

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001393.D
 Acq On : 24 Jan 2020 19:15
 Operator : SY/MD
 Sample : L1268-01
 Misc : 3.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 30529

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:02:15 PM

Quant Time: Jan 25 04:55:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	313476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	300486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	128947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	95235	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	7.74	113	90424	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.20	98	371867	52.02	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.49	95	142515	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	55555071m	122779.519	ug/l	
17) Carbon Disulfide	4.19	76	48092	8.848	ug/l	99
25) 2-Butanone	7.02	43	115553	149.885	ug/l	100
39) Methylcyclohexane	9.20	83	107328	28.290	ug/l	99
51) 4-Methyl-2-Pentanone	10.10	43	115047	63.494	ug/l	100
52) Toluene	10.27	92	22636205	4021.308	ug/l #	1
67) Ethyl Benzene	11.60	91	81733	7.002	ug/l	96
68) m/p-Xylenes	11.70	106	76904	17.640	ug/l	99
69) o-Xylene	12.03	106	39603	9.443	ug/l	95
73) Isopropylbenzene	12.33	105	34375	3.378	ug/l	99
78) n-propylbenzene	12.67	91	155692	12.713	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	225402	26.539	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	995345	116.728	ug/l	99
85) sec-Butylbenzene	13.26	105	98130	9.647	ug/l	83
86) p-Isopropyltoluene	13.38	119	82281	9.179	ug/l	99
89) n-Butylbenzene	13.70	91	136048m	15.081	ug/l	
95) Naphthalene	15.24	128	304120	49.506	ug/l	100

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

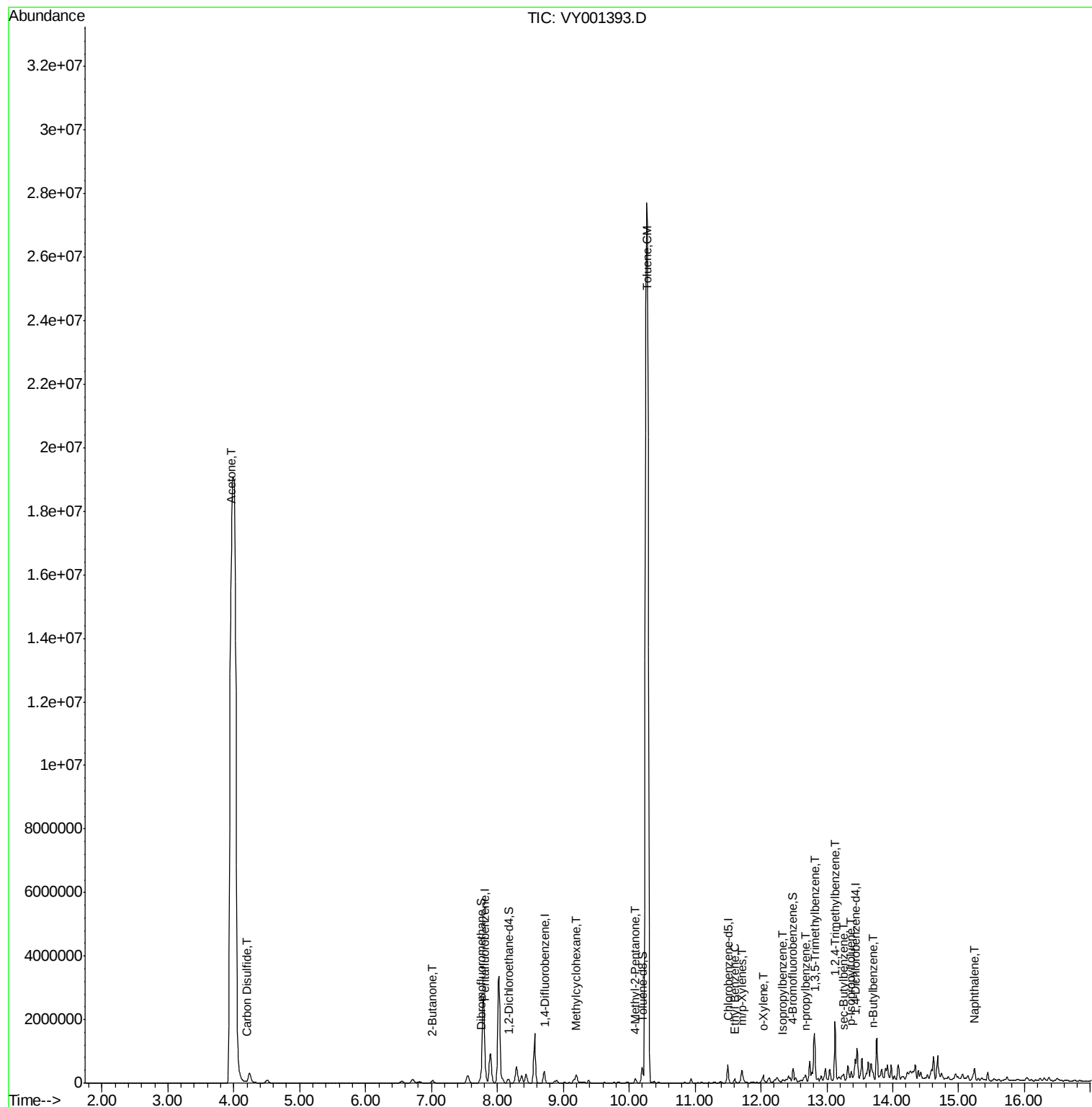
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001393.D
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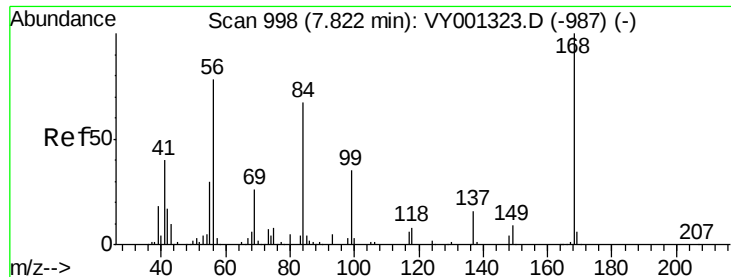
Instrument :
MSVOA_Y
ClientSampleId :
30529

Manual Integrations
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Quant Time: Jan 25 04:55:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

30529

Tot Ion:168 Resp: 162777

Ion Ratio Lower Upper

168 100

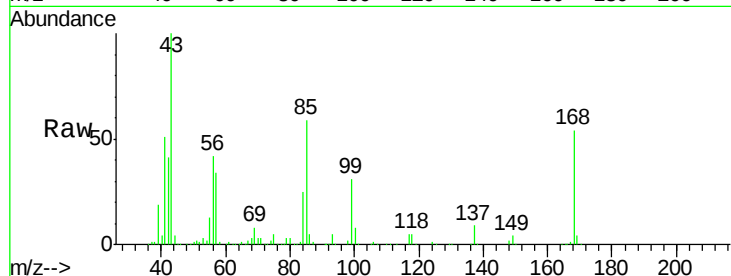
99 56.8 44.3 66.5

Manual Integrations

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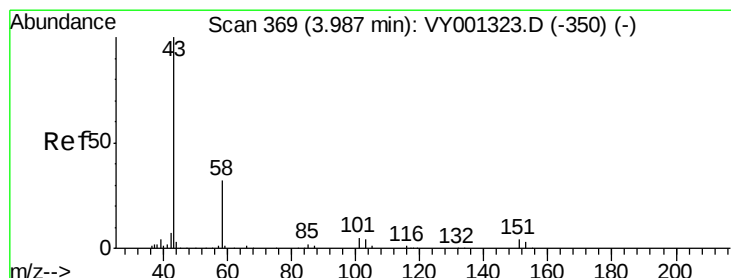
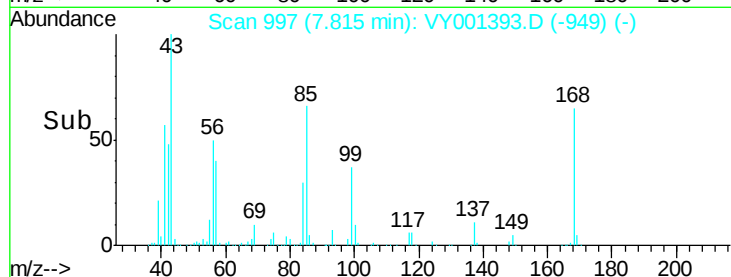


Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

Time-->



#16

Acetone

Concen: 122779.519 ug/l m

RT: 3.96 min Scan# 364

Delta R.T. -0.03 min

Lab File: VY001393.D

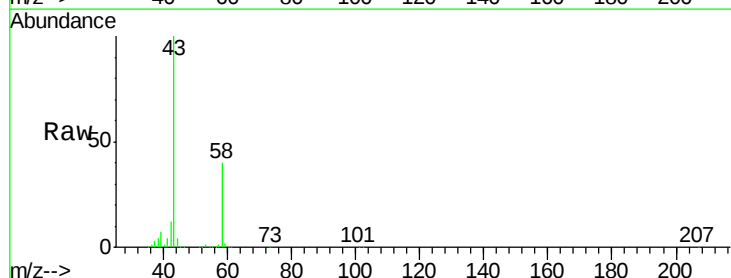
Acq: 24 Jan 2020 19:15

Tgt Ion: 43 Resp:55555071

Ion Ratio Lower Upper

43 100

58 39.7 25.4 38.0#

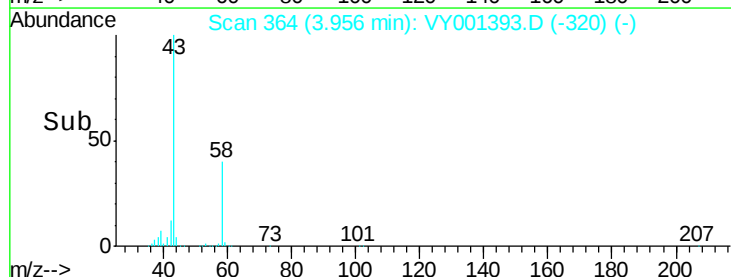


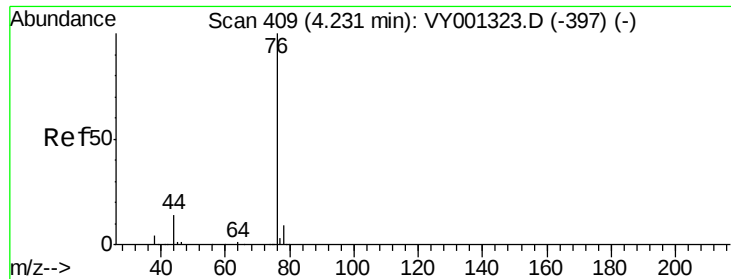
Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-350) (-)

3.96

Time-->





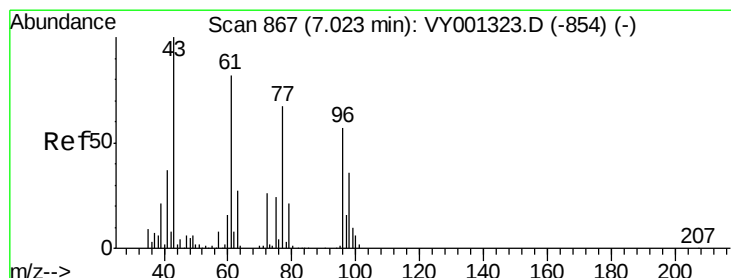
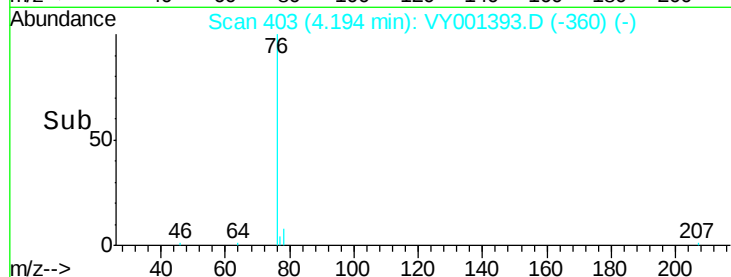
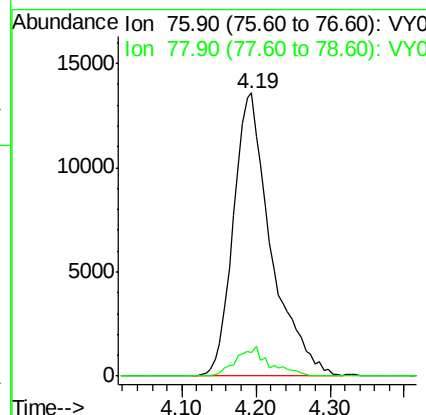
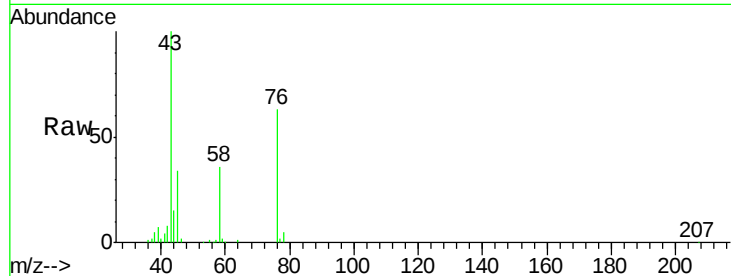
#17
Carbon Disulfide
Concen: 8.848 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.04 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Instrument :
MSVOA_Y
ClientSampleId :
30529

Tot Ion: 76 Resp: 48092
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

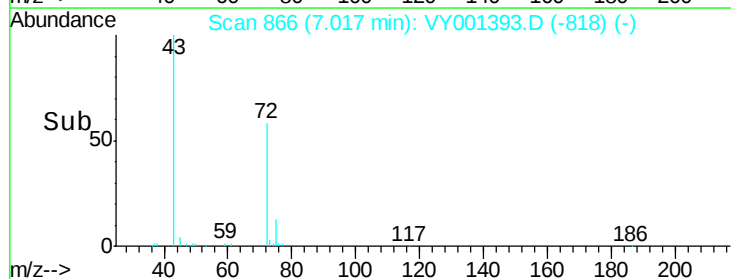
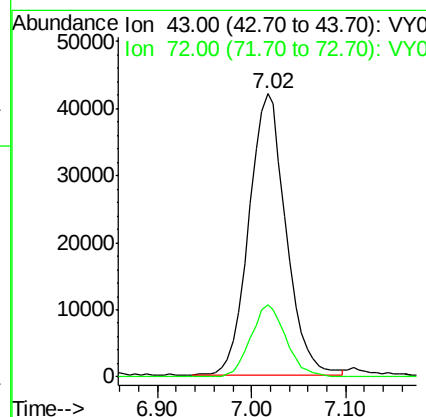
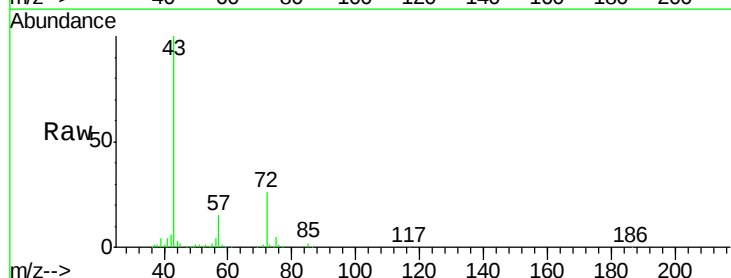
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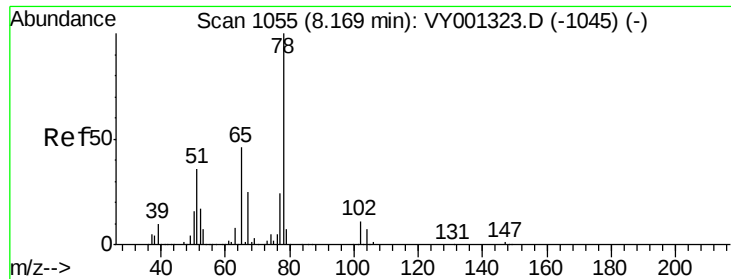
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#25
2-Butanone
Concen: 149.885 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion: 43 Resp: 115553
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0





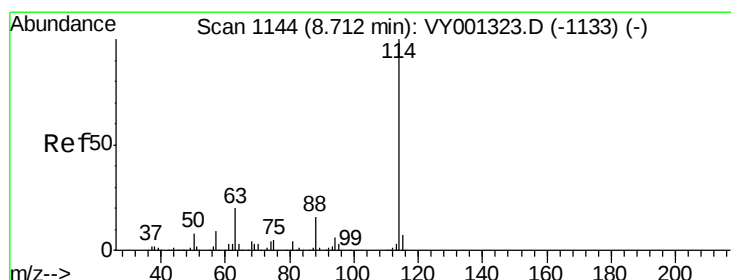
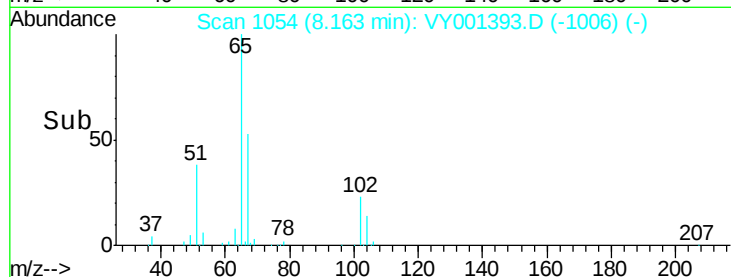
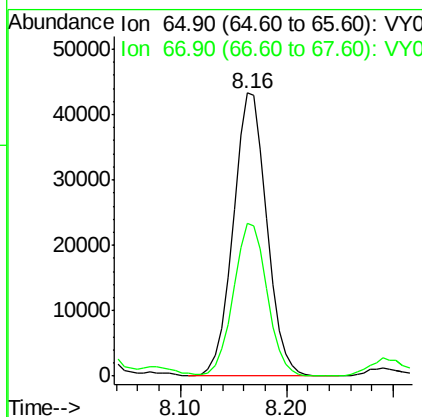
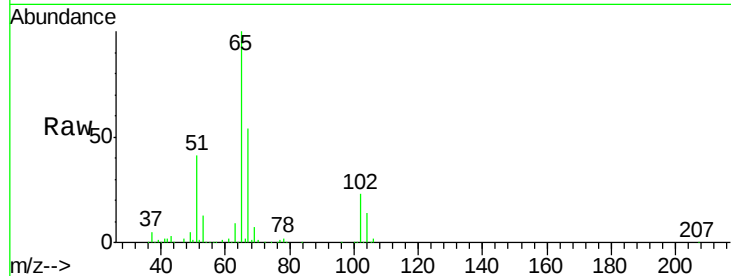
#33
 1,2-Dichloroethane-d4
 Concen: 53.767 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 30529

