

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001477.D
 Acq On : 03 Feb 2020 16:51
 Operator : SY/MD
 Sample : L1383-05
 Misc : 8.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-B

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 11:21:54 AM

Quant Time: Feb 04 07:37:58 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	201743	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	373063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	341430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	165148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	121094	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
35) Dibromofluoromethane	7.74	113	112025	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	10.19	98	438632	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.49	95	175047	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
Target Compounds						
16) Acetone	3.98	43	8848	7.962	ug/l	95
17) Carbon Disulfide	4.22	76	8513	1.264	ug/l	96
20) Methylene Chloride	4.74	84	15706	1.700	ug/l #	89
68) m/p-Xylenes	11.70	106	11010	2.223	ug/l	99
78) n-propylbenzene	12.67	91	27966	1.783	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	20064	1.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	72725	6.659	ug/l	98
89) n-Butylbenzene	13.70	91	14712m	1.273	ug/l	
95) Naphthalene	15.24	128	158171	20.104	ug/l	99

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

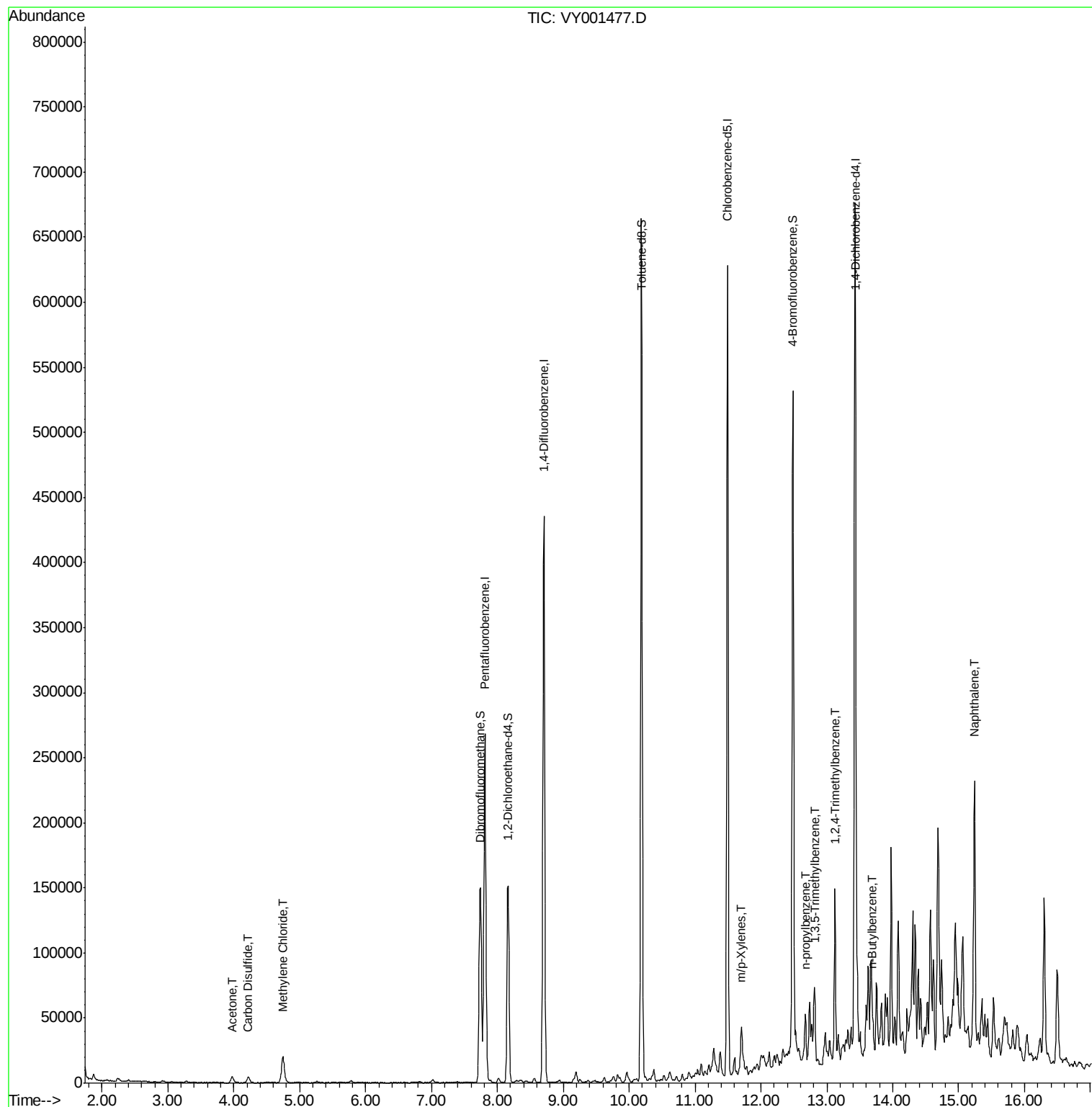
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
Data File : VY001477.D
Acq On : 03 Feb 2020 16:51
Operator : SY/MD
Sample : L1383-05
Misc : 8.38G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

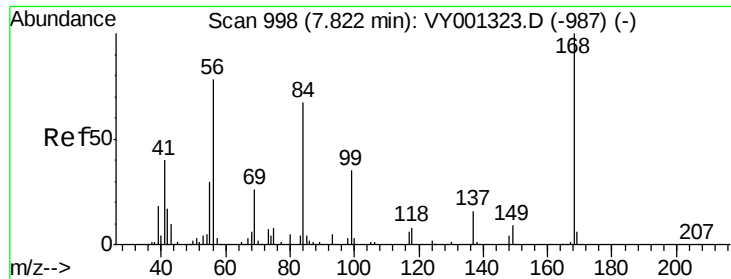
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

Manual Integrations
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2/4/2020 11:21:54 AM

Quant Time: Feb 04 07:37:58 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

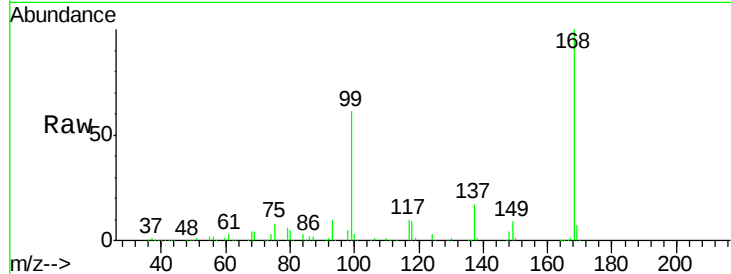
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: VY001477.D
 Acq: 03 Feb 2020 16:51

