

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002848.D
 Acq On : 05 Jun 2020 15:02
 Operator : SY/MD
 Sample : L2930-02
 Misc : 6.35G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S39-HSVE3-IDW01

Manual Integrations
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 6/8/2020 11:28:08 AM

Quant Time: Jun 19 14:33:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	277633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	450083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	420862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	213601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	134584	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
35) Dibromofluoromethane	7.72	113	136290	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.18	98	535937	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.48	95	181518	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	350629	620.295	ug/l	99
25) 2-Butanone	6.99	43	293684	333.475	ug/l	98
39) Methylcyclohexane	9.19	83	47658	9.537	ug/l #	85
40) Benzene	8.16	78	14337	1.280	ug/l	95
52) Toluene	10.24	92	179837	24.539	ug/l	99
64) Tetrachloroethene	10.72	164	27045	7.071	ug/l	97
67) Ethyl Benzene	11.60	91	243953	16.917	ug/l	99
68) m/p-Xylenes	11.70	106	445245	79.633	ug/l	100
69) o-Xylene	12.03	106	185592	35.161	ug/l	99
73) Isopropylbenzene	12.33	105	56433	4.123	ug/l	100
78) n-propylbenzene	12.67	91	210489	13.312	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	326280	28.548	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1175731	102.307	ug/l	100
85) sec-Butylbenzene	13.25	105	23662m	1.697	ug/l	
89) n-Butylbenzene	13.70	91	47636	4.045	ug/l #	70
95) Naphthalene	15.23	128	124539	13.459	ug/l	99

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

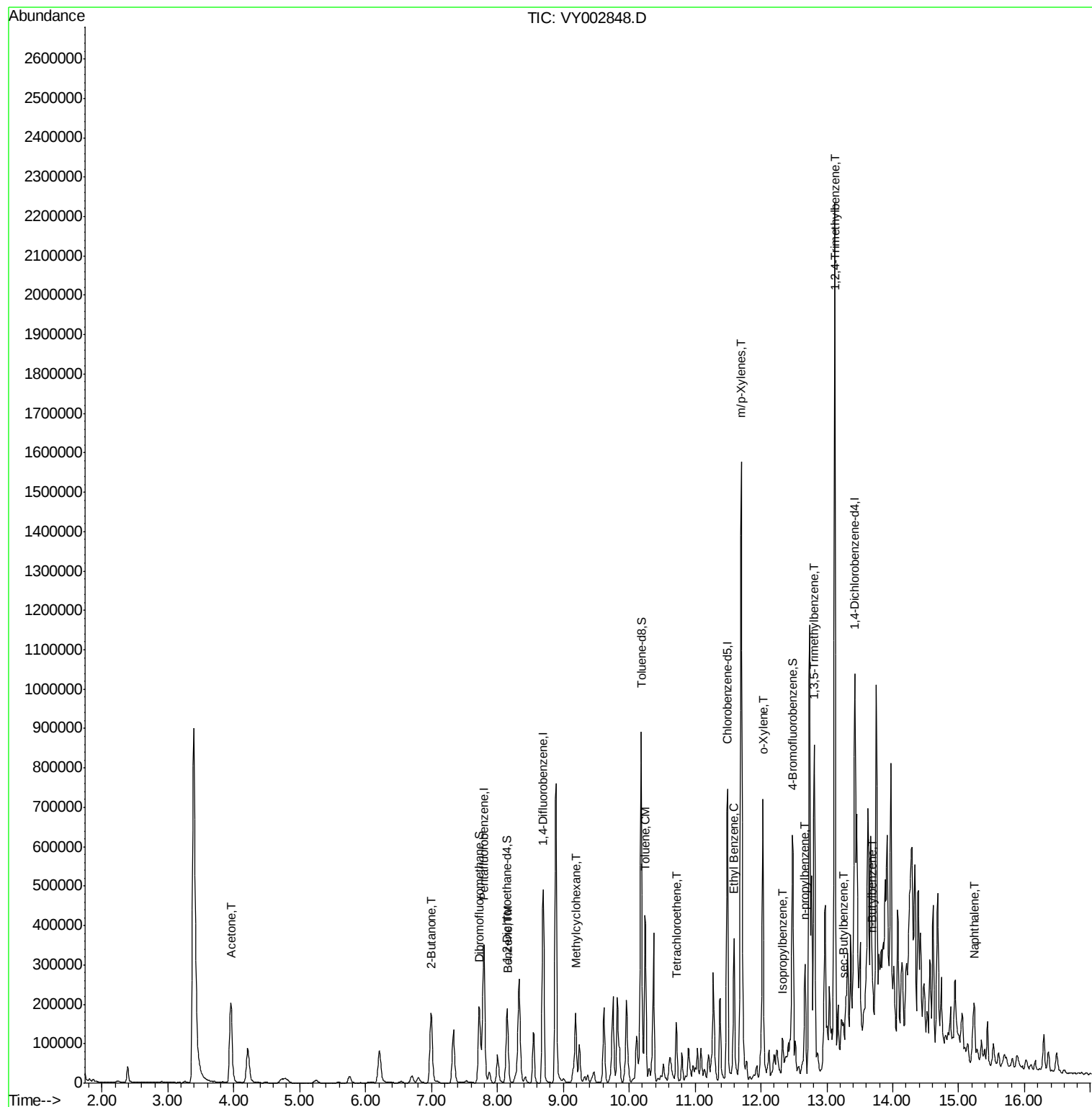
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
Data File : VY002848.D
Acq On : 05 Jun 2020 15:02
Operator : SY/MD
Sample : L2930-02
Misc : 6.35G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

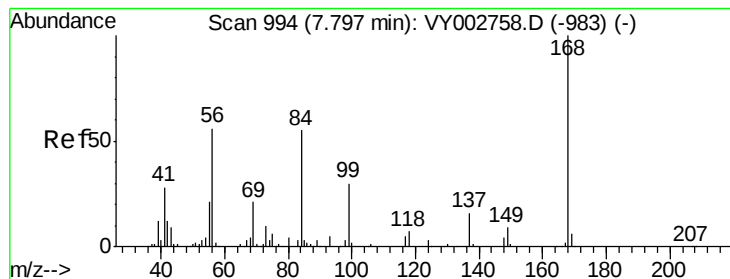
Instrument :
MSVOA_Y
ClientSampleId :
S39-HSVE3-IDW01

Manual Integrations
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Quant Time: Jun 19 14:33:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002848.D

Acq: 05 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

S39-HSVE3-IDW01

Tot Ion:168 Resp: 277633

Ion Ratio Lower Upper

168 100

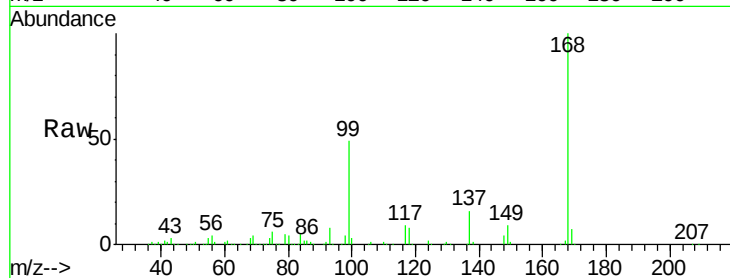
99 49.2 39.0 58.4

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Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

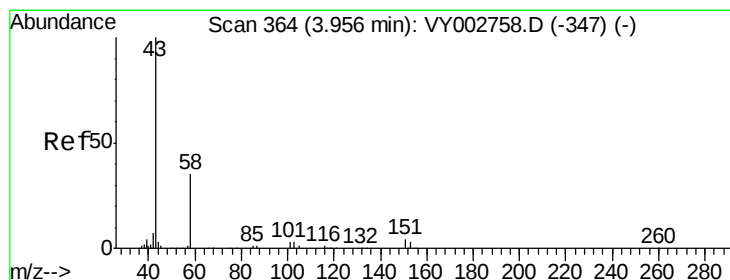
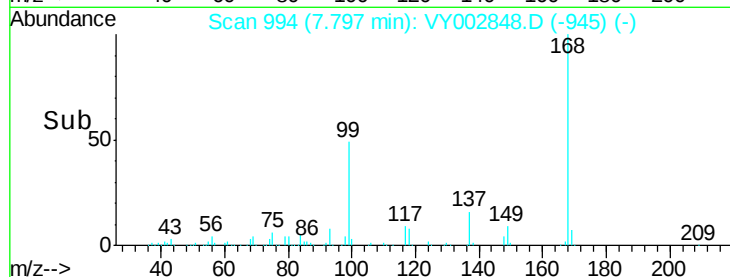
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 620.295 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002848.D

