

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002068.D
 Acq On : 25 Mar 2020 15:45
 Operator : SY/MD
 Sample : L2029-04
 Misc : 8.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1B-(0-2)

Manual Integrations
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Quant Time: Mar 26 07:50:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	136096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	267271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	246408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	108418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86157	59.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.60%	
35) Dibromofluoromethane	7.75	113	78355	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
50) Toluene-d8	10.19	98	327219	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.49	95	113921	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
Target Compounds						
17) Carbon Disulfide	4.22	76	15166	2.982	ug/l	Qvalue 100
80) 1,3,5-Trimethylbenzene	12.82	105	17456	2.562	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	52445	7.756	ug/l	97
85) sec-Butylbenzene	13.27	105	10301	1.235	ug/l #	79
86) p-Isopropyltoluene	13.38	119	10100	1.404	ug/l	94
89) n-Butylbenzene	13.70	91	9452m	1.266	ug/l	

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

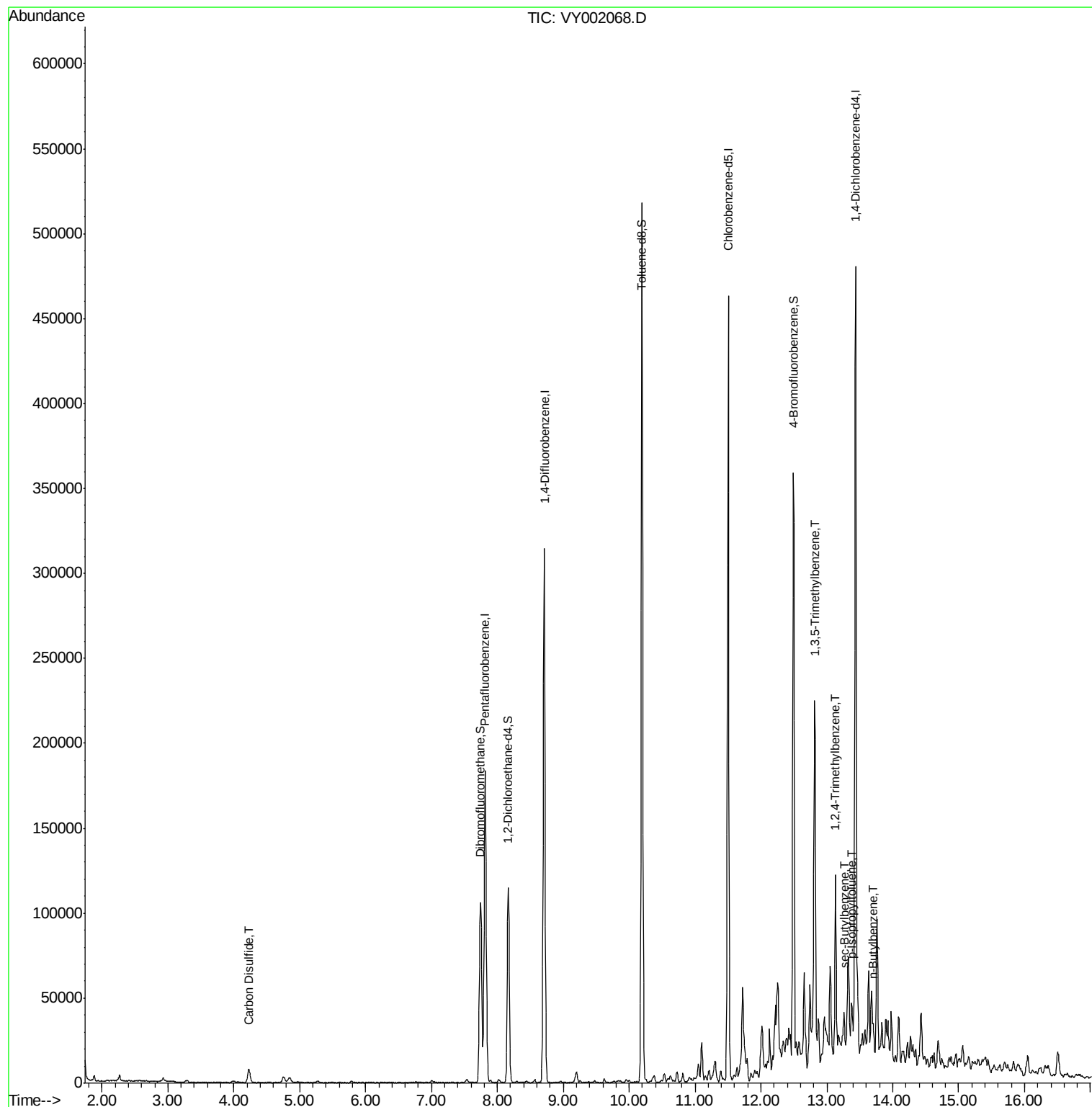
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
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Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

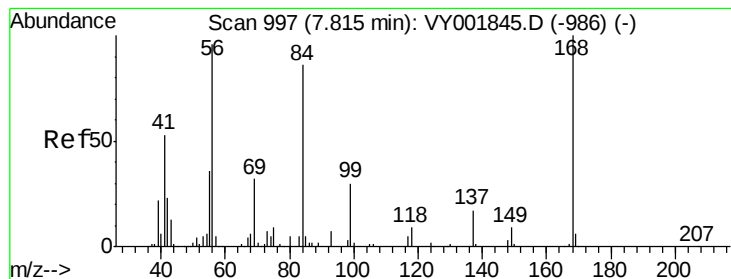
Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

