

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002983.D
 Acq On : 22 Jun 2020 18:57
 Operator : SY/MD
 Sample : L3082-02
 Misc : 4.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 8:13:29 PM

Quant Time: Jun 23 09:44:22 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	7.80	168	306664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	464048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	440678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	235438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136985	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	7.72	113	139421	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.18	98	528297	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.48	95	196775	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
Target Compounds						
						Qvalue
16) Acetone	3.95	43	8537	13.608	ug/l #	55
39) Methylcyclohexane	9.19	83	19989m	4.024	ug/l	
52) Toluene	10.24	92	317067	43.664	ug/l	98
67) Ethyl Benzene	11.59	91	419251	29.138	ug/l	98
68) m/p-Xylenes	11.70	106	738705	132.119	ug/l	97
69) o-Xylene	12.03	106	298055	56.553	ug/l	100
73) Isopropylbenzene	12.33	105	246408	17.077	ug/l	100
78) n-propylbenzene	12.67	91	534607	31.935	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	573098	47.643	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	2065913	170.677	ug/l	98
85) sec-Butylbenzene	13.25	105	40116m	2.737	ug/l	
86) p-Isopropyltoluene	13.37	119	17212m	1.252	ug/l	
89) n-Butylbenzene	13.69	91	78924	6.350	ug/l #	75
95) Naphthalene	15.23	128	498012	51.378	ug/l	100

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

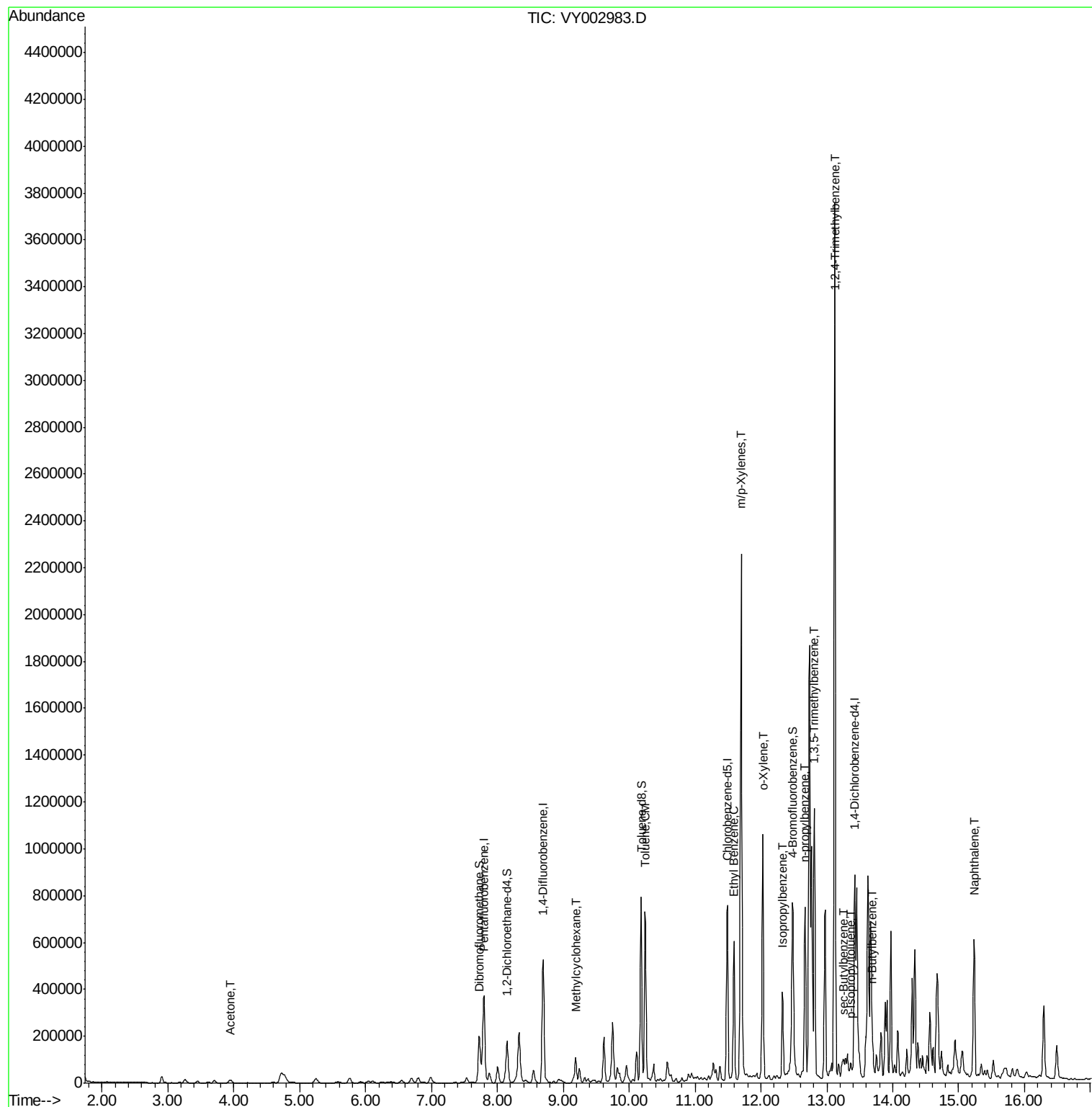
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002983.D
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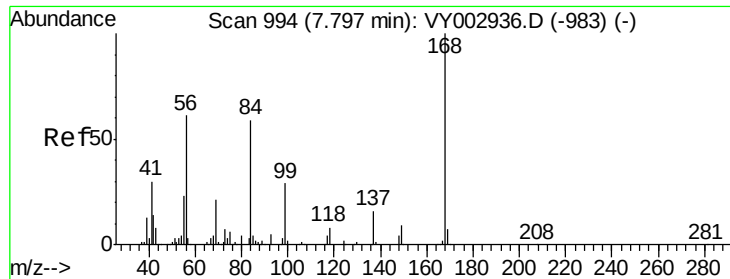
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

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Quant Time: Jun 23 09:44:22 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

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampled :

SB-2

Tot Ion:168 Resp: 306664

Ion Ratio Lower Upper

168 100

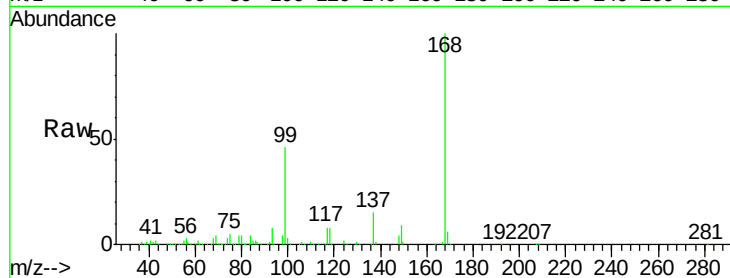
99 46.4 39.5 59.3

Manual Integrations

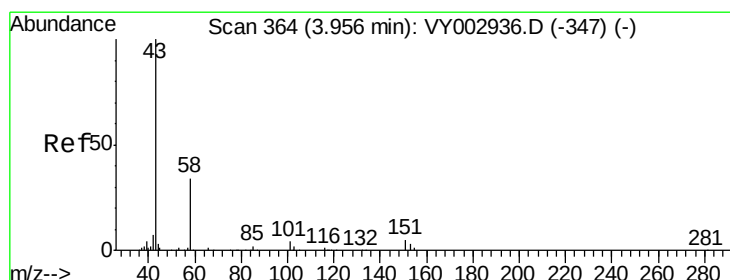
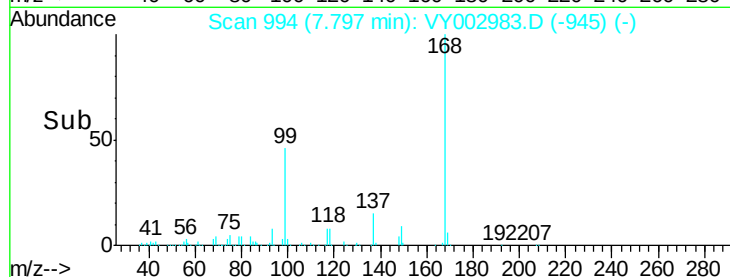
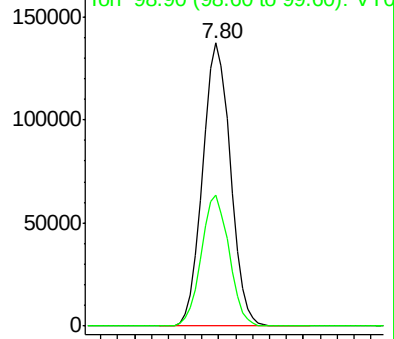
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Abundance Ion 167.90 (167.60 to 168.60): VY002983.D (-945) (-)