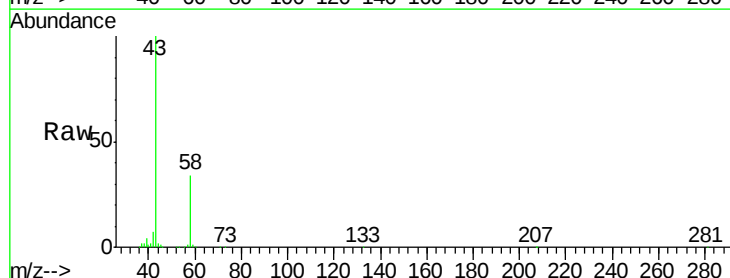
Acq: 05 Jun 2020 15:02

Tgt Ion: 43 Resp: 350629

Ion Ratio Lower Upper

43 100

58 34.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)

3.96

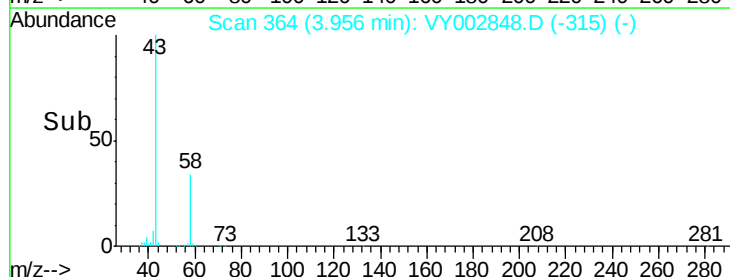
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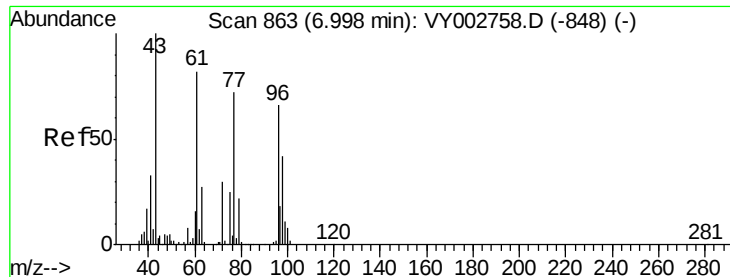
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50000

0

Time-->





#25

2-Butanone

Concen: 333.475 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002848.D

Acq: 05 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

S39-HSVE3-IDW01

Tot Ion: 43 Resp: 293684

Ion Ratio Lower Upper

43 100

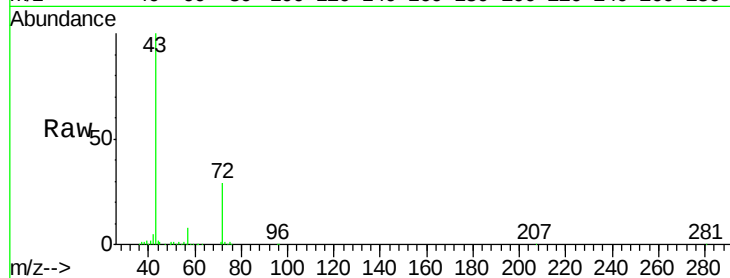
72 28.6 23.9 35.9

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

120000

100000

80000

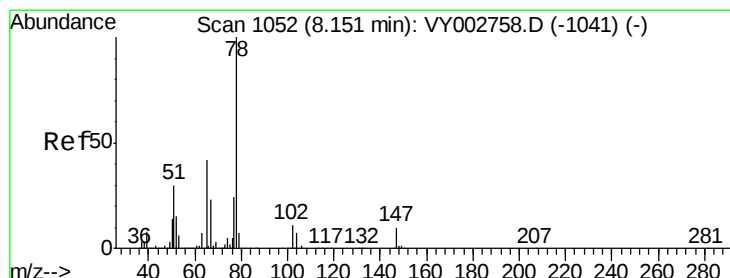
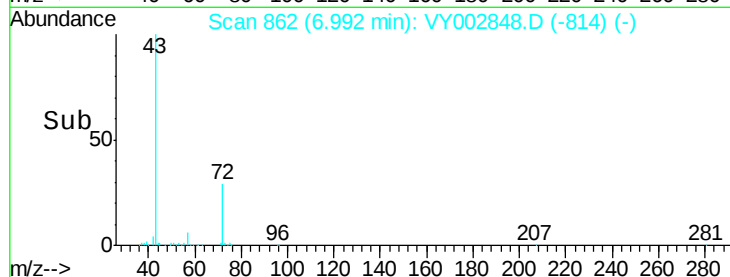
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.829 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002848.D

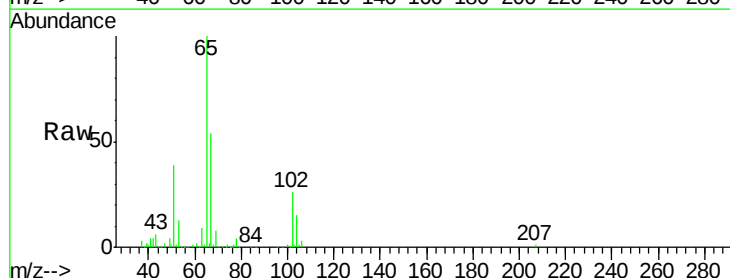
Acq: 05 Jun 2020 15:02

Tgt Ion: 65 Resp: 134584

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.14

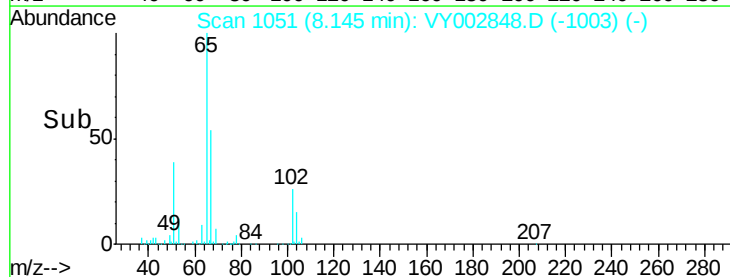
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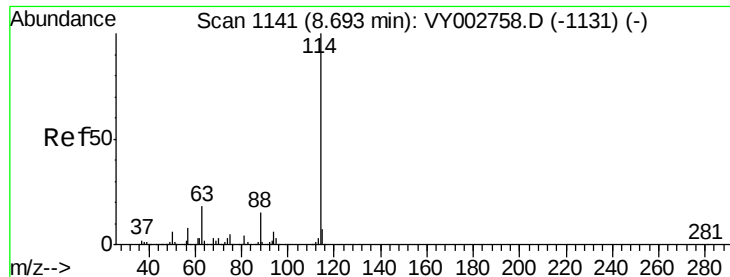
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Time-->





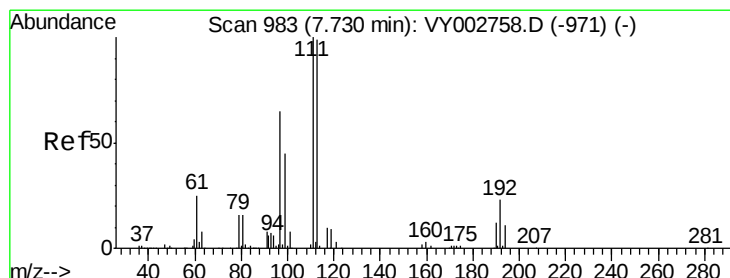
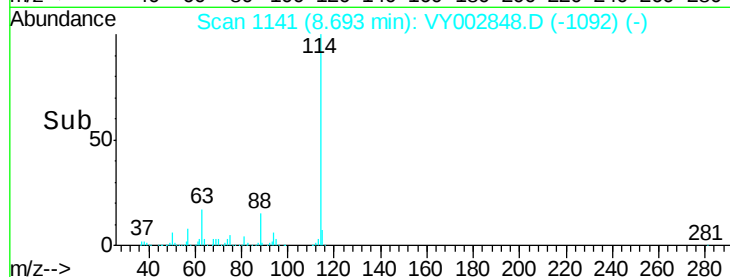
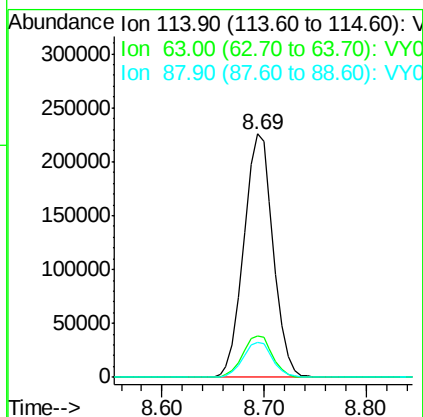
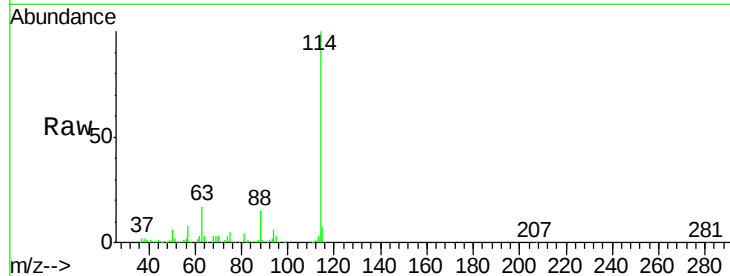
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002848.D
 Acq: 05 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 S39-HSVE3-IDW01