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Quant Time: Mar 26 07:50:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002068.D

Acq: 25 Mar 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-1B-(0-2)

Tot Ion:168 Resp: 136096

Ion Ratio Lower Upper

168 100

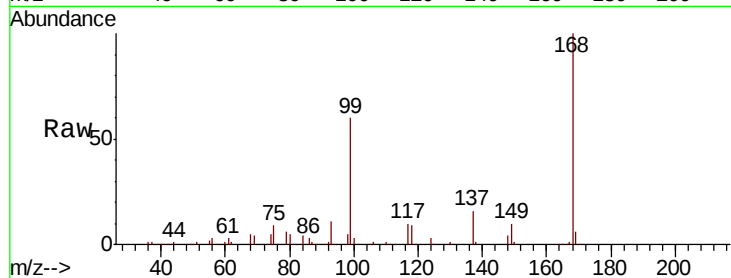
99 59.7 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

60000

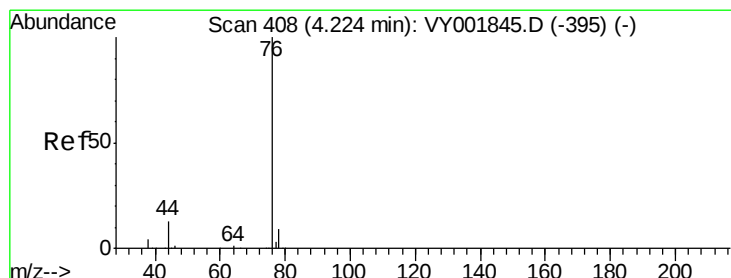
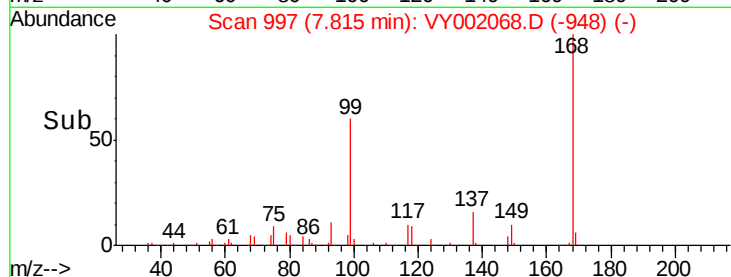
40000

20000

0

7.70 7.80 7.90

Time-->



#17

Carbon Disulfide

Concen: 2.982 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.00 min

Lab File: VY002068.D

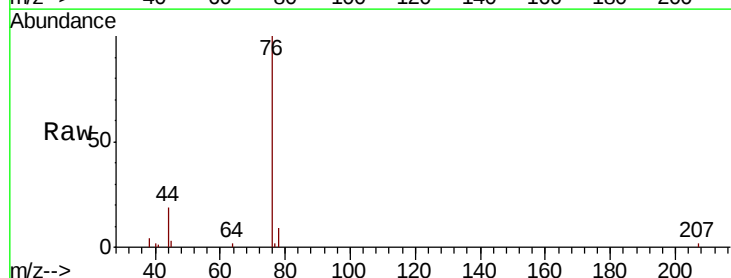
Acq: 25 Mar 2020 15:45

Tgt Ion: 76 Resp: 15166

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY001845.D (-395) (-)

Ion 77.90 (77.60 to 78.60): VY001845.D (-395) (-)

4.22

6000

5000

4000

3000

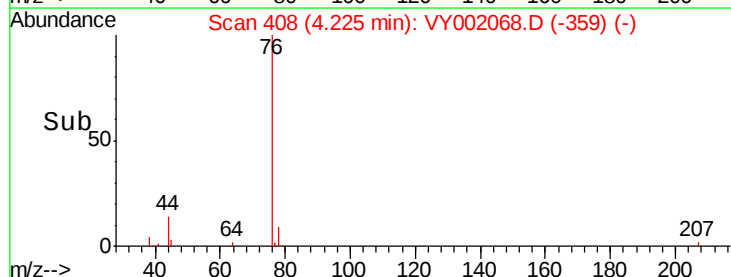
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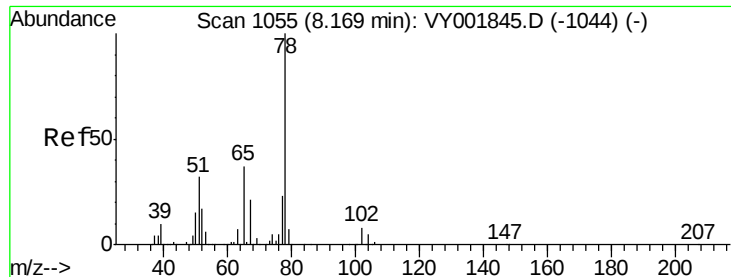
1000

0

4.10 4.20 4.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 59.299 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002068.D

Acq: 25 Mar 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-1B-(0-2)