#16

Acetone

Concen: 13.608 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002983.D

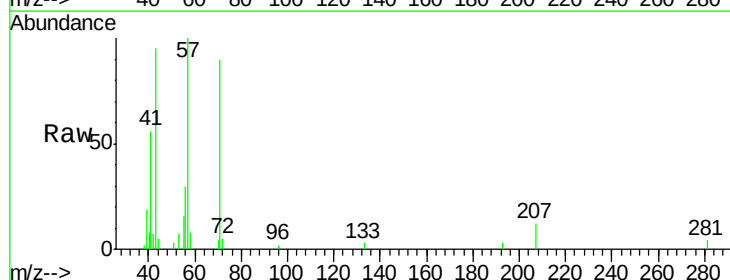
Acq: 22 Jun 2020 18:57

Tgt Ion: 43 Resp: 8537

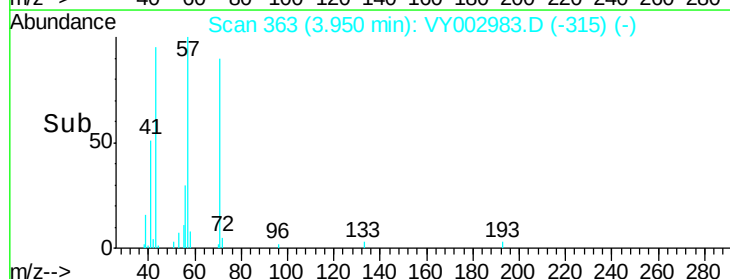
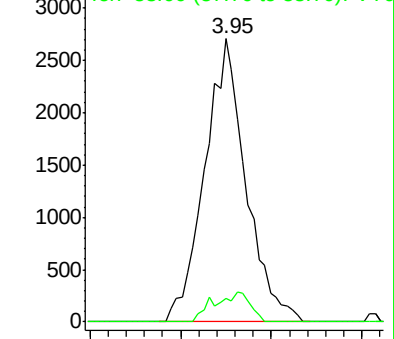
Ion Ratio Lower Upper

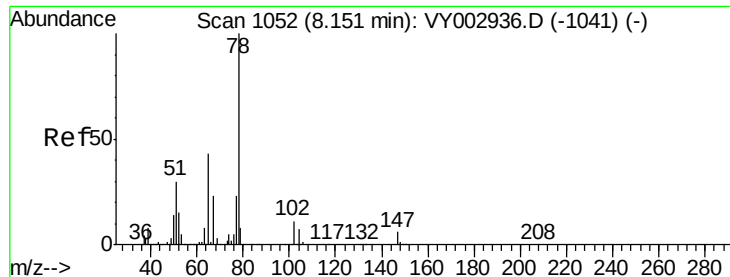
43 100

58 8.4 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY002983.D (-315) (-)





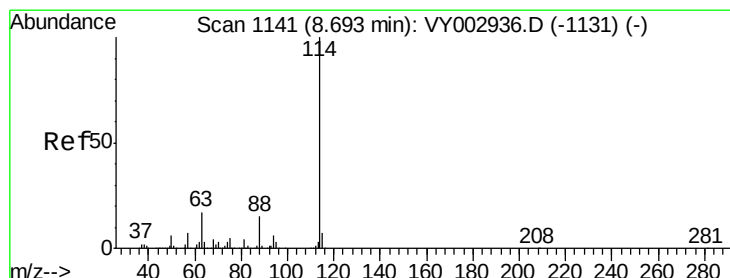
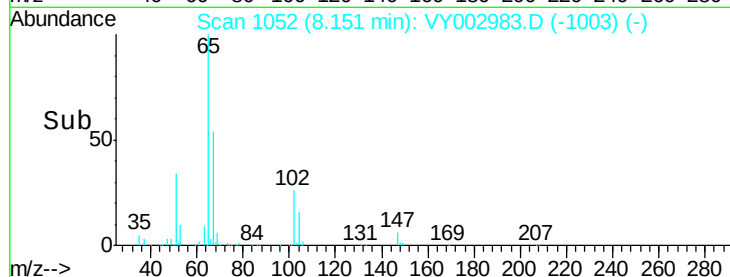
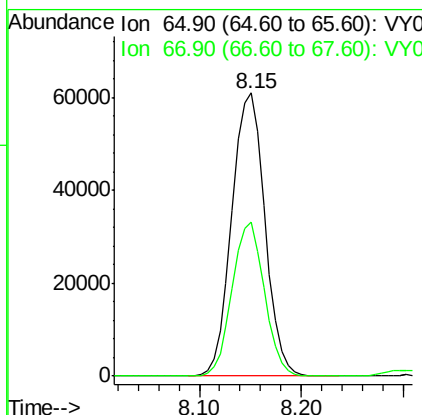
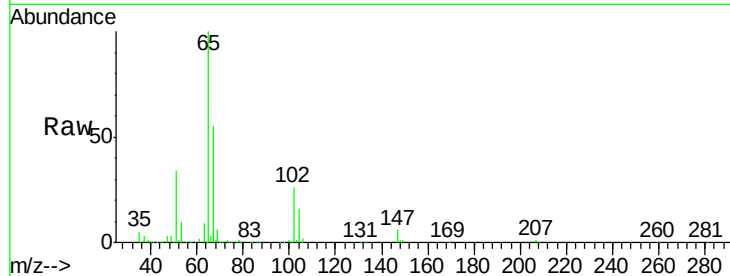
#33
 1,2-Dichloroethane-d4
 Concen: 54.080 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002983.D
 Acq: 22 Jun 2020 18:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	109.4	

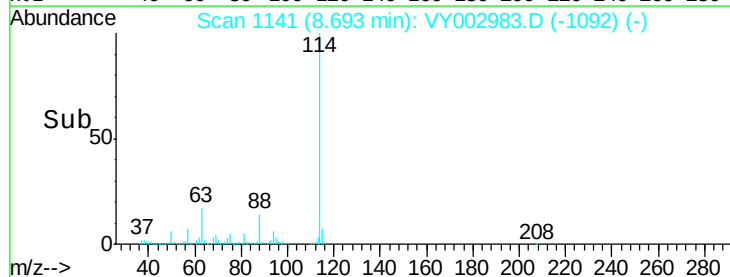
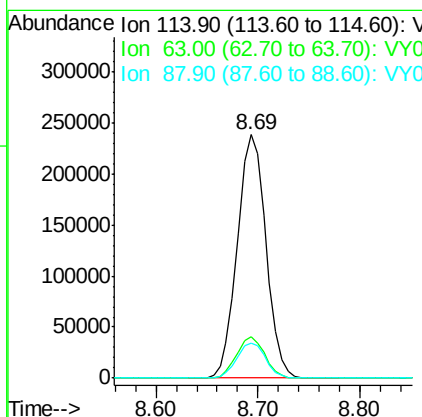
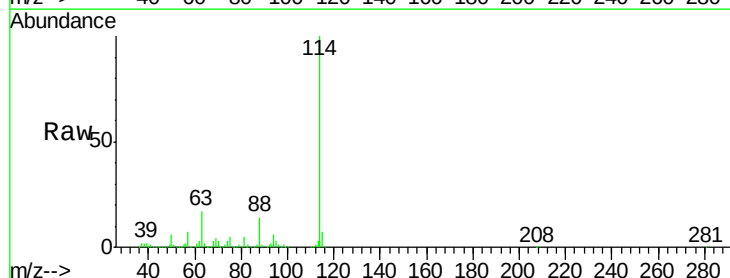
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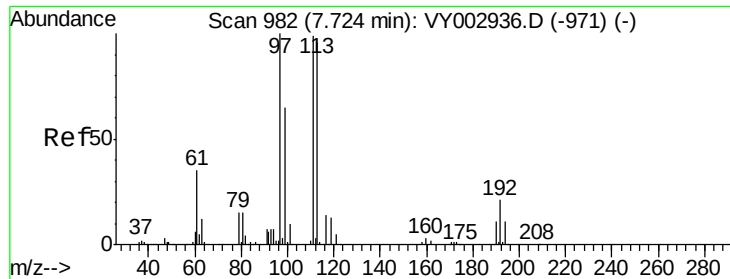
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002983.D
 Acq: 22 Jun 2020 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.7	0.0	34.6	
88	14.4	0.0	29.2	