Tot Ion	Ratio	Resp	Lower	Upper
65	100	95235		
67	54.1	0.0	108.6	

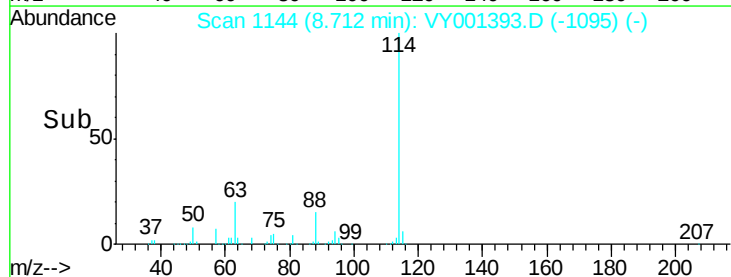
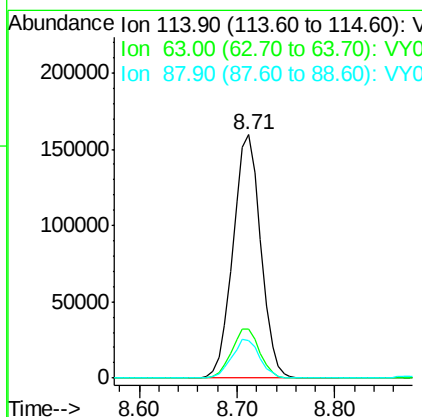
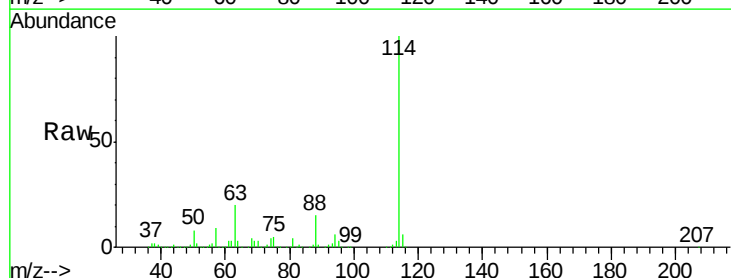
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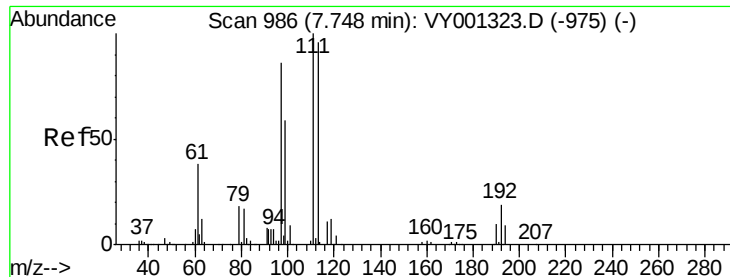
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	313476		
63	20.1	0.0	40.8	
88	15.3	0.0	31.0	





#35

Dibromofluoromethane

Concen: 49.148 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

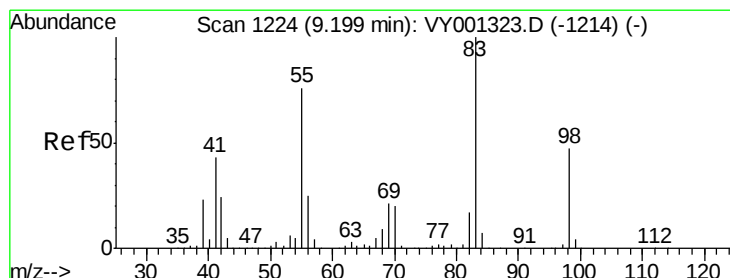
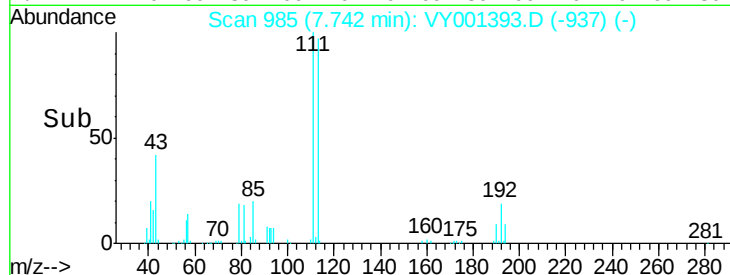
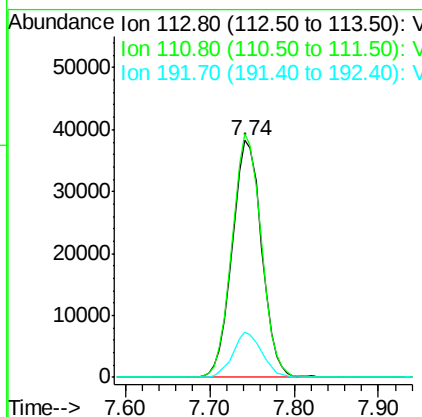
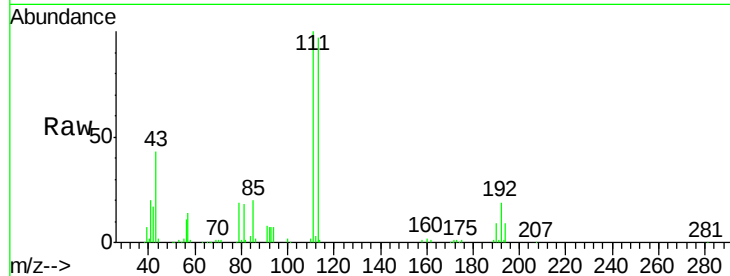
ClientSampled :

30529

Tot Ion:	113	Resp:	90424
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.8	124.2
192	18.7	15.5	23.3

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#39

Methylcyclohexane

Concen: 28.290 ug/l

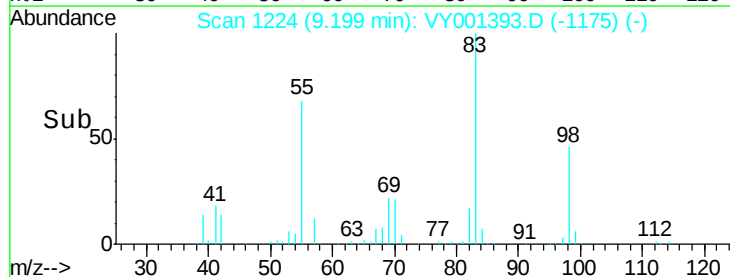
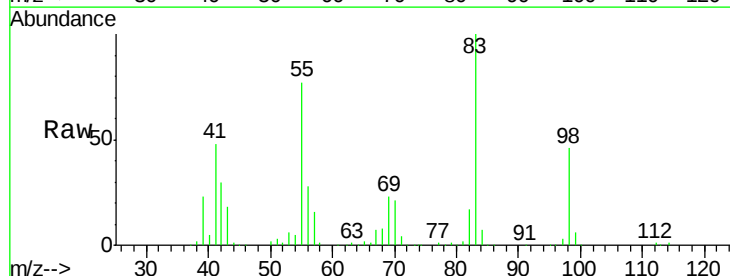
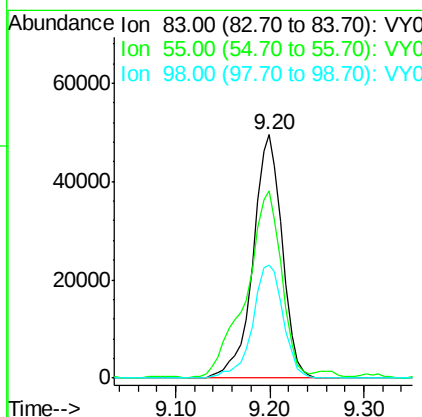
RT: 9.20 min Scan# 1224

