

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002980.D
 Acq On : 22 Jun 2020 17:45
 Operator : SY/MD
 Sample : L3071-05
 Misc : 12.44G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-C

Manual Integrations
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 6/23/2020 8:13:25 PM

Quant Time: Jun 23 09:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.85	168	164134m	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.75	114	252044m	50.00	ug/l	0.06
63) Chlorobenzene-d5	11.53	117	127160	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.43	152	61976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.38	65	544552m	401.67	ug/l	0.23
Spiked Amount	50.000		Recovery	=	803.34%	
35) Dibromofluoromethane	7.75	113	76589	53.70	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.23	98	1298318m	230.89	ug/l	0.05
Spiked Amount	50.000		Recovery	=	461.78%	
62) 4-Bromofluorobenzene	12.48	95	107882m	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
Target Compounds						
					Qvalue	
16) Acetone	4.04	43	95476268m	284340.826	ug/l	
17) Carbon Disulfide	4.18	76	24338	6.018	ug/l #	90
30) Chloroform	7.61	83	27989793m	11197.916	ug/l	
31) Cyclohexane	7.86	56	18022702m	7741.978	ug/l	
39) Methylcyclohexane	9.30	83	38260723m	14179.616	ug/l	
40) Benzene	8.25	78	8836002	1449.927	ug/l	94
52) Toluene	10.27	92	87913973m	22290.204	ug/l	
67) Ethyl Benzene	11.58	91	53025564m	12771.514	ug/l	
68) m/p-Xylenes	11.70	106	48690937m	30179.651	ug/l	
69) o-Xylene	12.03	106	31833804m	20932.279	ug/l	
73) Isopropylbenzene	12.33	105	26423123m	6956.447	ug/l	
78) n-propylbenzene	12.66	91	29964021m	6799.597	ug/l	
80) 1,3,5-Trimethylbenzene	12.73	105	66772163m	21087.107	ug/l	
83) tert-Butylbenzene	13.09	119	54712m	19.290	ug/l	
84) 1,2,4-Trimethylbenzene	13.11	105	32996499m	10355.775	ug/l	
85) sec-Butylbenzene	13.26	105	5076394	1315.726	ug/l #	42
86) p-Isopropyltoluene	13.38	119	1756692	485.406	ug/l	97
89) n-Butylbenzene	13.70	91	5375363	1643.028	ug/l #	72
95) Naphthalene	15.23	128	7353591	2881.965	ug/l	99

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

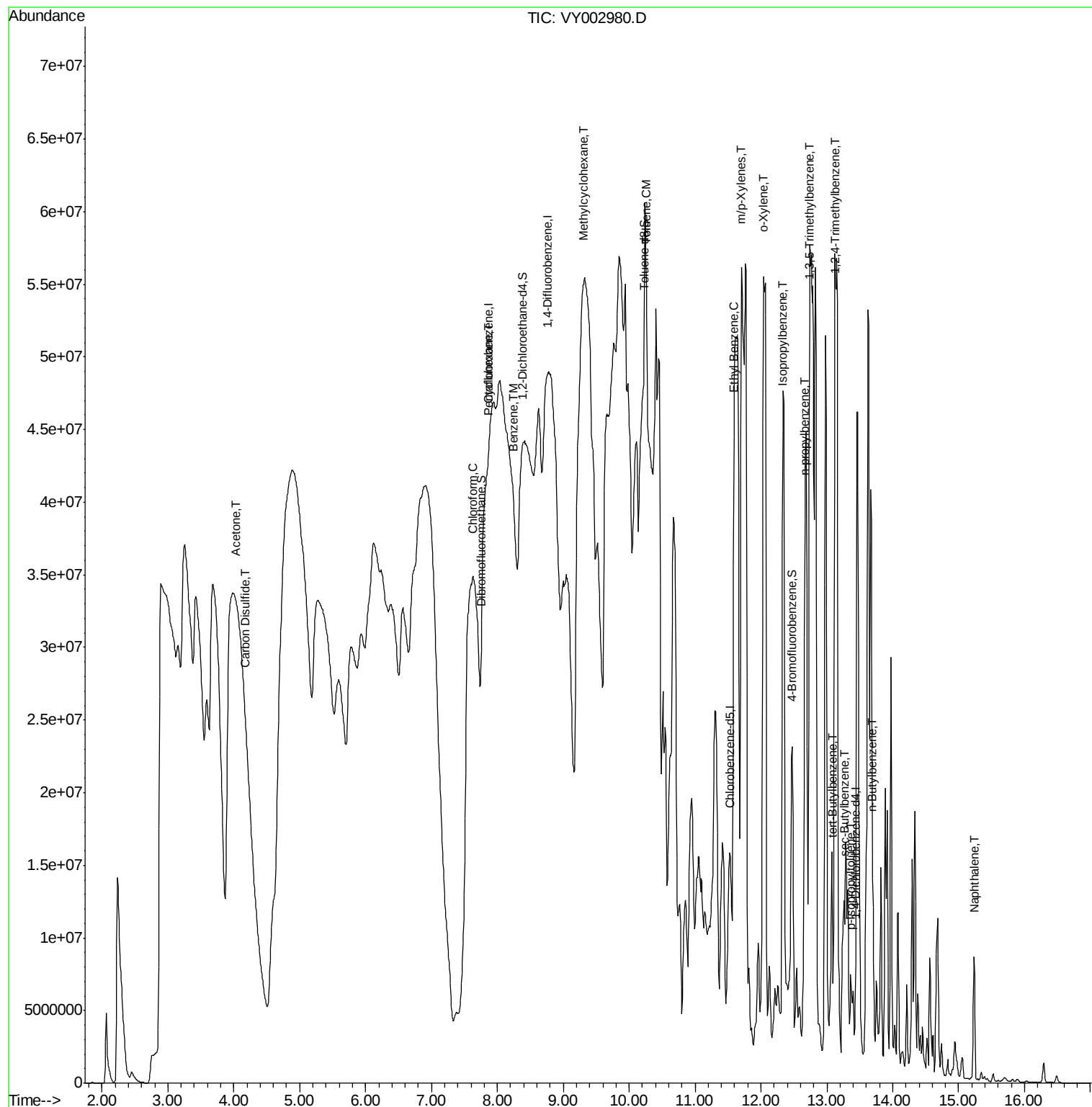
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002980.D
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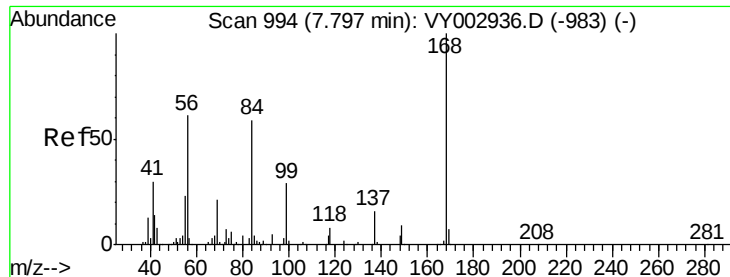
Instrument :
MSVOA_Y
ClientSampleId :
SB-C

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Quant Time: Jun 23 09:31:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 20 06:39:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 7.85 min Scan# 1003

Delta R.T. 0.05 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-C

Tot Ion:168 Resp: 164134

Ion Ratio Lower Upper

168 100

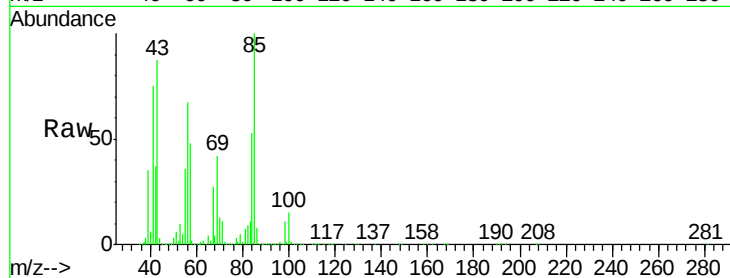
99 499.8 39.5 59.3#

Manual Integrations

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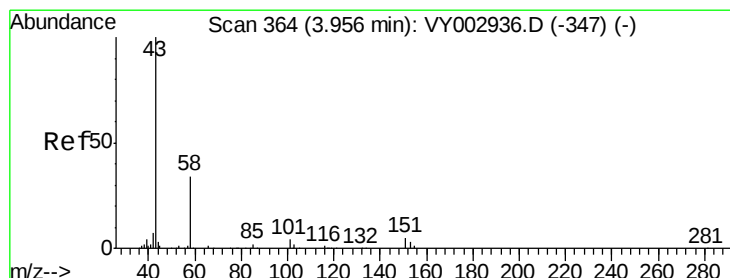
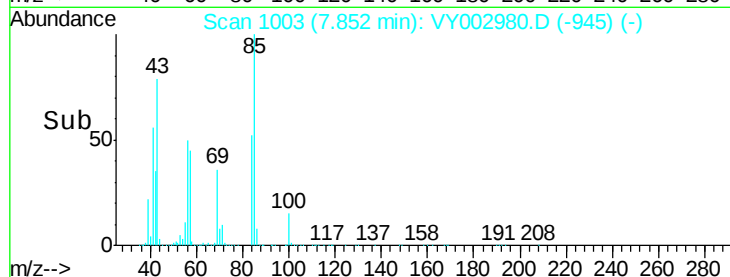
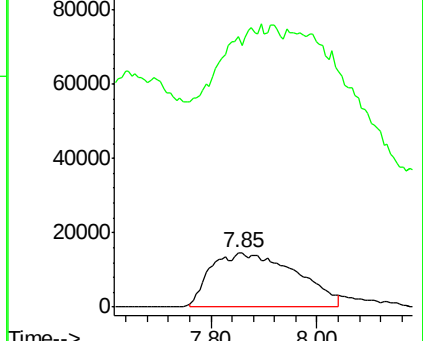
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#16

