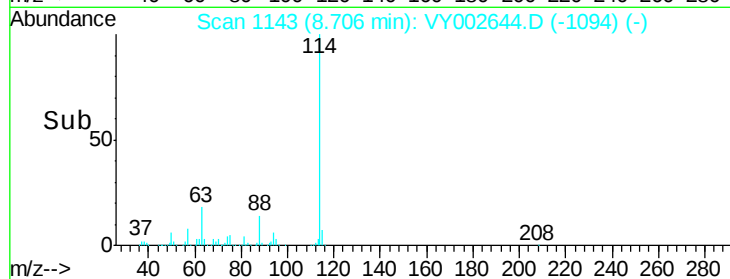
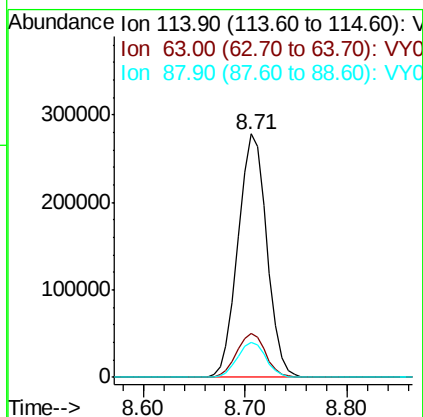
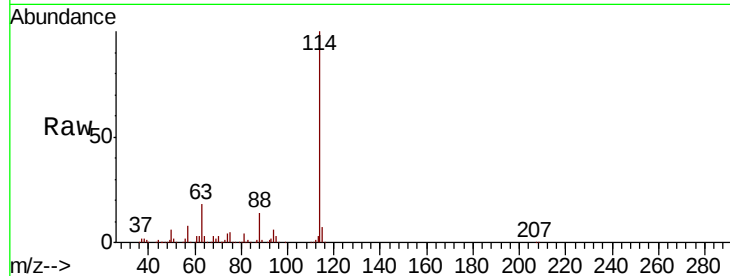
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002644.D
 Acq: 08 May 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-(4-5)

Tot Ion:	114	Resp:	542868
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	36.4
88	14.2	0.0	29.6

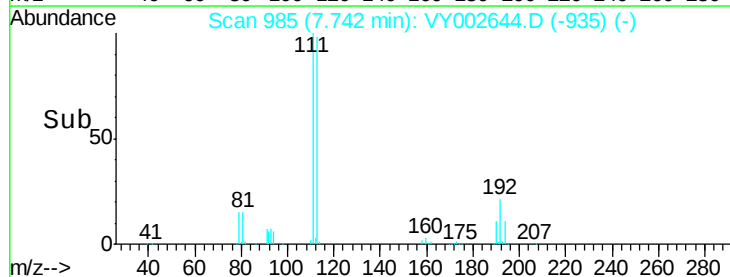
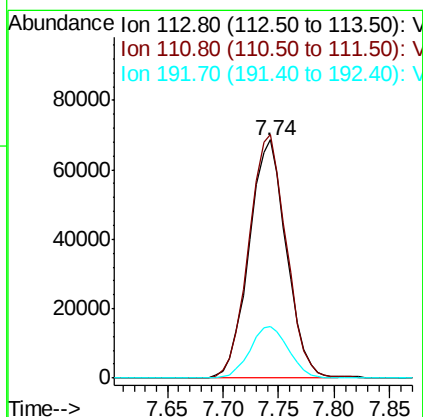
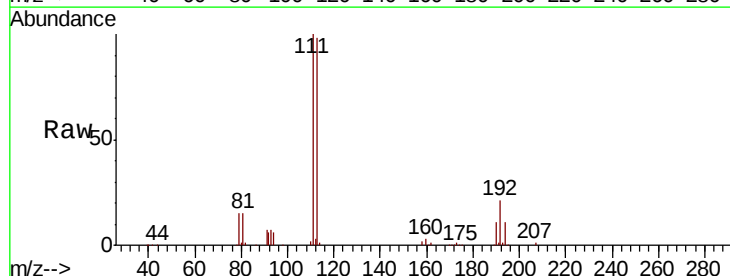
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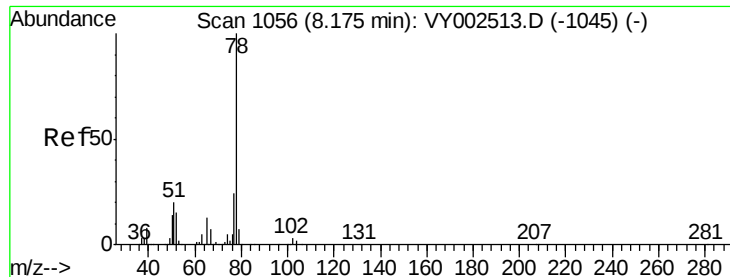
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#35
 Dibromofluoromethane
 Concen: 51.547 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002644.D
 Acq: 08 May 2020 15:44