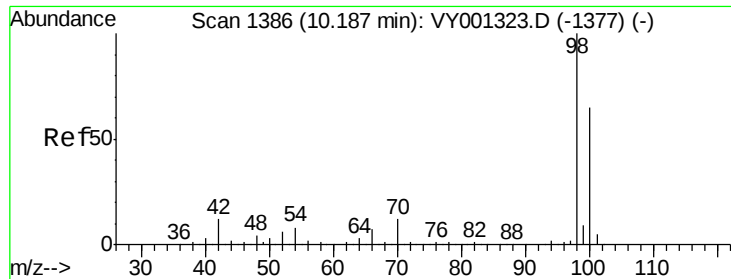
Delta R.T. -0.00 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Tgt Ion:	83	Resp:	107328
Ion	Ratio	Lower	Upper
83	100		
55	76.7	60.7	91.1
98	46.3	37.8	56.8





#50

Toluene-d8

Concen: 52.023 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

30529

Tot Ion: 98 Resp: 371867

Ion Ratio Lower Upper

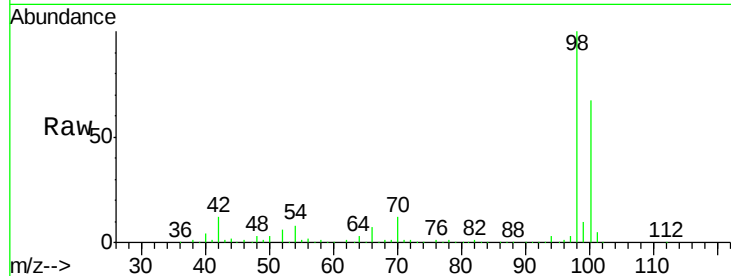
98 100

100 66.1 52.6 79.0

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Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

200000

150000

100000

50000

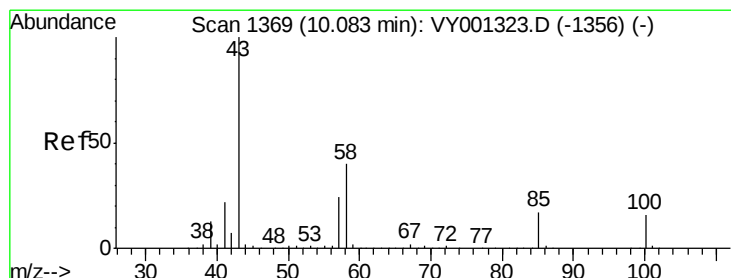
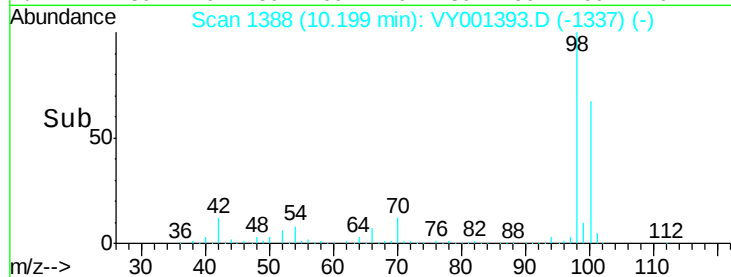
0

10.10

10.20

10.30

Time-->



#51

4-Methyl-2-Pentanone

Concen: 63.494 ug/l

RT: 10.10 min Scan# 1371

Delta R.T. 0.01 min

Lab File: VY001393.D

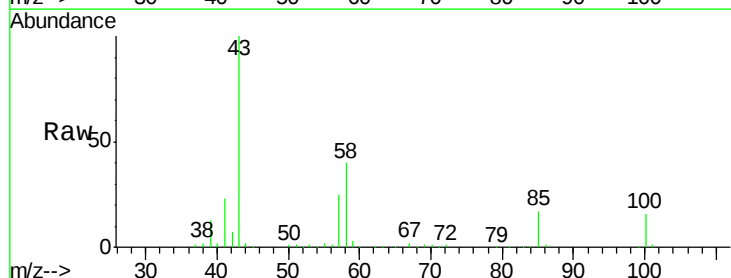
Acq: 24 Jan 2020 19:15

Tgt Ion: 43 Resp: 115047

Ion Ratio Lower Upper

43 100

58 39.5 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

60000

40000

20000

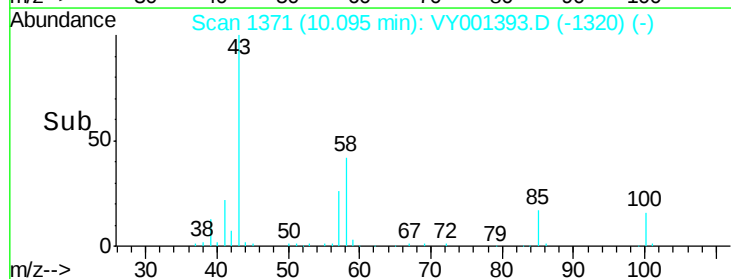
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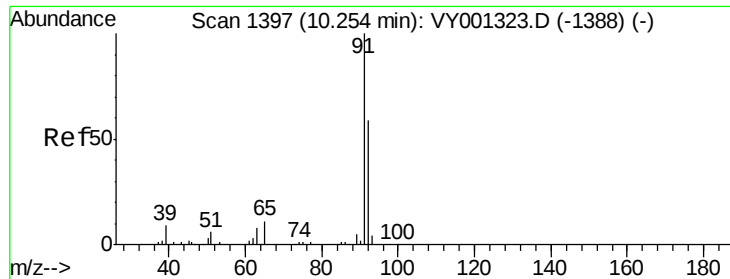
10.00

10.10

10.20

Time-->





#52

Toluene

Concen: 4021.308 ug/l

RT: 10.27 min Scan# 1400

Delta R.T. 0.02 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

30529

Tot Ion: 92 Resp: 22636205

Ion Ratio Lower Upper

92 100

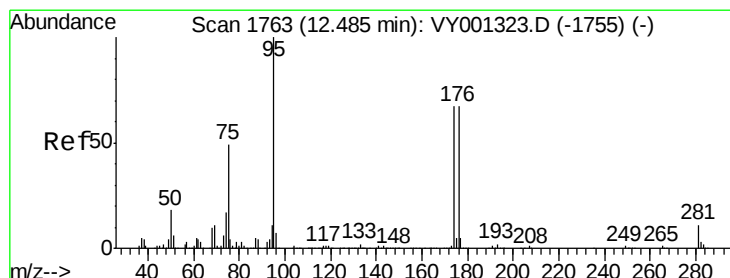
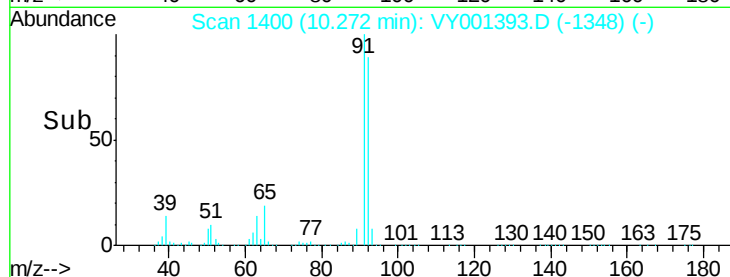
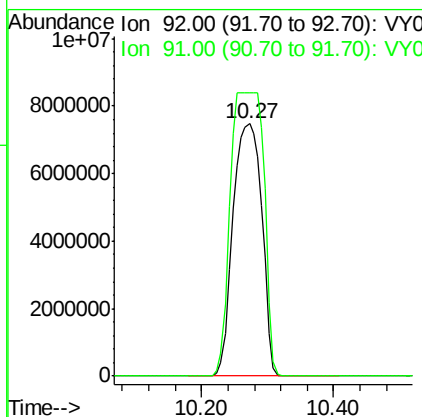
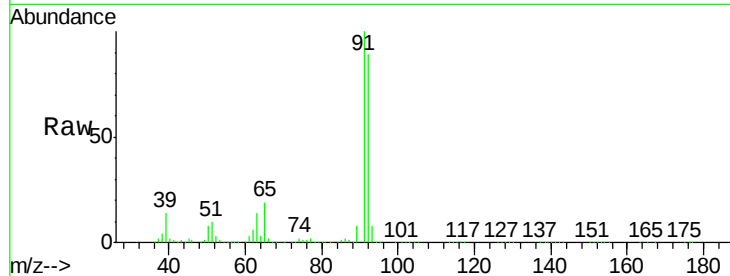
91 0.0 136.4 204.6#

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.065 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