Instrument :
 MSVOA_Y
 ClientSampled :
 TP-B

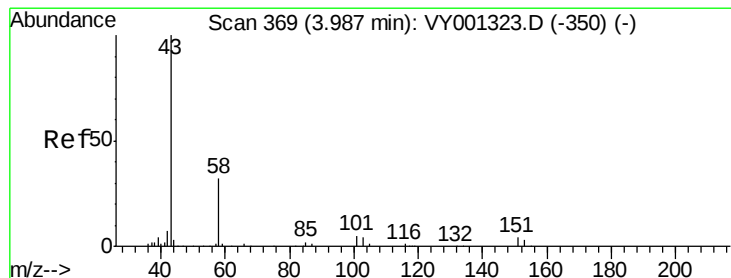
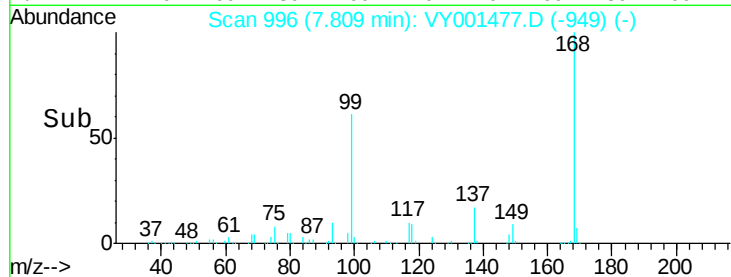
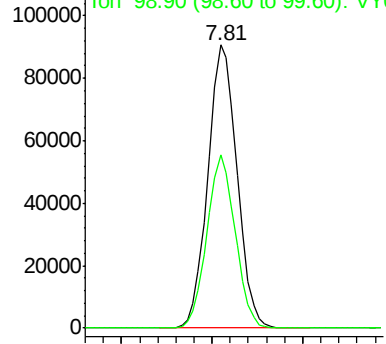
Tot Ion	Ratio	Lower	Upper
168	100		
99	61.1	44.3	66.5

Manual Integrations
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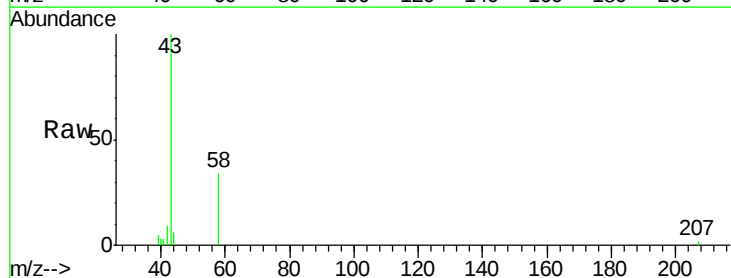
Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)



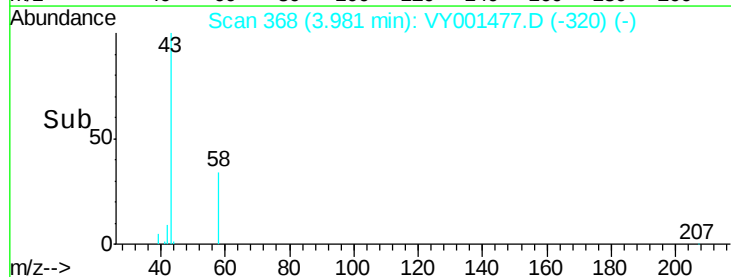
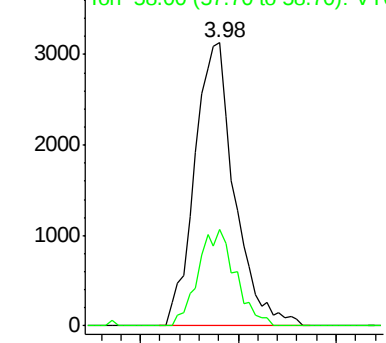
#16

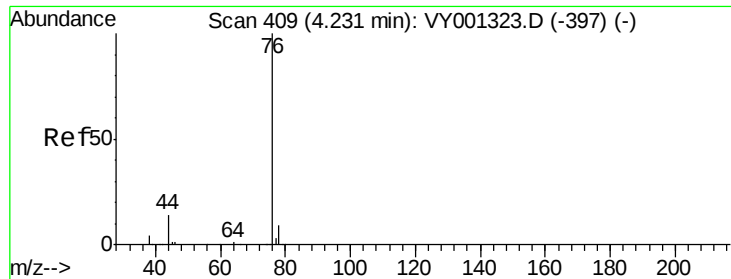
Acetone
 Concen: 7.962 ug/l
 RT: 3.98 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VY001477.D
 Acq: 03 Feb 2020 16:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.4	38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)