Tgt Ion:	113	Resp:	160037
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.8	122.6
192	22.5	18.2	27.4





#40

Benzene

Concen: 16.375 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY002644.D

Acq: 08 May 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-(4-5)

Tot Ion: 78 Resp: 215230

Ion Ratio Lower Upper

78 100

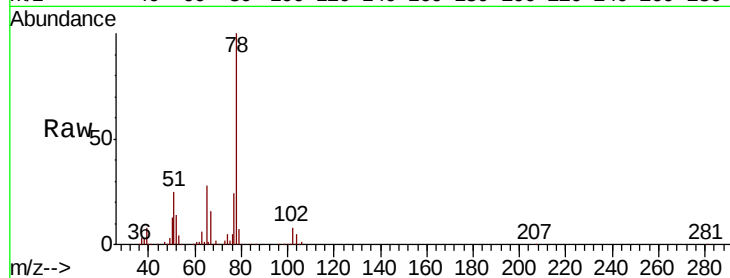
77 24.3 19.2 28.8

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

8.18

100000

80000

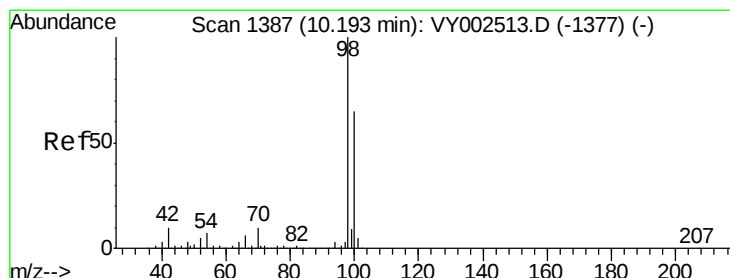
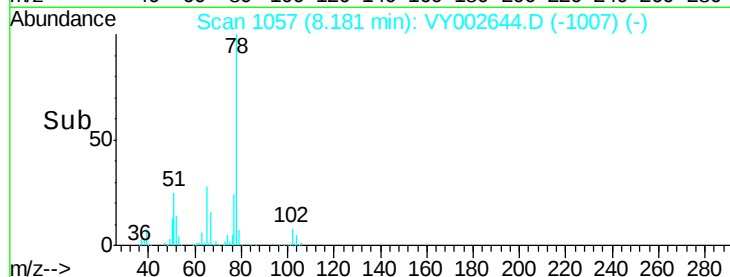
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 51.520 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002644.D