Acetone

Concen: 284340.826 ug/l m

RT: 4.04 min Scan# 377

Delta R.T. 0.08 min

Lab File: VY002980.D

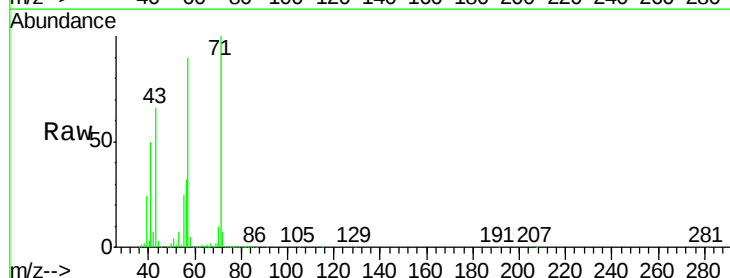
Acq: 22 Jun 2020 17:45

Tgt Ion: 43 Resp:95476268

Ion Ratio Lower Upper

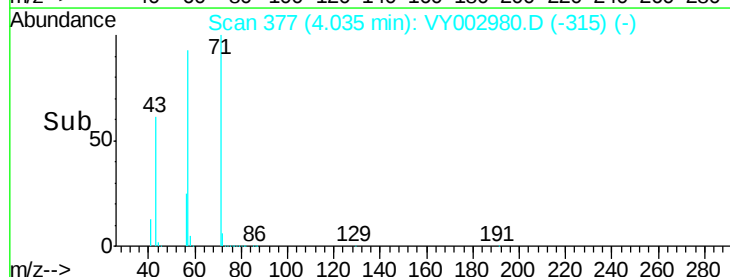
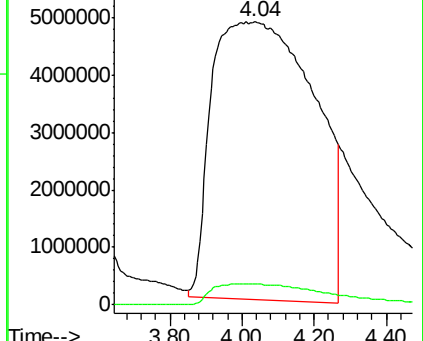
43 100

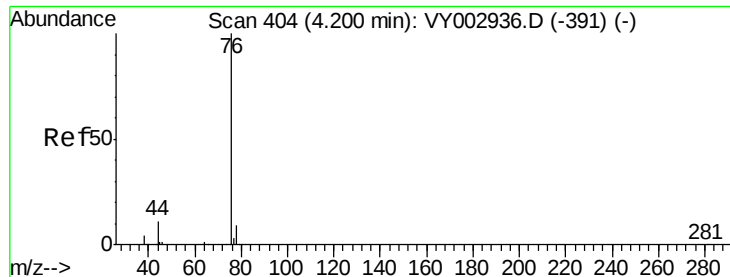
58 7.3 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





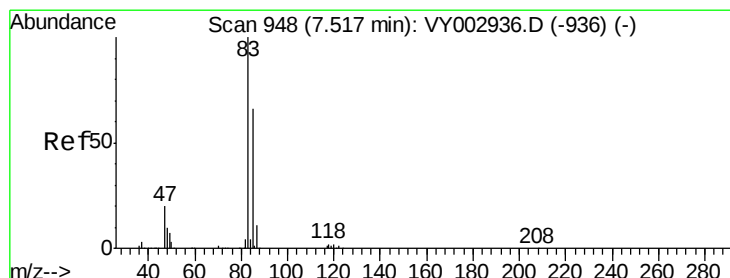
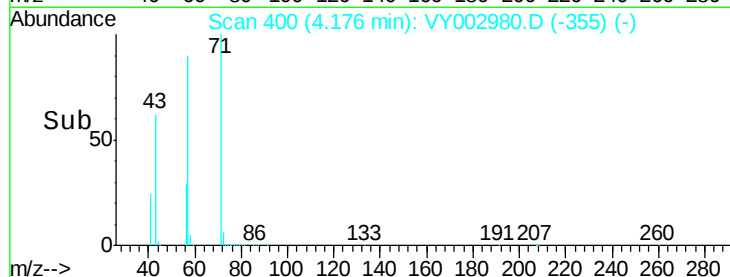
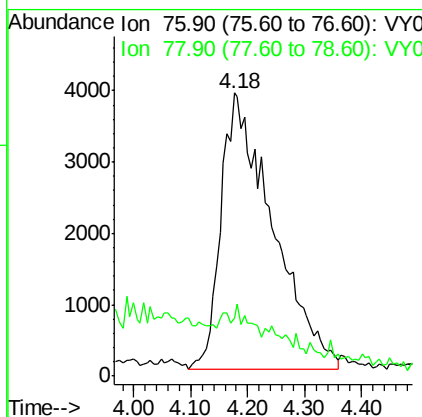
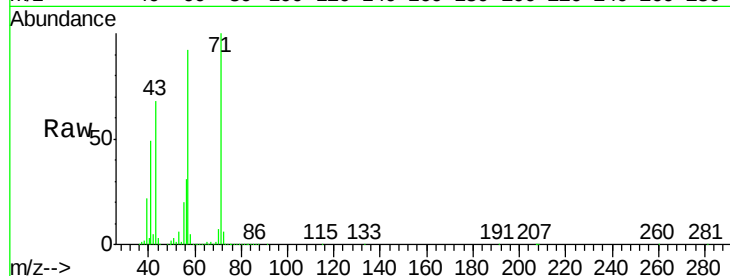
#17
Carbon Disulfide
Concen: 6.018 ug/l
RT: 4.18 min Scan# 400
Delta R.T. -0.02 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-C

Tot Ion: 76 Resp: 24338
Ion Ratio Lower Upper
76 100
78 13.0 7.4 11.2#

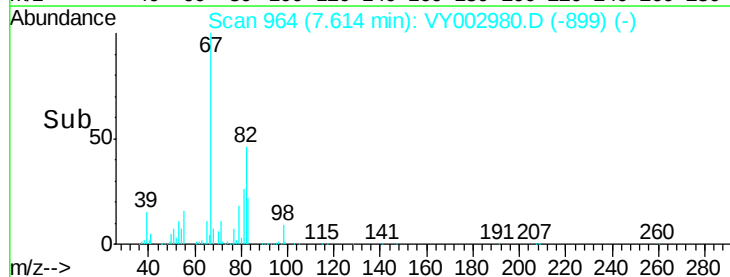
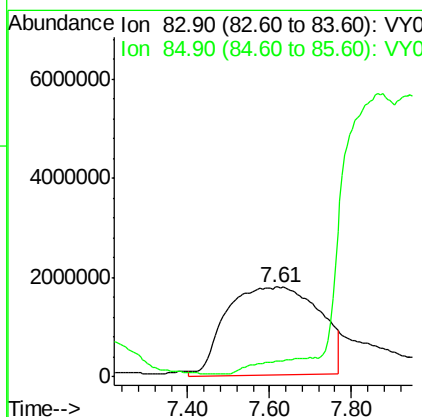
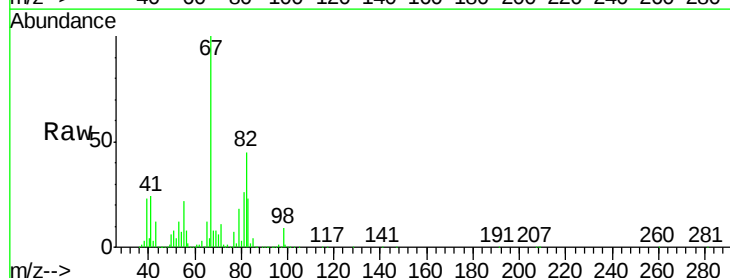
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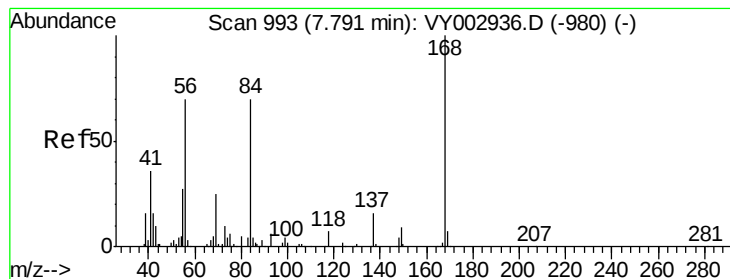
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#30
Chloroform
Concen: 11197.916 ug/l m
RT: 7.61 min Scan# 964
Delta R.T. 0.10 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 83 Resp: 27989793
Ion Ratio Lower Upper
83 100
85 17.1 53.1 79.7#





#31

Cyclohexane

Concen: 7741.978 ug/l m

RT: 7.86 min Scan# 1005

Delta R.T. 0.07 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampled :

SB-C

Tot Ion: 56 Resp:18022702

Ion Ratio Lower Upper

56 100

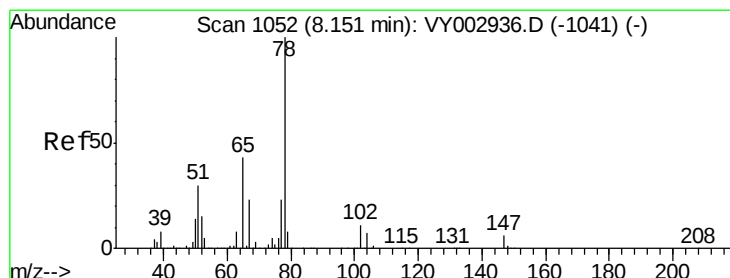
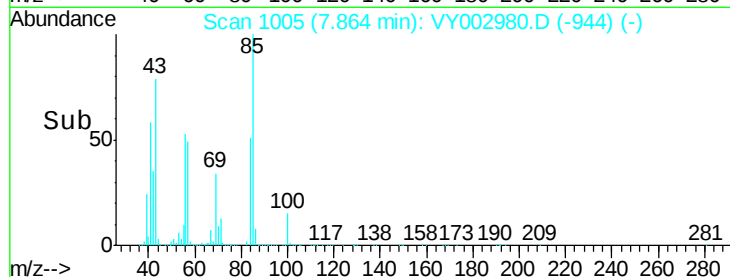
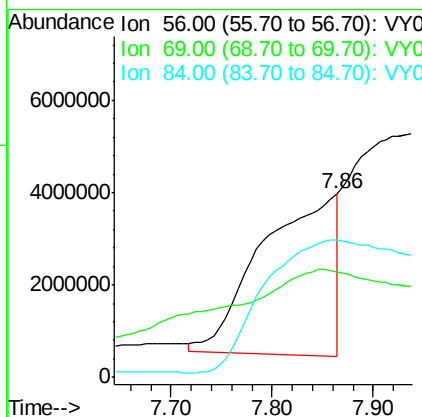
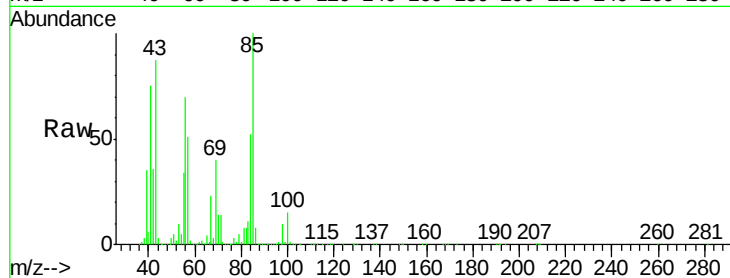
69 57.5 28.9 43.3#