#17

Carbon Disulfide

Concen: 1.264 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001477.D

Acq: 03 Feb 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-B

Tot Ion: 76 Resp: 8513

Ion Ratio Lower Upper

76 100

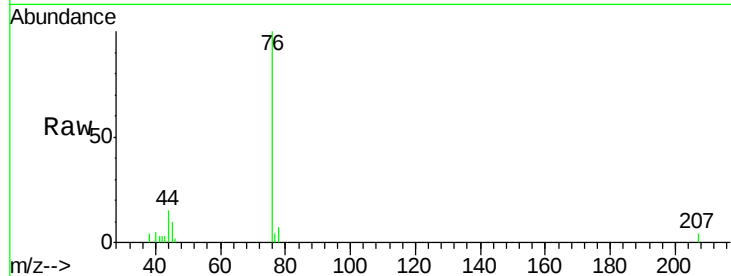
78 7.4 7.0 10.6

Manual Integrations

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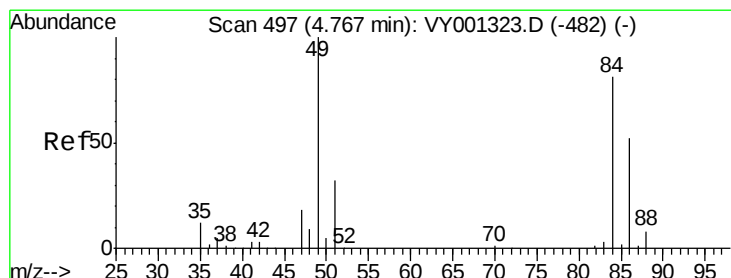
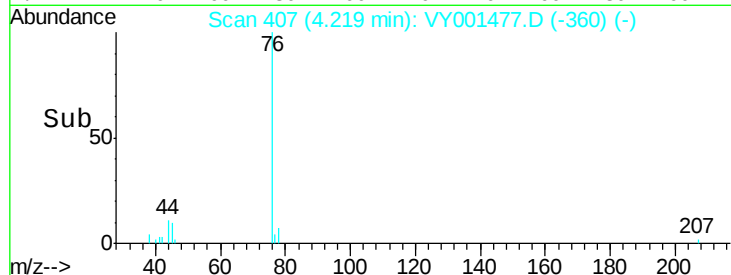
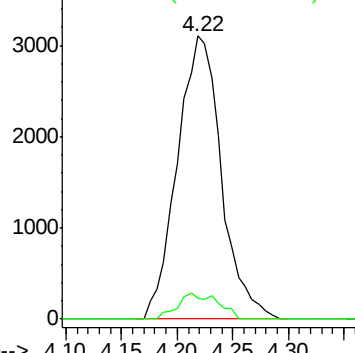
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#20

Methylene Chloride

Concen: 1.700 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.02 min

Lab File: VY001477.D

Acq: 03 Feb 2020 16:51

Tgt Ion: 84 Resp: 15706

Ion Ratio Lower Upper

84 100

49 107.1 98.3 147.5

51 30.7 31.6 47.4#

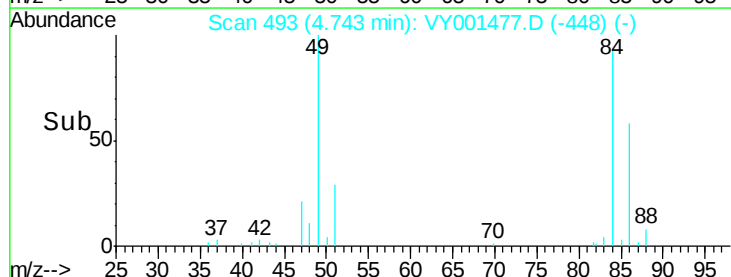
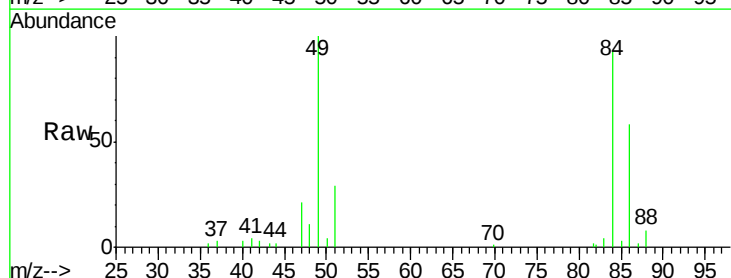
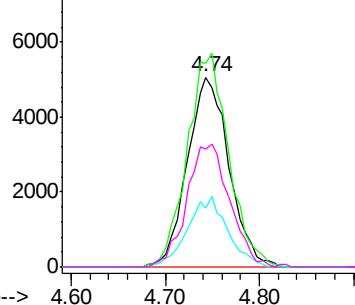
86 61.9 51.1 76.7

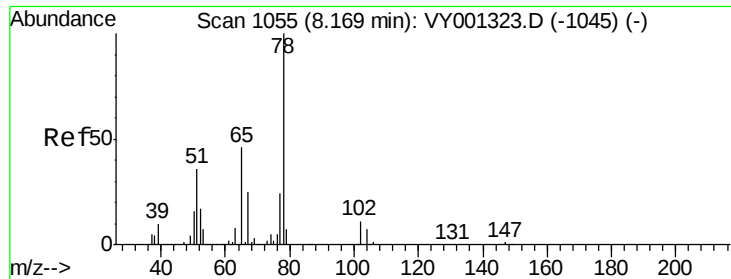
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





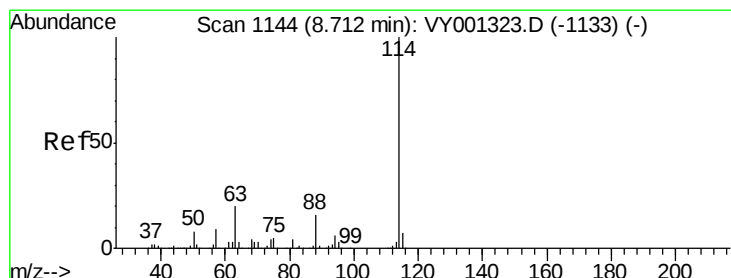
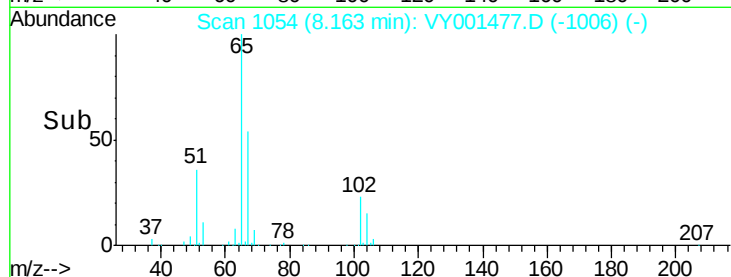
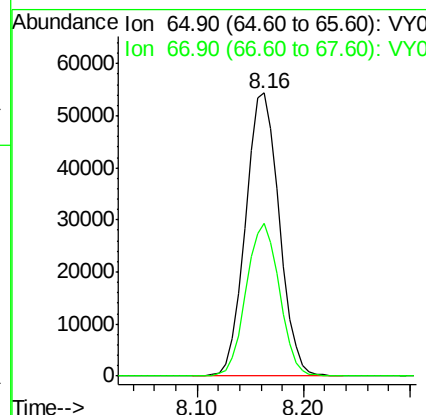
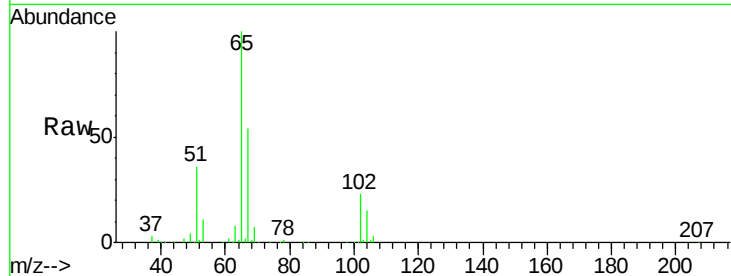
#33
 1,2-Dichloroethane-d4
 Concen: 55.162 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001477.D
 Acq: 03 Feb 2020 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-B