Tot Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.2	0.0	35.2	
88	14.5	0.0	29.2	

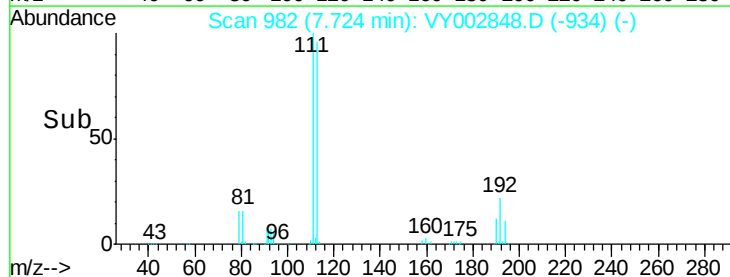
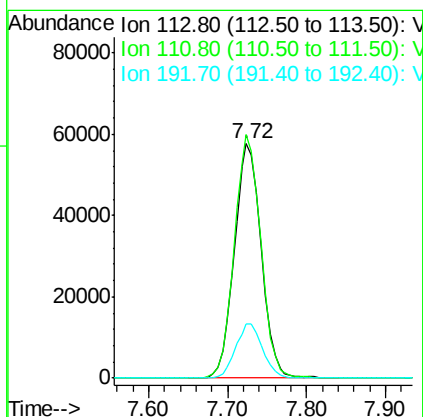
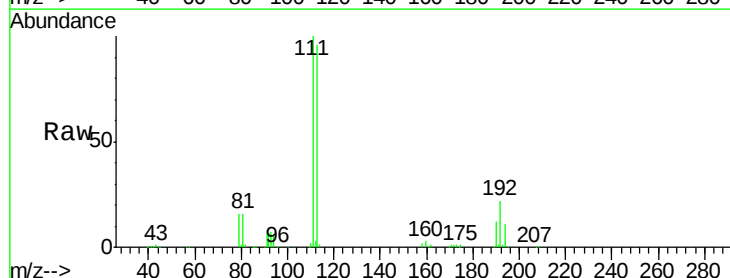
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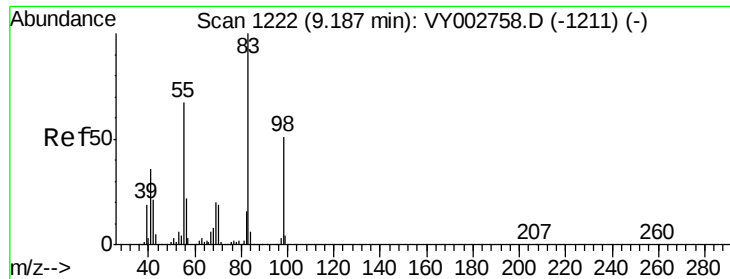
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#35
 Dibromofluoromethane
 Concen: 51.670 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002848.D
 Acq: 05 Jun 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	82.0	123.0	
192	23.3	18.9	28.3	





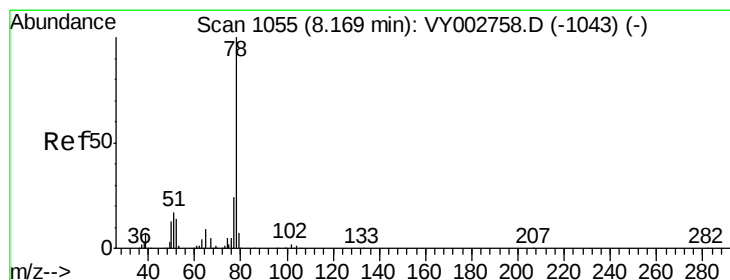
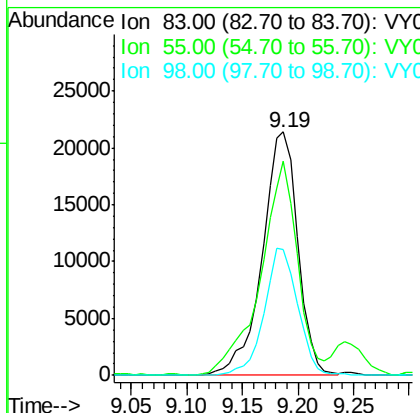
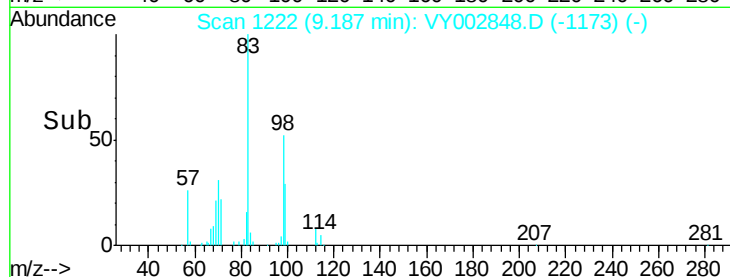
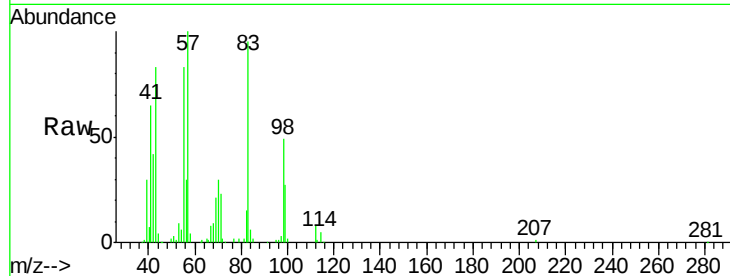
#39
Methvlcvclohexane
Concen: 9.537 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
S39-HSVE3-IDW01

Tot Ion	83	Resp	47658
Ion Ratio	Lower	Upper	
83	100		
55	87.9	53.3	79.9#
98	51.8	41.1	61.7

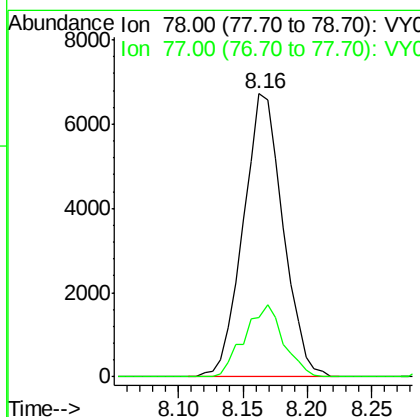
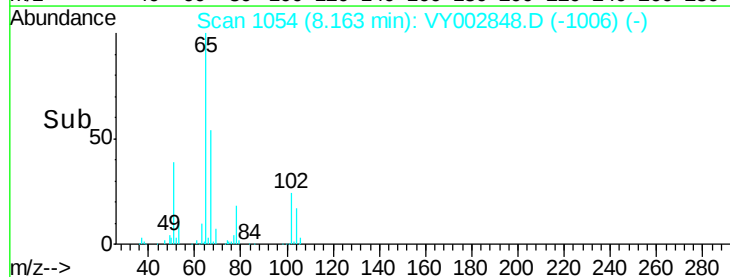
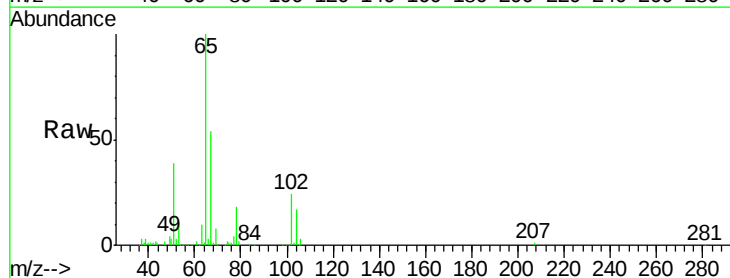
Manual Integrations
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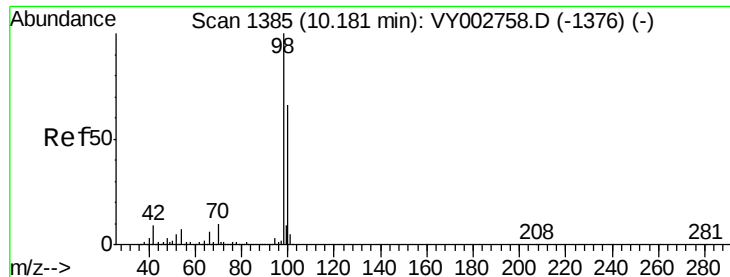
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#40
Benzene
Concen: 1.280 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Tgt Ion	78	Resp	14337
Ion Ratio	Lower	Upper	
78	100		
77	21.0	18.8	28.2