84 74.6 80.1 120.1#

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#33

1,2-Dichloroethane-d4

Concen: 401.669 ug/l m

RT: 8.38 min Scan# 1089

Delta R.T. 0.23 min

Lab File: VY002980.D

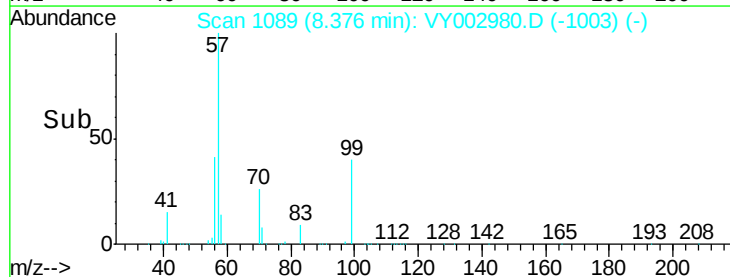
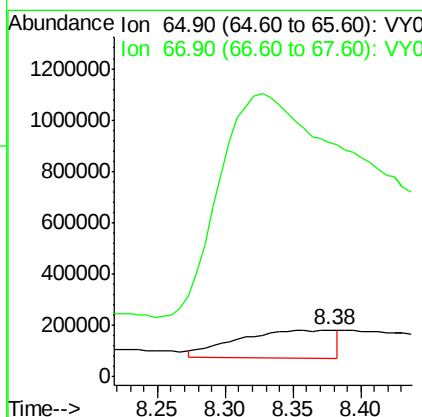
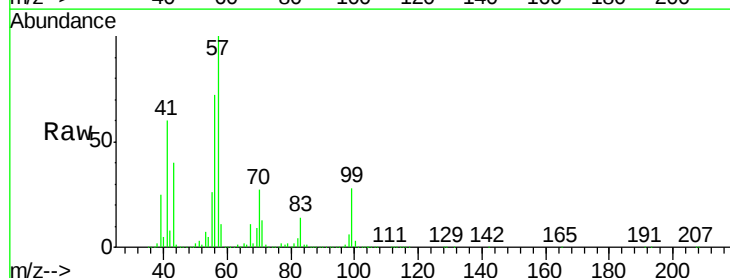
Acq: 22 Jun 2020 17:45

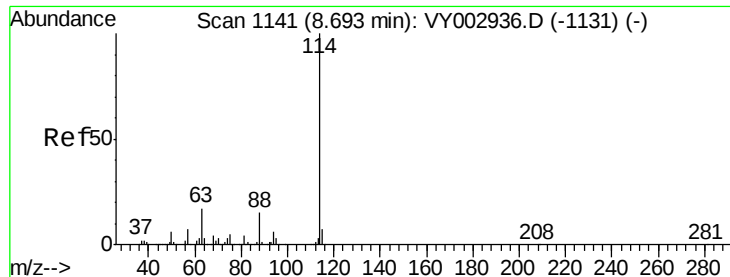
Tgt Ion: 65 Resp: 544552

Ion Ratio Lower Upper

65 100

67 0.0 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l m

RT: 8.75 min Scan# 1151

Delta R.T. 0.06 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

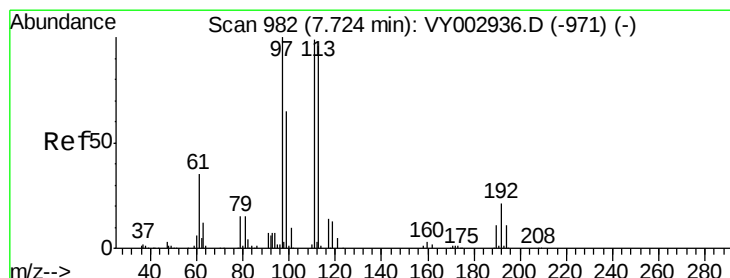
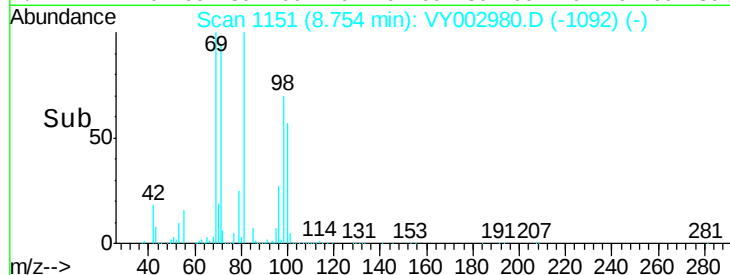
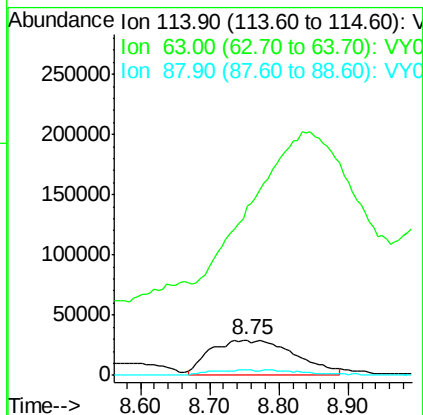
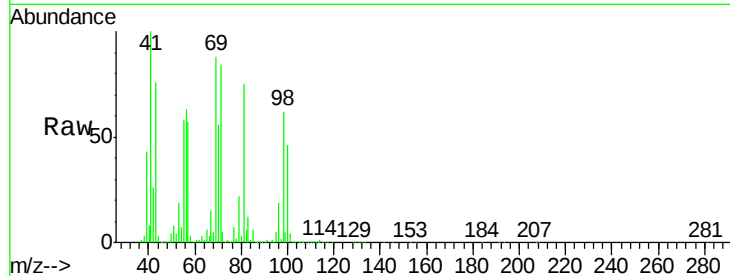
ClientSampled :

SB-C

Tot Ion:	114	Resp:	252044
Ion Ratio	Lower	Upper	
114	100		
63	481.5	0.0	34.6#
88	14.9	0.0	29.2

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#35

Dibromofluoromethane

Concen: 53.704 ug/l

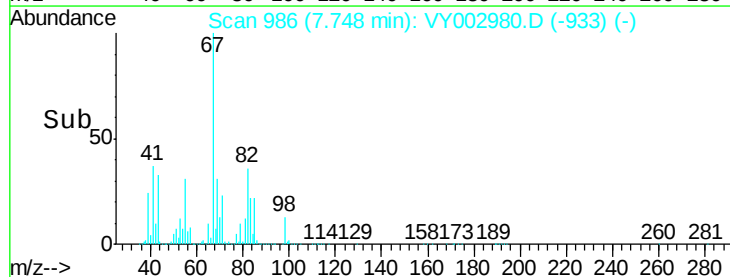
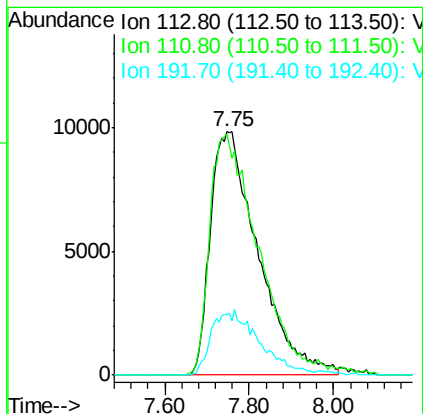
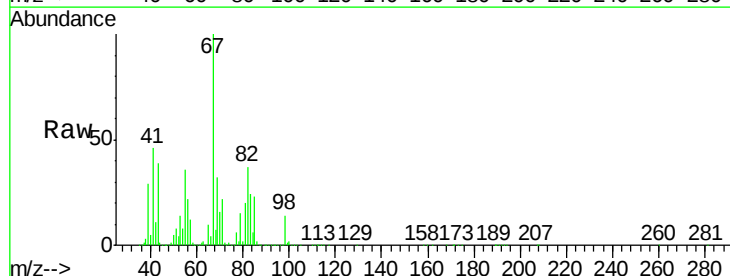
RT: 7.75 min Scan# 986

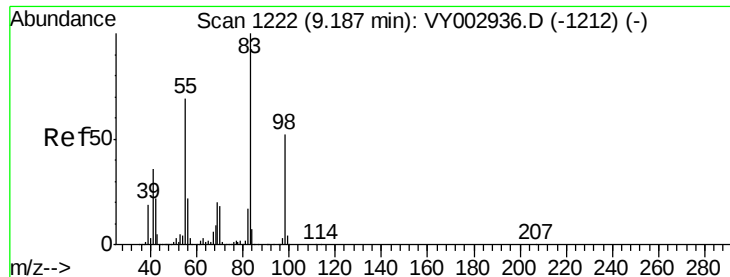
Delta R.T. 0.02 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Tgt Ion:	113	Resp:	76589
Ion Ratio	Lower	Upper	
113	100		
111	99.0	81.5	122.3
192	9.3	19.2	28.8#