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121094		
67	53.4	0.0	108.6	

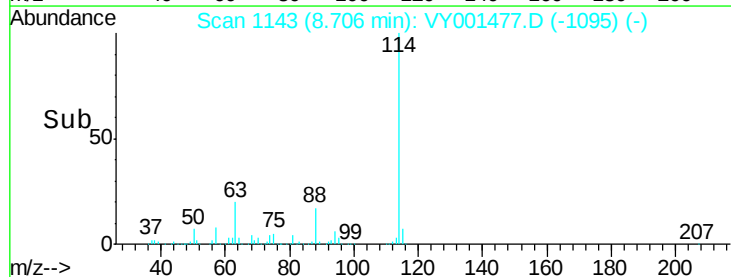
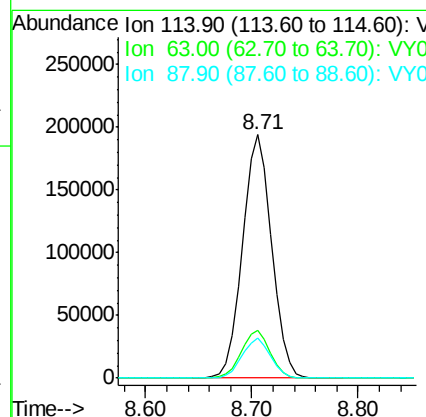
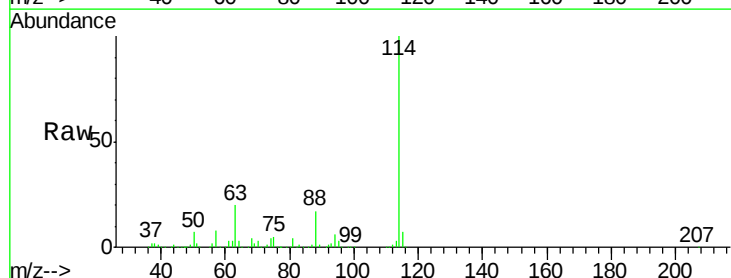
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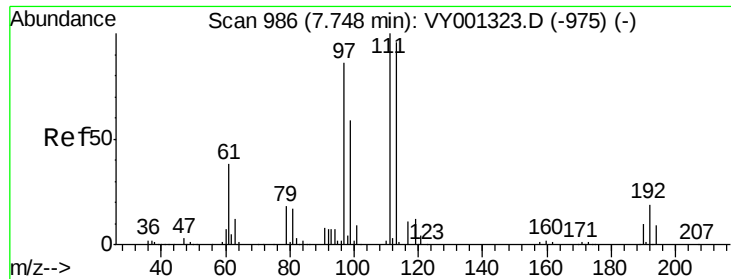
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001477.D
 Acq: 03 Feb 2020 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	373063		
63	19.8	0.0	40.8	
88	16.5	0.0	31.0	





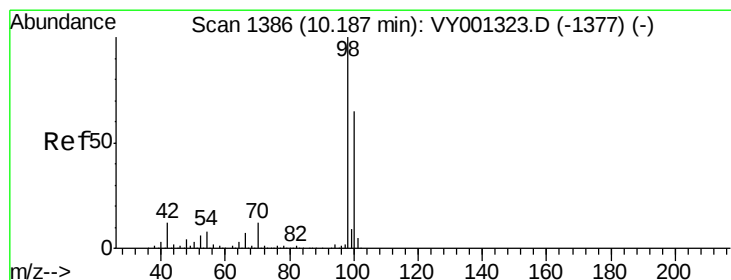
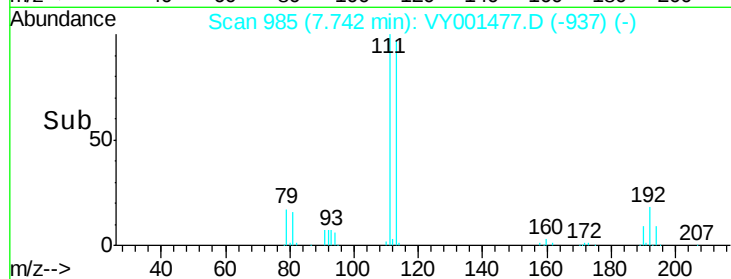
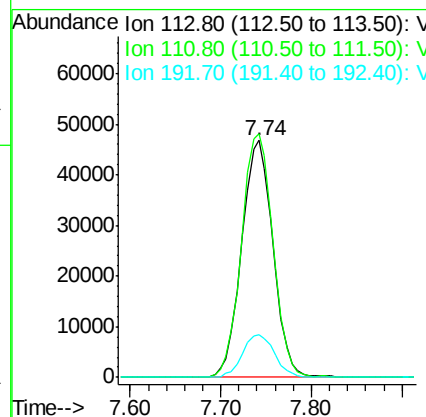
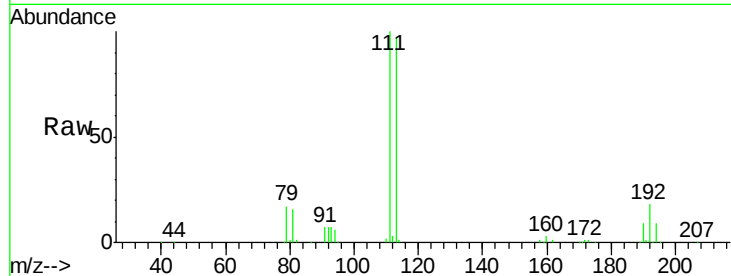
#35
 Dibromofluoromethane
 Concen: 51.163 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001477.D
 Acq: 03 Feb 2020 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	18.5	15.5	23.3