#35

Dibromofluoromethane

Concen: 53.099 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

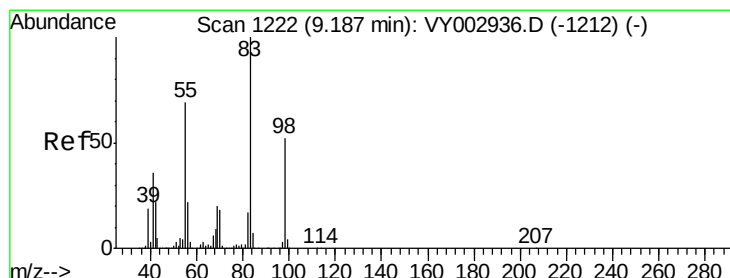
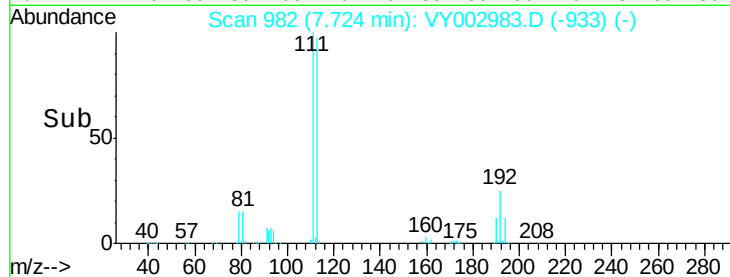
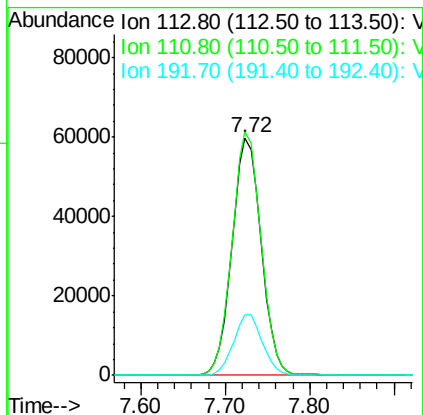
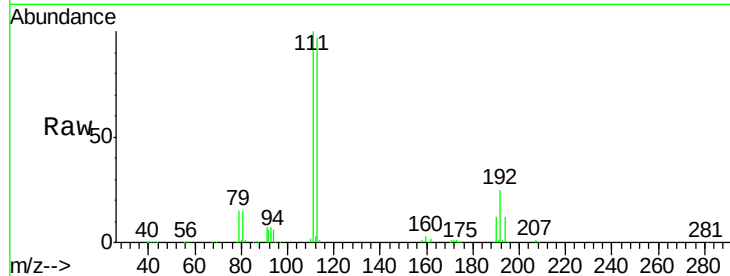
ClientSampleId :

SB-2

Tot Ion:	113	Resp:	139421
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.5	122.3
192	25.2	19.2	28.8

Manual Integrations
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#39

Methylcyclohexane

Concen: 4.024 ug/l m

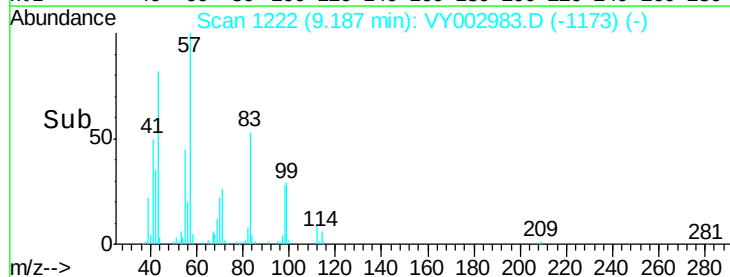
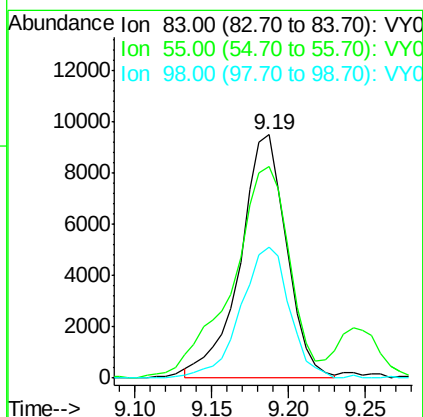
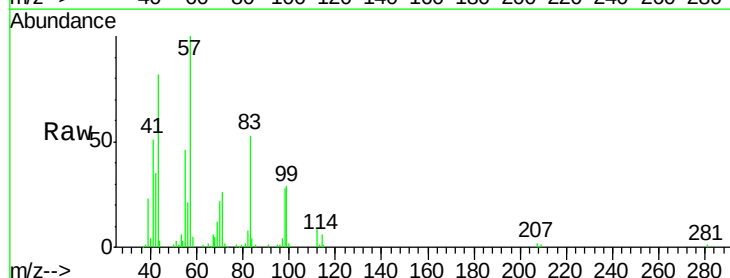
RT: 9.19 min Scan# 1222

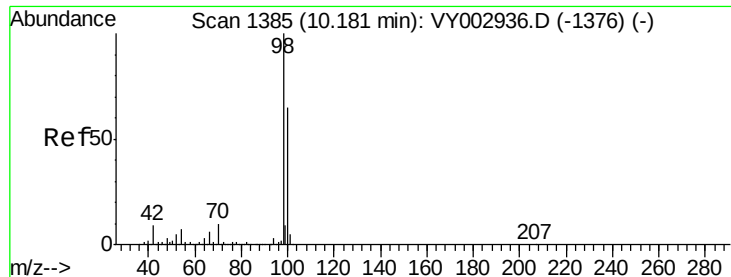
Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Tgt Ion:	83	Resp:	19989
Ion Ratio	Lower	Upper	
83	100		
55	86.8	55.0	82.4#
98	54.0	41.4	62.2