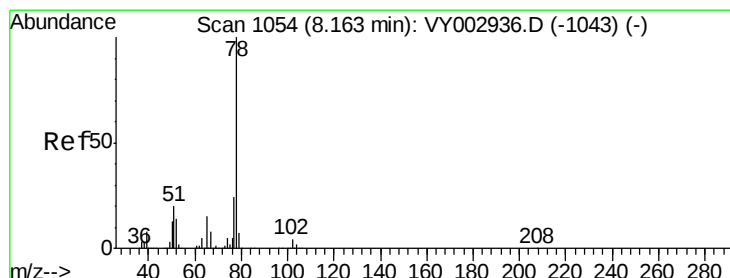
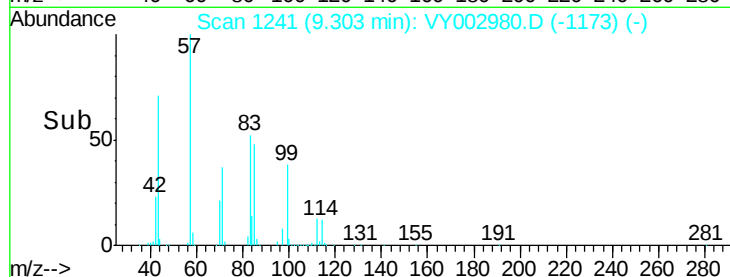
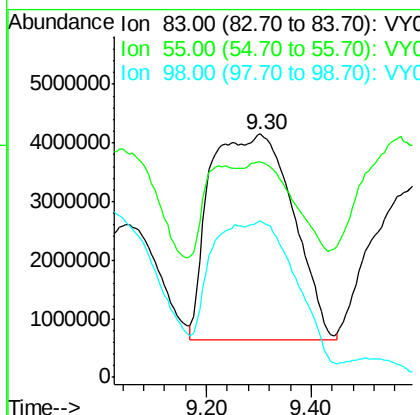
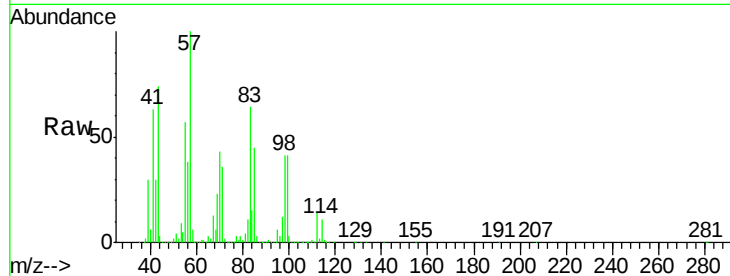
#39
Methvlcvclohexane
Concen: 14179.616 ug/l m
RT: 9.30 min Scan# 1241
Delta R.T. 0.12 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-C

Tot Ion: 83 Resp: 38260723
Ion Ratio Lower Upper
83 100
55 88.6 55.0 82.4#
98 64.1 41.4 62.2#

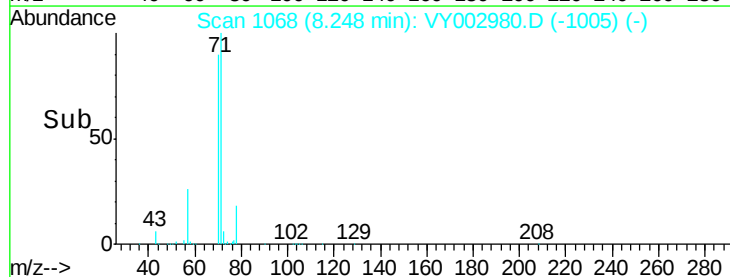
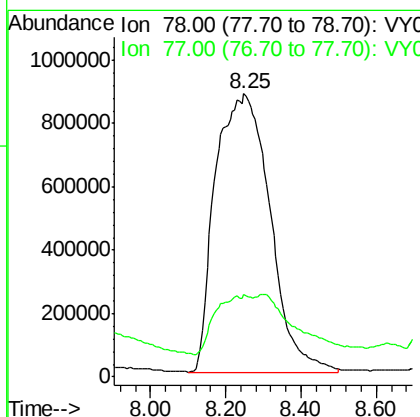
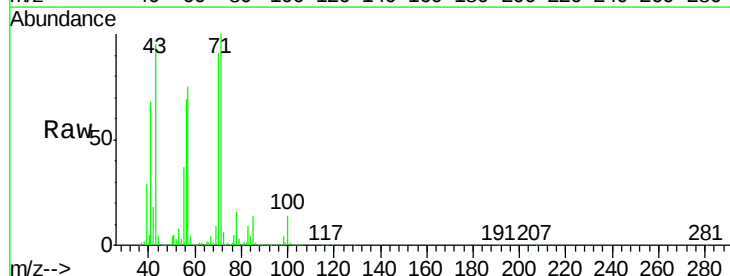
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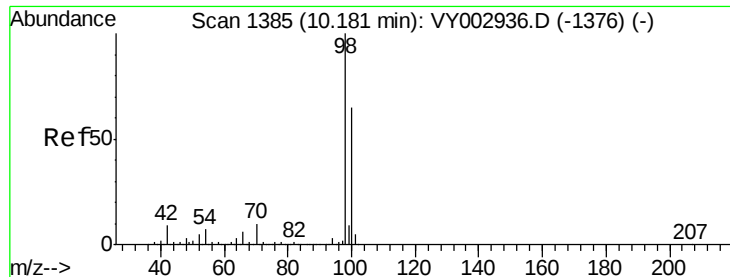
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#40
Benzene
Concen: 1449.927 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.09 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 78 Resp: 8836002
Ion Ratio Lower Upper
78 100
77 21.2 19.3 28.9





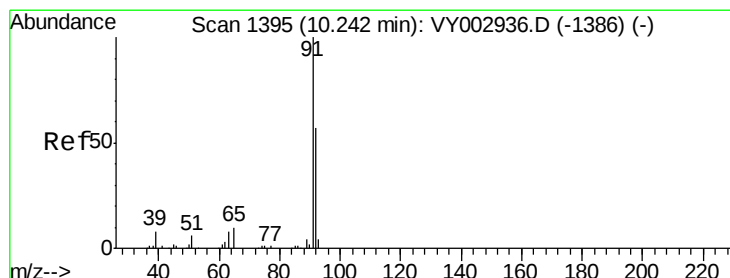
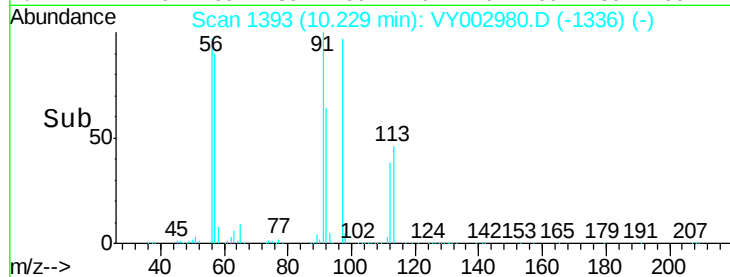
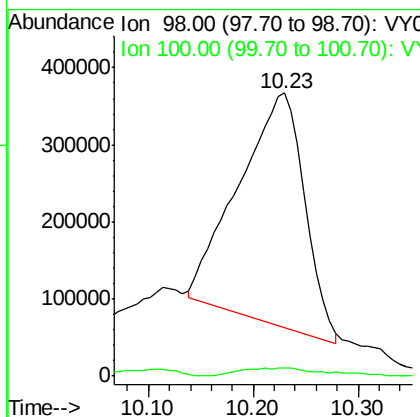
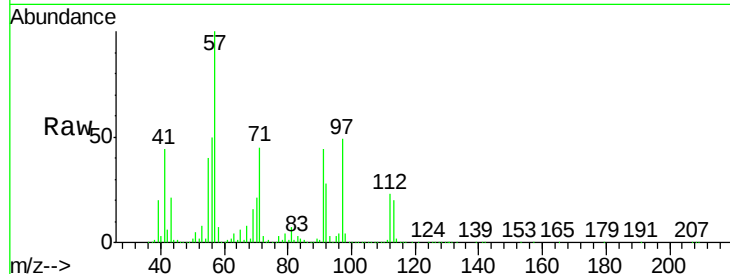
#50
Toluene-d8
Concen: 230.890 ug/l m
RT: 10.23 min Scan# 1393
Delta R.T. 0.05 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-C

Tot Ion: 98 Resp: 1298318
Ion Ratio Lower Upper
98 100
100 4.8 51.9 77.9#

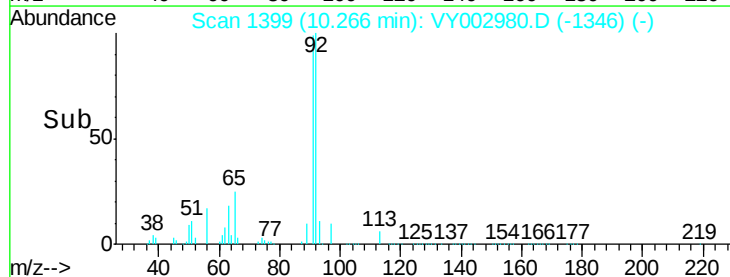
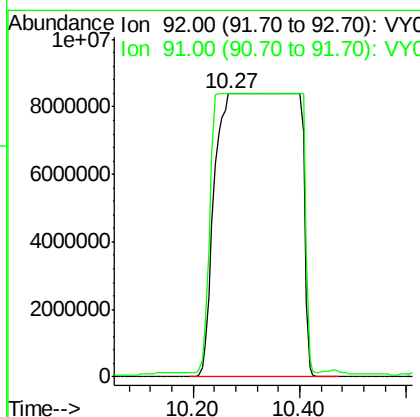
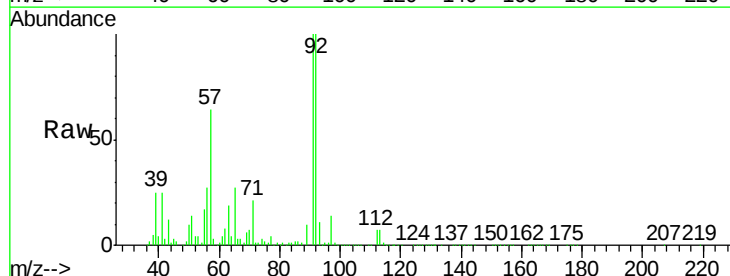
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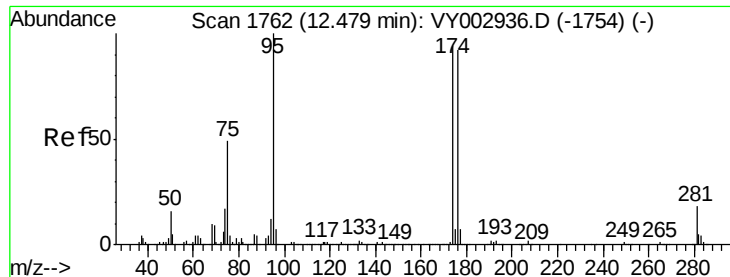
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#52
Toluene
Concen: 22290.204 ug/l m
RT: 10.27 min Scan# 1399
Delta R.T. 0.02 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion: 92 Resp: 87913973
Ion Ratio Lower Upper
92 100
91 0.0 139.3 208.9#





