

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001395.D
 Acq On : 24 Jan 2020 20:00
 Operator : SY/MD
 Sample : L1008-15
 Misc : 7.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-012420

Manual Integrations
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Quant Time: Jan 25 05:01:47 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	137823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	249073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	236629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115539	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	75977	50.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.32%	
35) Dibromofluoromethane	7.74	113	71130	48.66	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	97.32%	
50) Toluene-d8	10.19	98	359186	63.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	126.48%	
62) 4-Bromofluorobenzene	12.49	95	193831	85.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	171.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	65044	161.972	ug/l	100
17) Carbon Disulfide	4.22	76	4670	1.015	ug/l #	78
25) 2-Butanone	7.02	43	6860	10.509	ug/l	90
31) Cyclohexane	7.80	56	89341	30.807	ug/l #	81
39) Methylcyclohexane	9.20	83	591377	196.181	ug/l	98
40) Benzene	8.18	78	90225	12.788	ug/l	99
52) Toluene	10.25	92	50235	11.232	ug/l	100
67) Ethyl Benzene	11.60	91	53355	5.805	ug/l	100
68) m/p-Xylenes	11.70	106	31734	9.244	ug/l	86
69) o-Xylene	12.03	106	12765	3.865	ug/l	64
73) Isopropylbenzene	12.33	105	263374	28.888	ug/l	99
78) n-propylbenzene	12.68	91	676191	61.620	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	25969	3.399	ug/l	97
85) sec-Butylbenzene	13.26	105	522265	57.303	ug/l #	78
86) p-Isopropyltoluene	13.38	119	121084m	15.076	ug/l	
89) n-Butylbenzene	13.70	91	612611	75.788	ug/l #	85
95) Naphthalene	15.24	128	123626	22.460	ug/l #	69

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

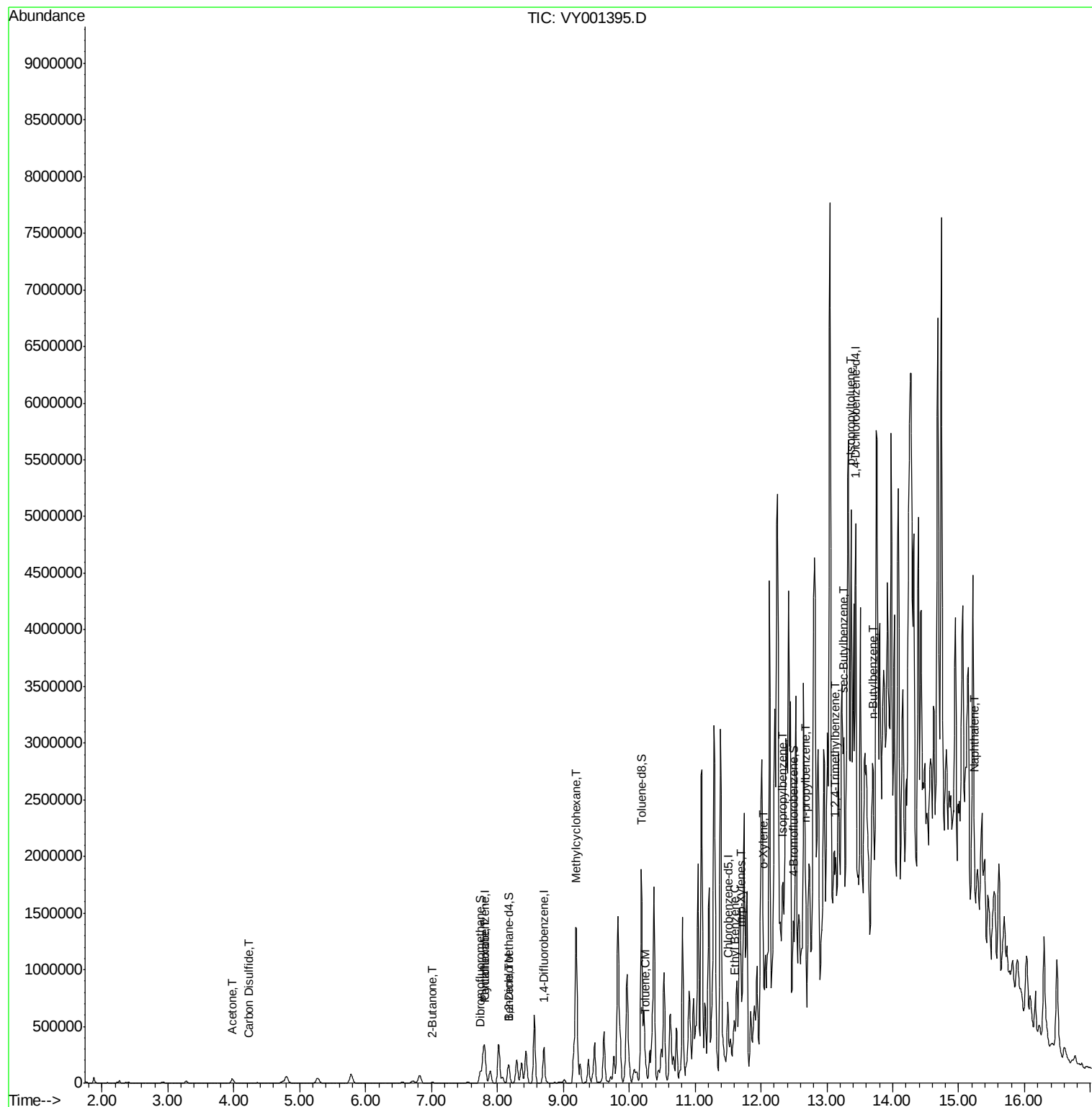
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001395.D
Acq On : 24 Jan 2020 20:00
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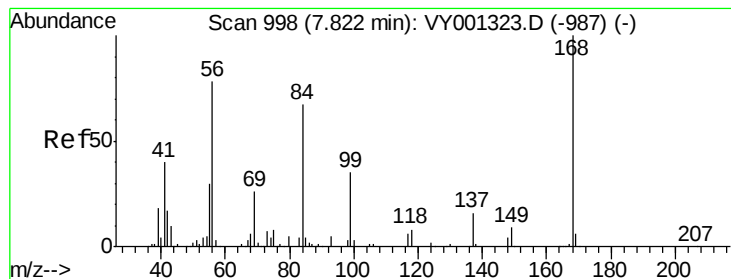
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012420

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Quant Time: Jan 25 05:01:47 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: VY001395.D