Tot Ion: 65 Resp: 86157

Ion Ratio Lower Upper

65 100

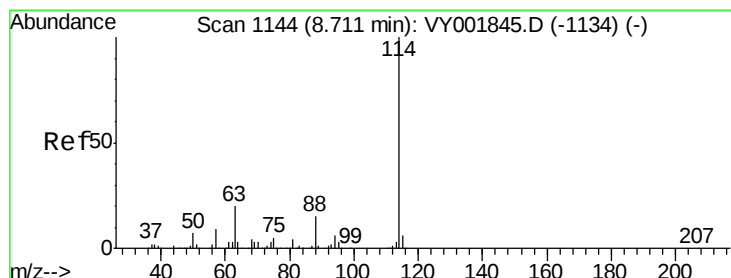
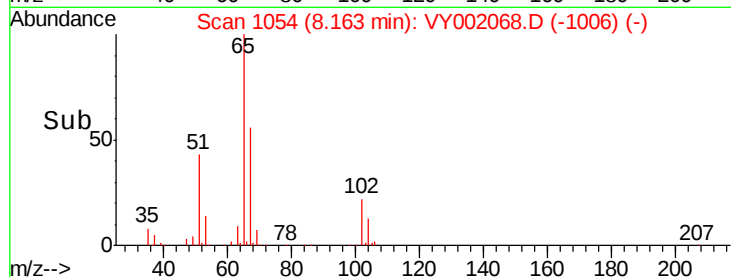
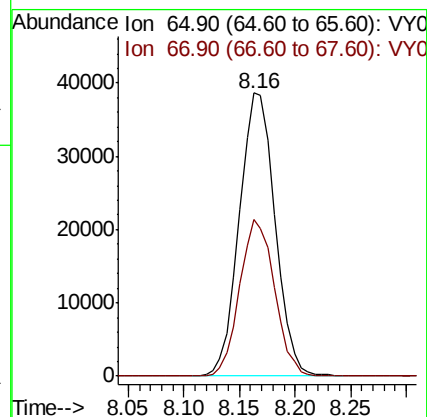
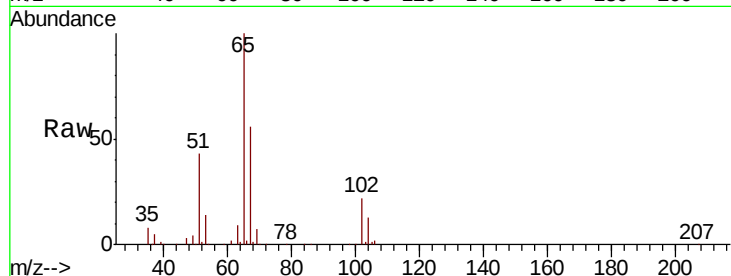
67 54.0 0.0 110.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002068.D

Acq: 25 Mar 2020 15:45

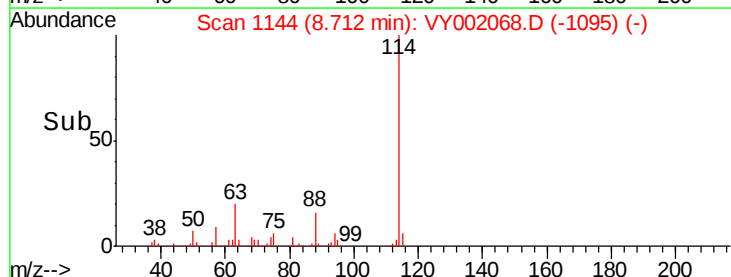
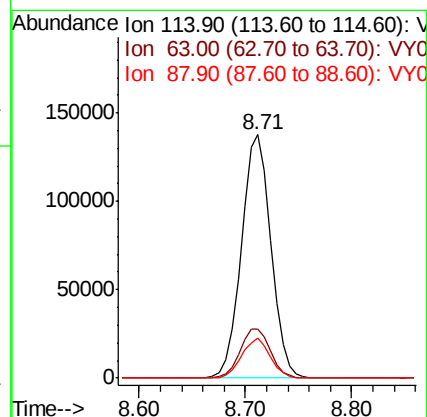
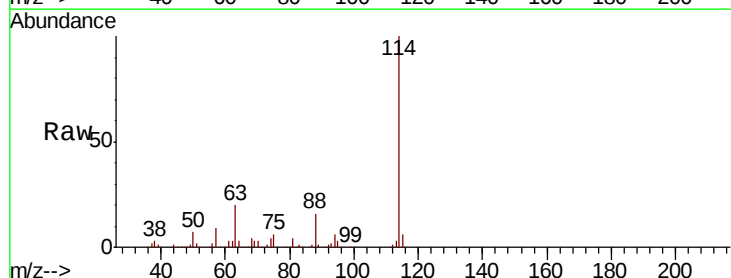
Tgt Ion: 114 Resp: 267271

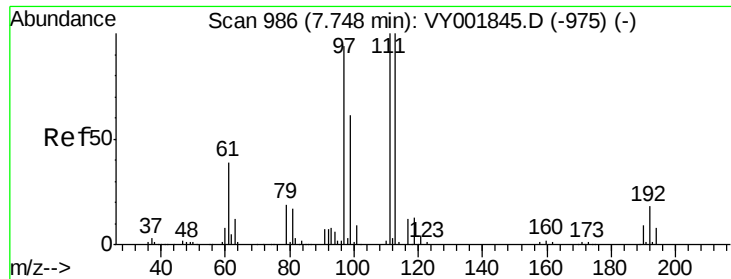
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 16.3 0.0 30.4