#62

4-Bromofluorobenzene

Concen: 55.309 ug/l m

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

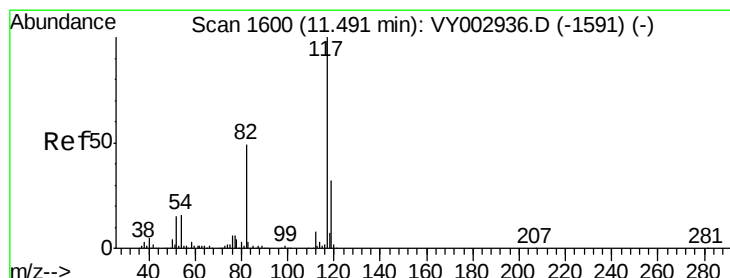
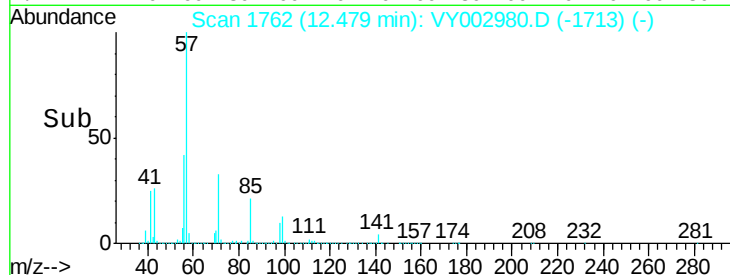
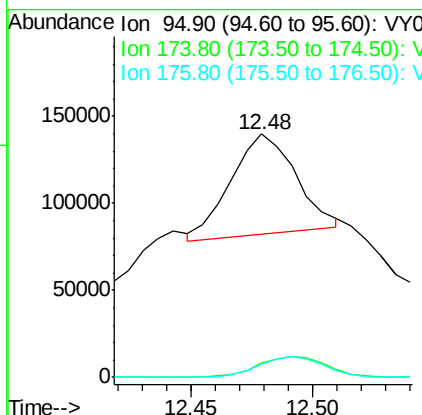
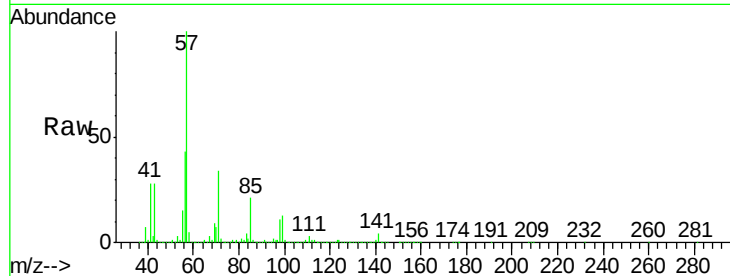
ClientSampleId :

SB-C

Tot Ion:	95	Resp:	107882
Ion	Ratio	Lower	Upper
95	100		
174	21.8	0.0	191.2
176	20.8	0.0	186.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

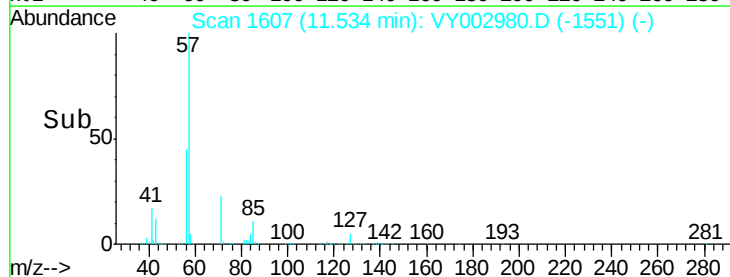
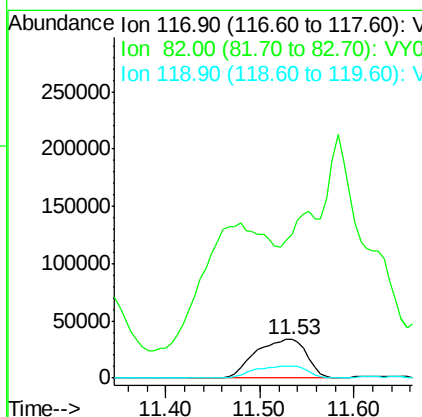
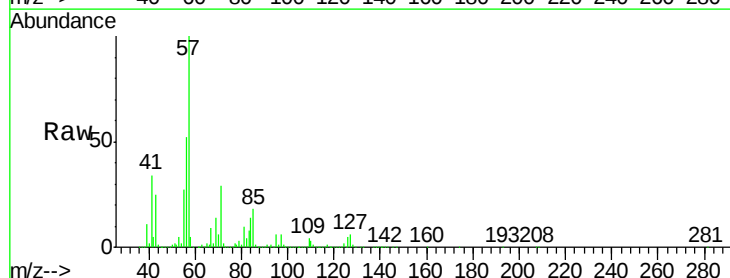
RT: 11.53 min Scan# 1607

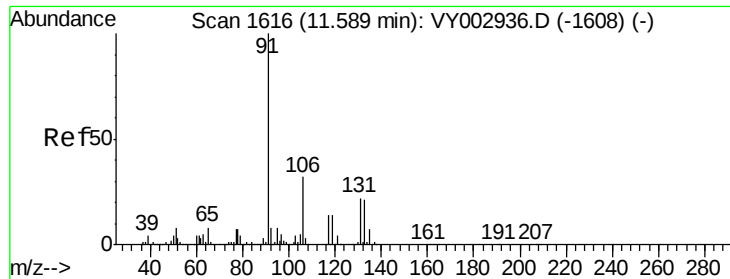
Delta R.T. 0.04 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Tgt Ion:	117	Resp:	127160
Ion	Ratio	Lower	Upper
117	100		
82	199.9	39.4	59.0#
119	31.3	25.4	38.0





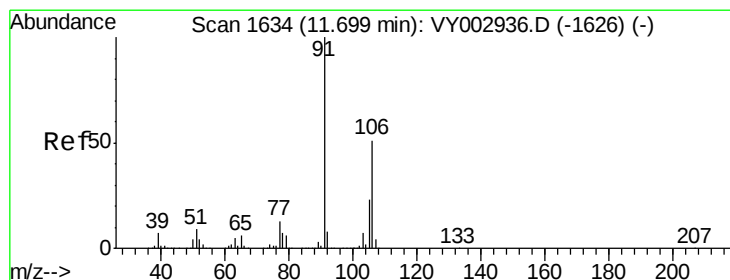
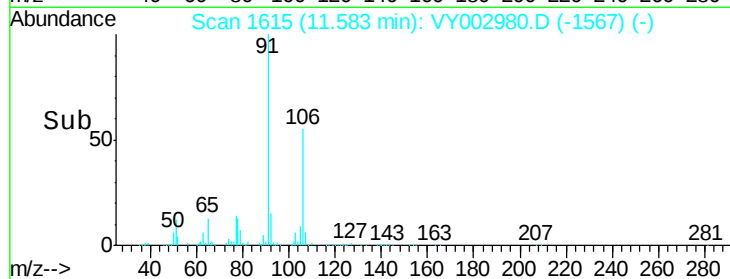
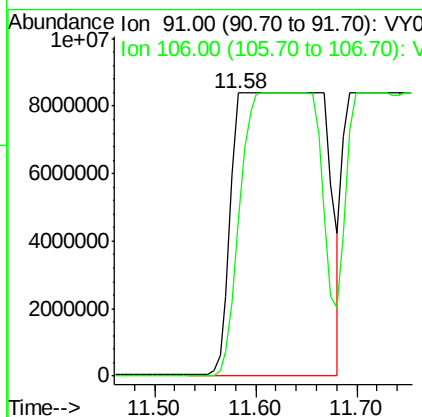
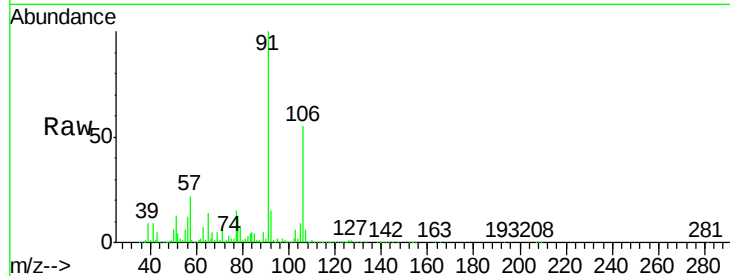
#67
Ethyl Benzene
Concen: 12771.514 ug/l m
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Instrument :
MSVOA_Y
ClientSampled :
SB-C