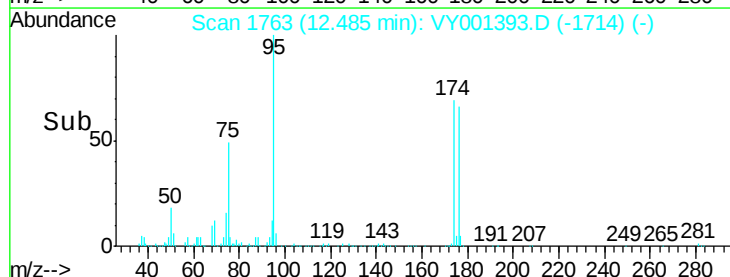
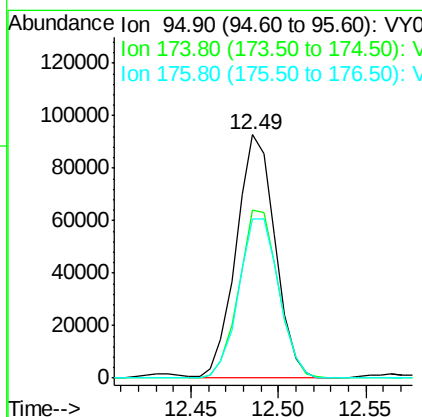
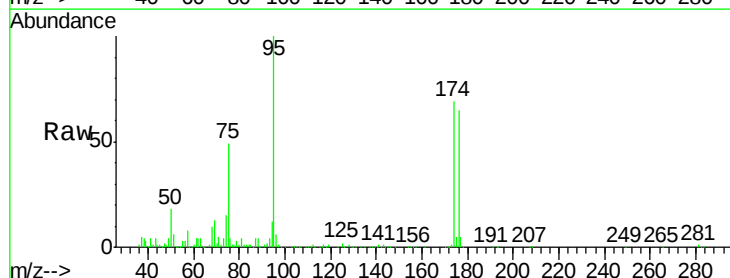
Tgt Ion: 95 Resp: 142515

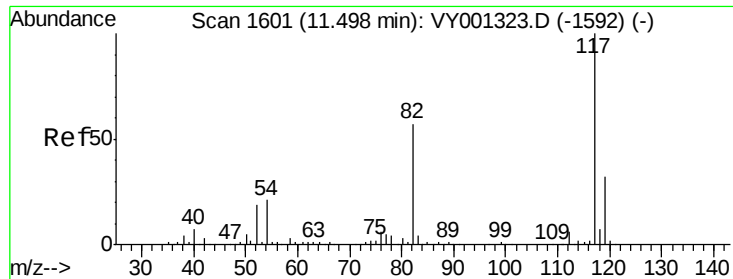
Ion Ratio Lower Upper

95 100

174 70.2 0.0 142.0

176 68.3 0.0 138.6





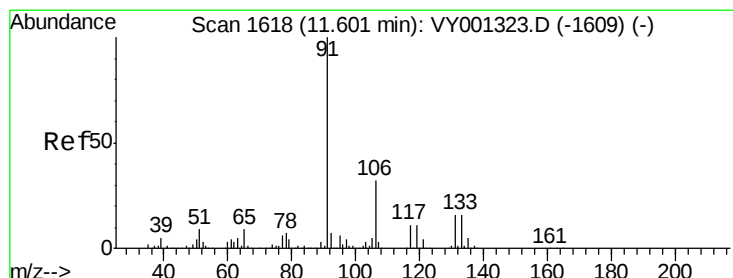
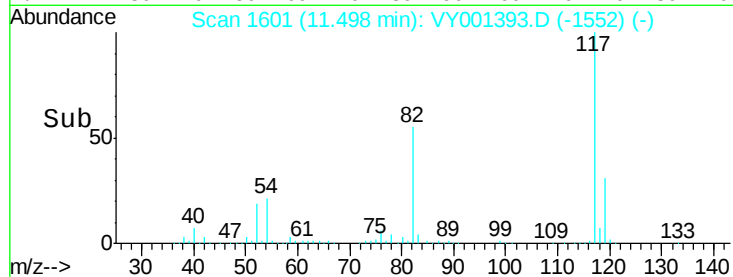
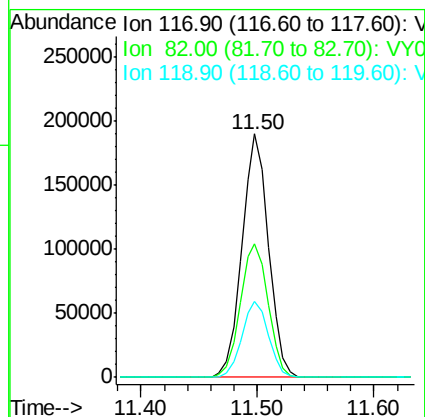
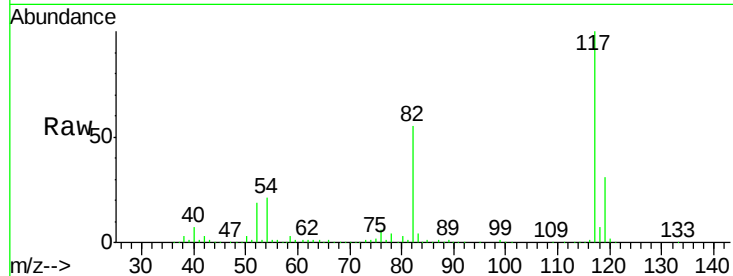
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Instrument :
MSVOA_Y
ClientSampleId :
30529

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.5	68.3
119	31.2	25.8	38.6

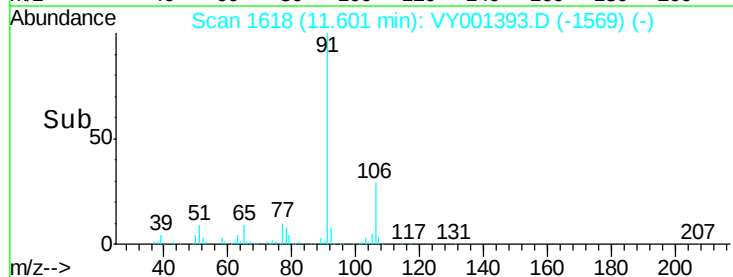
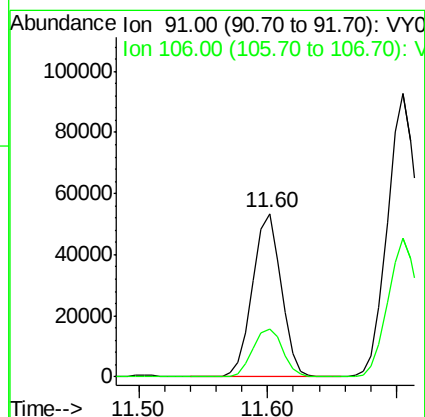
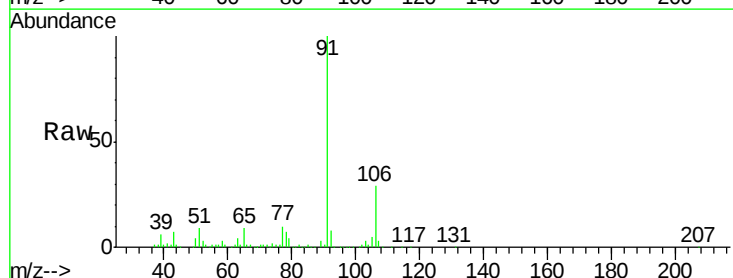
Manual Integrations
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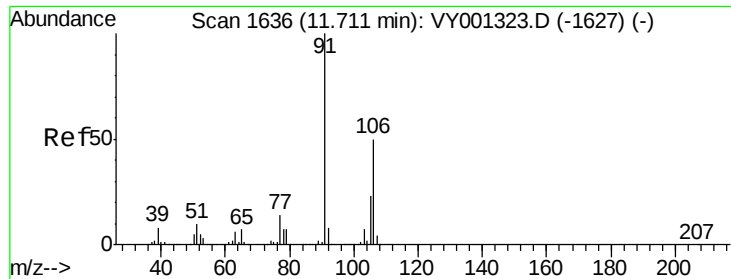
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#67
Ethyl Benzene
Concen: 7.002 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.4	25.4	38.0