Acq: 24 Jan 2020 20:00

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-012420

Tot Ion:168 Resp: 137823

Ion Ratio Lower Upper

168 100

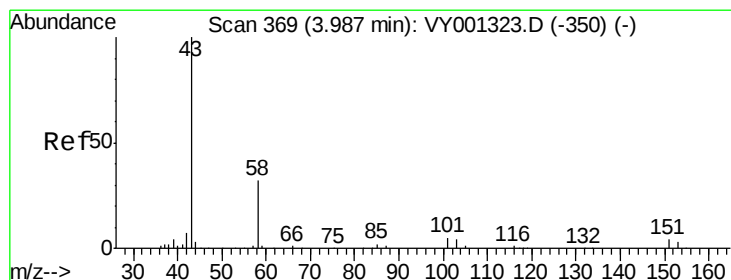
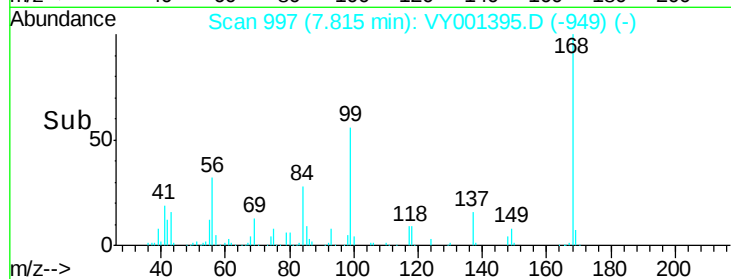
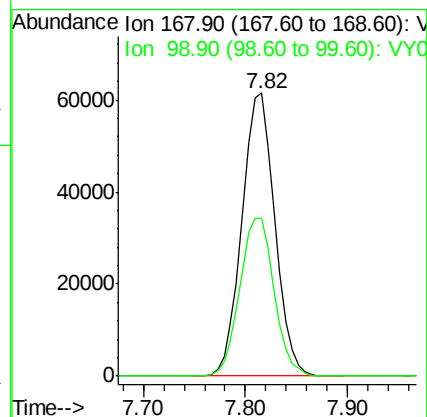
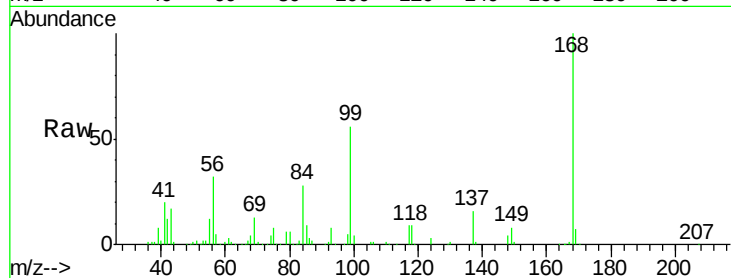
99 55.9 44.3 66.5

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#16

Acetone

Concen: 161.972 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001395.D

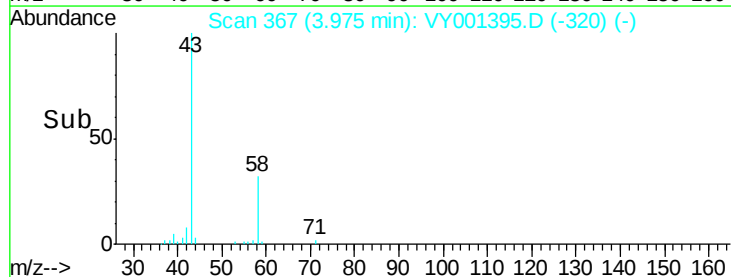
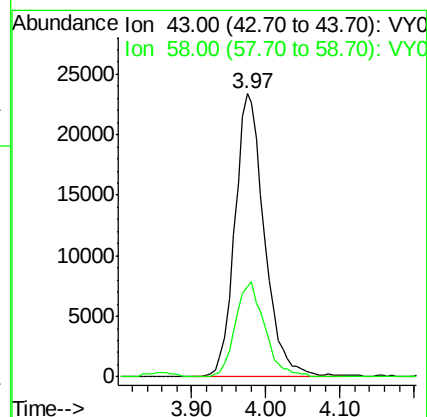
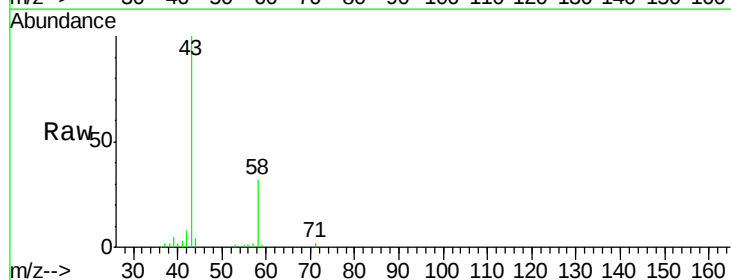
Acq: 24 Jan 2020 20:00

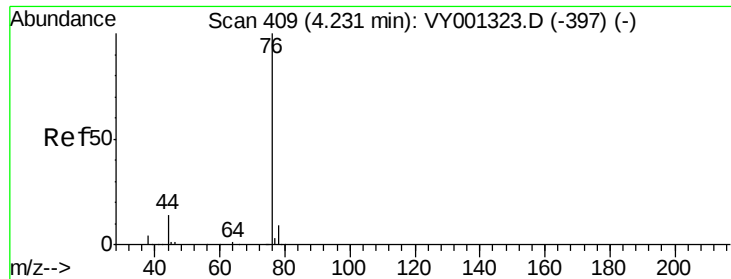
Tgt Ion: 43 Resp: 65044

Ion Ratio Lower Upper

43 100

58 31.6 25.4 38.0





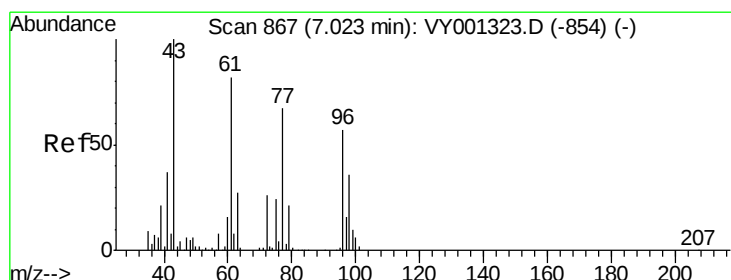
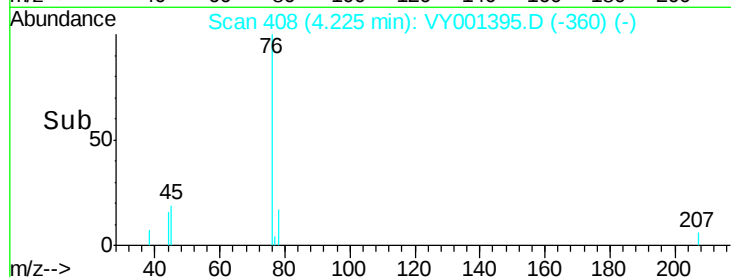
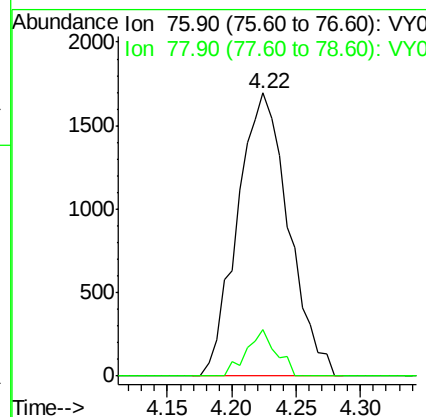
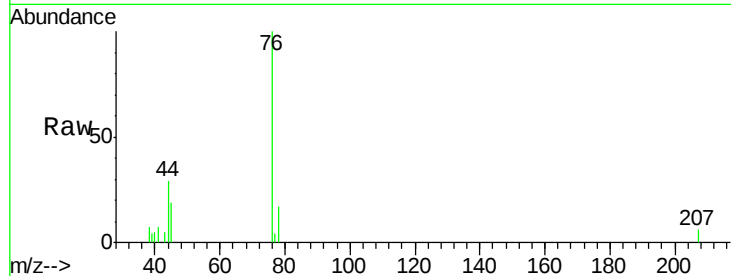
#17
Carbon Disulfide
Concen: 1.015 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.01 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012420