Tot Ion: 91 Resp:53025564
Ion Ratio Lower Upper
91 100
106 55.3 25.8 38.8#

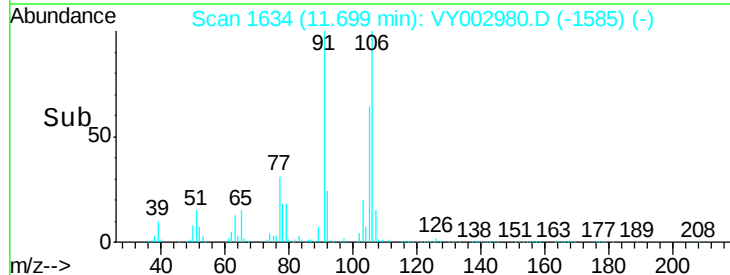
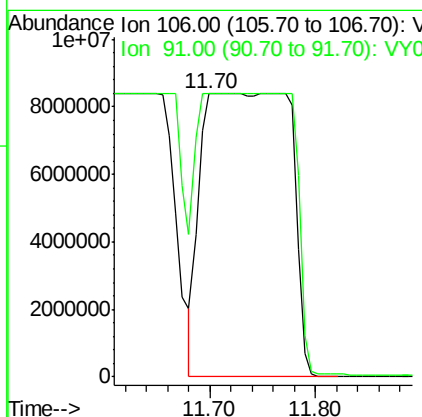
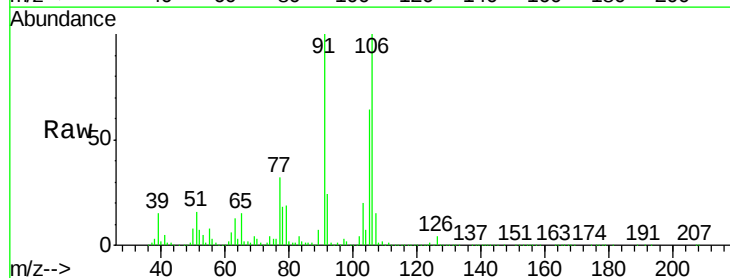
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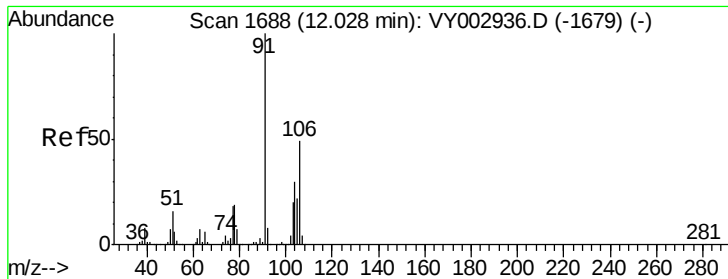
MMDadoda
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#68
m/p-Xylenes
Concen: 30179.651 ug/l m
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion:106 Resp:48690937
Ion Ratio Lower Upper
106 100
91 3.7 155.9 233.9#





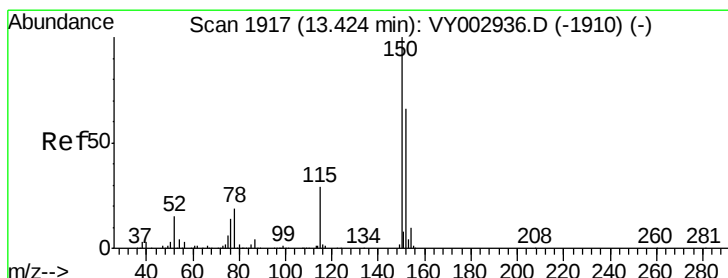
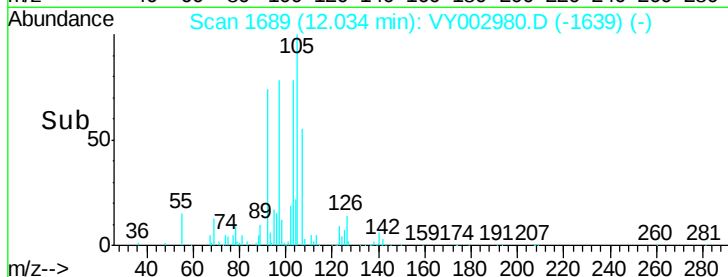
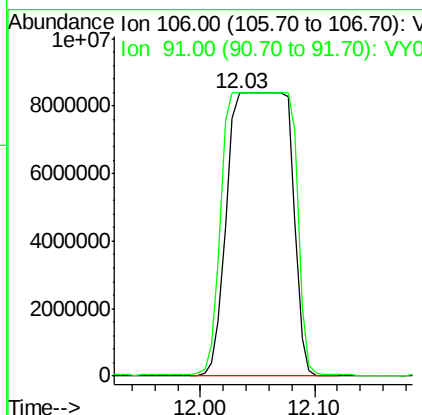
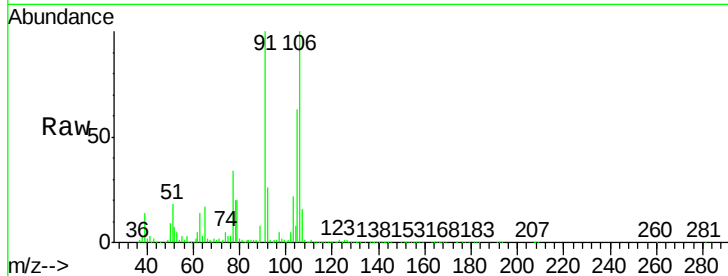
#69
o-Xylene
Concen: 20932.279 ug/l m
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-C

Tot Ion:106 Resp:31833804
Ion Ratio Lower Upper
106 100
91 0.0 102.1 306.1#

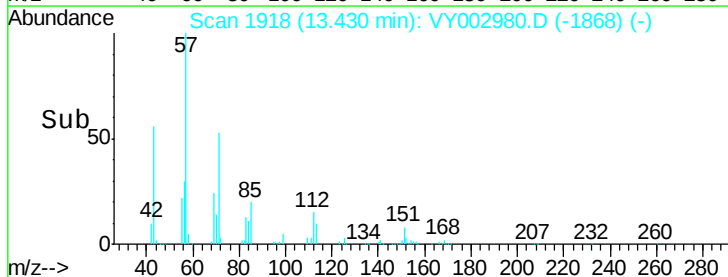
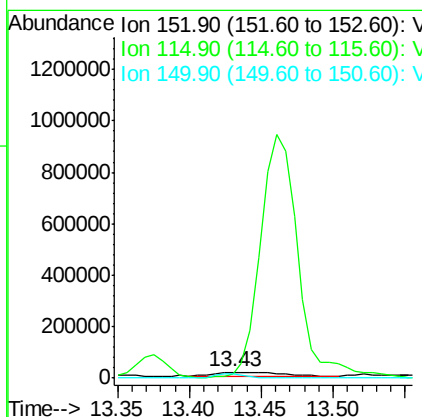
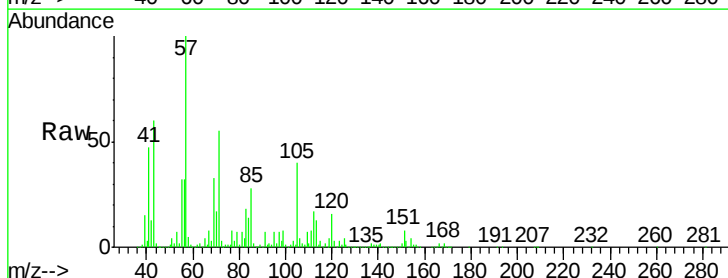
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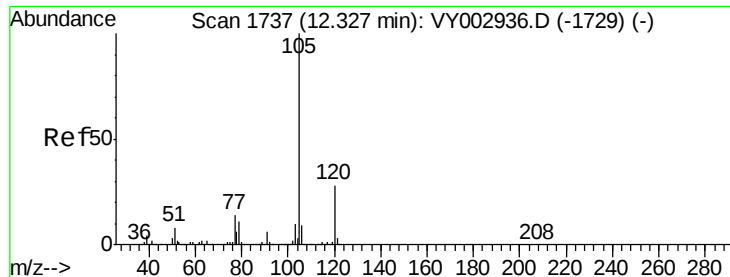
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Tgt Ion:152 Resp: 61976
Ion Ratio Lower Upper
152 100
115 0.0 26.9 80.6#
150 41.4 0.0 341.8





#73

Isopropylbenzene

Concen: 6956.447 ug/l m

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002980.D

Acq: 22 Jun 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-C

Tot Ion:105 Resp:26423123

Ion Ratio Lower Upper

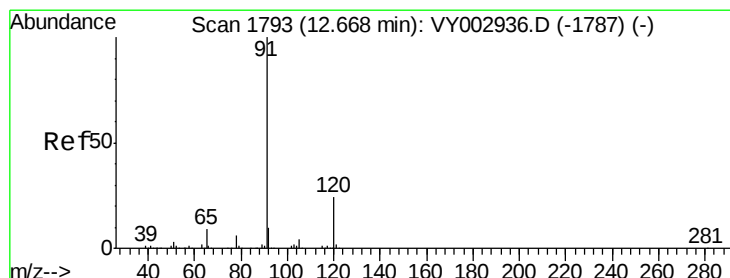
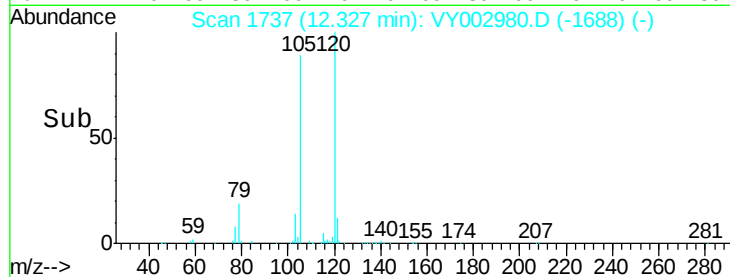
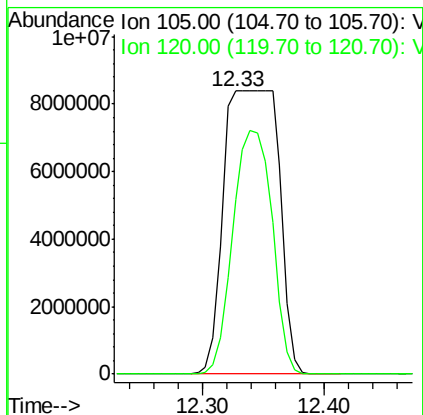
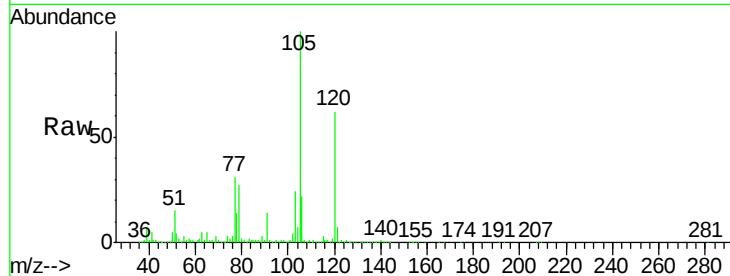
105 100