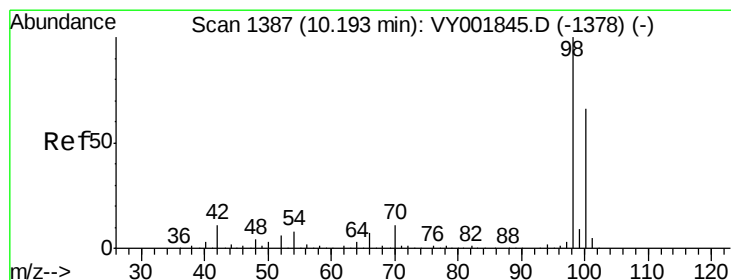
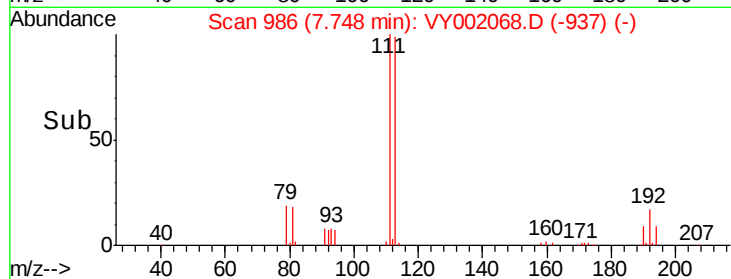
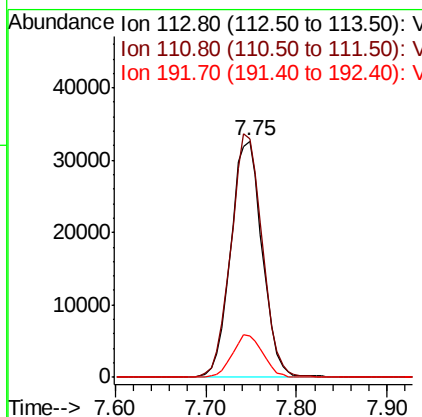
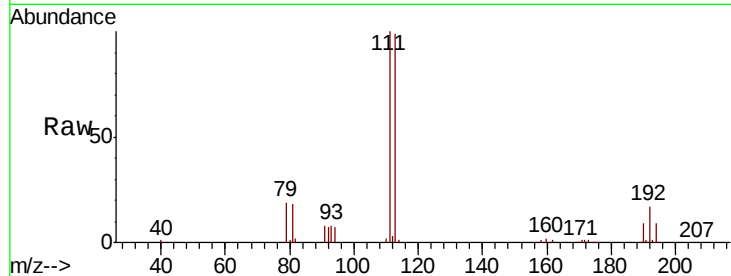
#35
Dibromofluoromethane
Concen: 53.689 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY002068.D
Acq: 25 Mar 2020 15:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	17.6	14.2	21.2

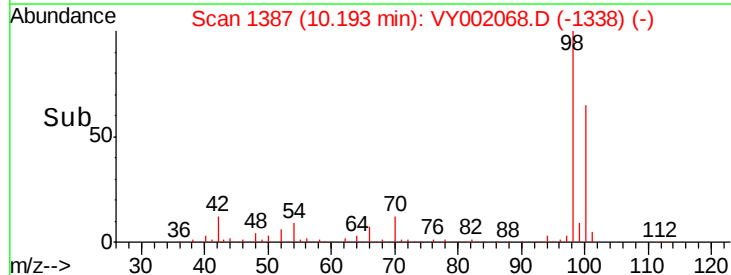
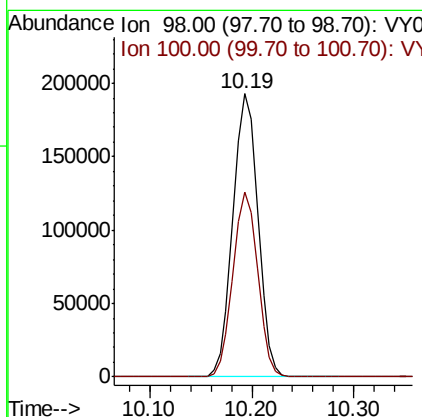
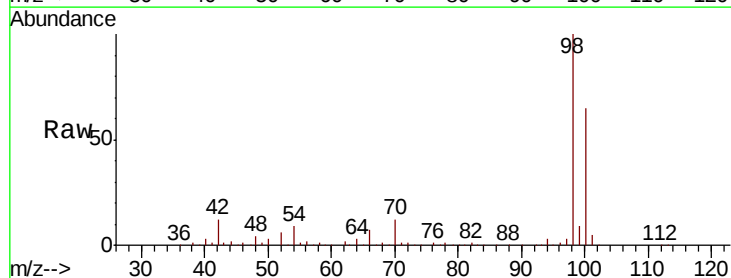
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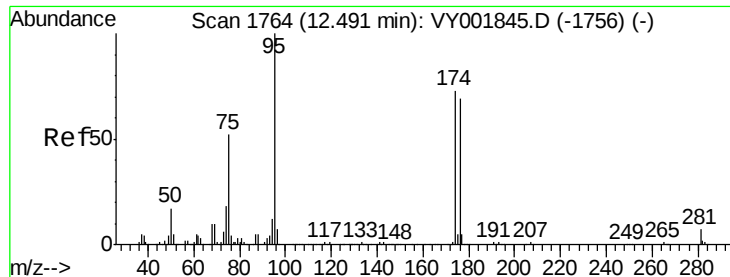
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#50
Toluene-d8
Concen: 53.171 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002068.D
Acq: 25 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.0	79.4