Tot Ion	Ratio	Lower	Upper
76	100		
78	16.6	7.0	10.6#

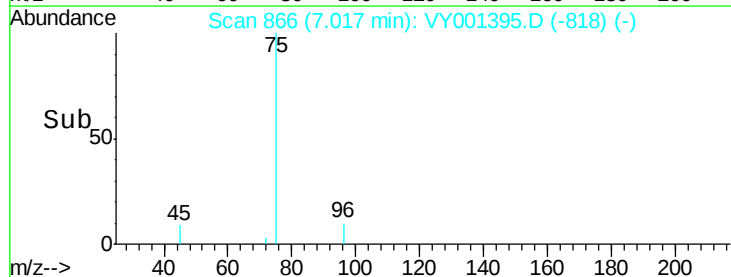
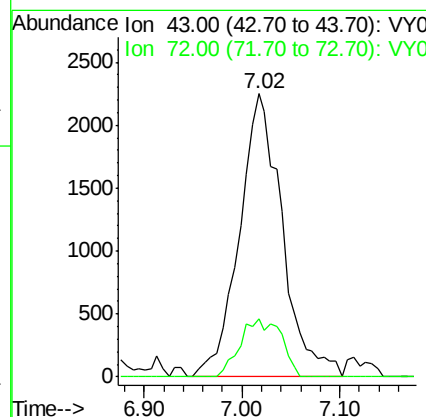
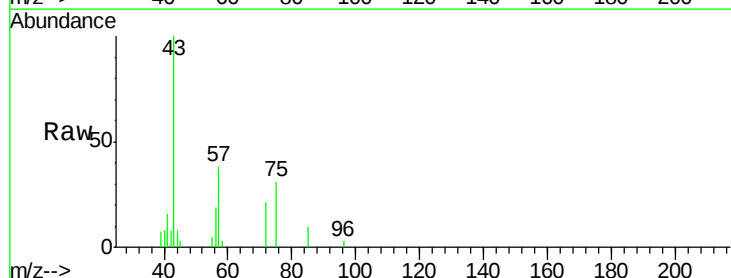
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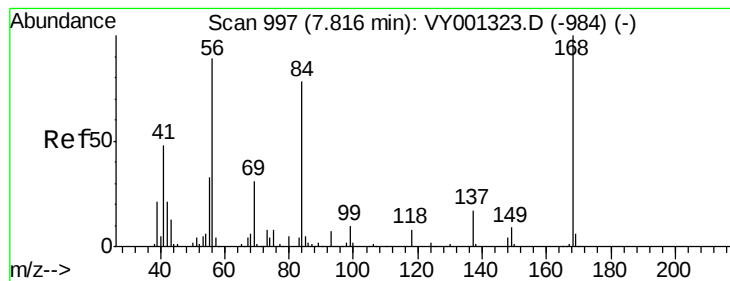
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#25
2-Butanone
Concen: 10.509 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.7	20.6	31.0





#31

Cyclohexane

Concen: 30.807 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001395.D

Acq: 24 Jan 2020 20:00

Instrument :

MSVOA_Y

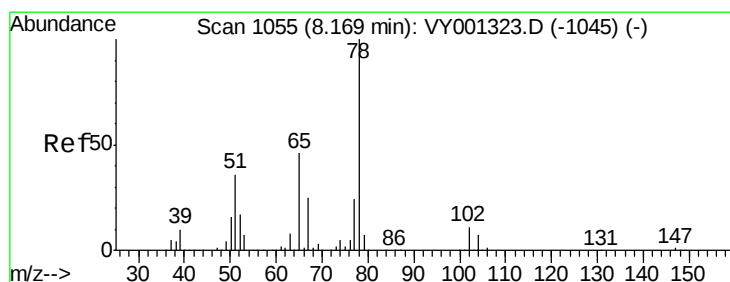
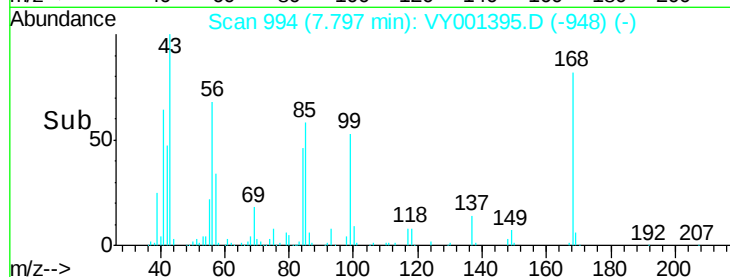
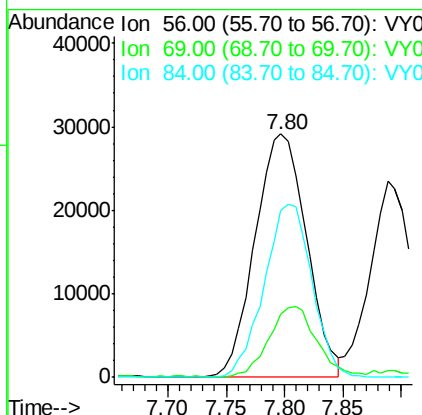
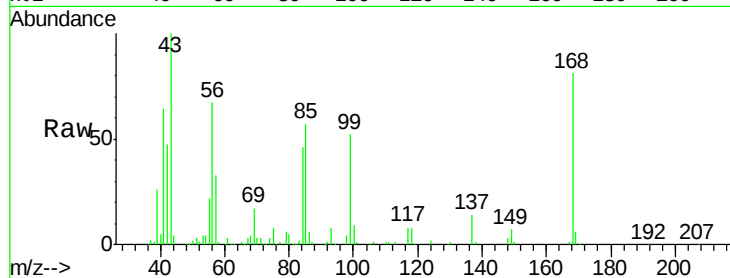
ClientSampleId :

CL-02-012420

Tot Ion:	56	Resp:	89341
Ion	Ratio	Lower	Upper
56	100		
69	25.5	27.6	41.4#
84	68.3	69.7	104.5#