120 0.0 14.0 41.9#

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#78

n-propylbenzene

Concen: 6799.597 ug/l m

RT: 12.66 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VY002980.D

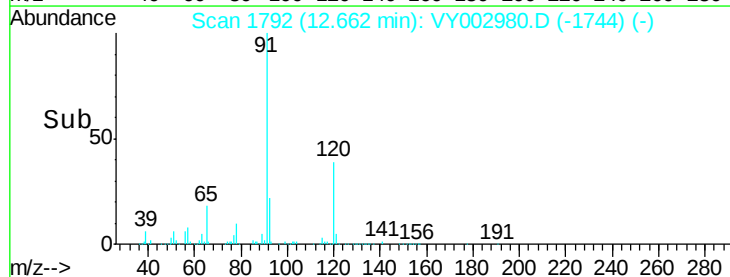
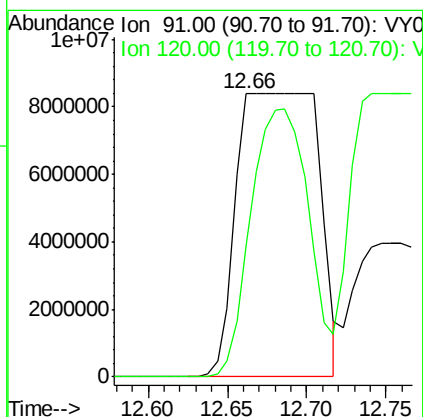
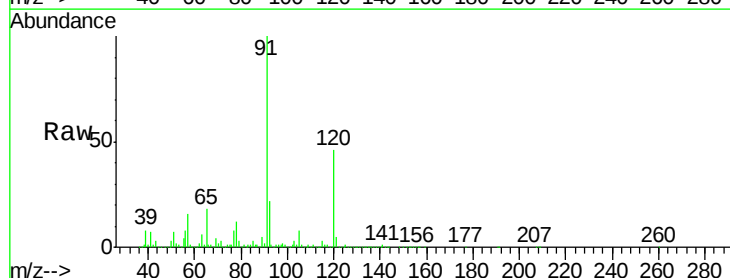
Acq: 22 Jun 2020 17:45

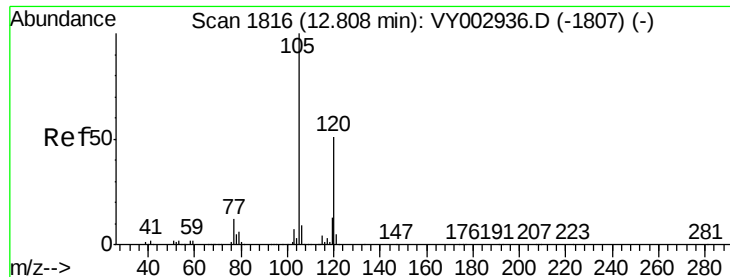
Tgt Ion: 91 Resp:29964021

Ion Ratio Lower Upper

91 100

120 12.4 12.3 36.9





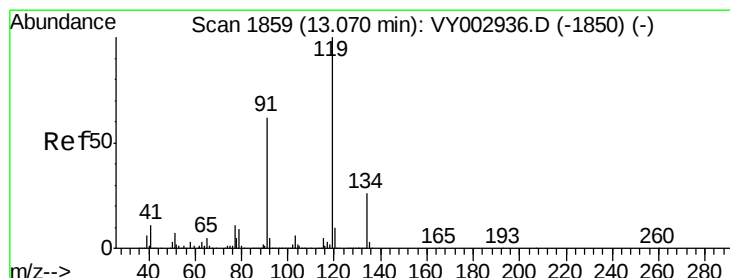
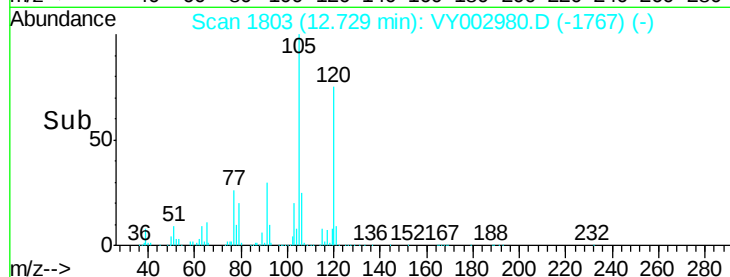
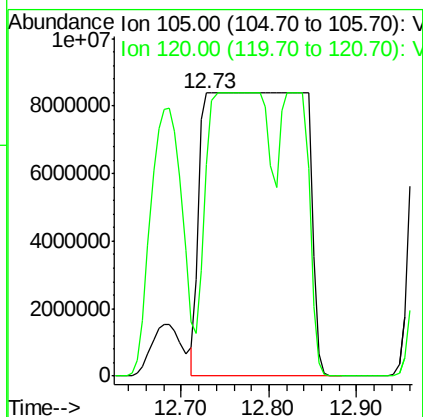
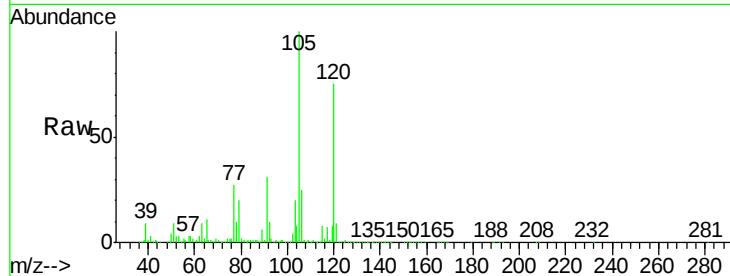
#80
 1,3,5-Trimethylbenzene
 Concen: 21087.107 ug/l m
 RT: 12.73 min Scan# 1803
 Delta R.T. -0.08 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-C

Tot Ion:105 Resp:66772163
 Ion Ratio Lower Upper
 105 100
 120 5.5 25.6 76.6#

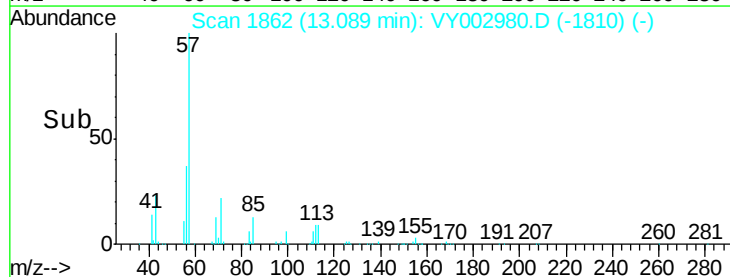
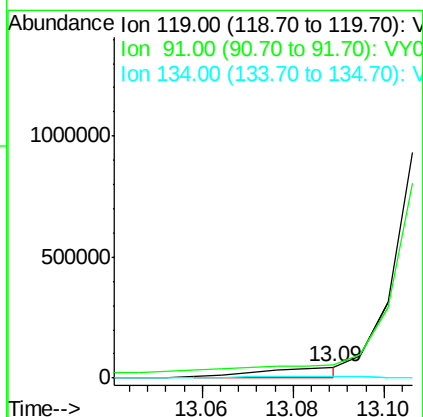
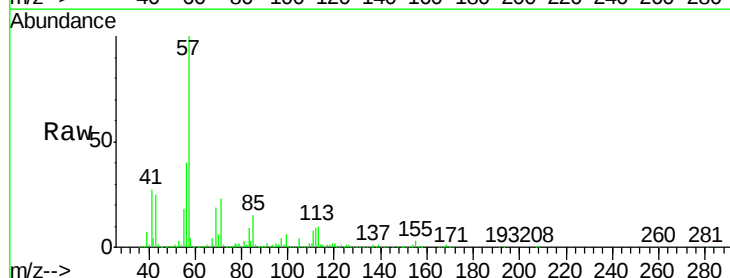
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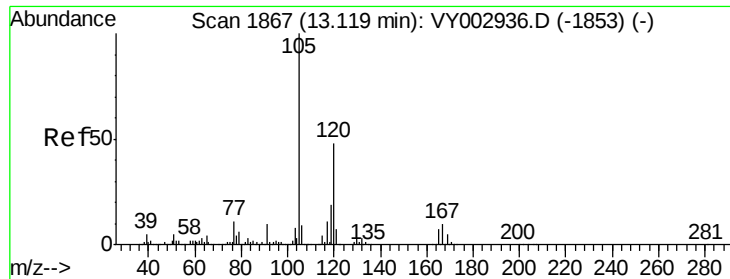
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#83
 tert-Butylbenzene
 Concen: 19.290 ug/l m
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.02 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Tgt Ion:119 Resp: 54712
 Ion Ratio Lower Upper
 119 100
 91 0.0 29.9 89.7#
 134 0.0 13.3 39.8#