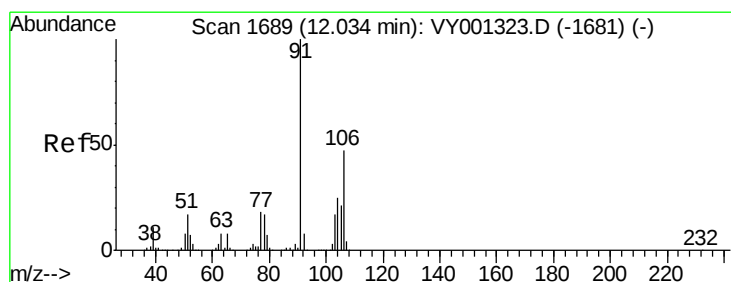
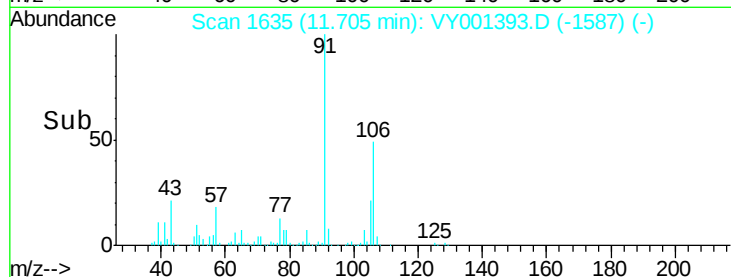
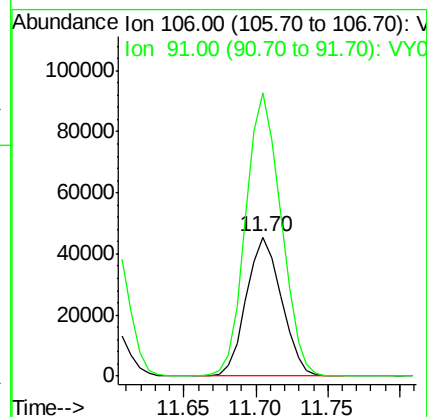
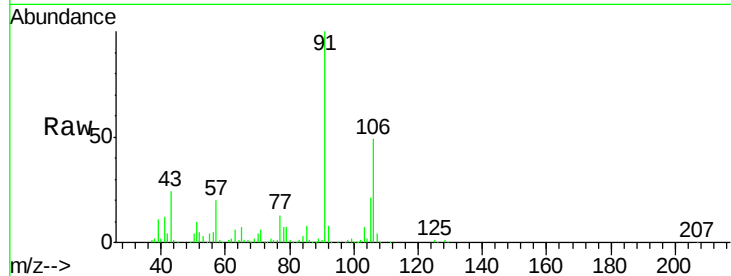
#68
m/p-Xvlenes
Concen: 17.640 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Instrument :
MSVOA_Y
ClientSampled :
30529

Tot Ion:106 Resp: 76904
Ion Ratio Lower Upper
106 100
91 204.5 162.8 244.2

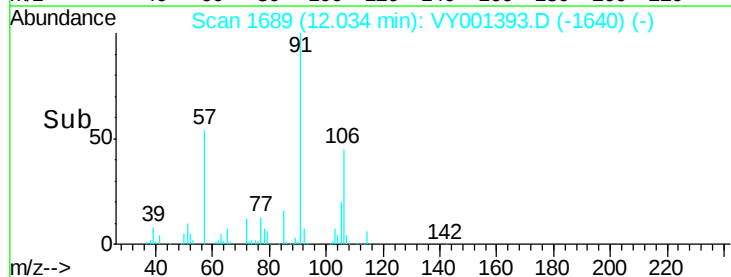
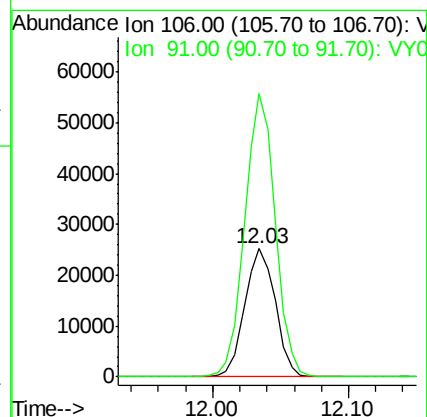
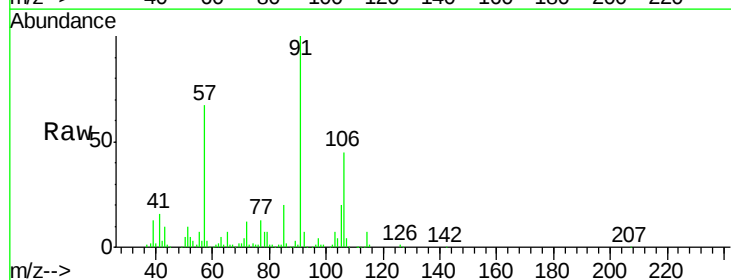
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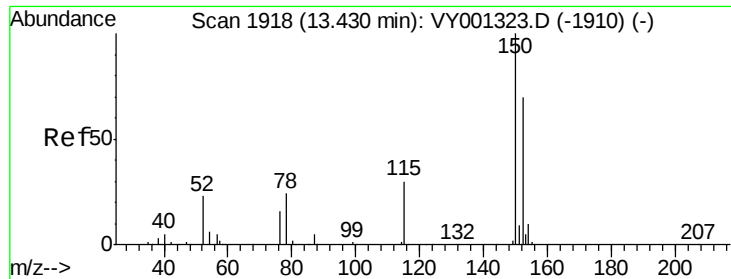
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#69
o-Xylene
Concen: 9.443 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion:106 Resp: 39603
Ion Ratio Lower Upper
106 100
91 220.0 106.3 319.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Instrument :

MSVOA_Y

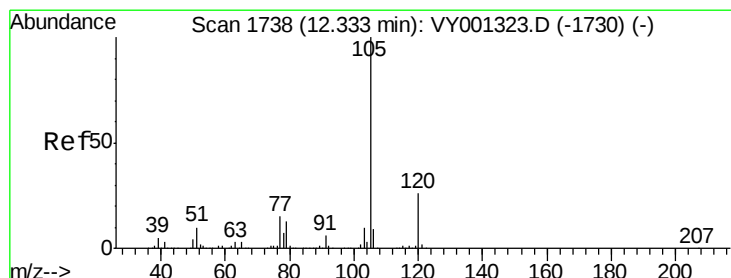
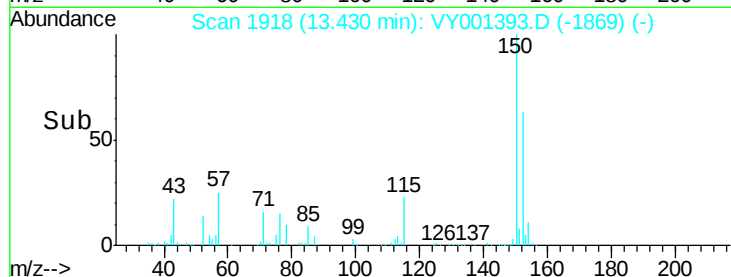
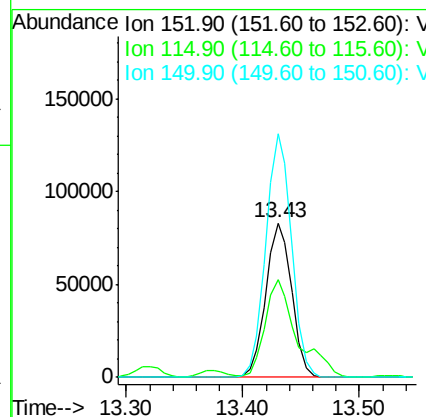
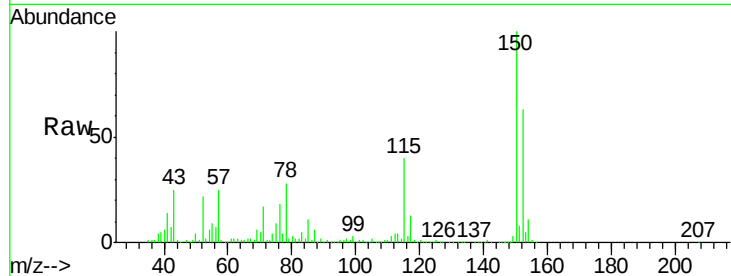
ClientSampleId :

30529

Tot Ion	Ratio	Lower	Upper
152	100		
115	78.1	30.9	92.8
150	156.0	0.0	349.2

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#73

Isopropylbenzene

Concen: 3.378 ug/l

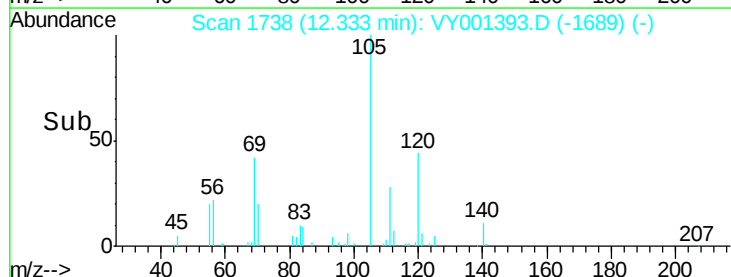
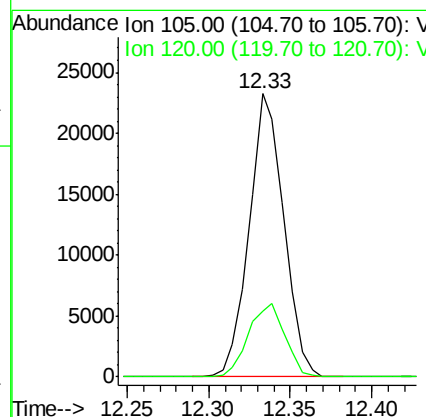
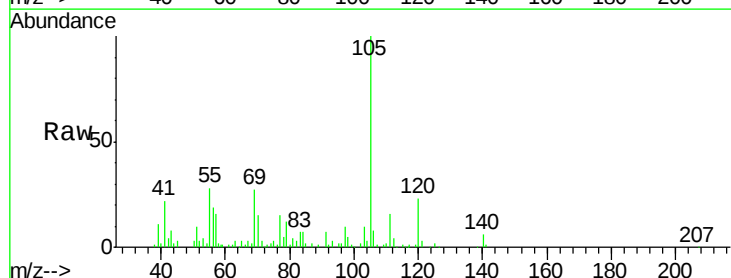
RT: 12.33 min Scan# 1738