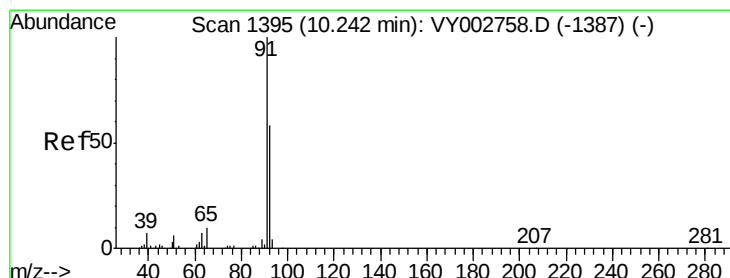
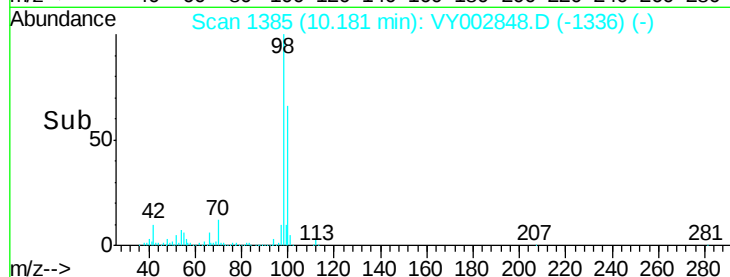
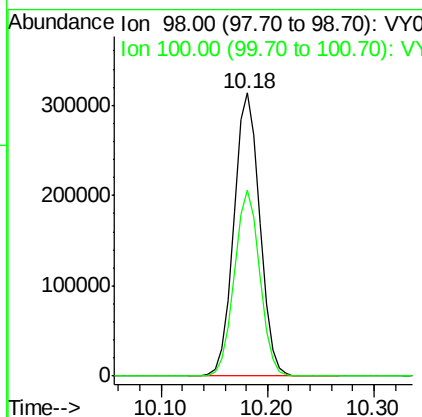
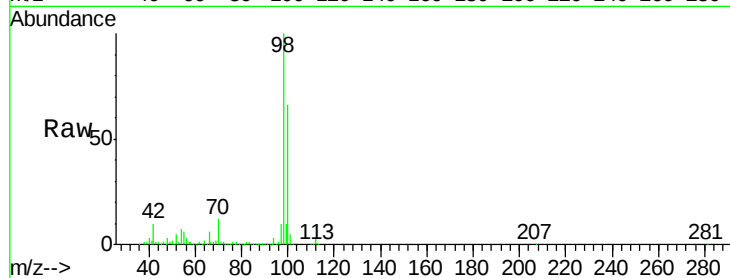
#50
Toluene-d8
Concen: 50.252 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
S39-HSVE3-IDW01

Tot Ion: 98 Resp: 535937
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2

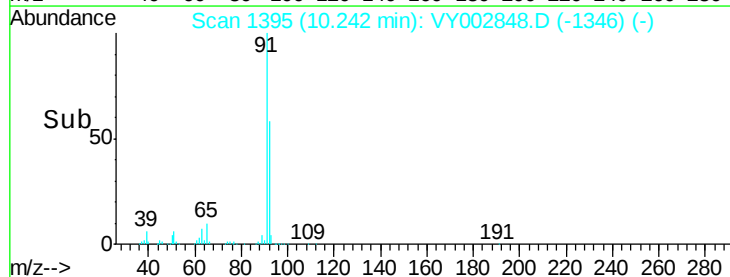
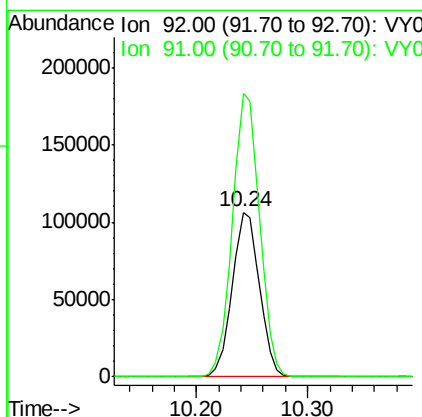
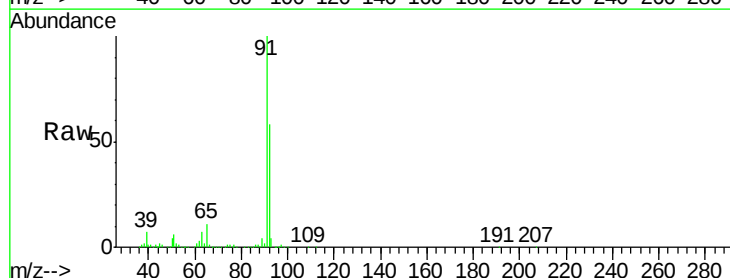
Manual Integrations
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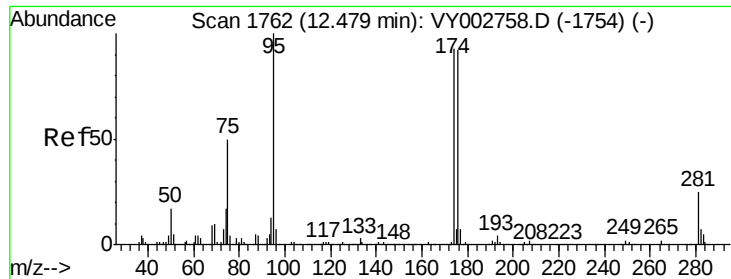
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#52
Toluene
Concen: 24.539 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Tgt Ion: 92 Resp: 179837
Ion Ratio Lower Upper
92 100
91 172.1 138.5 207.7





#62

4-Bromofluorobenzene

Concen: 49.802 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002848.D

Acq: 05 Jun 2020 15:02

Instrument :

MSVOA_Y

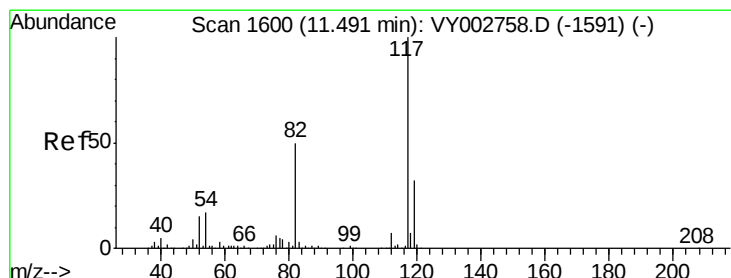
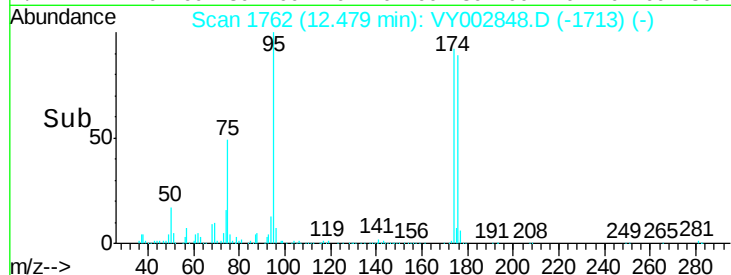
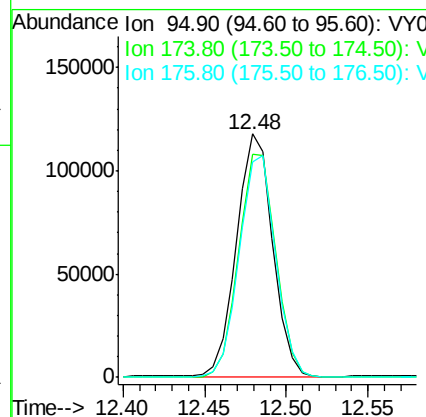
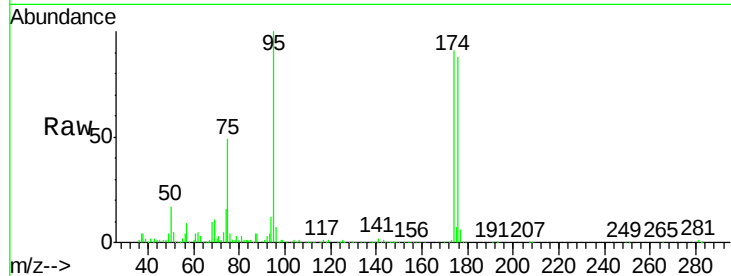
ClientSampleId :