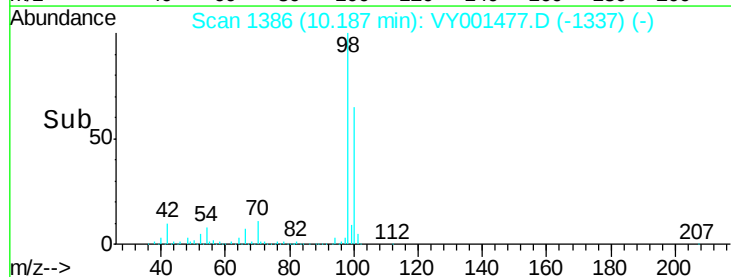
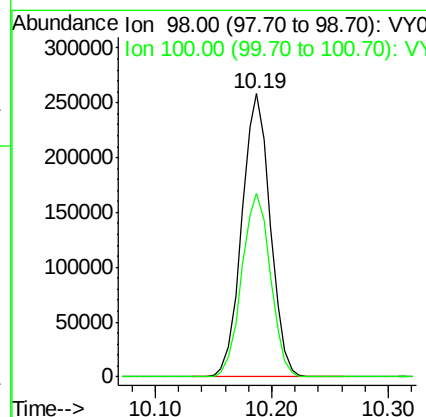
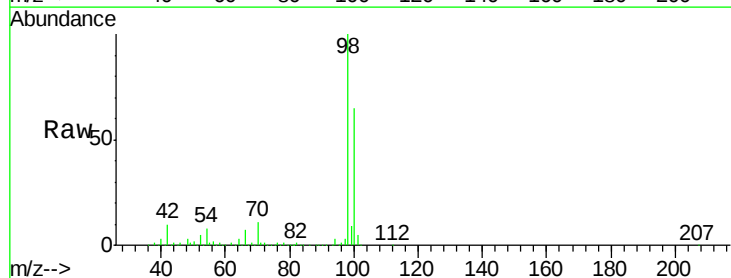
Manual Integrations
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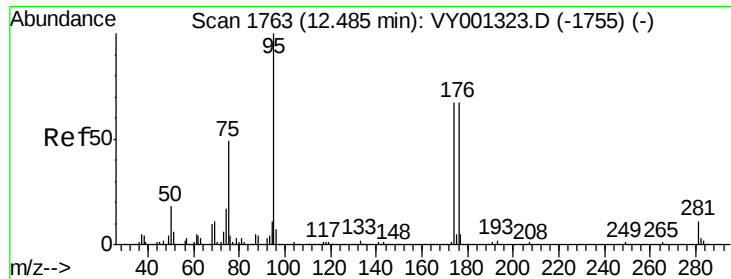
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#50
 Toluene-d8
 Concen: 51.562 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY001477.D
 Acq: 03 Feb 2020 16:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	79.0





#62

4-Bromofluorobenzene

Concen: 51.671 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001477.D

Acq: 03 Feb 2020 16:51

Instrument :

MSVOA_Y

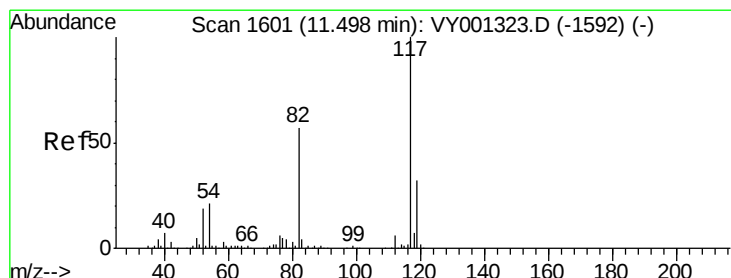
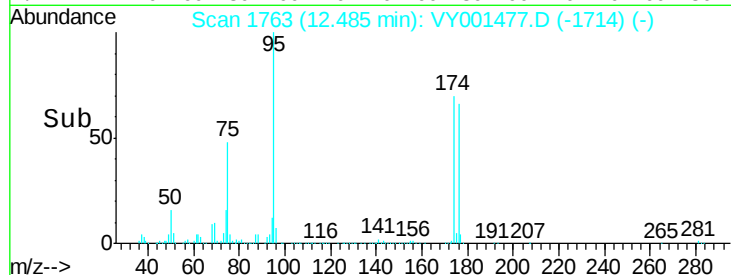
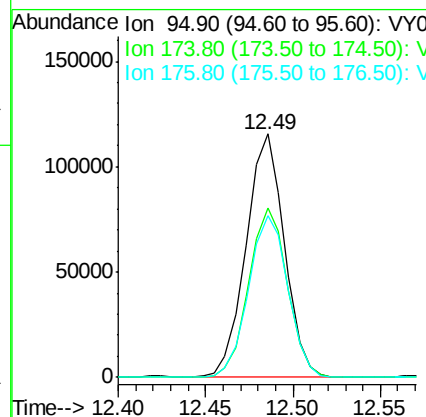
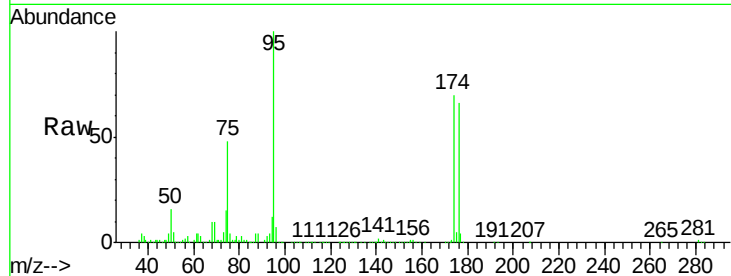
ClientSampleId :

TP-B

Tot Ion:	95	Resp:	175047
Ion Ratio	Lower	Upper	
95	100		
174	70.6	0.0	142.0
176	68.2	0.0	138.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

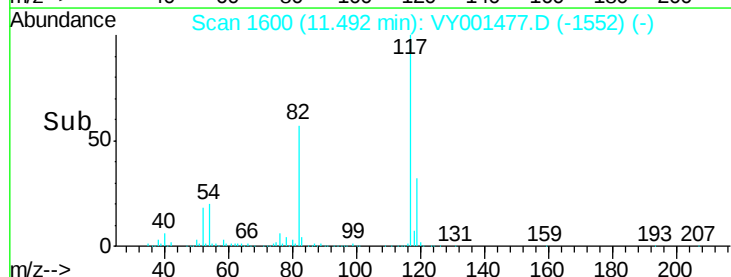
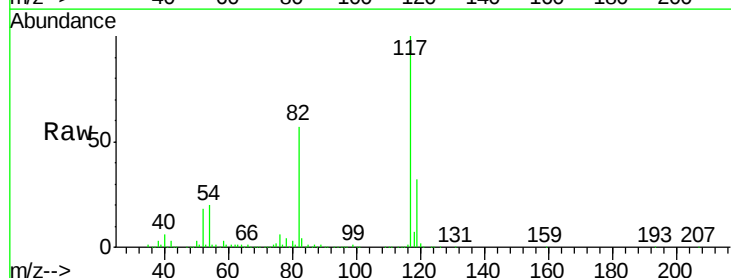
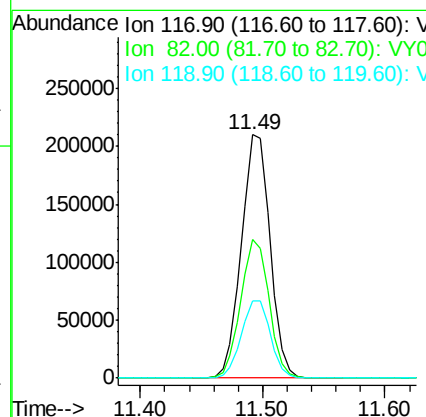
RT: 11.49 min Scan# 1600