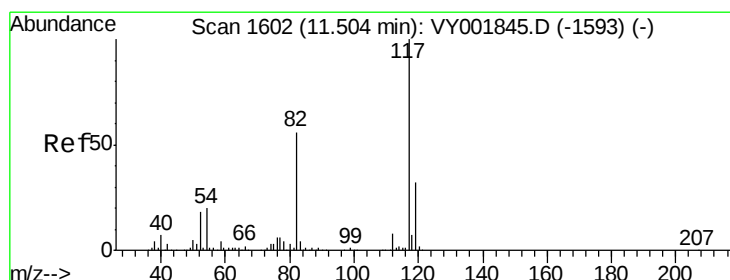
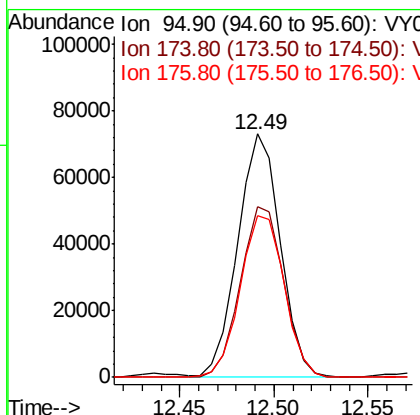
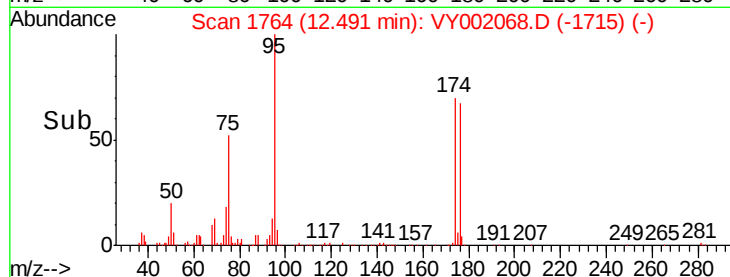
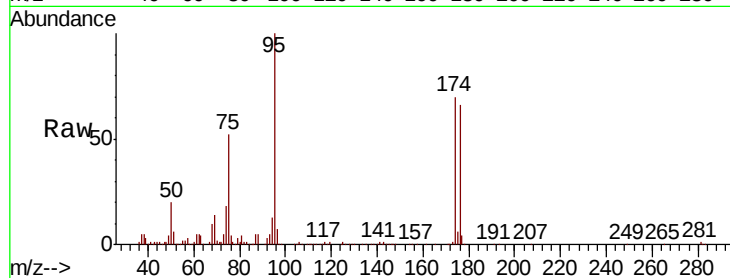
#62
4-Bromofluorobenzene
Concen: 53.237 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY002068.D
Acq: 25 Mar 2020 15:45

Instrument :
MSVOA_Y
ClientSampled :
SB-1B-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	113921		
174	71.8	0.0	145.0	
176	68.9	0.0	137.4	

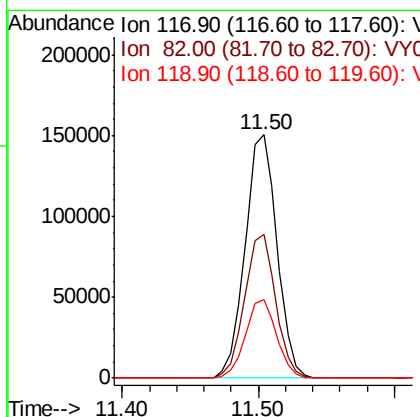
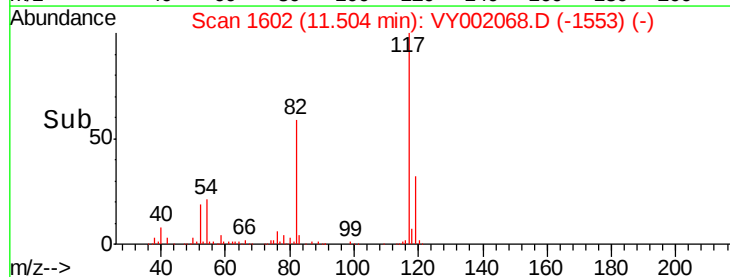
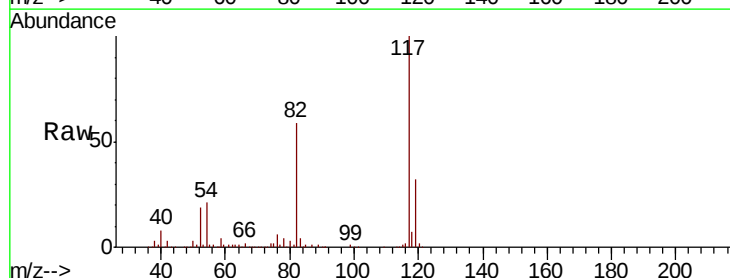
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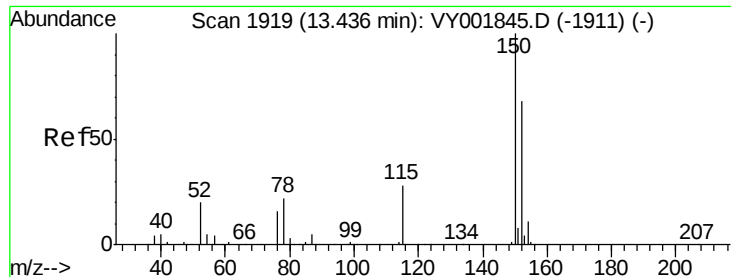
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002068.D
Acq: 25 Mar 2020 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	246408		
82	59.1	44.5	66.7	
119	32.0	25.7	38.5	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002068.D