S39-HSVE3-IDW01

Tot Ion:	95	Resp:	181518
Ion Ratio	Lower	Upper	
95	100		
174	94.3	0.0	191.2
176	92.0	0.0	188.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

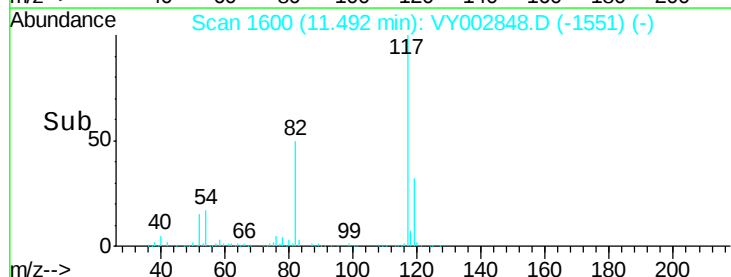
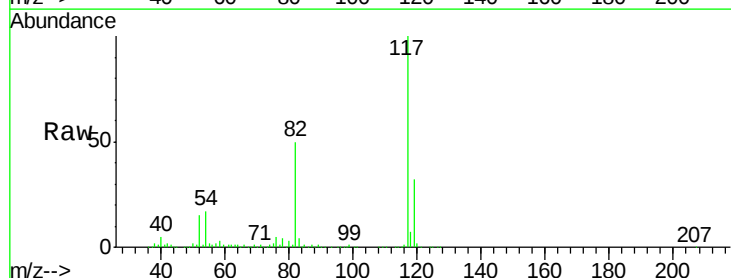
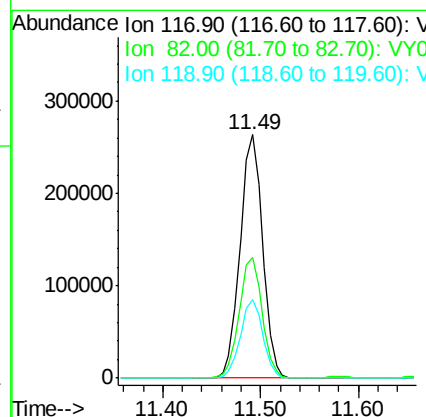
RT: 11.49 min Scan# 1600

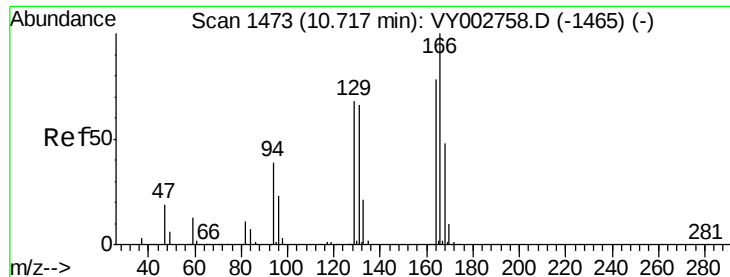
Delta R.T. 0.00 min

Lab File: VY002848.D

Acq: 05 Jun 2020 15:02

Tgt Ion:	117	Resp:	420862
Ion Ratio	Lower	Upper	
117	100		
82	49.1	40.2	60.4
119	32.0	25.8	38.8





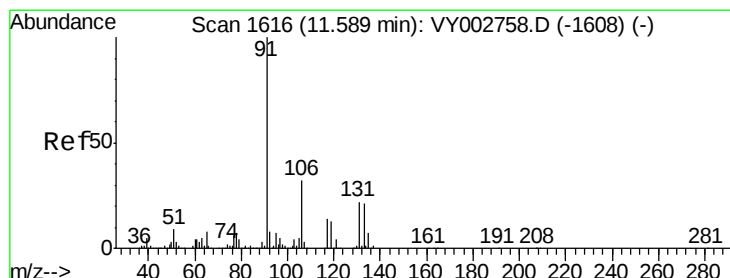
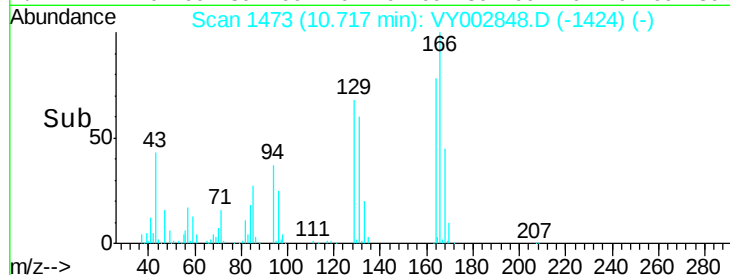
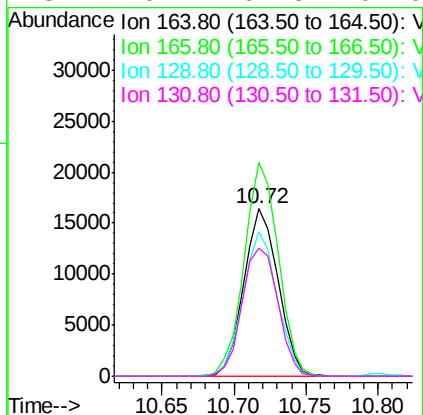
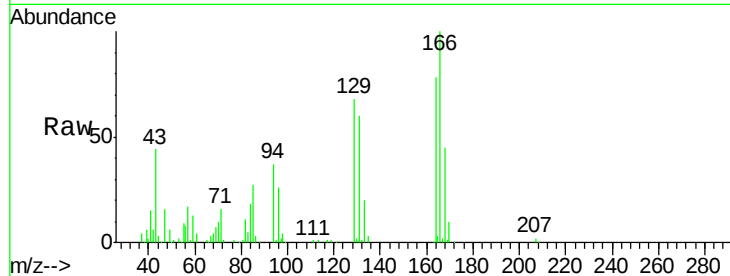
#64
Tetrachloroethene
Concen: 7.071 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
S39-HSVE3-IDW01

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.3	153.5
129	86.6	69.4	104.2
131	76.7	67.8	101.6

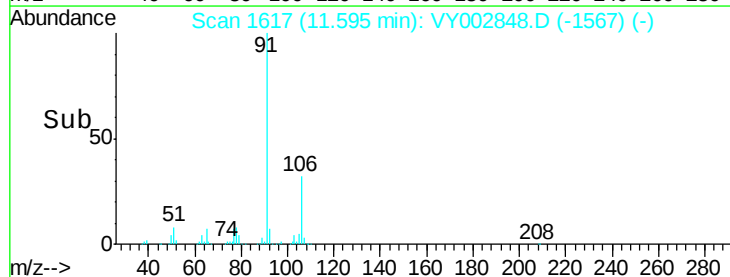
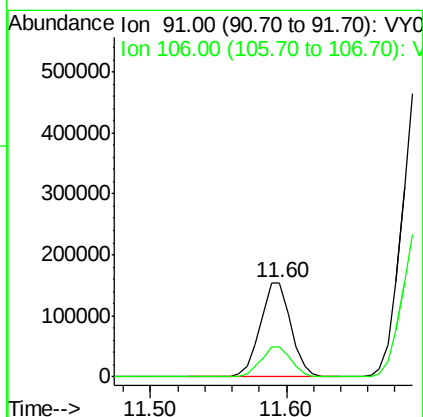
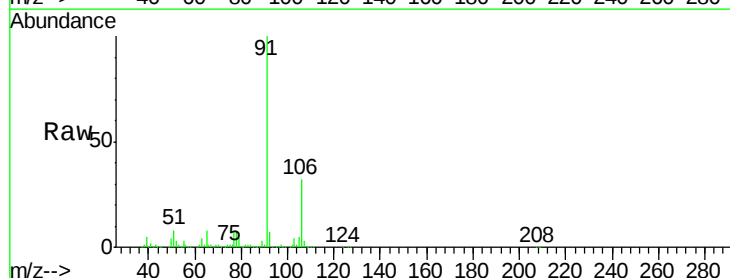
Manual Integrations
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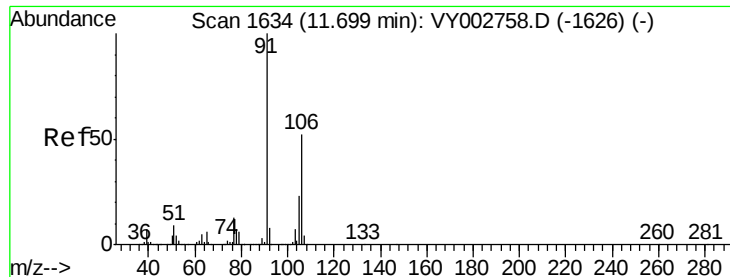
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#67
Ethyl Benzene
Concen: 16.917 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.7	38.5