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#33

1,2-Dichloroethane-d4

Concen: 50.661 ug/l

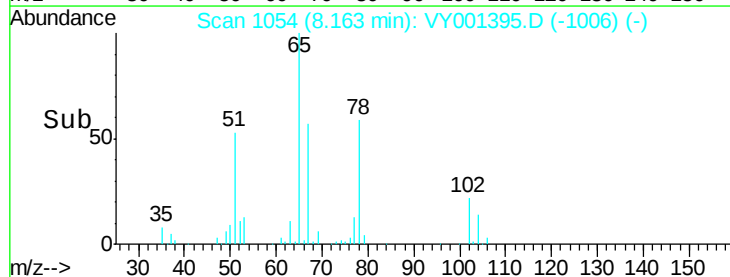
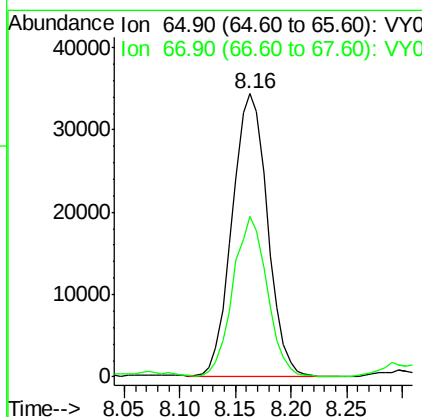
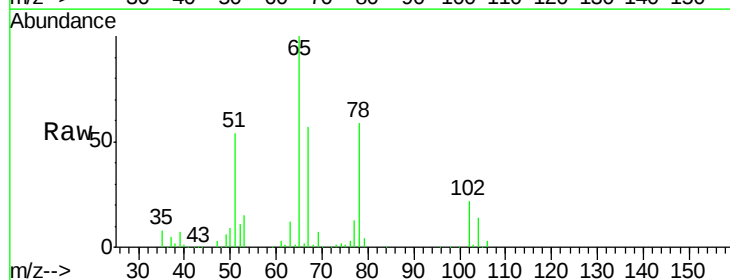
RT: 8.16 min Scan# 1054

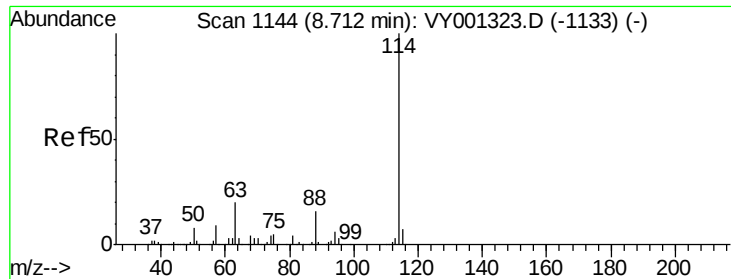
Delta R.T. -0.01 min

Lab File: VY001395.D

Acq: 24 Jan 2020 20:00

Tgt Ion:	65	Resp:	75977
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	108.6





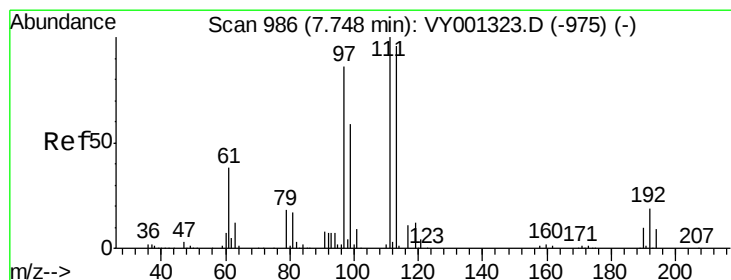
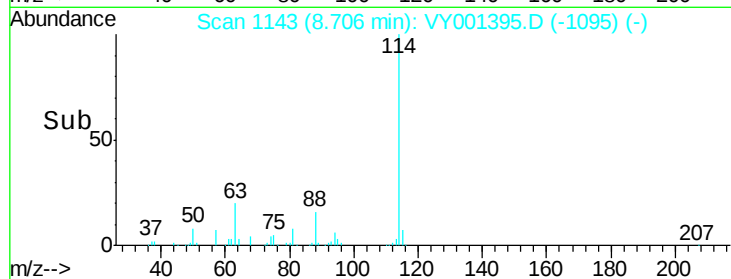
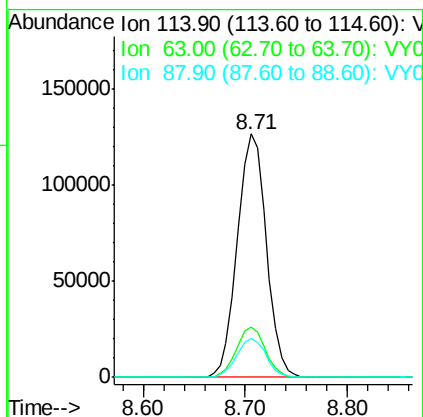
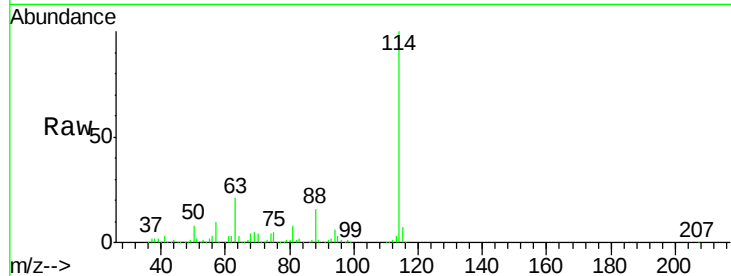
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001395.D
 Acq: 24 Jan 2020 20:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-012420

Tot Ion	Ratio	Resp	Lower	Upper
114	100	249073		
63	20.7		0.0	40.8
88	15.8		0.0	31.0

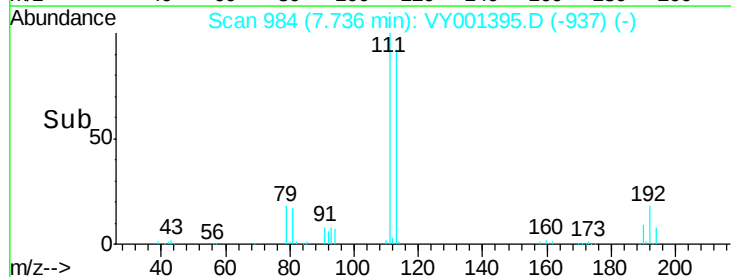
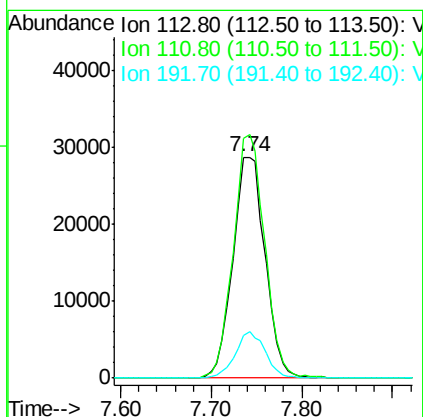
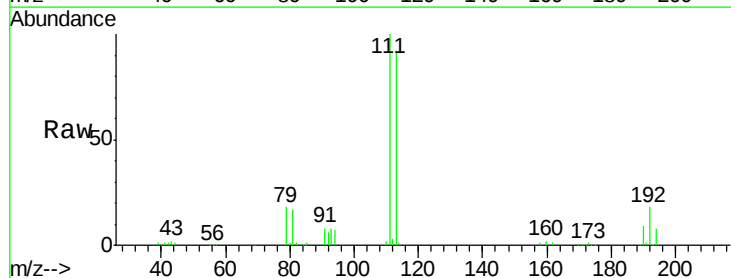
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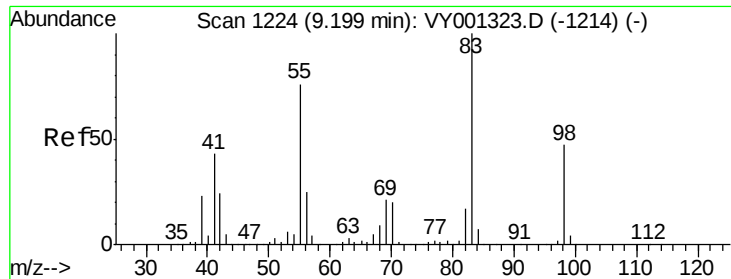
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#35
 Dibromofluoromethane
 Concen: 48.658 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001395.D
 Acq: 24 Jan 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	71130		
111	107.2		82.8	124.2
192	19.7		15.5	23.3