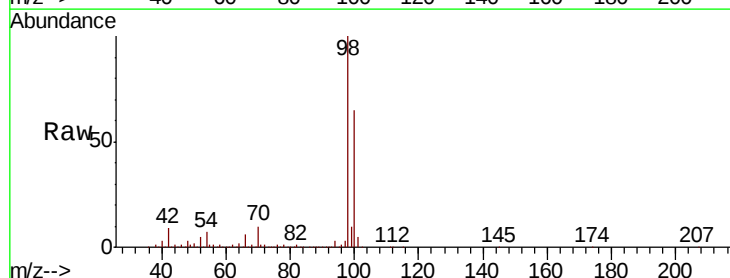
Acq: 08 May 2020 15:44

Tgt Ion: 98 Resp: 624644

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

400000

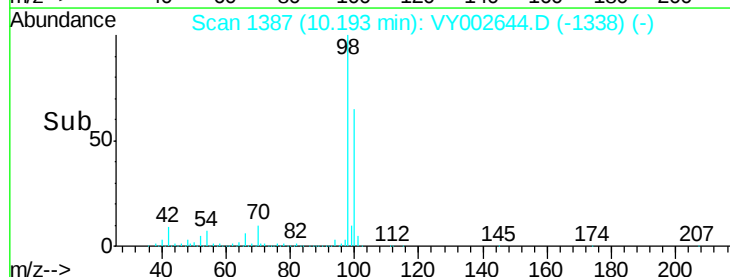
300000

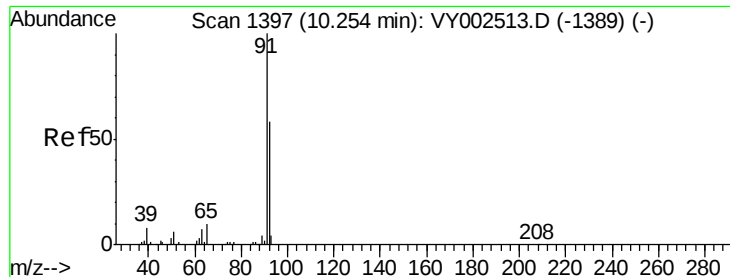
200000

100000

0

Time-->





#52

Toluene

Concen: 1.082 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002644.D

Acq: 08 May 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-(4-5)

Tot Ion: 92 Resp: 9138

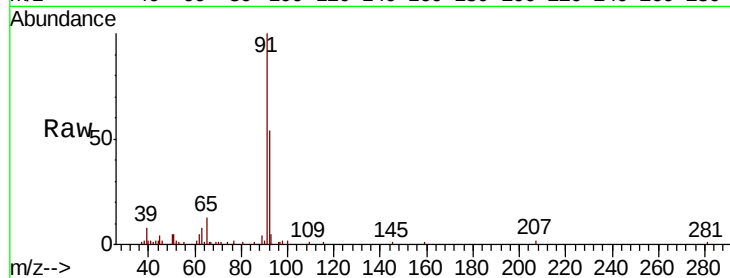
Ion Ratio Lower Upper

92 100

91 181.2 139.3 208.9

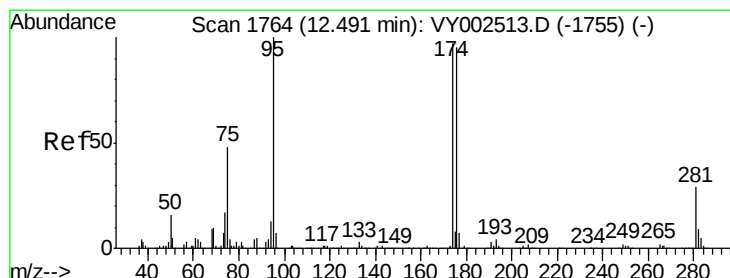
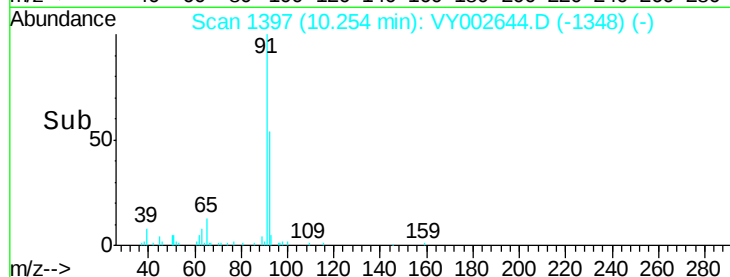
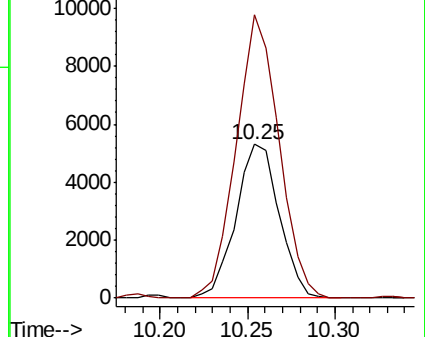
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Abundance Ion 92.00 (91.70 to 92.70): VY002644.D (-1348) (-)

Ion 91.00 (90.70 to 91.70): VY002644.D (-1348) (-)