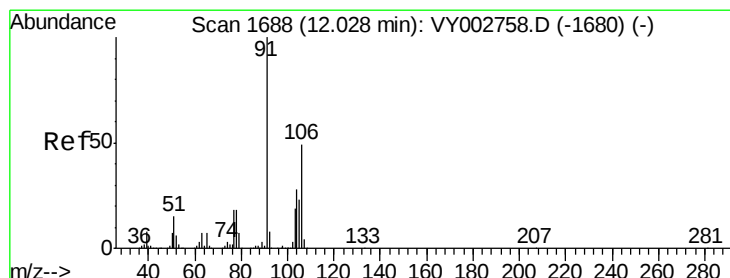
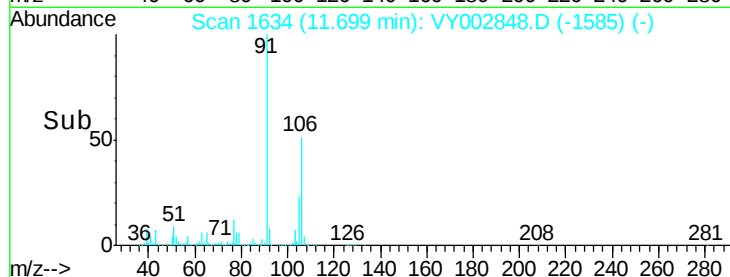
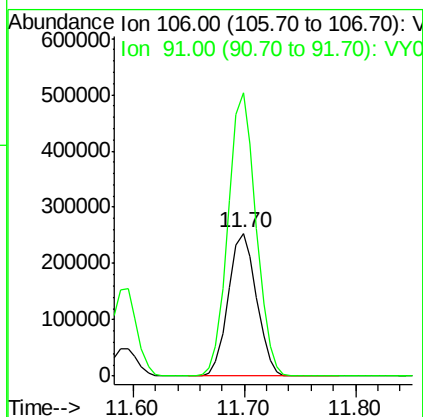
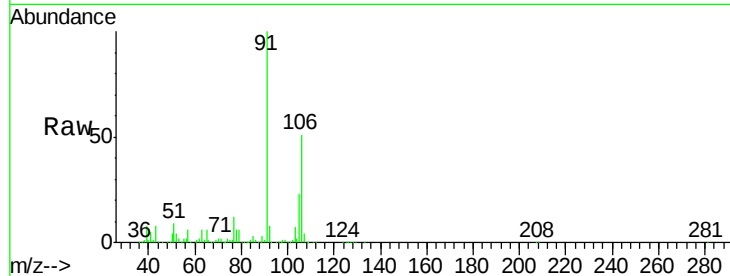
#68
m/p-Xylenes
Concen: 79.633 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
S39-HSVE3-IDW01

Tot Ion:106 Resp: 445245
Ion Ratio Lower Upper
106 100
91 195.5 156.0 234.0

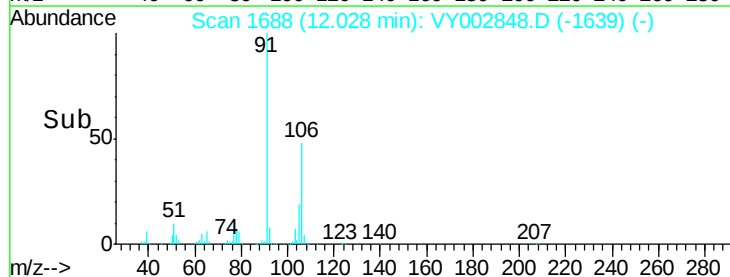
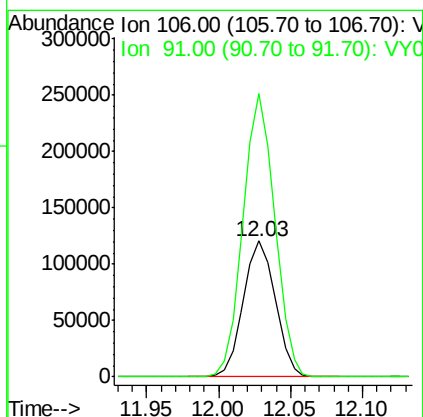
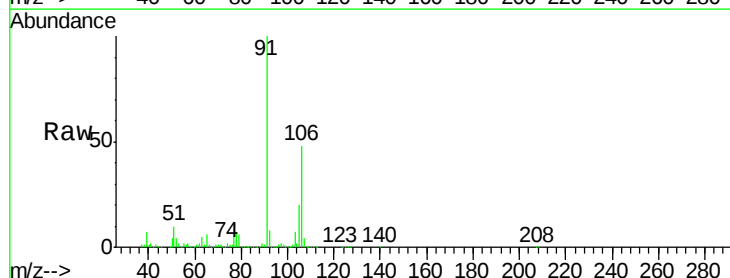
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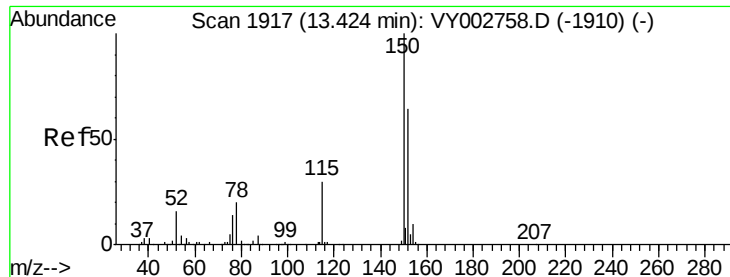
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#69
o-Xylene
Concen: 35.161 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Tgt Ion:106 Resp: 185592
Ion Ratio Lower Upper
106 100
91 206.1 102.4 307.1





#72

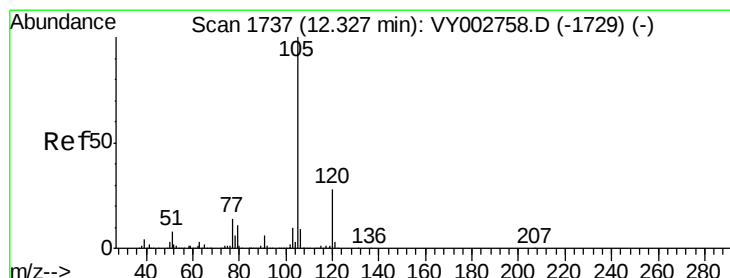
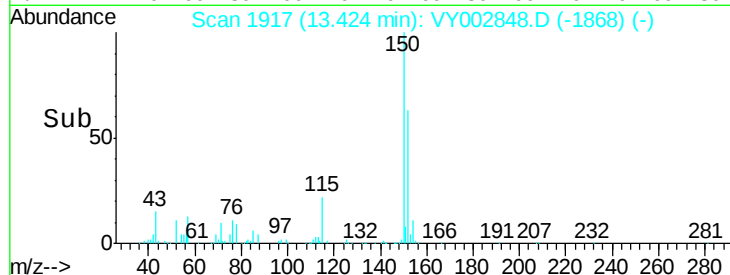
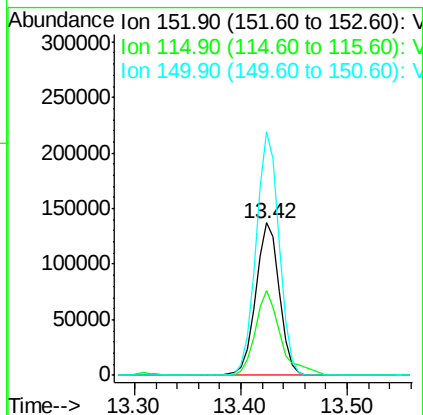
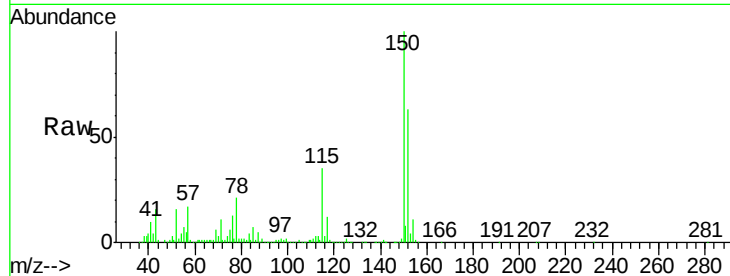
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
S39-HSVE3-IDW01