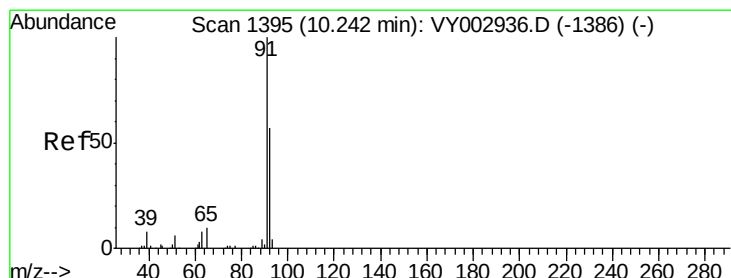
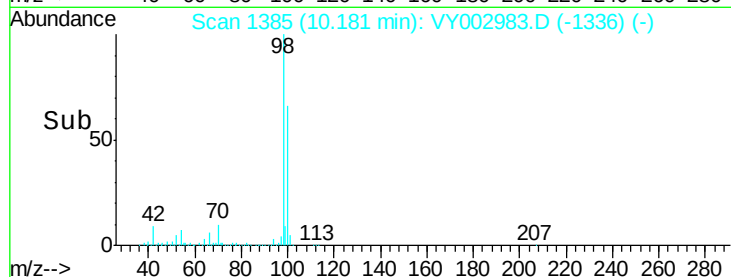
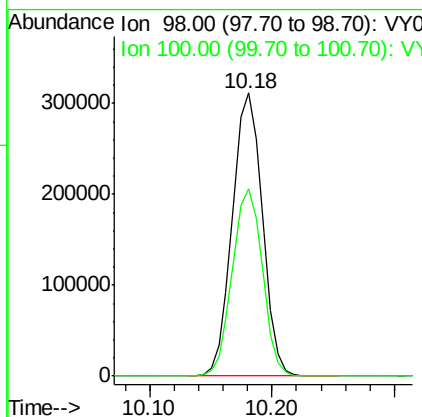
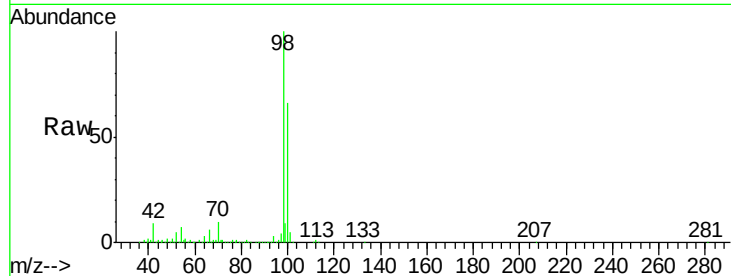
#50
Toluene-d8
Concen: 51.029 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tot Ion: 98 Resp: 528297
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

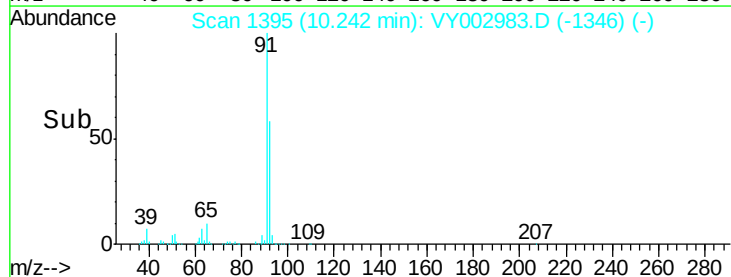
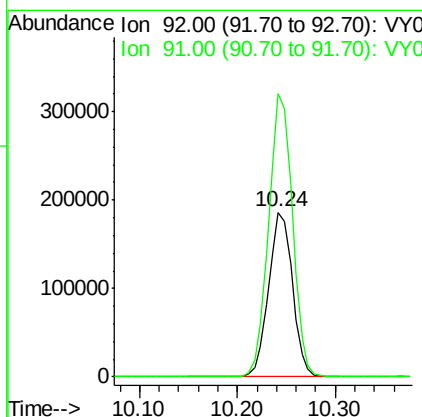
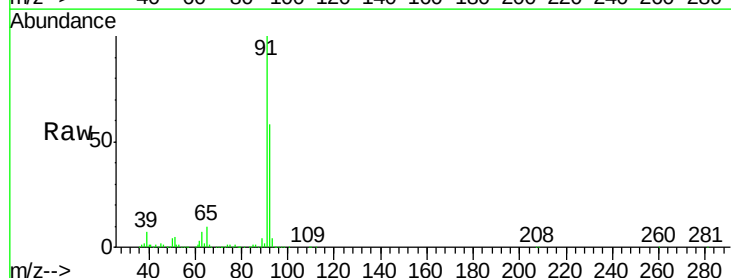
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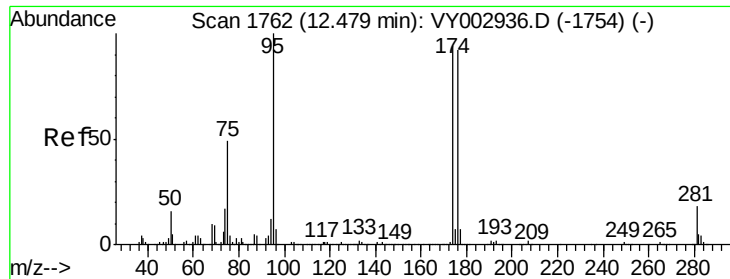
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#52
Toluene
Concen: 43.664 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion: 92 Resp: 317067
Ion Ratio Lower Upper
92 100
91 171.9 139.3 208.9





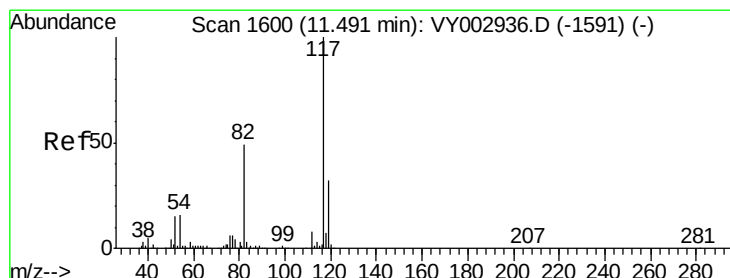
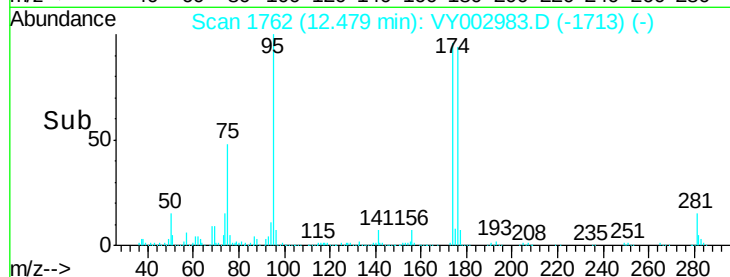
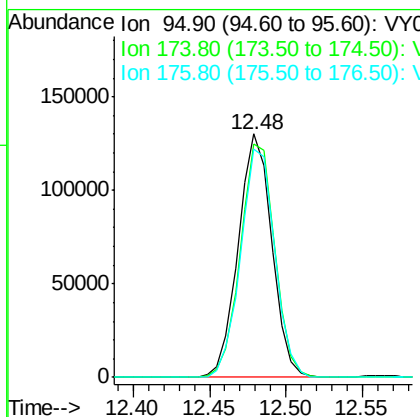
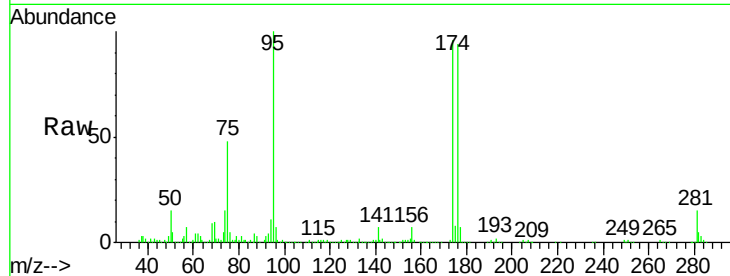
#62
4-Bromofluorobenzene
Concen: 54.794 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tot Ion	Ratio	Resp	Lower	Upper
95	100	196775		
174	98.8	0.0	191.2	
176	96.0	0.0	186.0	