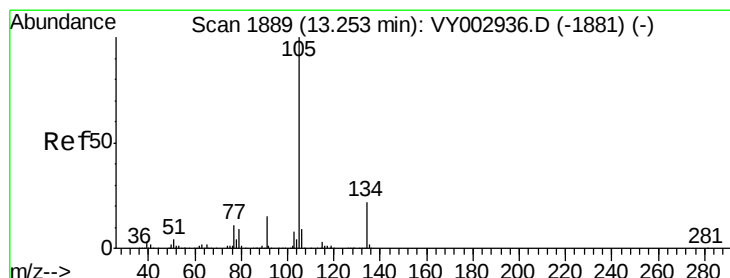
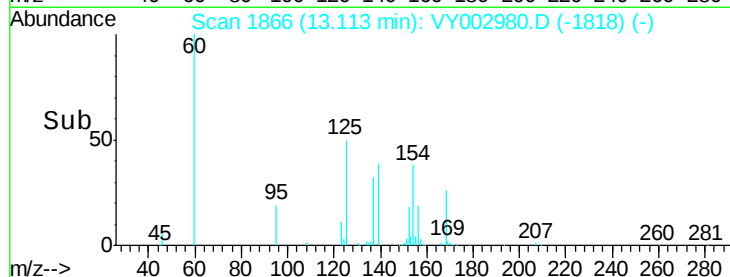
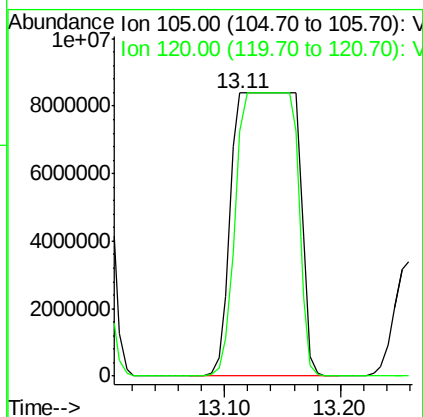
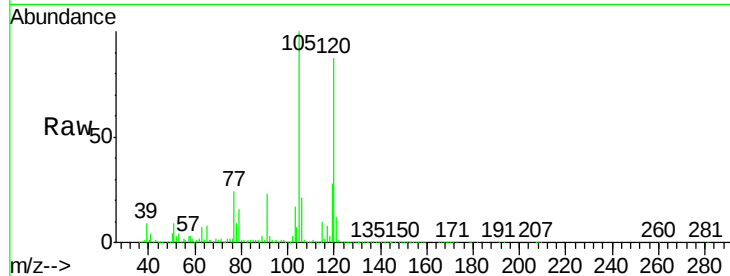
#84
 1,2,4-Trimethylbenzene
 Concen: 10355.775 ug/l m
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-C

Tot Ion:105 Resp:32996499
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.5 70.5#

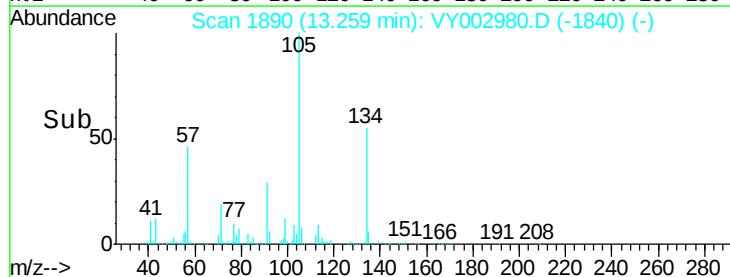
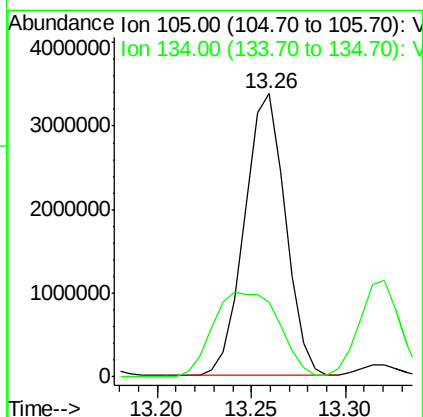
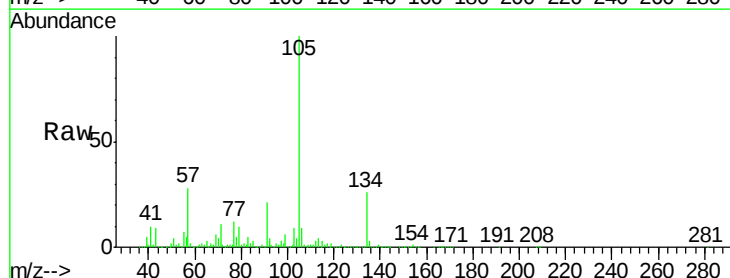
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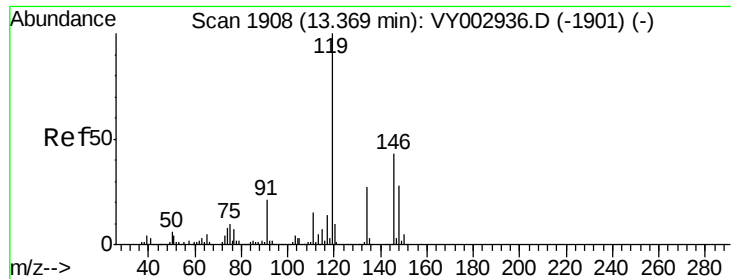
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#85
 sec-Butylbenzene
 Concen: 1315.726 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Tgt Ion:105 Resp: 5076394
 Ion Ratio Lower Upper
 105 100
 134 48.8 10.8 32.4#





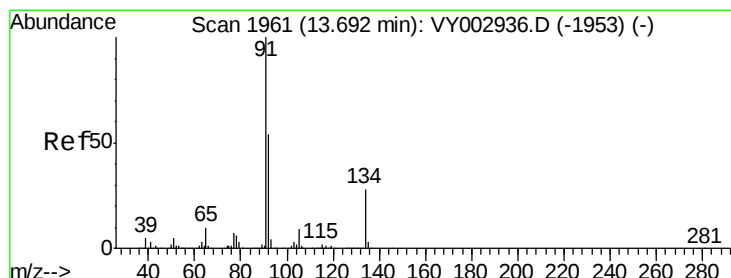
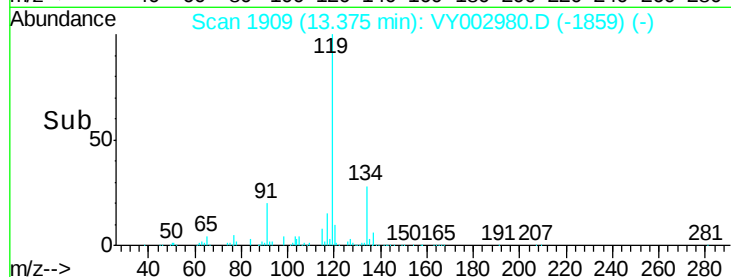
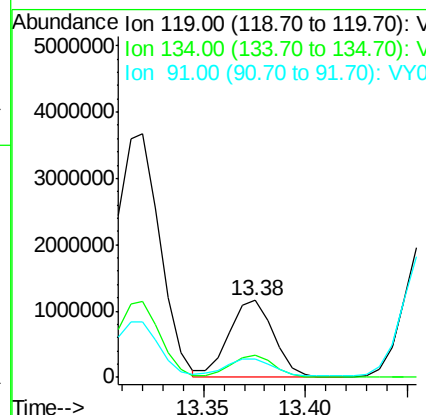
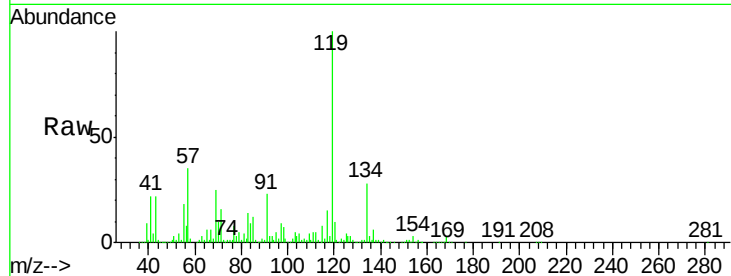
#86
 p-Isopropyltoluene
 Concen: 485.406 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-C

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.6	40.8
91	24.0	10.8	32.4

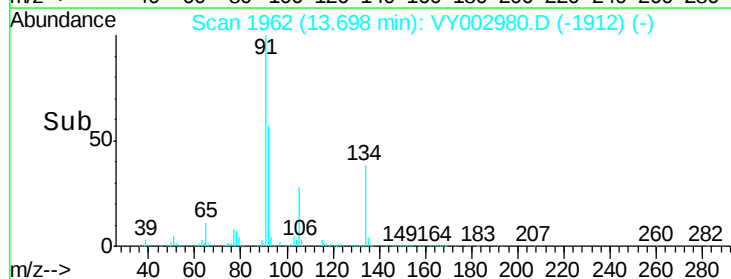
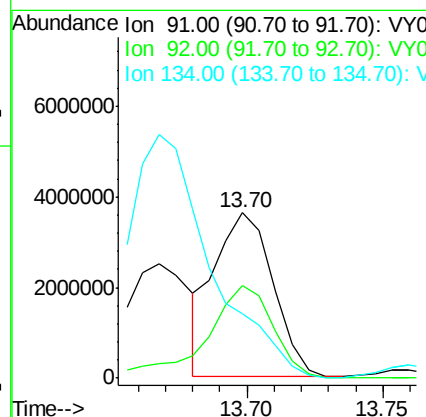
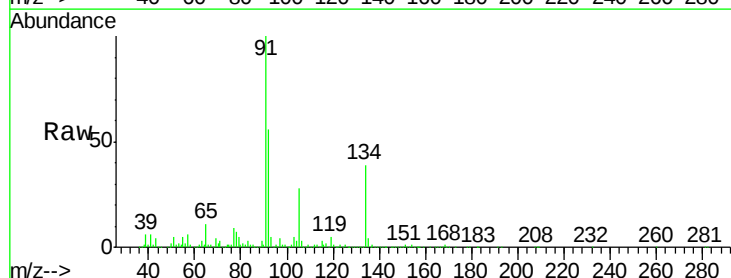
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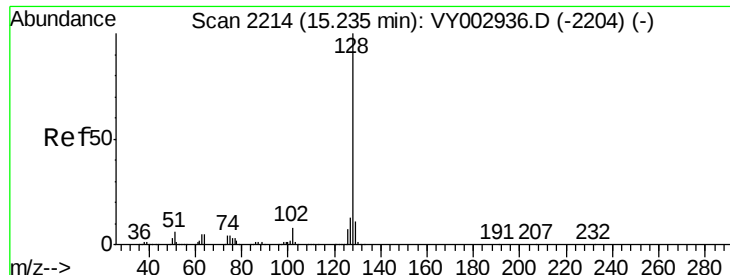
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#89
 n-Butylbenzene
 Concen: 1643.028 ug/l
 RT: 13.70 min Scan# 1962
 Delta R.T. 0.01 min
 Lab File: VY002980.D
 Acq: 22 Jun 2020 17:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	64.1	27.0	80.8
134	0.0	14.5	43.5





#95
Naphthalene
Concen: 2881.965 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002980.D
Acq: 22 Jun 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-C

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.4	8.7	13.1

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