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	27.0	81.0
150	154.9	0.0	344.8

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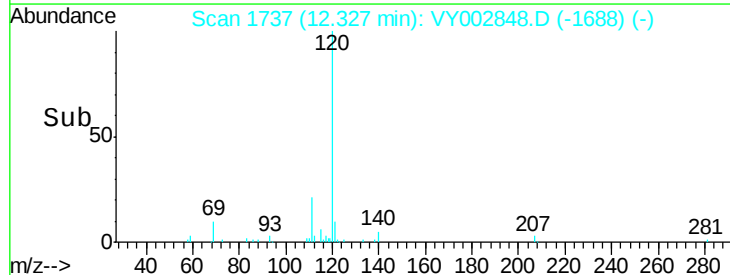
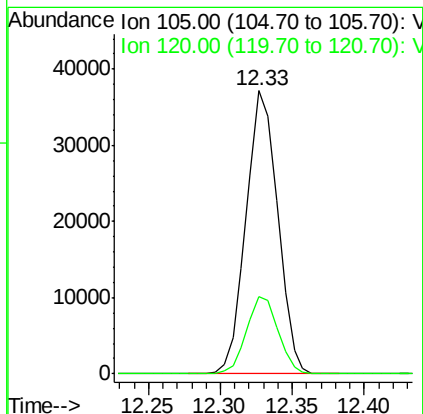
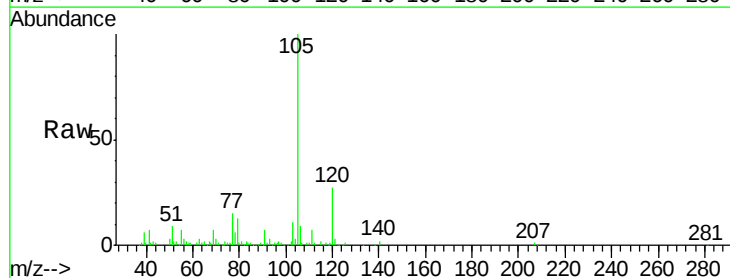
MMDadoda
6/8/2020 11:28:08 AM

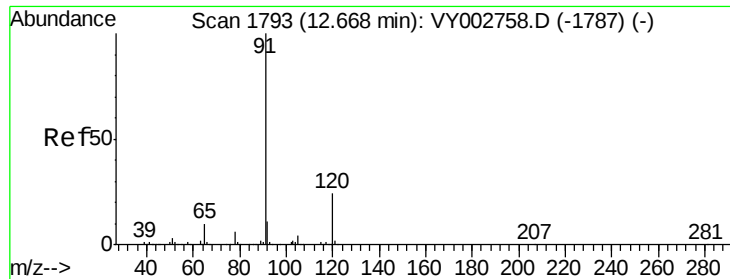


#73

Isopropylbenzene
Concen: 4.123 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.7	41.1





#78

n-propylbenzene

Concen: 13.312 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002848.D

Acq: 05 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

S39-HSVE3-IDW01

Tot Ion: 91 Resp: 210489

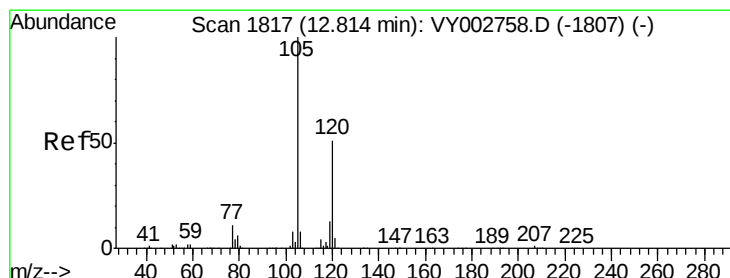
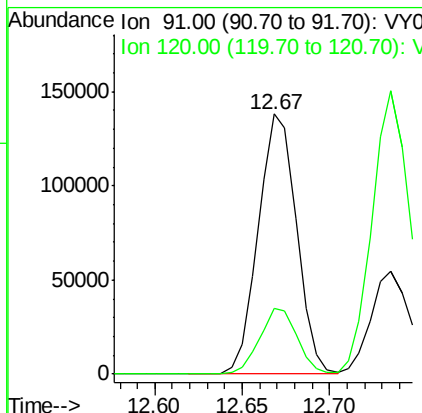
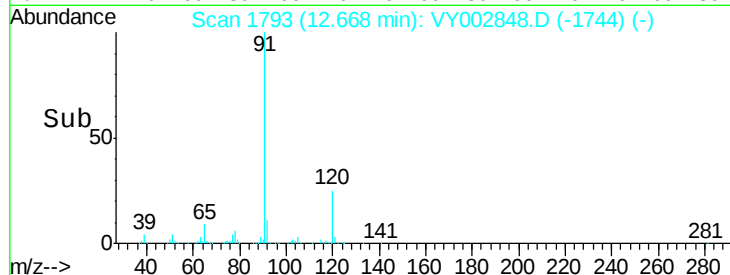
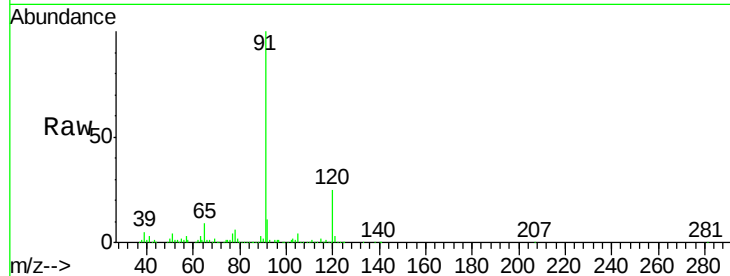
Ion Ratio Lower Upper

91 100

120 24.7 12.3 36.9

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#80

1,3,5-Trimethylbenzene

Concen: 28.548 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002848.D

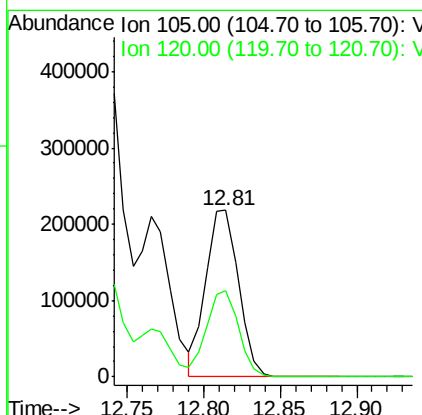
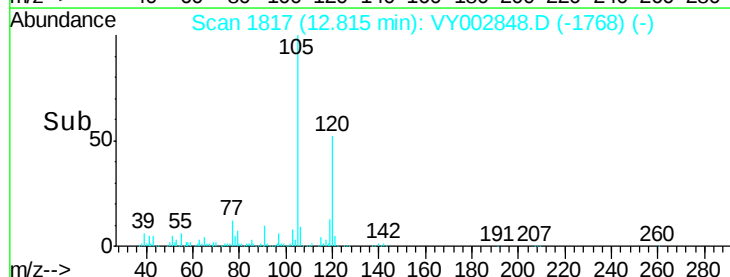
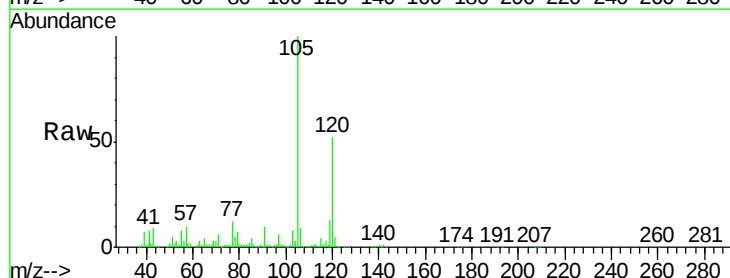
Acq: 05 Jun 2020 15:02