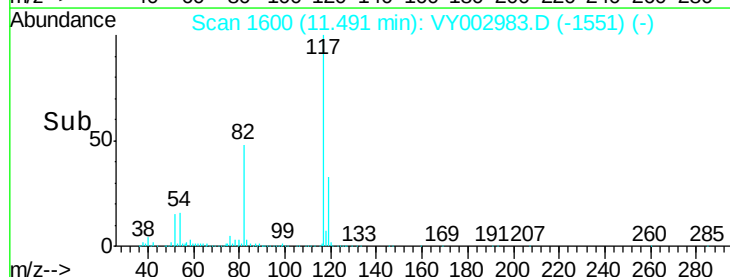
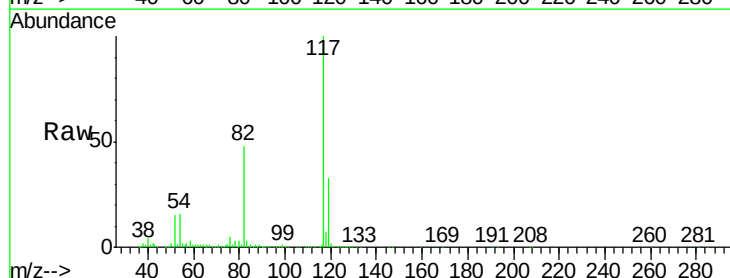
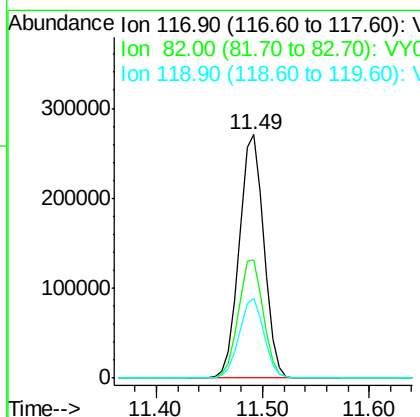
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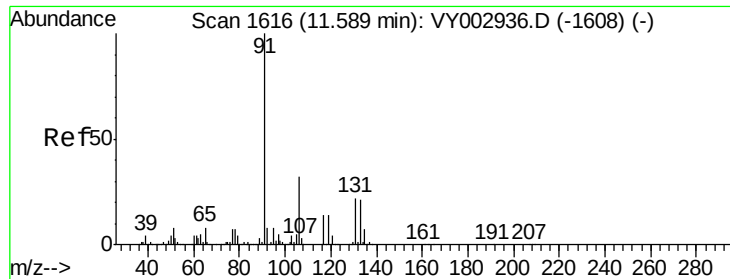
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	440678		
82	48.4	39.4	59.0	
119	32.6	25.4	38.0	





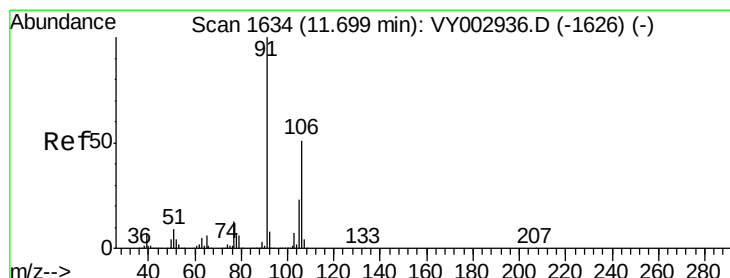
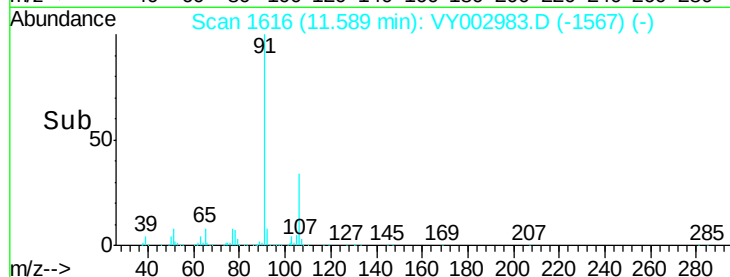
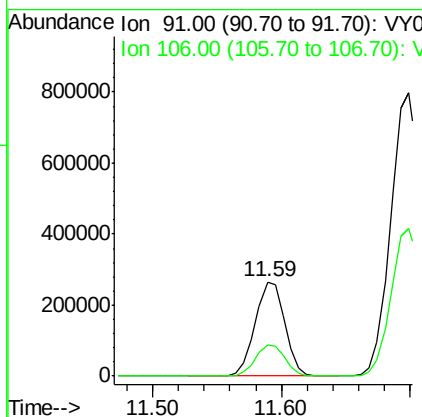
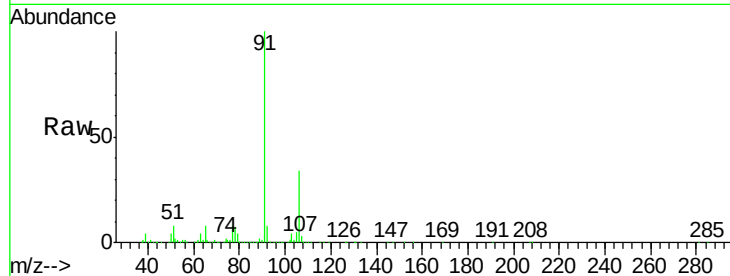
#67
Ethyl Benzene
Concen: 29.138 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Instrument :
MSVOA_Y
ClientSampled :
SB-2

Tot Ion	Ratio	Lower	Upper
91	100		
106	33.5	25.8	38.8

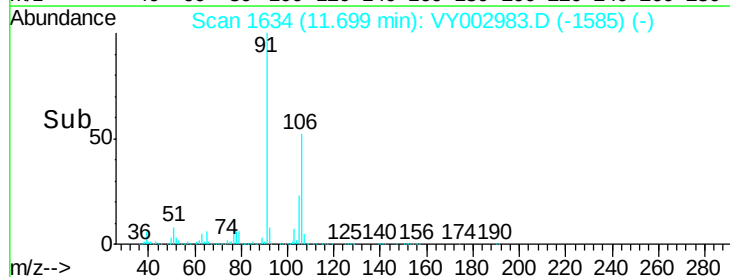
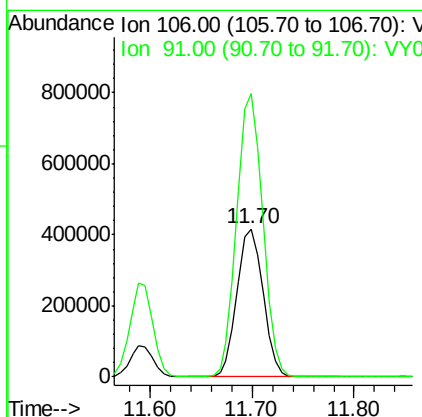
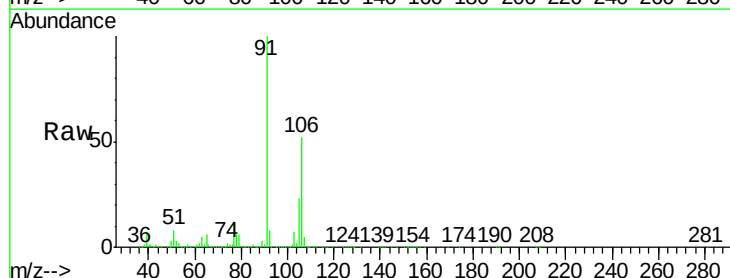
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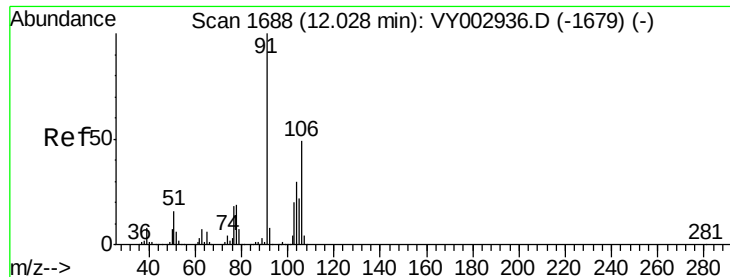
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#68
m/p-Xylenes
Concen: 132.119 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
106	100		
91	190.8	155.9	233.9