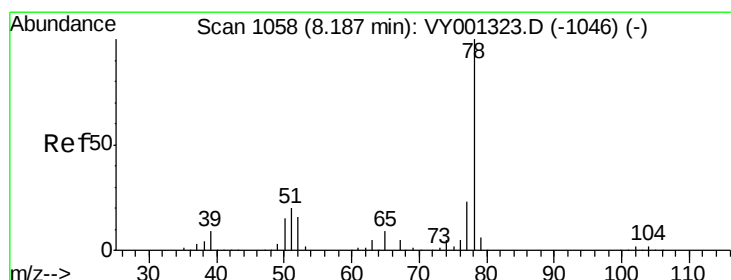
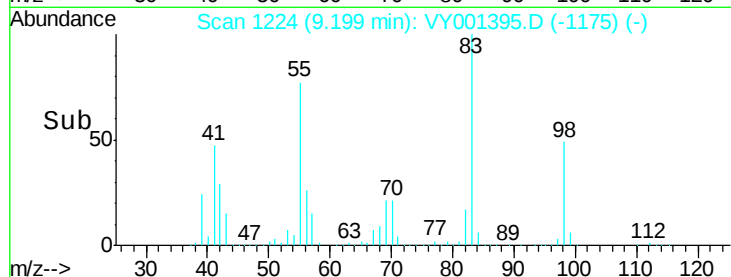
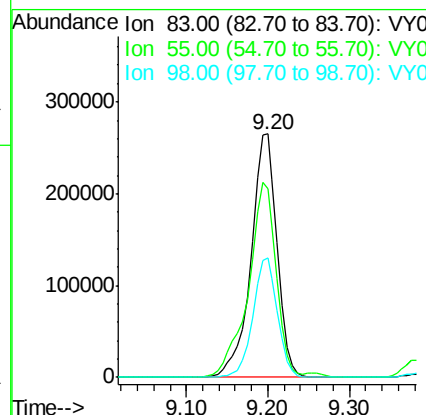
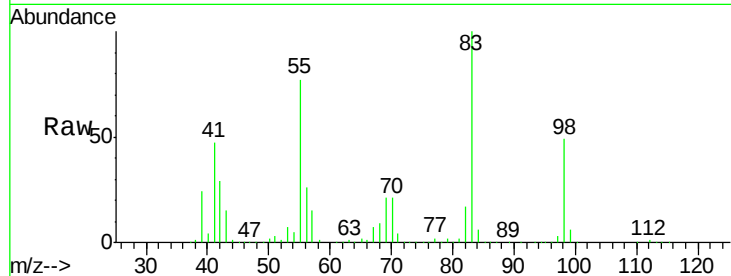
#39
Methvlcvclohexane
Concen: 196.181 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012420

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.7	91.1
98	48.9	37.8	56.8

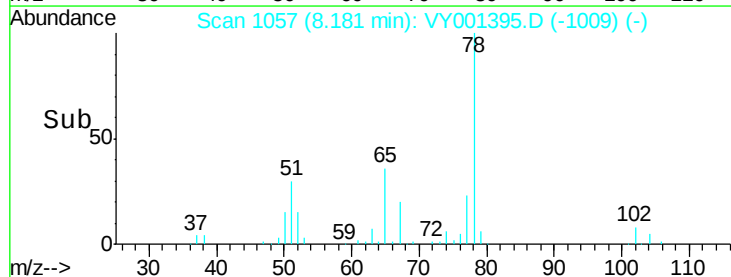
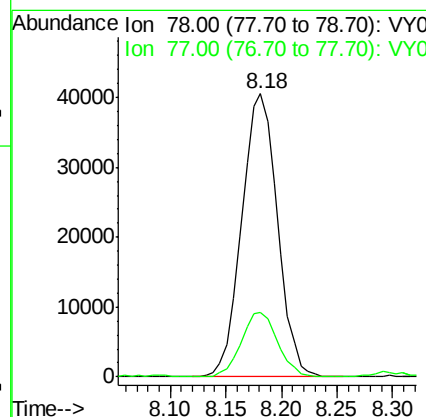
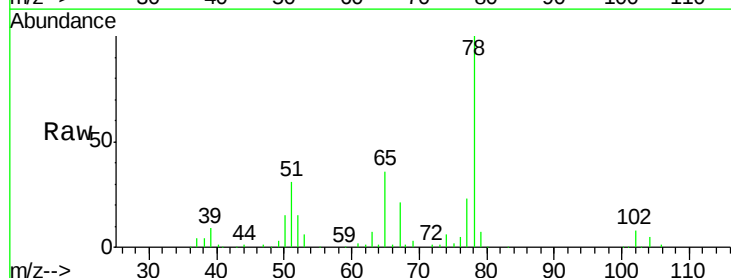
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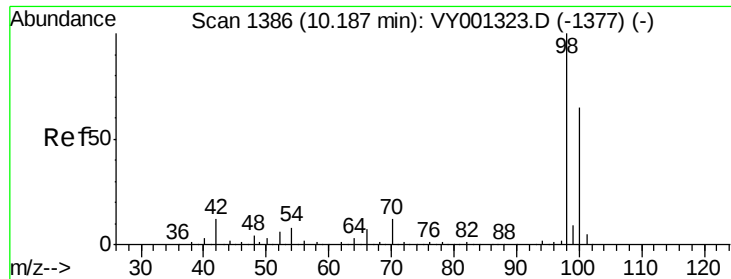
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#40
Benzene
Concen: 12.788 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	27.8





#50

Toluene-d8

Concen: 63.242 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001395.D

Acq: 24 Jan 2020 20:00

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-012420

Tot Ion: 98 Resp: 359186

Ion Ratio Lower Upper

98 100

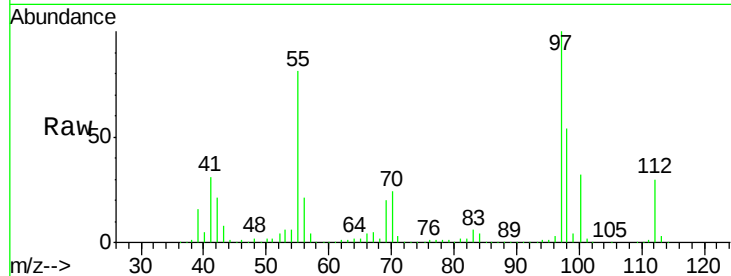
100 54.2 52.6 79.0

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Abundance Ion 98.00 (97.70 to 98.70): VY001395.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001395.D (-1377) (-)