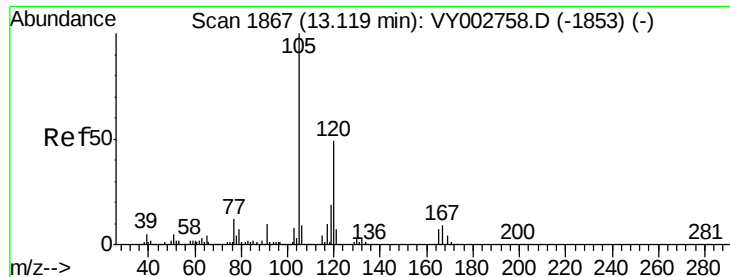
Tgt Ion: 105 Resp: 326280

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.8





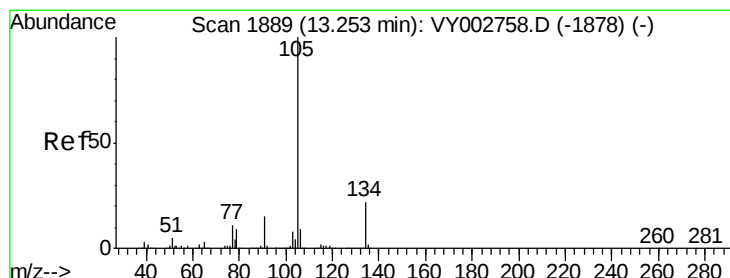
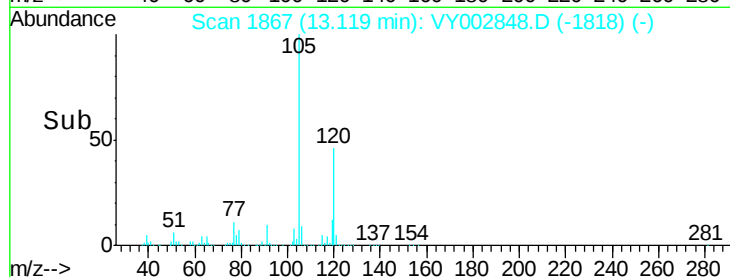
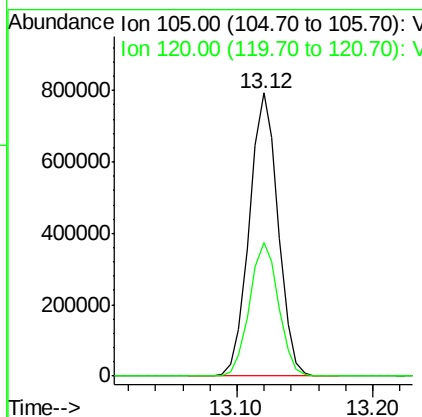
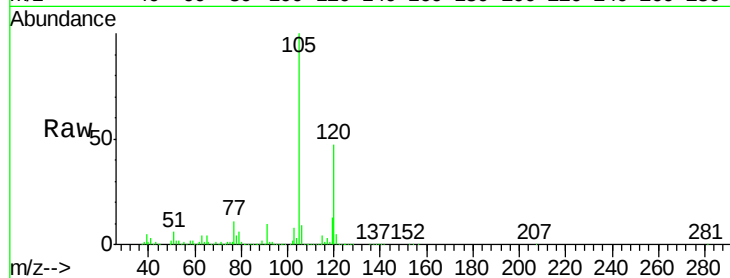
#84
1,2,4-Trimethylbenzene
Concen: 102.307 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
S39-HSVE3-IDW01

Tot Ion:105 Resp: 1175731
Ion Ratio Lower Upper
105 100
120 47.4 23.6 70.8

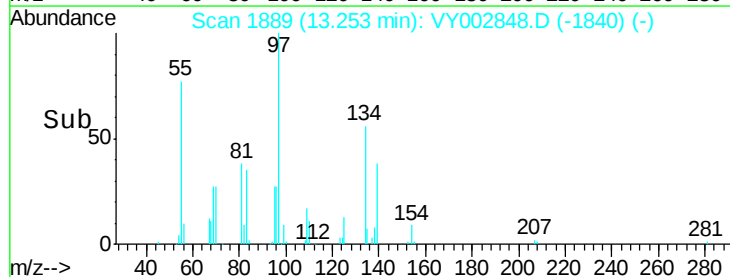
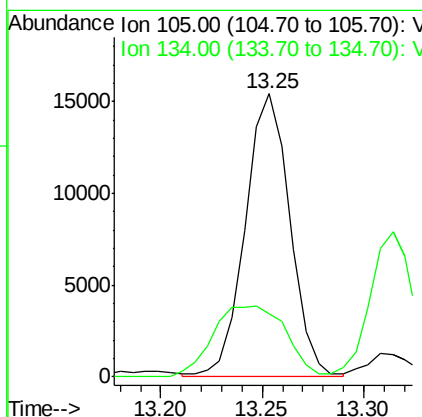
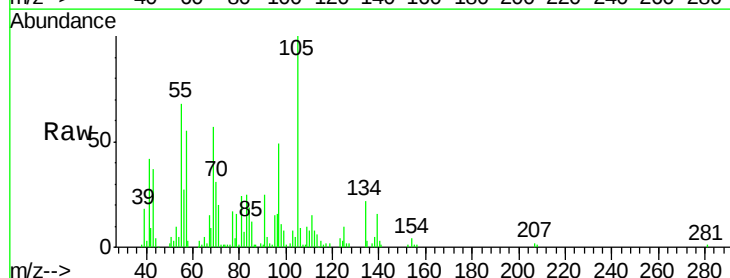
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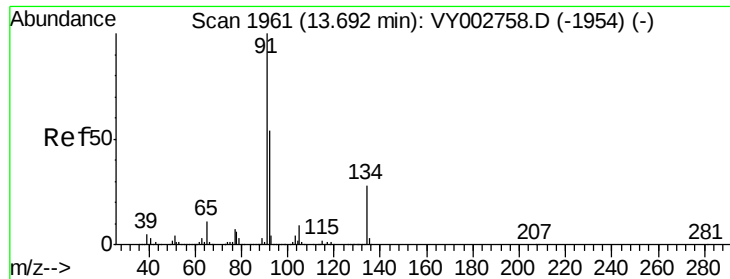
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#85
sec-Butylbenzene
Concen: 1.697 ug/l m
RT: 13.25 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Tgt Ion:105 Resp: 23662
Ion Ratio Lower Upper
105 100
134 0.0 10.8 32.4#





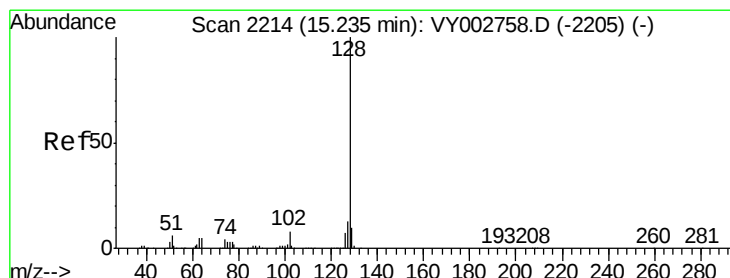
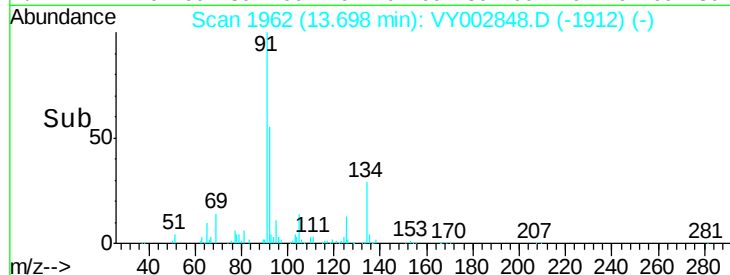
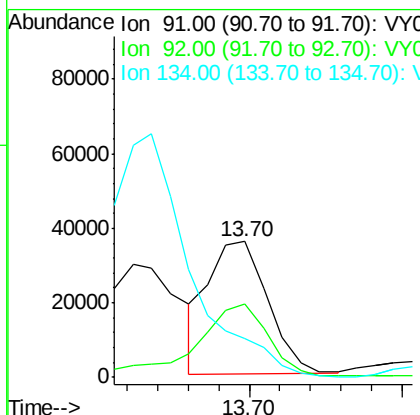
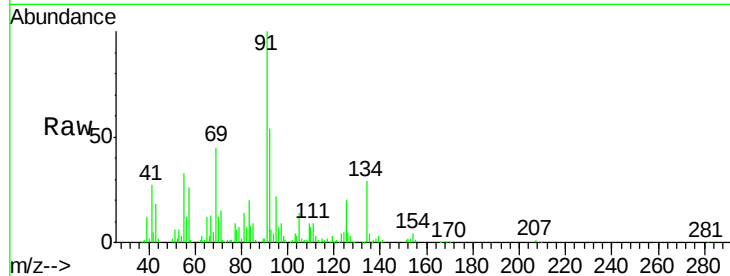
#89
n-Butylbenzene
Concen: 4.045 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
S39-HSVE3-IDW01

Tot Ion	Ratio	Lower	Upper
91	100		
92	66.9	27.1	81.2
134	0.0	14.3	42.9#

Manual Integrations
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#95
Naphthalene
Concen: 13.459 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002848.D
Acq: 05 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	10.7	8.7	13.1