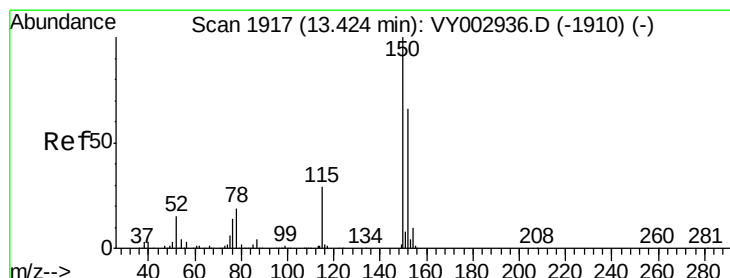
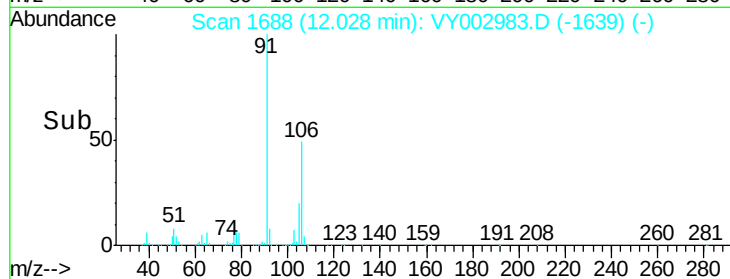
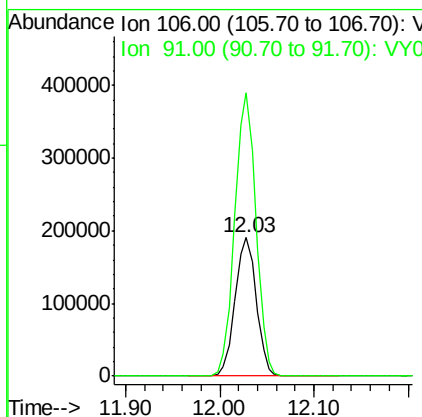
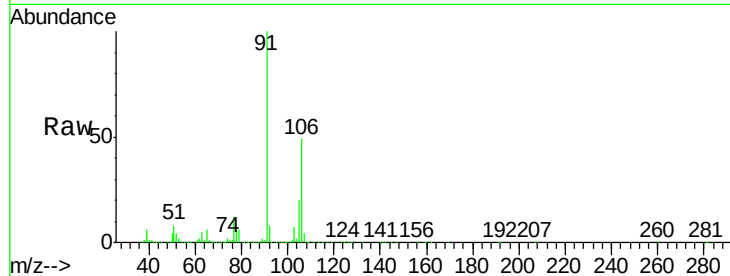
#69
o-Xylene
Concen: 56.553 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Instrument :
MSVOA_Y
ClientSampled :
SB-2

Tot Ion	Ratio	Resp	Lower	Upper
106	100	298055		
91	203.9	102.1	306.1	

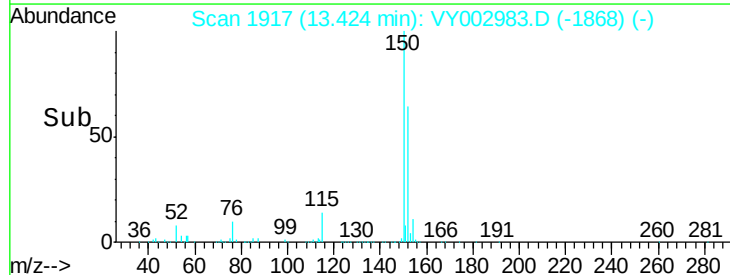
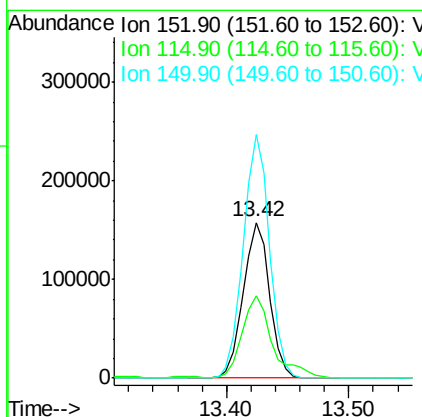
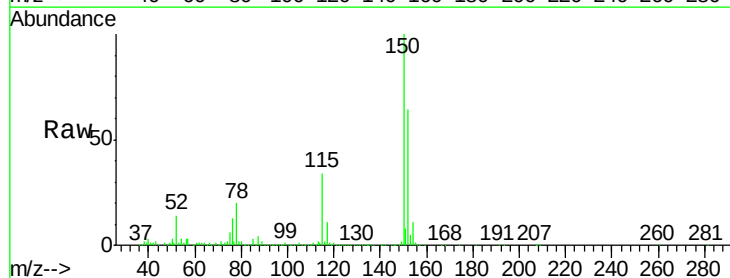
Manual Integrations
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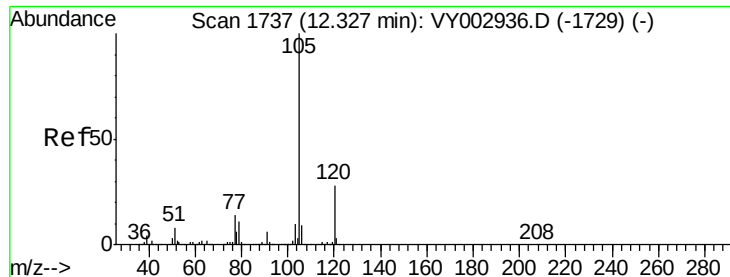
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	235438		
115	61.2	26.9	80.6	
150	155.5	0.0	341.8	





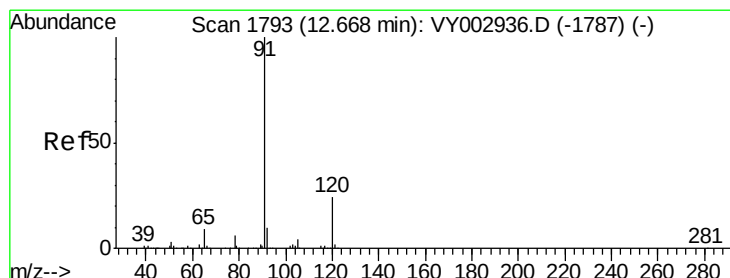
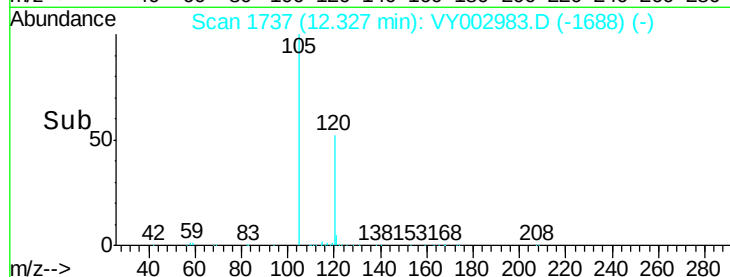
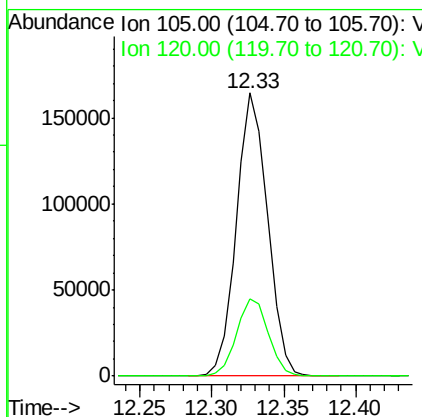
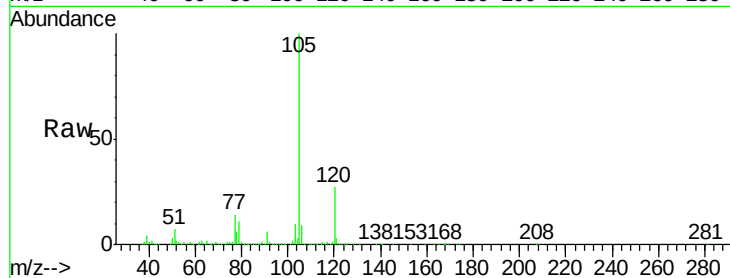
#73
Isopropylbenzene
Concen: 17.077 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Instrument :
MSVOA_Y
ClientSampled :
SB-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.9	14.0	41.9