#62

4-Bromofluorobenzene

Concen: 44.199 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002644.D

Acq: 08 May 2020 15:44

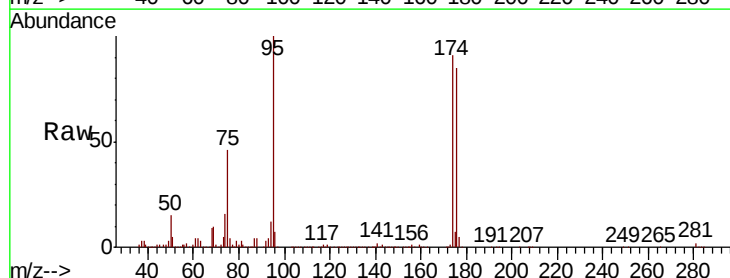
Tgt Ion: 95 Resp: 181835

Ion Ratio Lower Upper

95 100

174 93.6 0.0 188.8

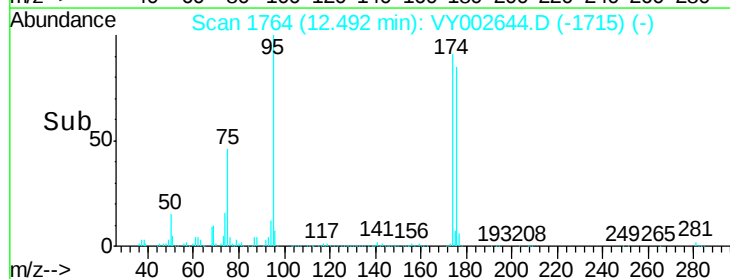
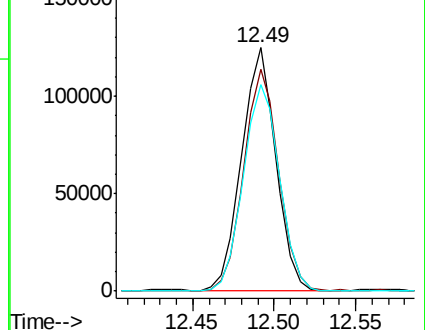
176 90.0 0.0 183.2

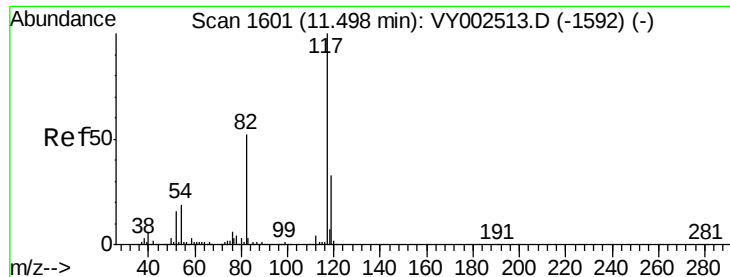


Abundance Ion 94.90 (94.60 to 95.60): VY002644.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY002644.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY002644.D (-1715) (-)





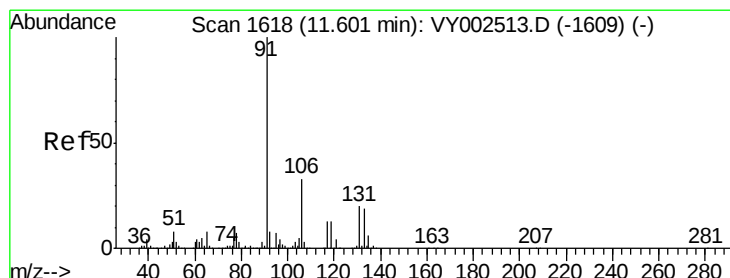
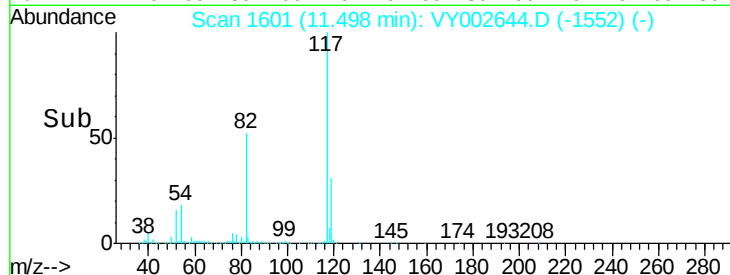
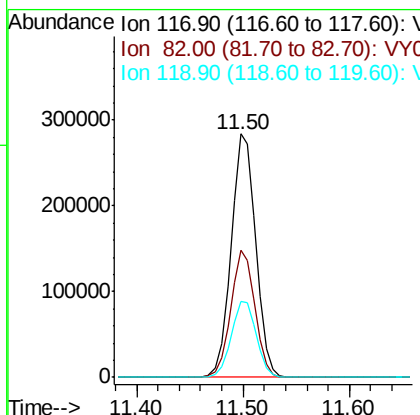
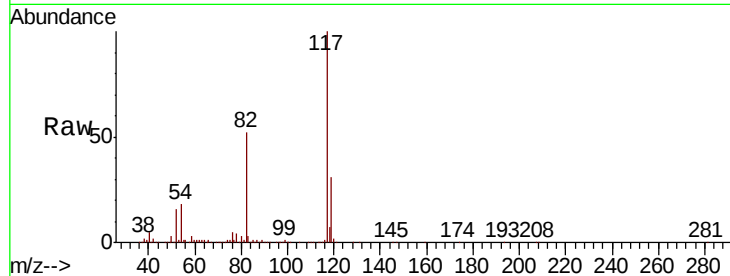
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002644.D
Acq: 08 May 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.3	61.9
119	31.3	26.0	39.0