Acq: 25 Mar 2020 15:45

Instrument :

MSVOA_Y

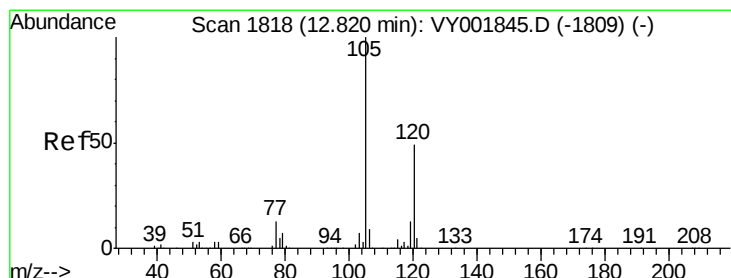
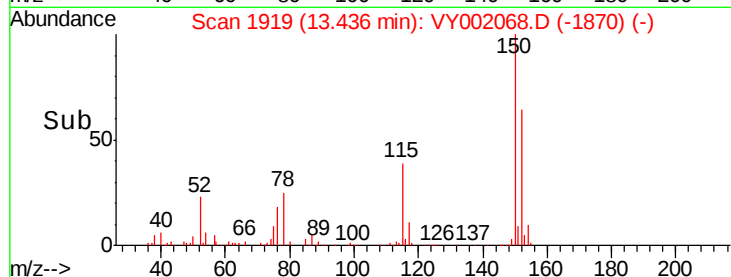
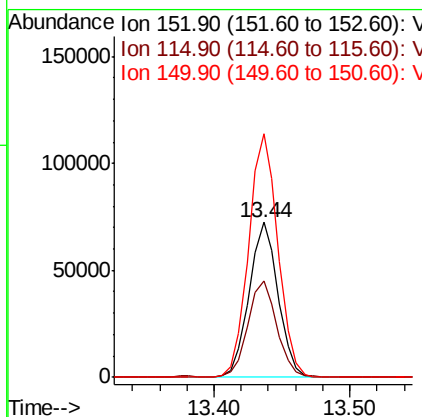
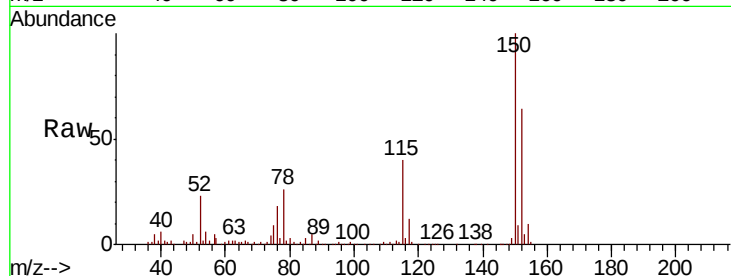
ClientSampleId :

SB-1B-(0-2)

Tot Ion:	152	Resp:	108418
Ion Ratio	Lower	Upper	
152	100		
115	62.7	29.9	89.7
150	157.9	0.0	340.6

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#80

1,3,5-Trimethylbenzene

Concen: 2.562 ug/l

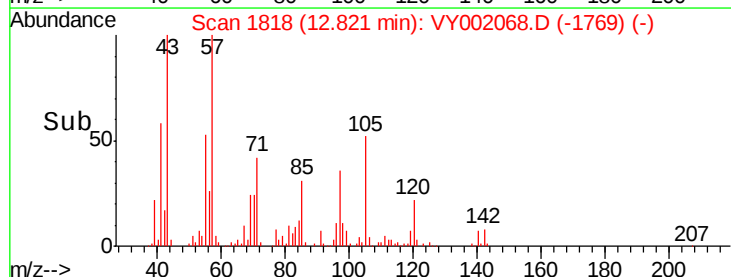
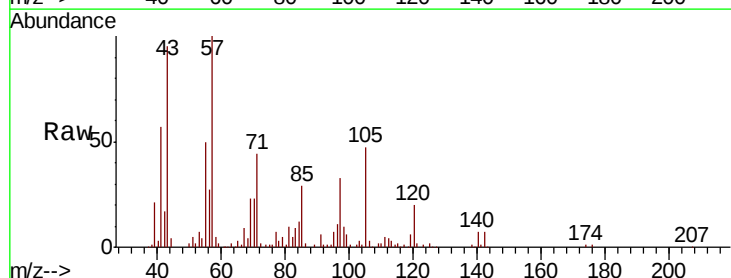
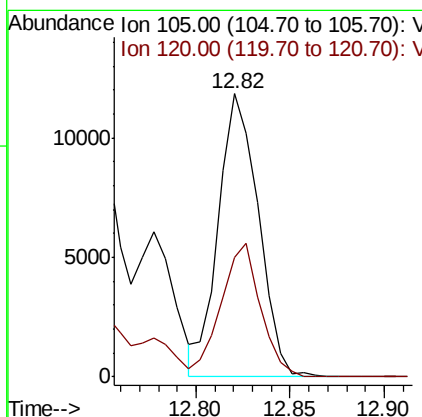
RT: 12.82 min Scan# 1818