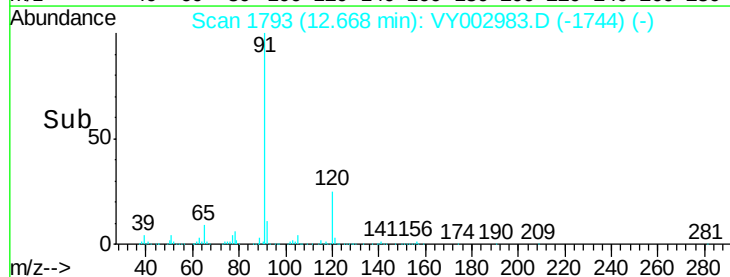
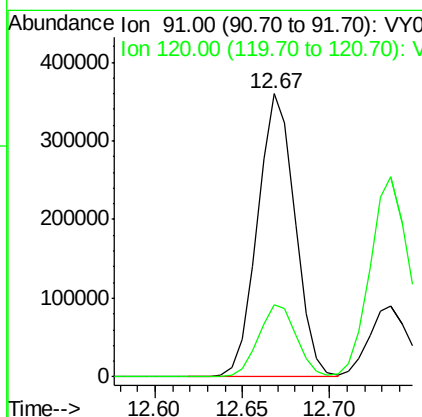
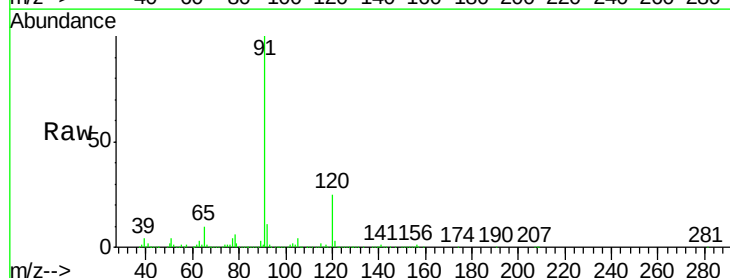
Manual Integrations
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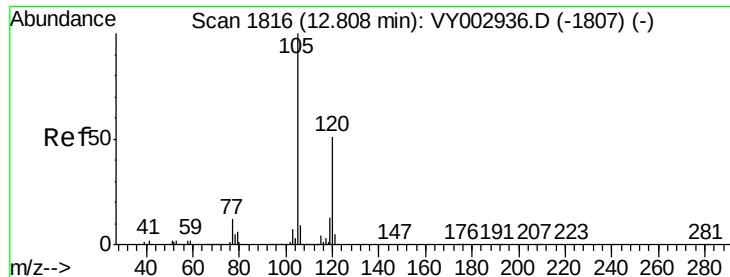
MMDadoda
6/23/2020 8:13:29 PM



#78
n-propylbenzene
Concen: 31.935 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.9	12.3	36.9





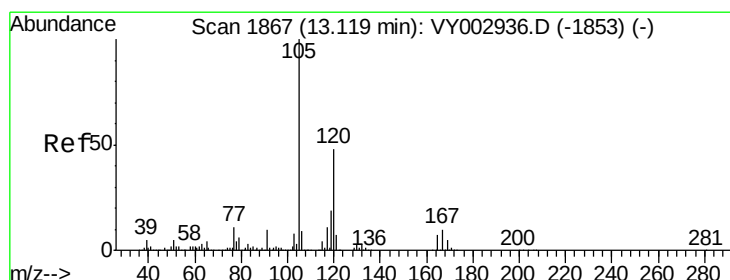
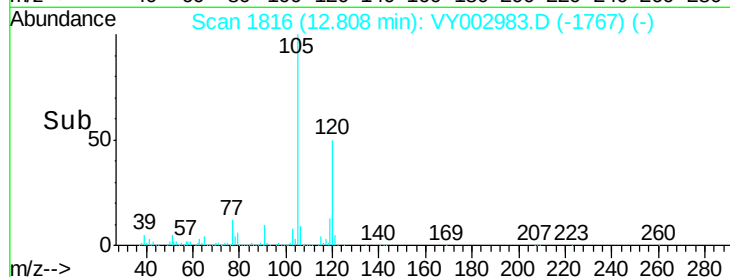
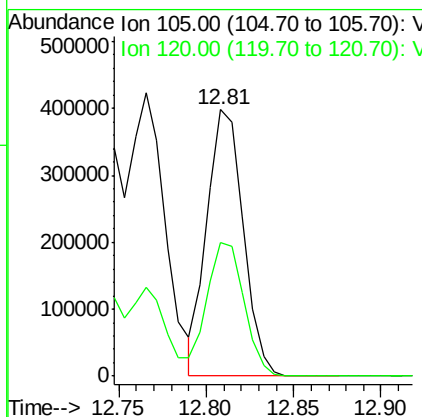
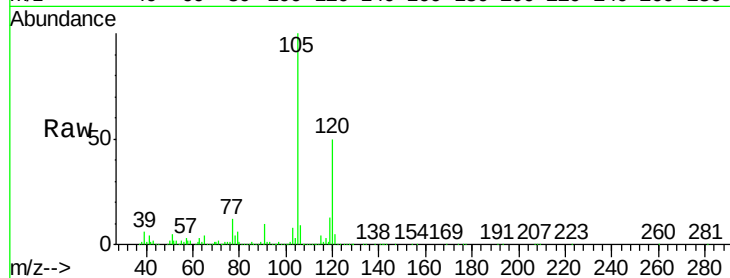
#80
 1,3,5-Trimethylbenzene
 Concen: 47.643 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY002983.D
 Acq: 22 Jun 2020 18:57

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	51.1	25.6	76.6

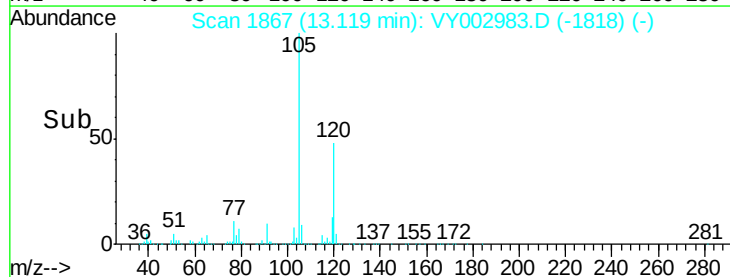
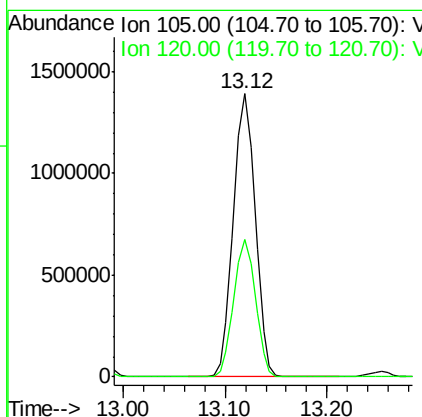
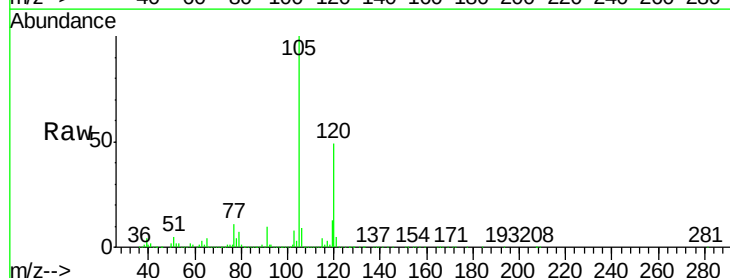
Manual Integrations
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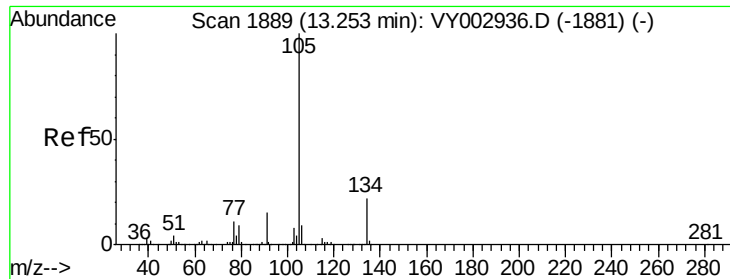
MMDadoda
 6/23/2020 8:13:29 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 170.677 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002983.D
 Acq: 22 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.5	70.5