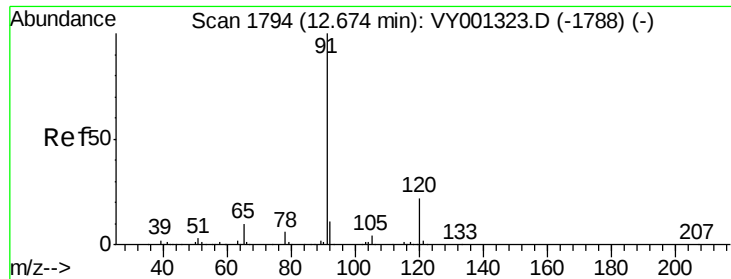
Delta R.T. -0.00 min

Lab File: VY001393.D

Acq: 24 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.4





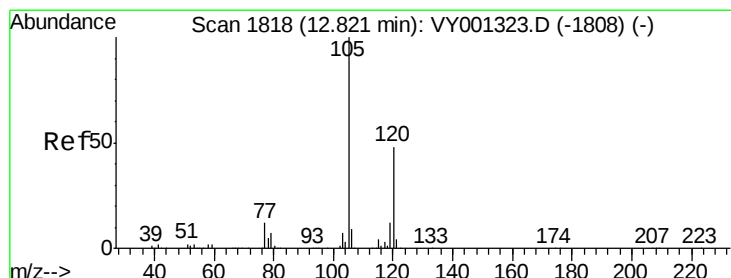
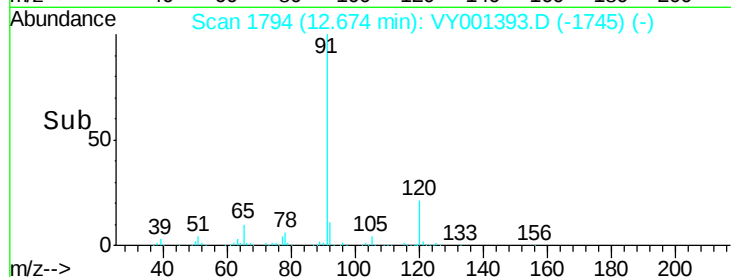
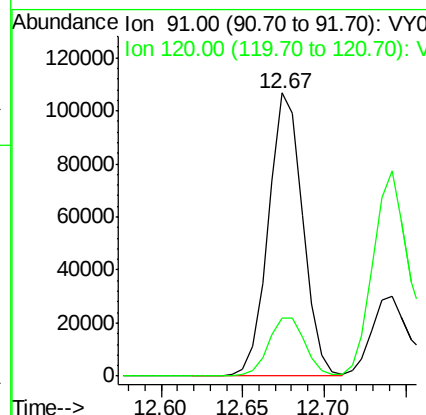
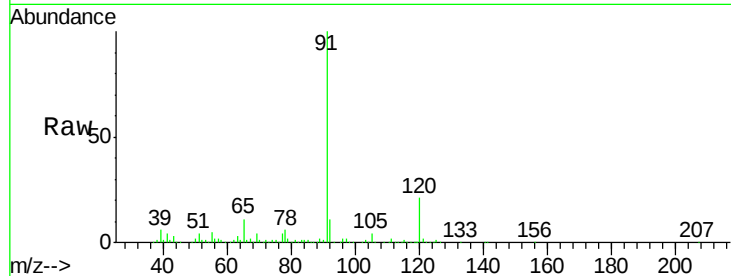
#78
n-propylbenzene
Concen: 12.713 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Instrument :
MSVOA_Y
ClientSampleId :
30529

Tot Ion: 91 Resp: 155692
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.8

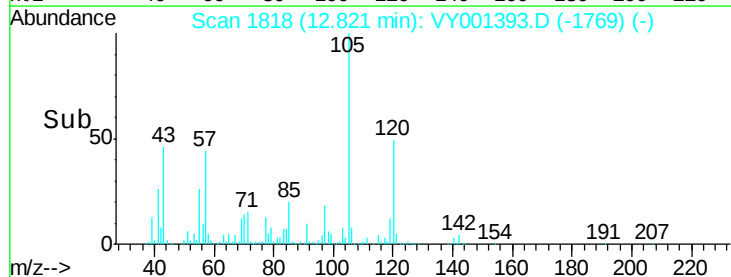
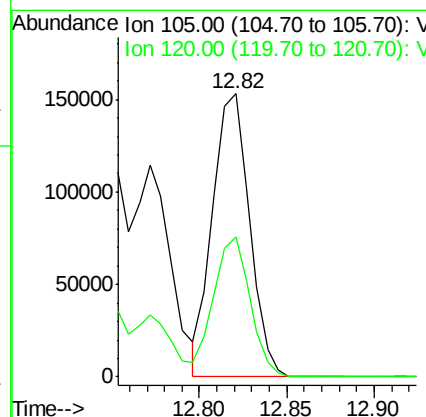
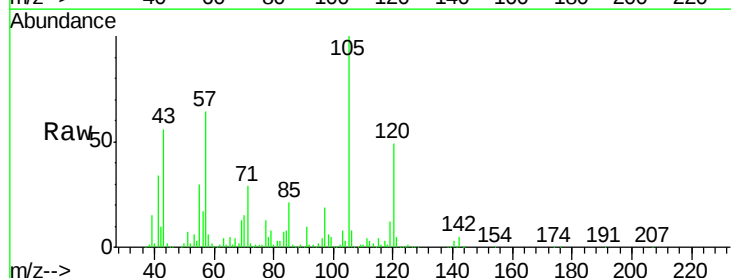
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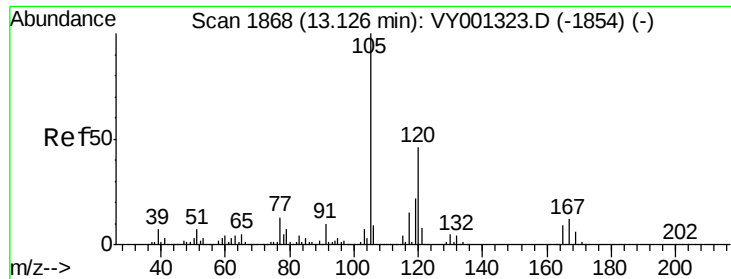
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#80
1,3,5-Trimethylbenzene
Concen: 26.539 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion: 105 Resp: 225402
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





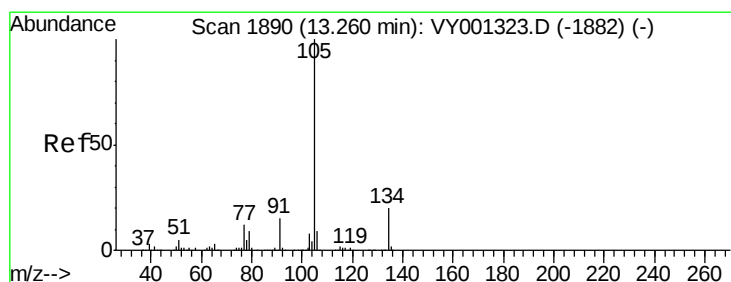
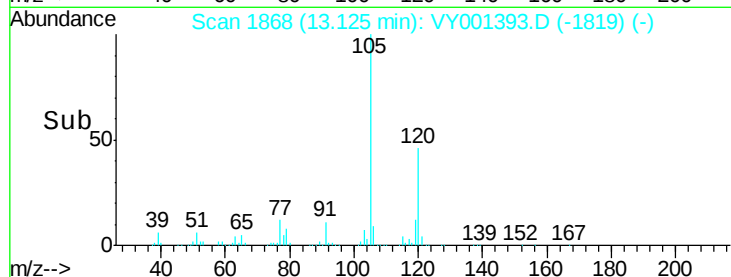
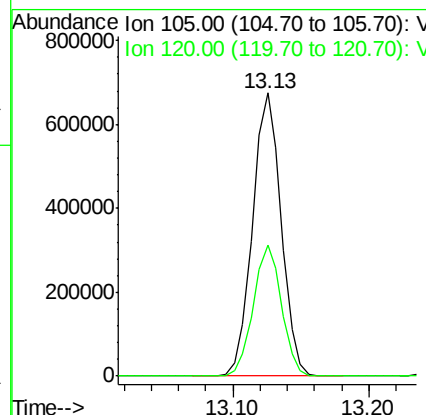
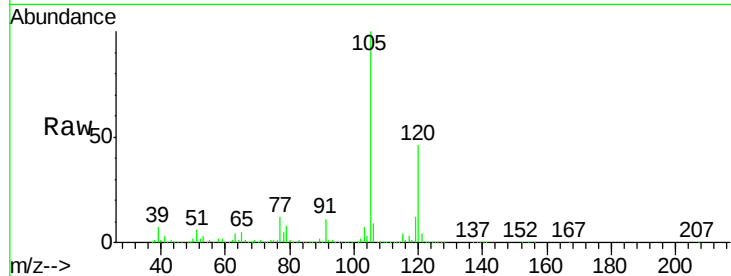
#84
1,2,4-Trimethylbenzene
Concen: 116.728 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Instrument :
MSVOA_Y
ClientSampled :
30529