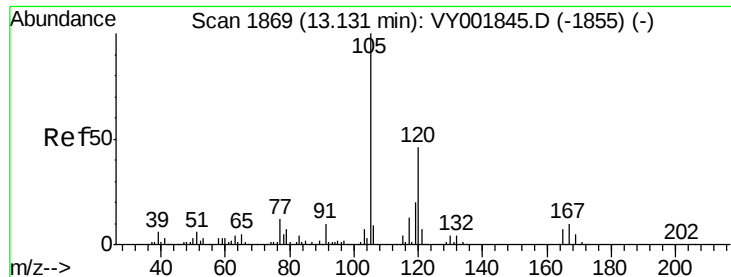
Delta R.T. 0.00 min

Lab File: VY002068.D

Acq: 25 Mar 2020 15:45

Tgt Ion:	105	Resp:	17456
Ion Ratio	Lower	Upper	
105	100		
120	46.7	24.4	73.2





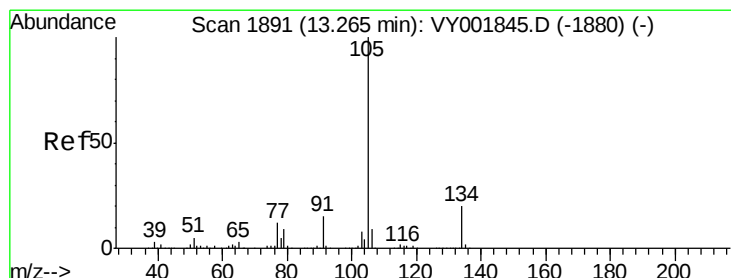
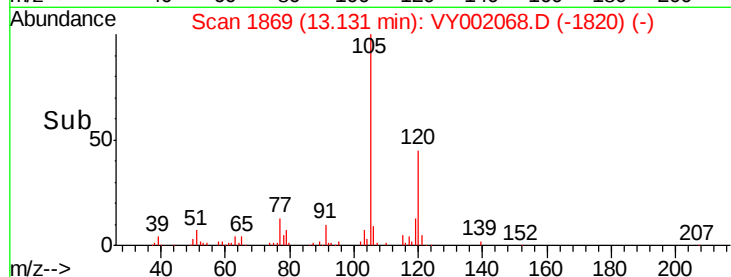
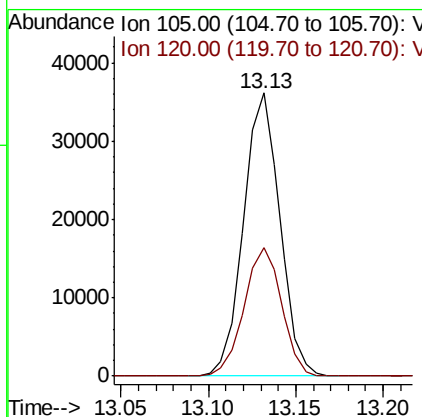
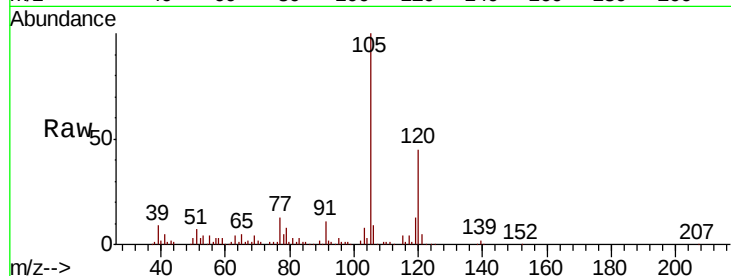
#84
1,2,4-Trimethylbenzene
Concen: 7.756 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY002068.D
Acq: 25 Mar 2020 15:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.6	67.7