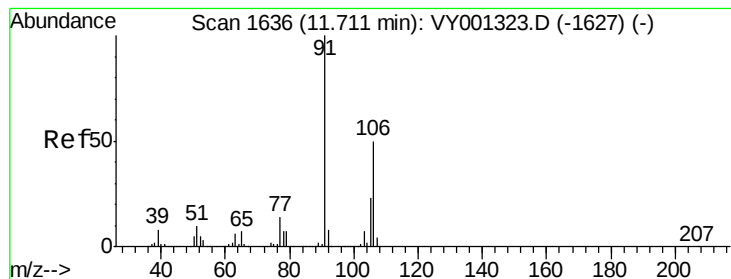
Delta R.T. -0.01 min

Lab File: VY001477.D

Acq: 03 Feb 2020 16:51

Tgt Ion:	117	Resp:	341430
Ion Ratio	Lower	Upper	
117	100		
82	56.7	45.5	68.3
119	31.8	25.8	38.6





#68

m/p-Xvlenes

Concen: 2.223 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001477.D

Acq: 03 Feb 2020 16:51

Instrument :

MSVOA_Y

ClientSampled :

TP-B

Tot Ion:106 Resp: 11010

Ion Ratio Lower Upper

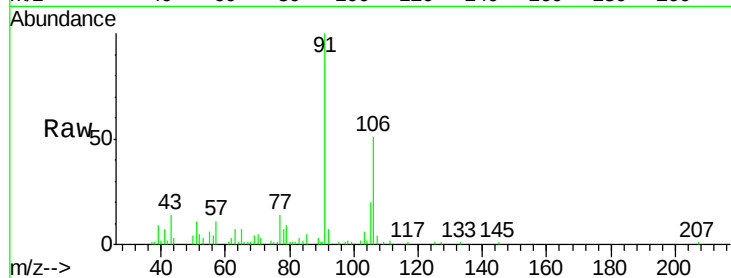
106 100

91 205.5 162.8 244.2

Manual Integrations
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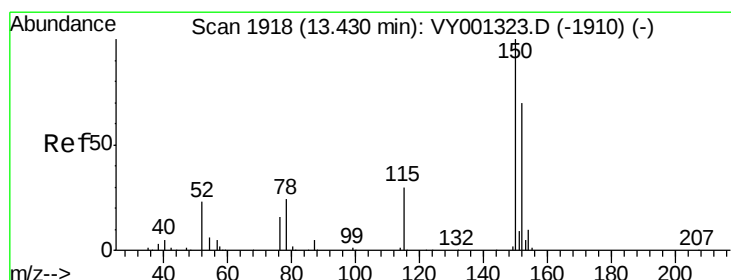
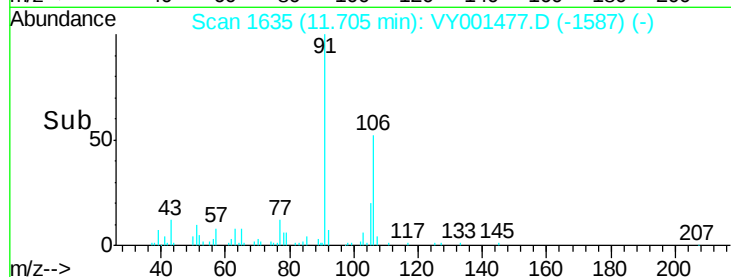
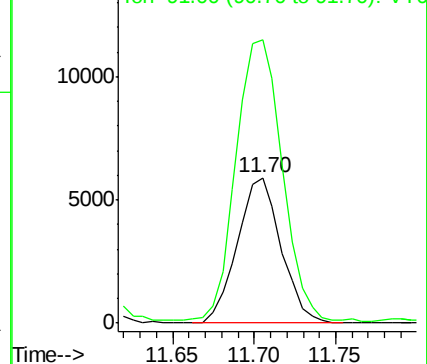
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001477.D

Acq: 03 Feb 2020 16:51

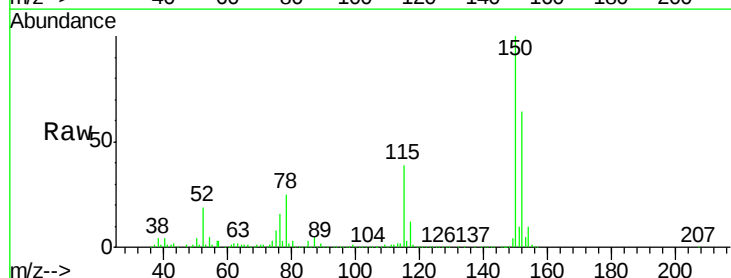
Tgt Ion:152 Resp: 165148

Ion Ratio Lower Upper

152 100

115 63.1 30.9 92.8

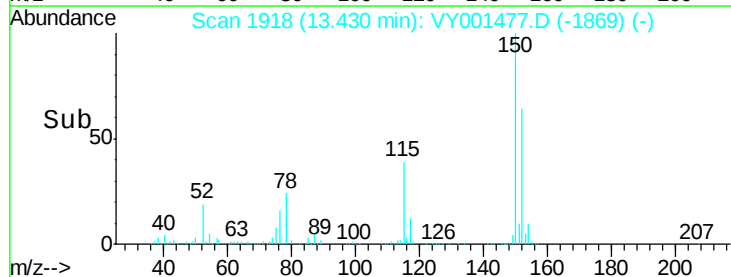
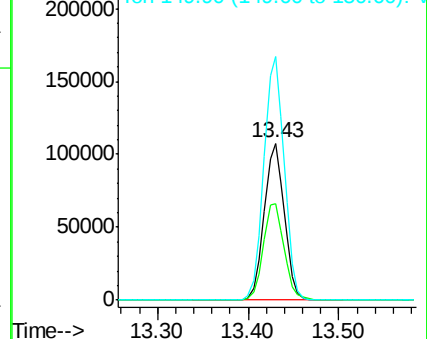
150 156.5 0.0 349.2