#85

sec-Butylbenzene

Concen: 2.737 ug/l m

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

Instrument :

MSVOA_Y

ClientSampled :

SB-2

Tot Ion:105 Resp: 40116

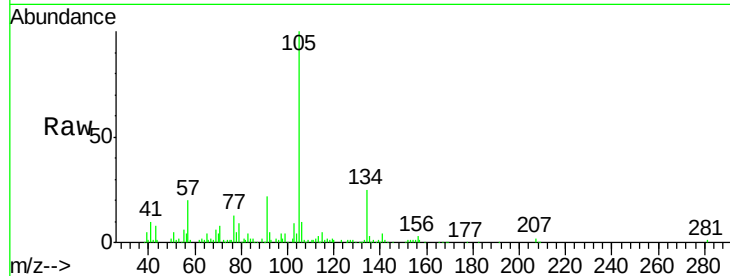
Ion Ratio Lower Upper

105 100

134 0.0 10.8 32.4#

Manual Integrations
APPROVED

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6/23/2020 8:13:29 PM

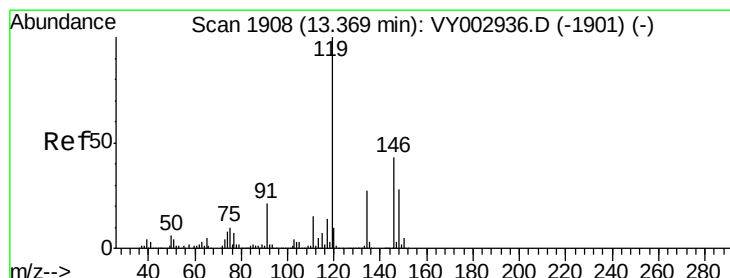
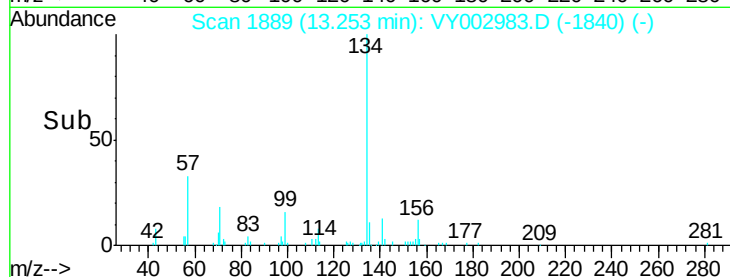


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

Time-->



#86

p-Isopropyltoluene

Concen: 1.252 ug/l m

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002983.D

Acq: 22 Jun 2020 18:57

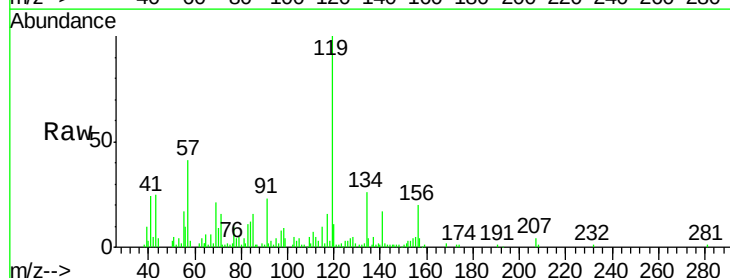
Tgt Ion:119 Resp: 17212

Ion Ratio Lower Upper

119 100

134 69.7 13.6 40.8#

91 51.8 10.8 32.4#



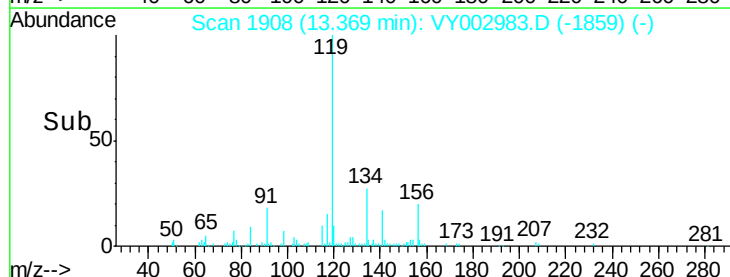
Abundance Ion 119.00 (118.70 to 119.70): V

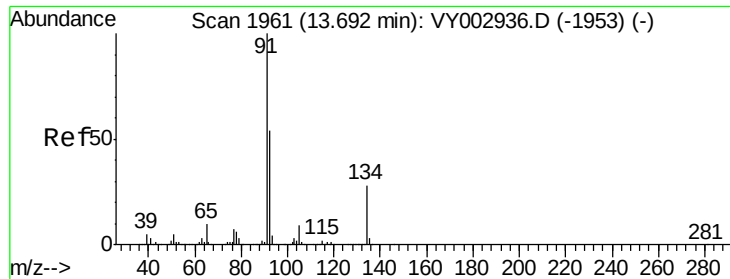
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

Time-->





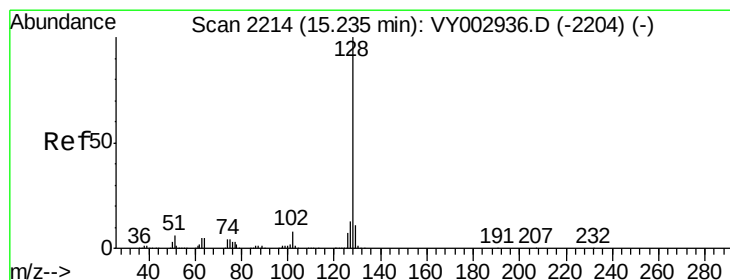
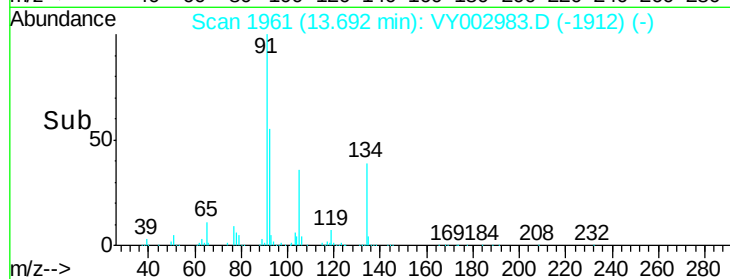
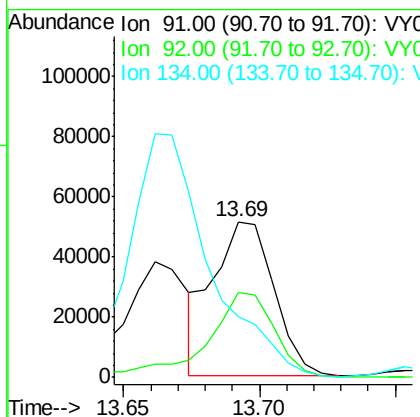
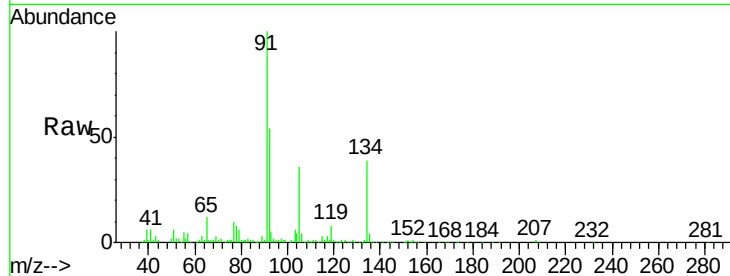
#89
n-Butylbenzene
Concen: 6.350 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Instrument :
MSVOA_Y
ClientSampled :
SB-2

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.7	27.0	80.8
134	0.0	14.5	43.5#

Manual Integrations
APPROVED

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6/23/2020 8:13:29 PM



#95
Naphthalene
Concen: 51.378 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002983.D
Acq: 22 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.7	13.1