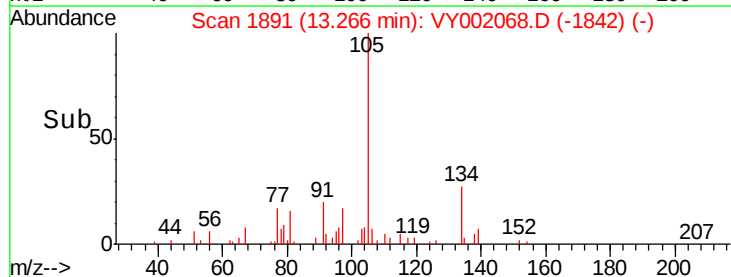
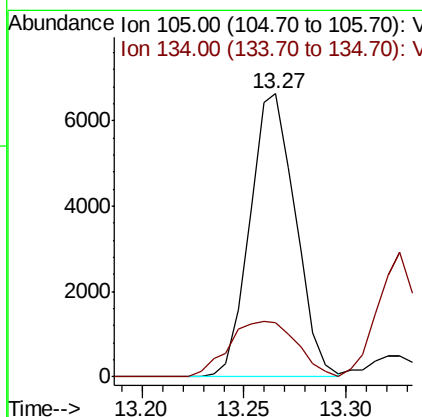
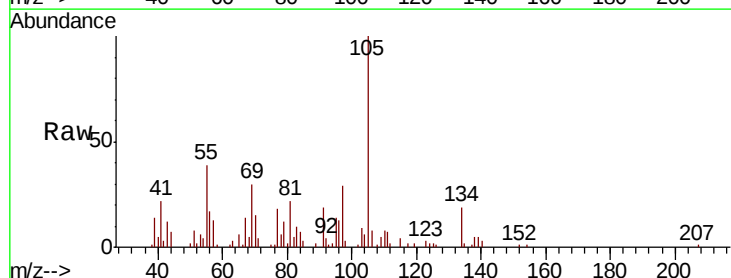
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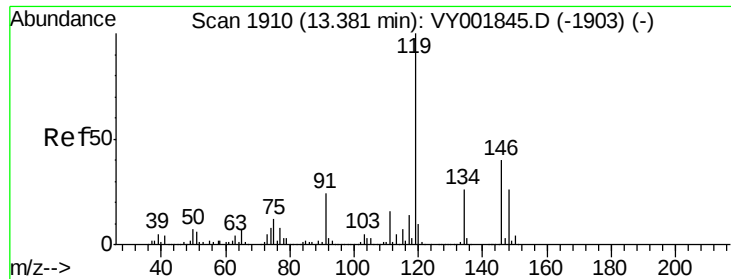
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#85
sec-Butylbenzene
Concen: 1.235 ug/l
RT: 13.27 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VY002068.D
Acq: 25 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
105	100		
134	29.2	9.7	29.1#





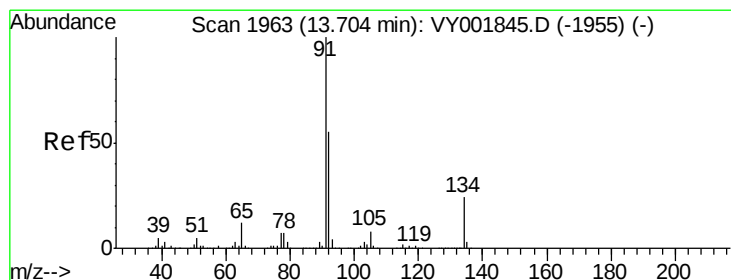
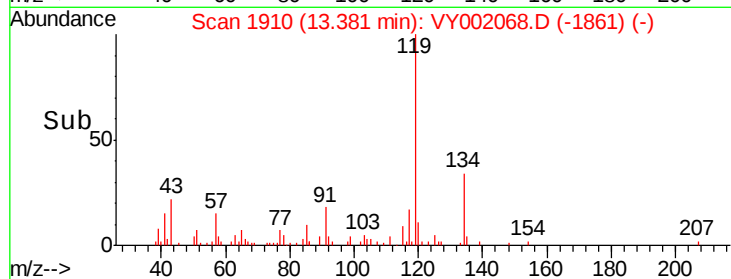
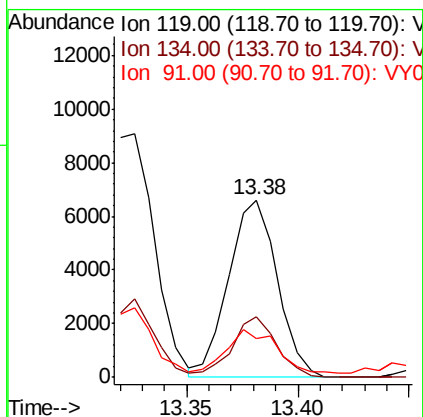
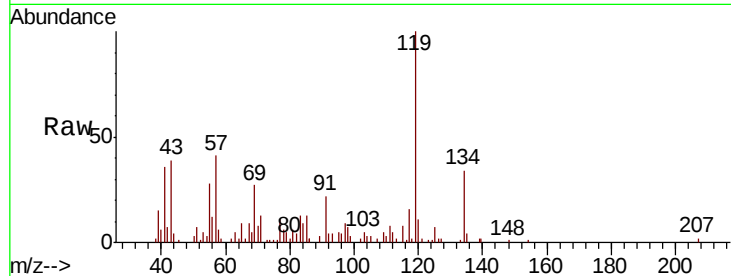
#86
 p-Isopropyltoluene
 Concen: 1.404 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VY002068.D
 Acq: 25 Mar 2020 15:45

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-1B-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
119	100	10100		
134	31.4	13.1	39.3	
91	24.2	11.9	35.7	

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#89
 n-Butylbenzene
 Concen: 1.266 ug/l m
 RT: 13.70 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VY002068.D
 Acq: 25 Mar 2020 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	9452		
92	58.6	27.5	82.4	
134	0.0	12.5	37.5#	