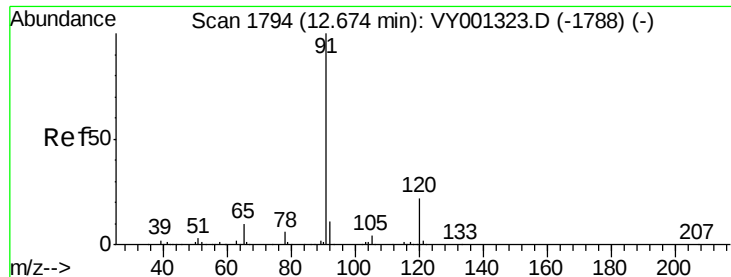


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 1.783 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001477.D

Acq: 03 Feb 2020 16:51

Instrument :

MSVOA_Y

ClientSampled :

TP-B

Tot Ion: 91 Resp: 27966

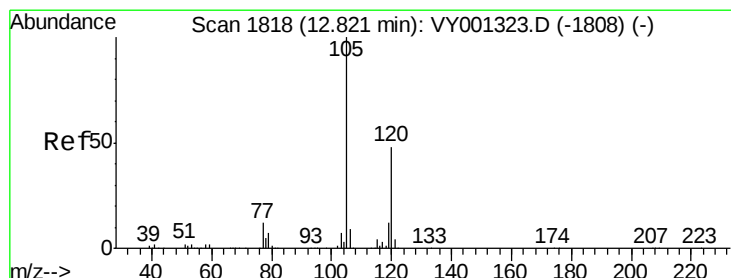
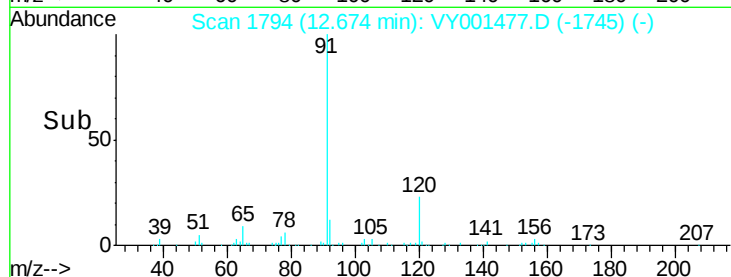
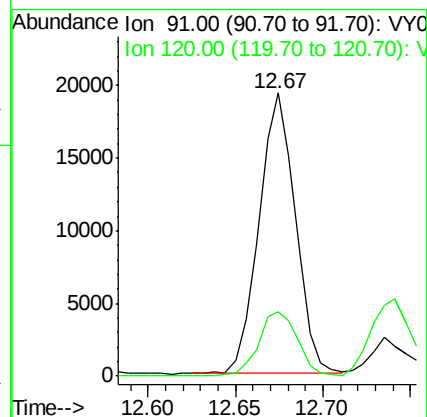
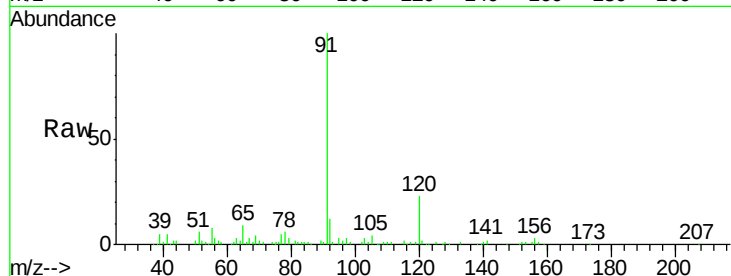
Ion Ratio Lower Upper

91 100

120 24.7 11.3 33.8

Manual Integrations
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2/4/2020 11:21:54 AM



#80

1,3,5-Trimethylbenzene

Concen: 1.844 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001477.D

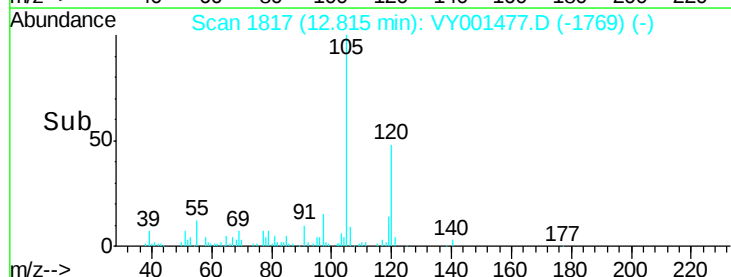
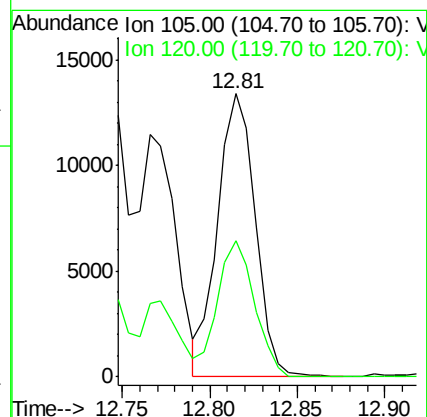
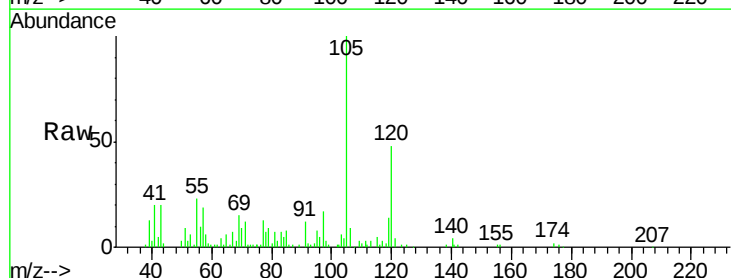
Acq: 03 Feb 2020 16:51