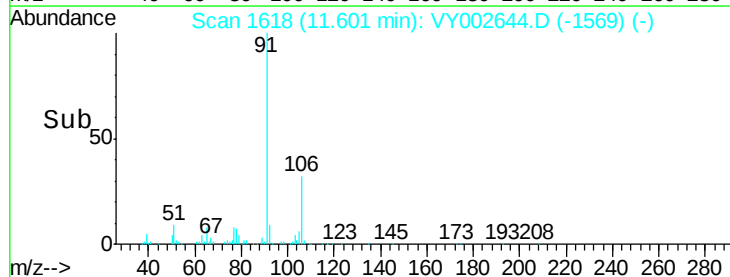
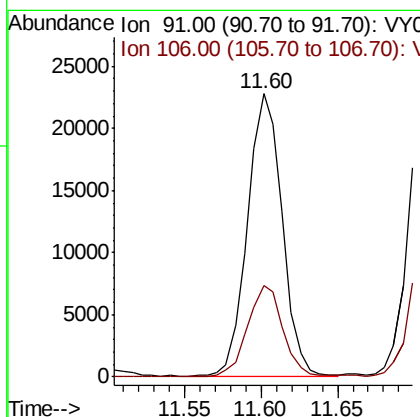
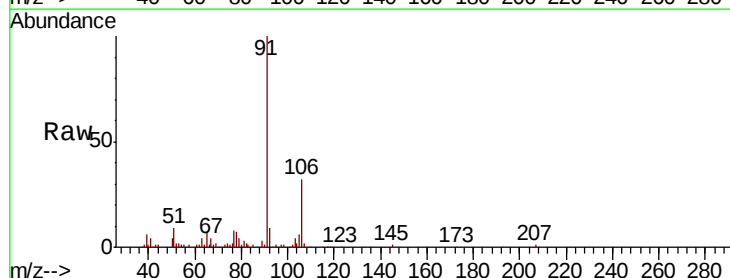
Manual Integrations
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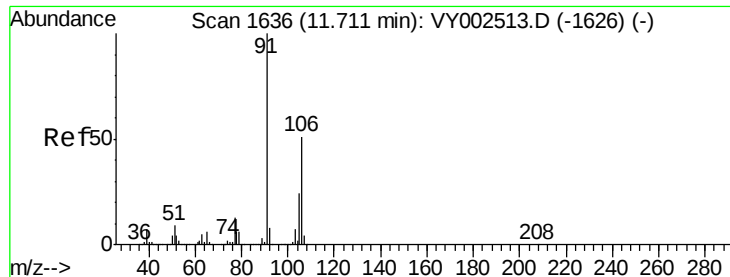
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#67
Ethyl Benzene
Concen: 2.320 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002644.D
Acq: 08 May 2020 15:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.1	39.1