10.19

200000

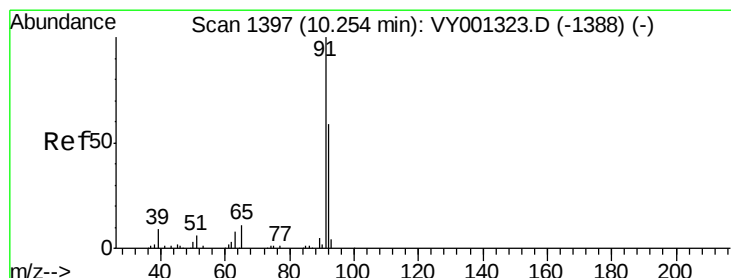
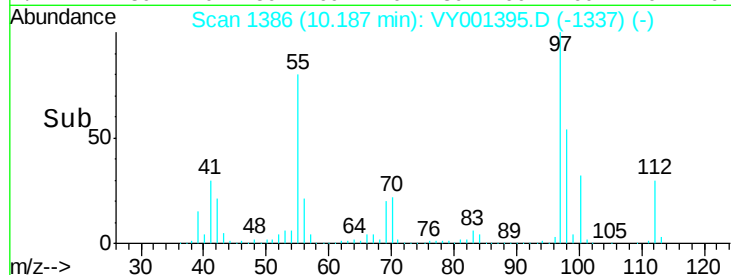
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 11.232 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001395.D

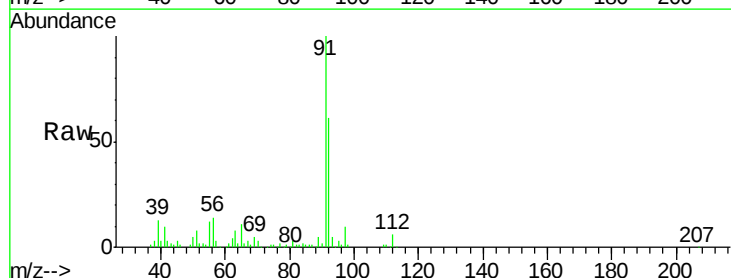
Acq: 24 Jan 2020 20:00

Tgt Ion: 92 Resp: 50235

Ion Ratio Lower Upper

92 100

91 170.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY001395.D (-1348) (-)

Ion 91.00 (90.70 to 91.70): VY001395.D (-1348) (-)

10.25

60000

50000

40000

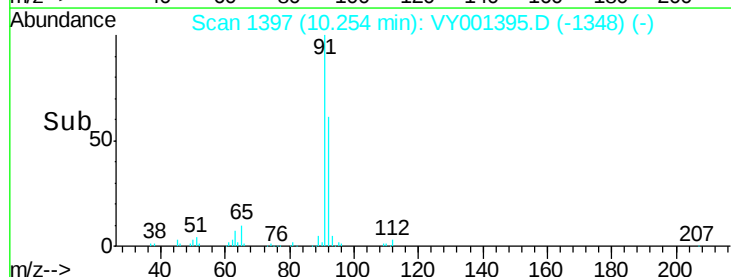
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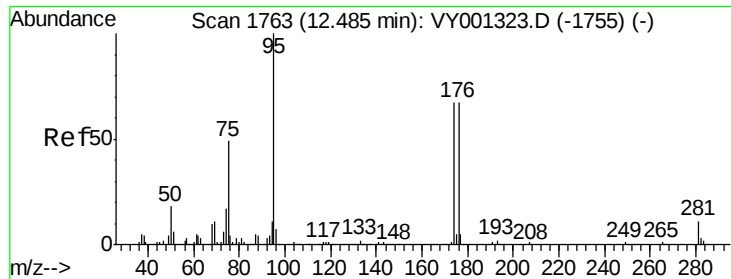
20000

10000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 85.698 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001395.D

Acq: 24 Jan 2020 20:00

Instrument :

MSVOA_Y

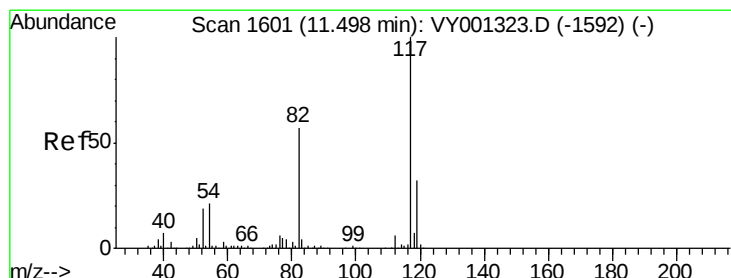
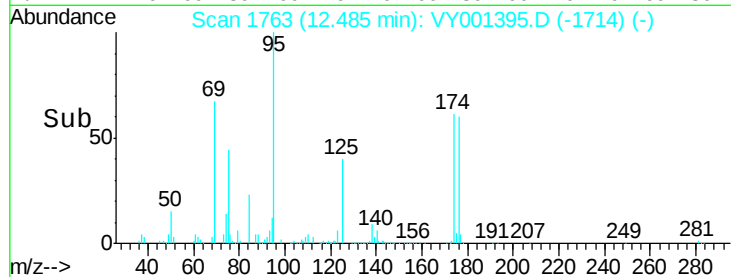
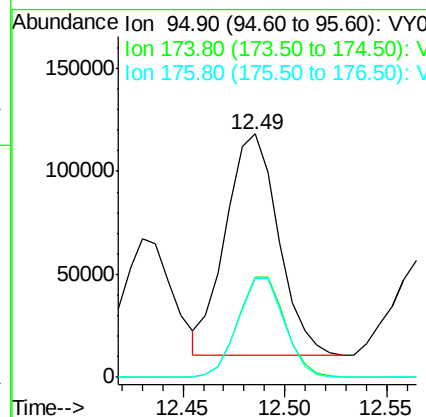
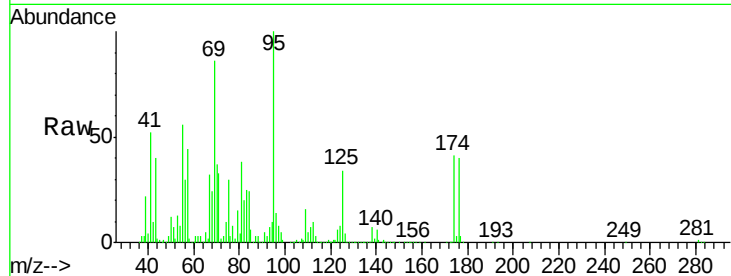
ClientSampleId :