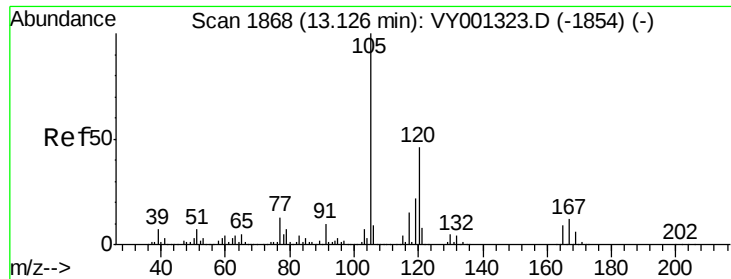
Tgt Ion: 105 Resp: 20064

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.9





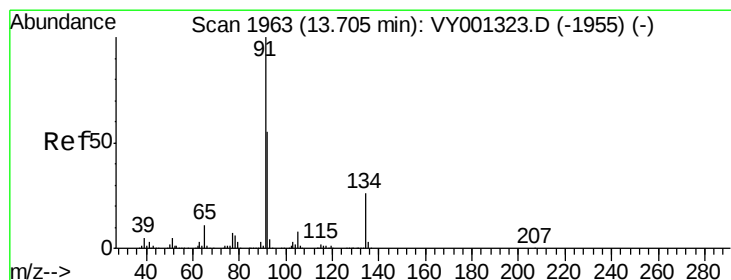
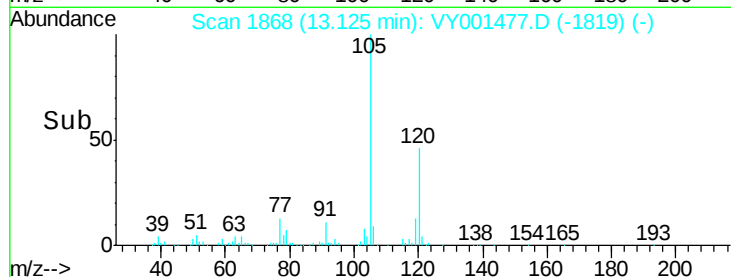
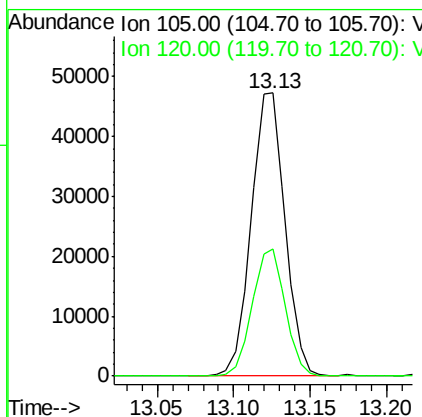
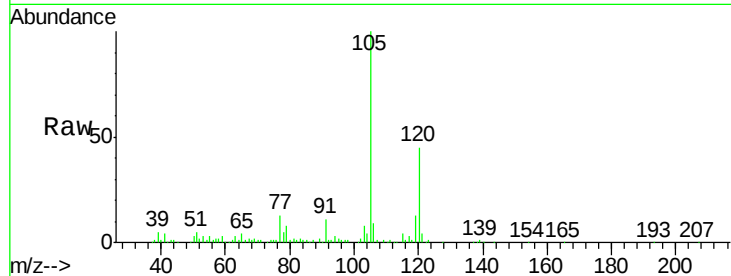
#84
 1,2,4-Trimethylbenzene
 Concen: 6.659 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001477.D
 Acq: 03 Feb 2020 16:51

Instrument :
 MSVOA_Y
 ClientSampled :
 TP-B

Tot Ion: 105 Resp: 72725
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.3

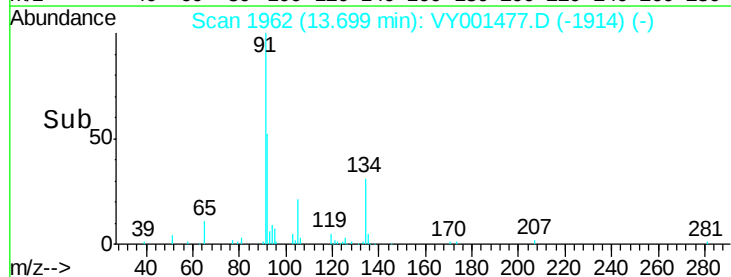
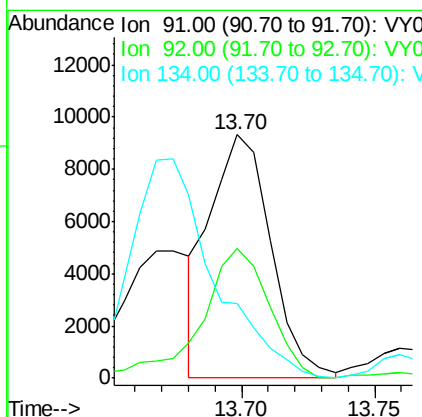
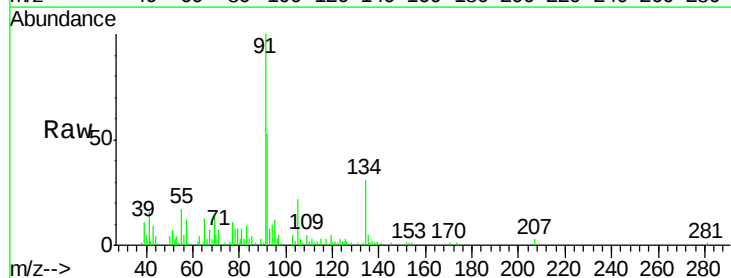
Manual Integrations
 APPROVED

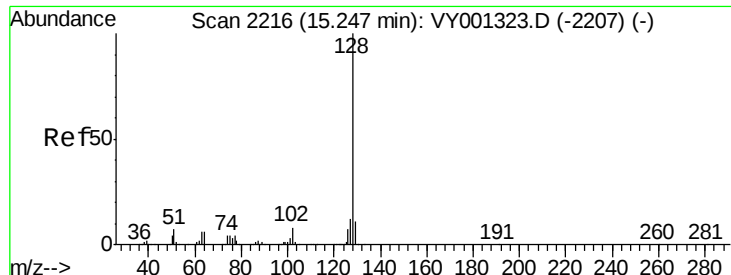
MMDadoda
 2/4/2020 11:21:54 AM



#89
 n-Butylbenzene
 Concen: 1.273 ug/l m
 RT: 13.70 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VY001477.D
 Acq: 03 Feb 2020 16:51

Tgt Ion: 91 Resp: 14712
 Ion Ratio Lower Upper
 91 100
 92 59.3 27.6 82.8
 134 0.0 12.9 38.6#





#95
Naphthalene
Concen: 20.104 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001477.D
Acq: 03 Feb 2020 16:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-B

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.2	10.2	15.2
129	11.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/4/2020 11:21:54 AM