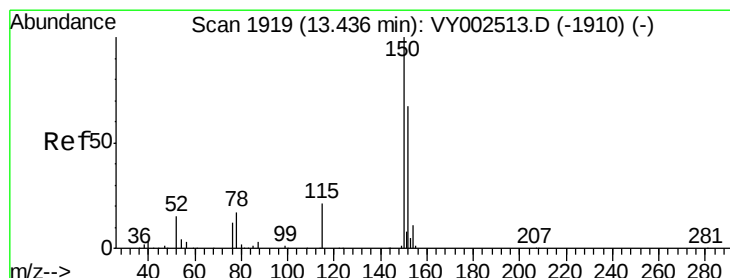
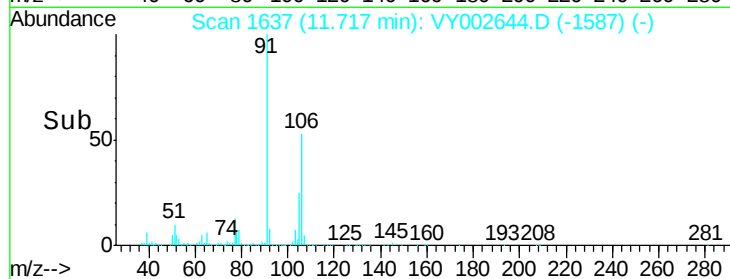
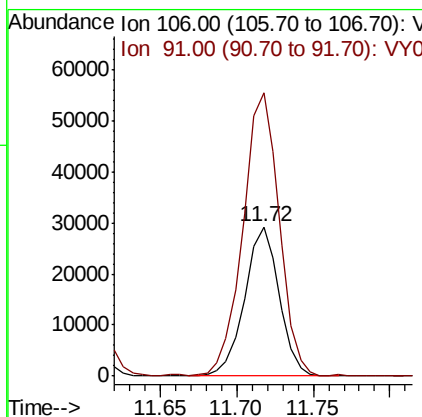
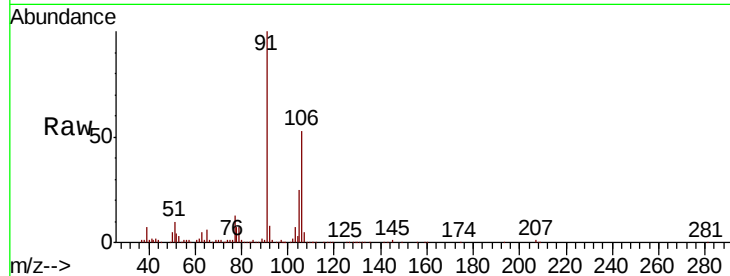
#68
m/p-Xvlenes
Concen: 7.742 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002644.D
Acq: 08 May 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Tot Ion:106 Resp: 45883
Ion Ratio Lower Upper
106 100
91 198.1 155.2 232.8

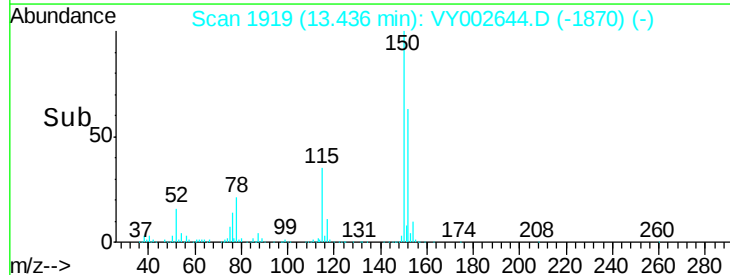
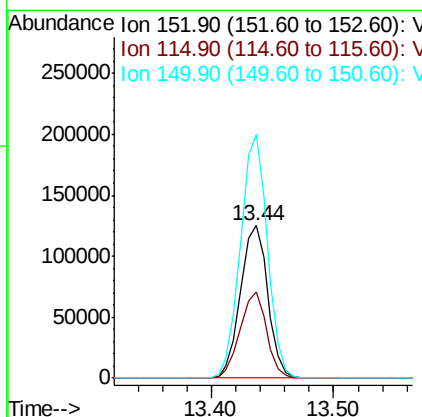
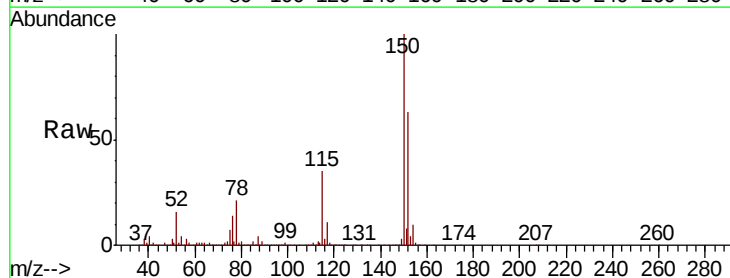
Manual Integrations
APPROVED

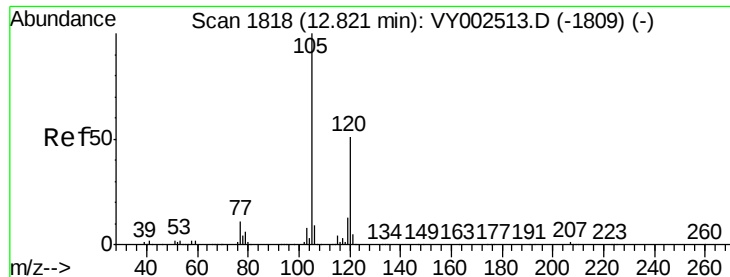
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002644.D
Acq: 08 May 2020 15:44