CL-02-012420

Tot Ion:	95	Resp:	193831
Ion Ratio	Lower	Upper	
95	100		
174	40.7	0.0	142.0
176	39.5	0.0	138.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

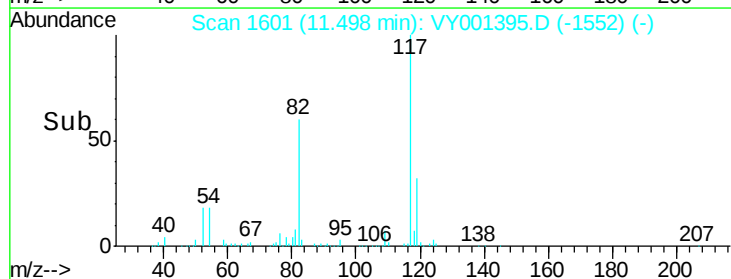
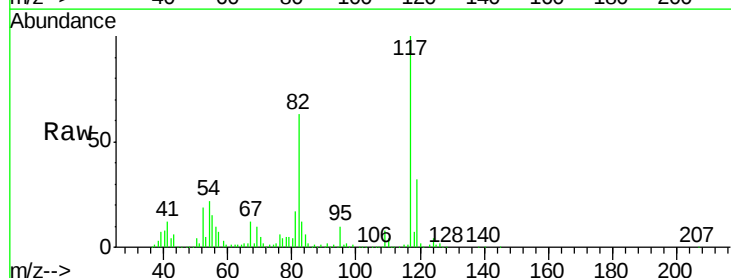
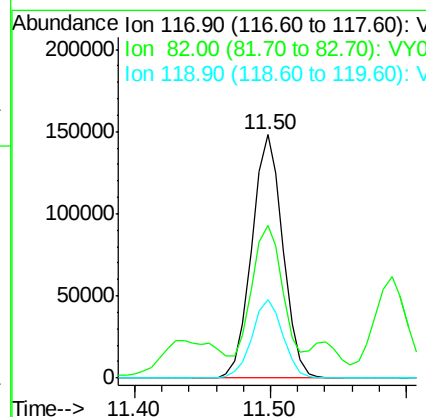
RT: 11.50 min Scan# 1601

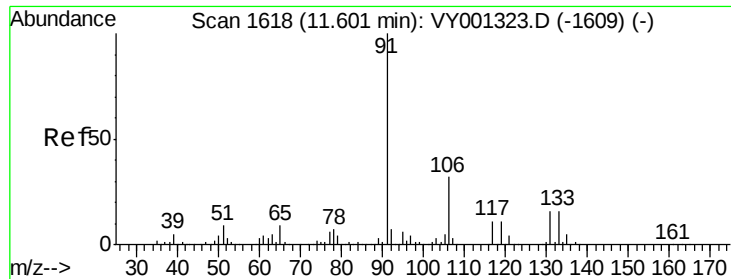
Delta R.T. -0.00 min

Lab File: VY001395.D

Acq: 24 Jan 2020 20:00

Tgt Ion:	117	Resp:	236629
Ion Ratio	Lower	Upper	
117	100		
82	54.8	45.5	68.3
119	32.4	25.8	38.6





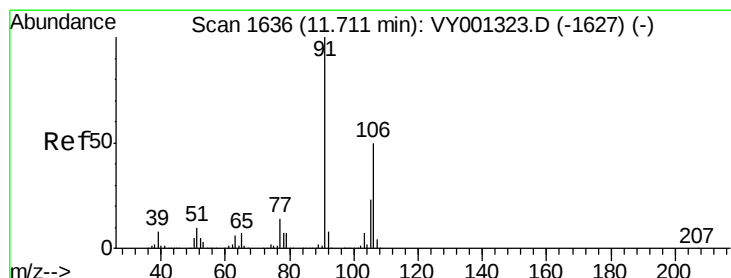
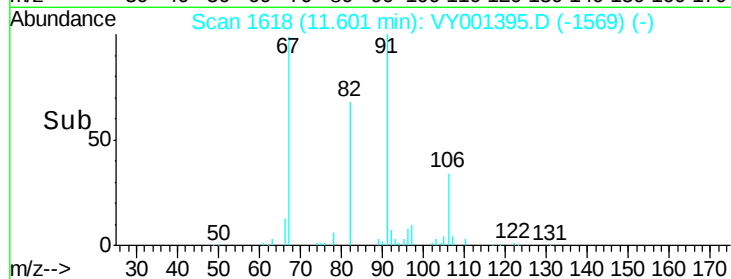
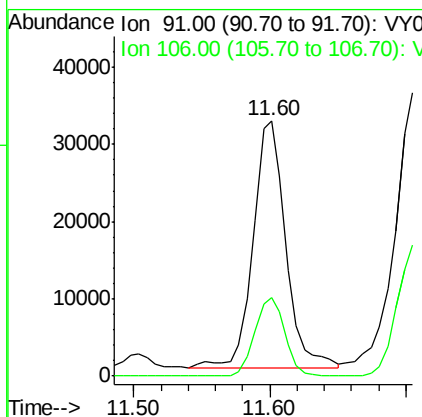
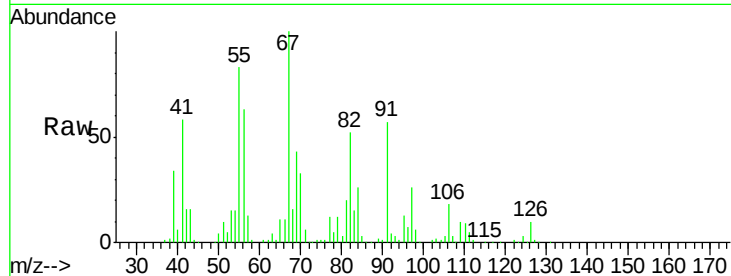
#67
Ethyl Benzene
Concen: 5.805 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012420