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.4	67.3

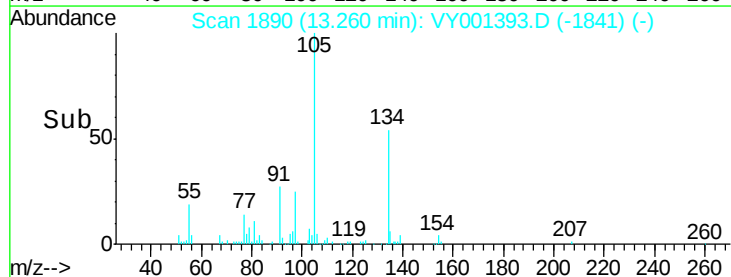
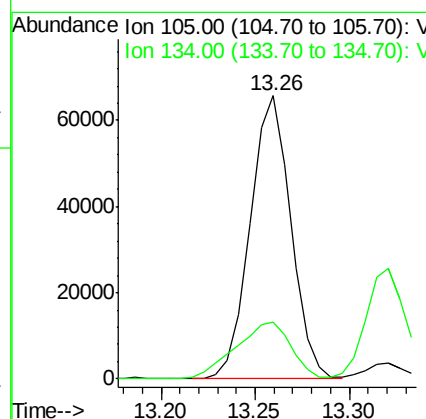
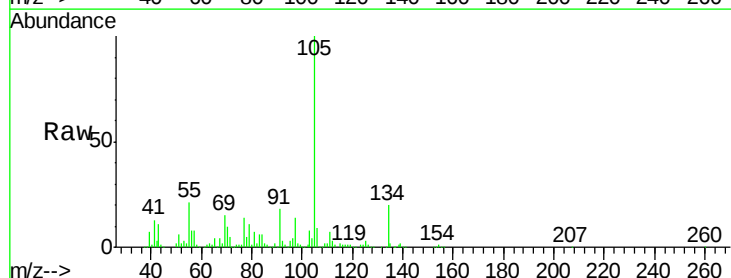
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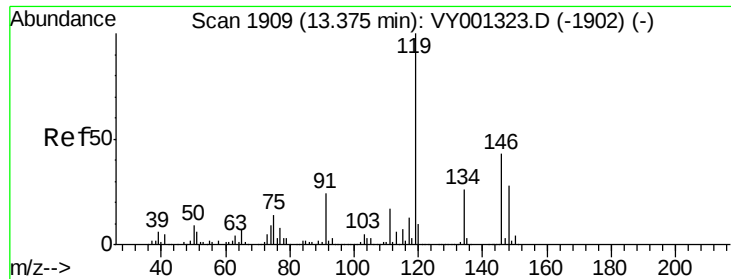
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#85
sec-Butylbenzene
Concen: 9.647 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
105	100		
134	27.6	9.8	29.4





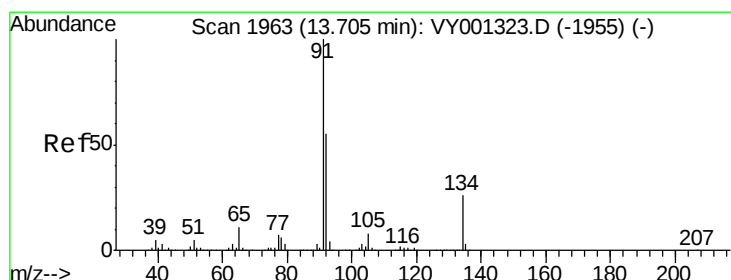
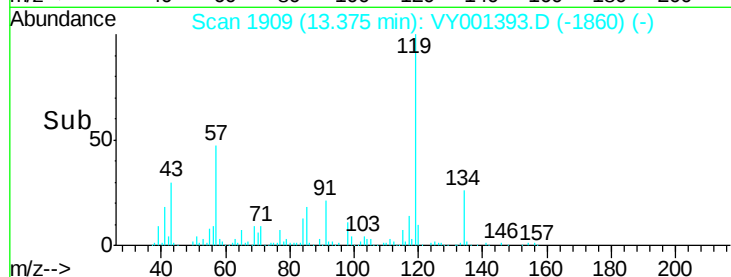
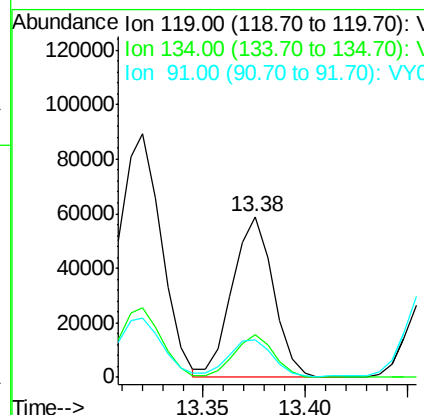
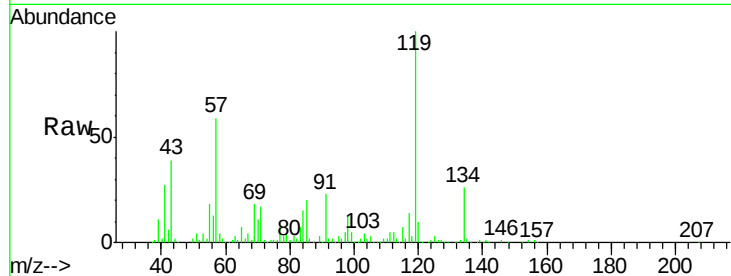
#86
 p-Isopropyltoluene
 Concen: 9.179 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 30529

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.5	40.4
91	24.5	12.2	36.6

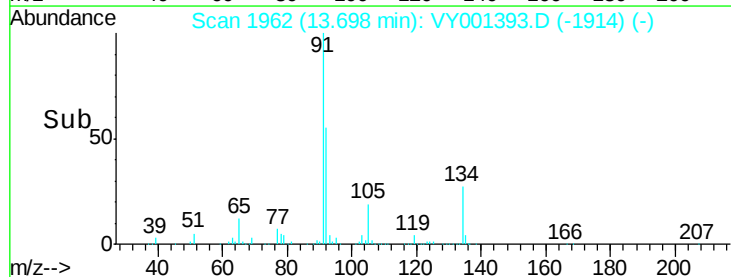
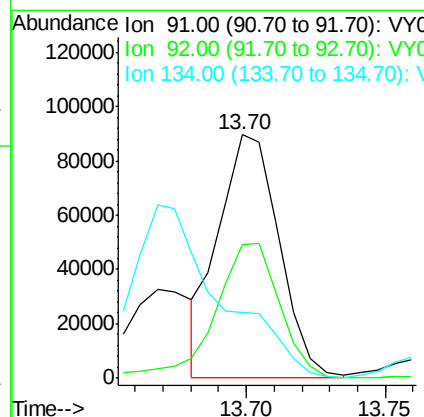
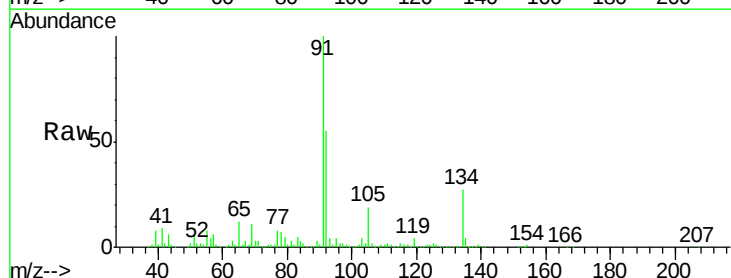
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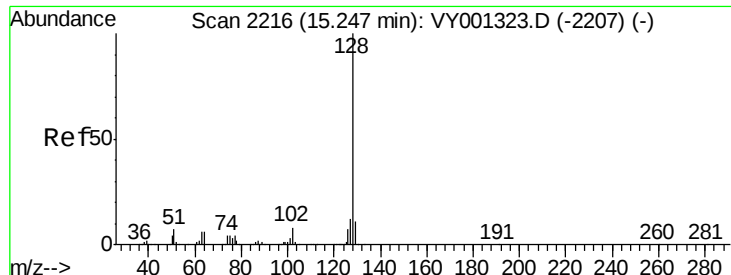
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#89
 n-Butylbenzene
 Concen: 15.081 ug/l m
 RT: 13.70 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VY001393.D
 Acq: 24 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.2	27.6	82.8
134	0.0	12.9	38.6#





#95
Naphthalene
Concen: 49.506 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001393.D
Acq: 24 Jan 2020 19:15

Instrument :
MSVOA_Y
ClientSampleId :
30529

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.7	13.1

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