Tgt Ion:152 Resp: 193200
Ion Ratio Lower Upper
152 100
115 54.8 27.5 82.4
150 157.2 0.0 346.4





#80

1,3,5-Trimethylbenzene

Concen: 1.047 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002644.D

Acq: 08 May 2020 15:44

Instrument :

MSVOA_Y

ClientSampled :

TP-12-(4-5)

Tot Ion:105 Resp: 10865

Ion Ratio Lower Upper

105 100

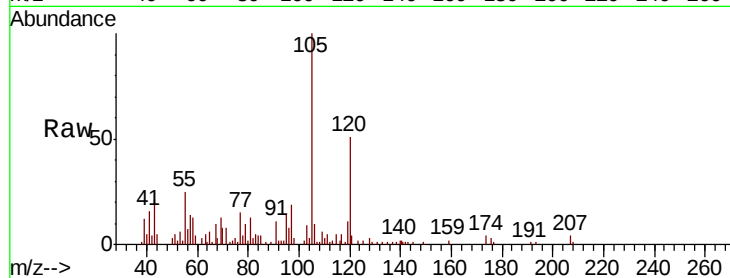
120 53.8 25.3 75.9

Manual Integrations

APPROVED

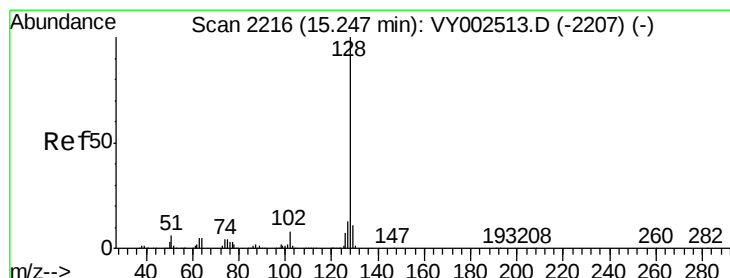
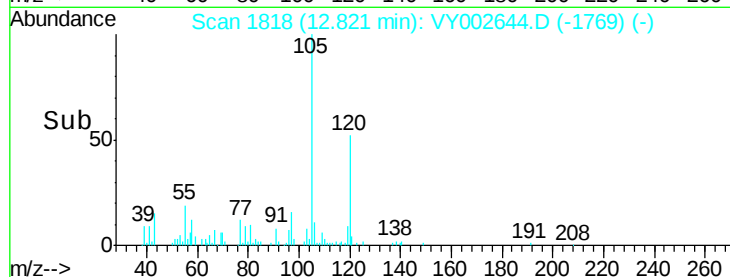
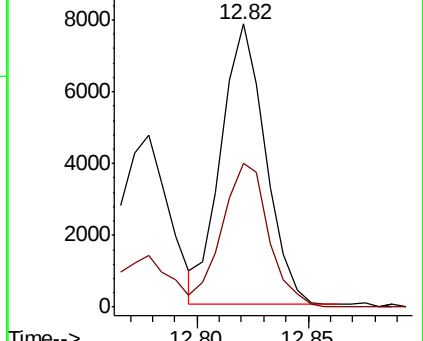
MMDadoda

5/11/2020 1:00:54 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.825 ug/l m

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002644.D

Acq: 08 May 2020 15:44

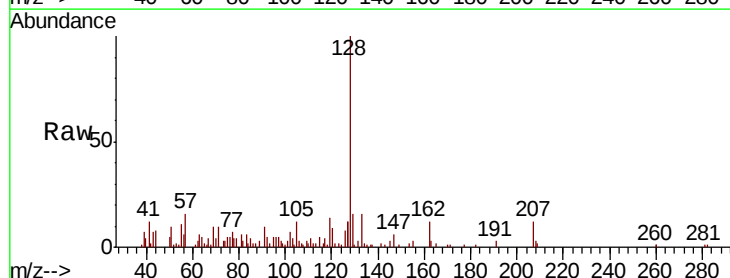
Tgt Ion:128 Resp: 12770

Ion Ratio Lower Upper

128 100

127 0.6 10.5 15.7#

129 0.6 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