Tot Ion: 91 Resp: 53355
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0

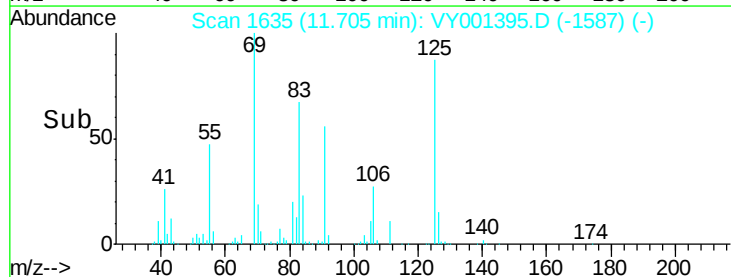
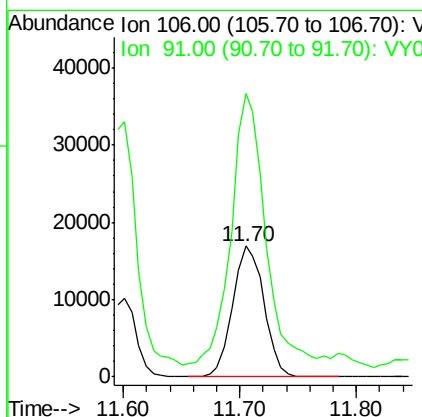
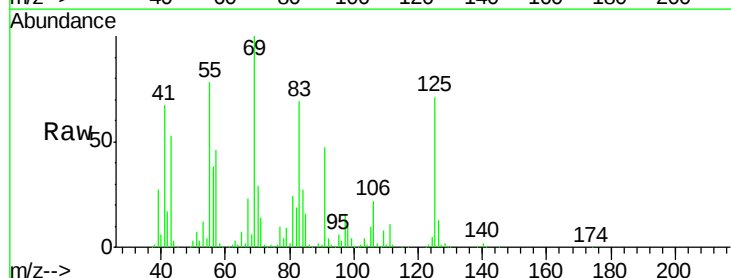
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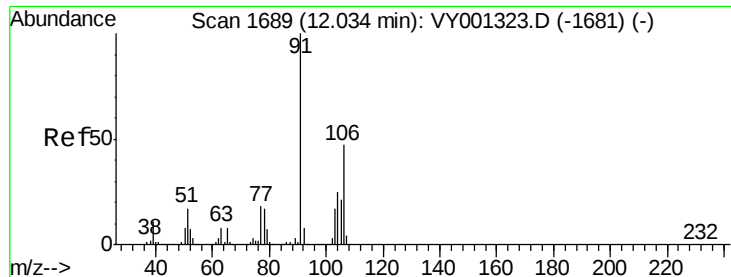
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#68
m/p-Xylenes
Concen: 9.244 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Tgt Ion: 106 Resp: 31734
Ion Ratio Lower Upper
106 100
91 224.8 162.8 244.2





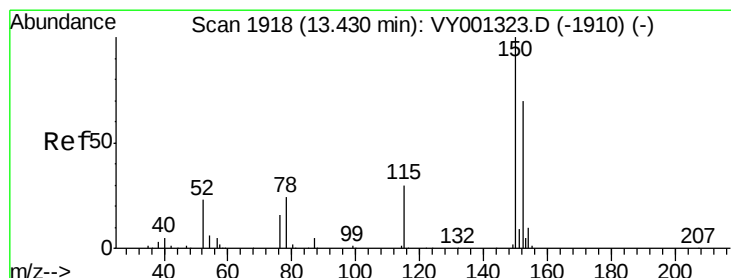
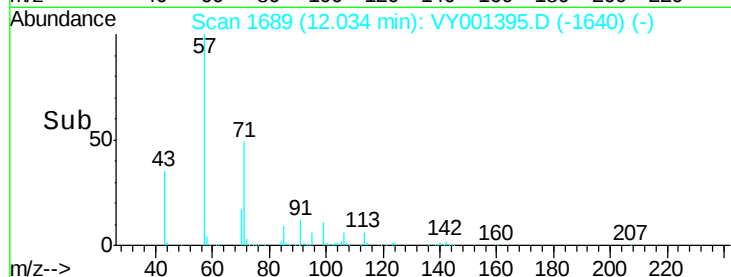
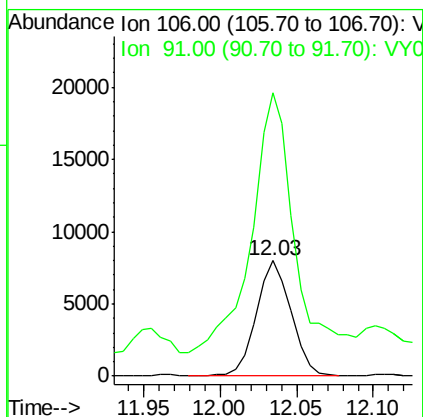
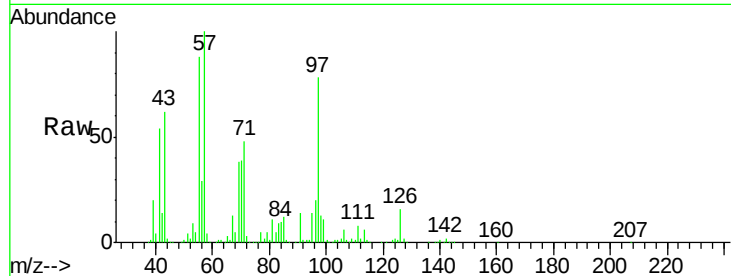
#69
o-Xylene
Concen: 3.865 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012420

Tot Ion:106 Resp: 12765
Ion Ratio Lower Upper
106 100
91 269.3 106.3 319.0

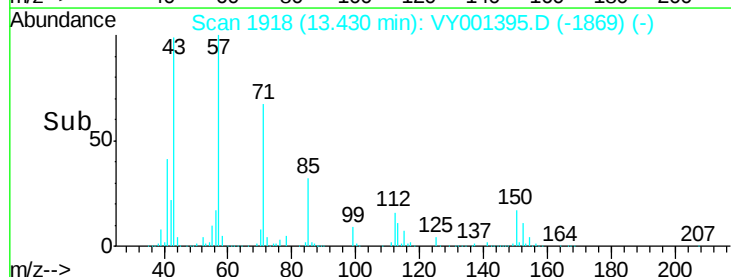
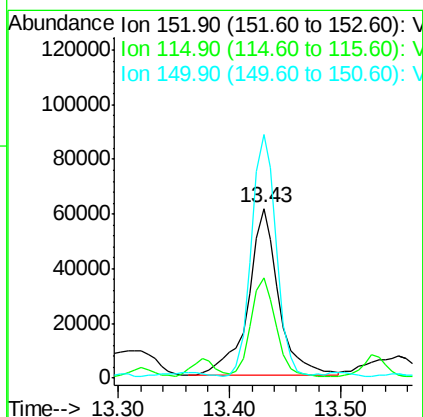
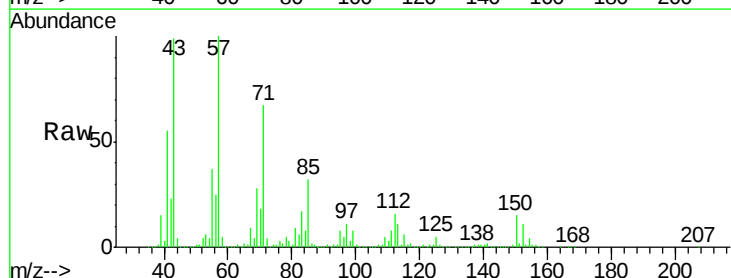
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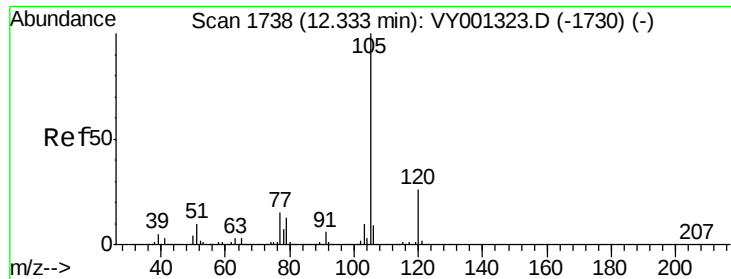
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Tgt Ion:152 Resp: 115539
Ion Ratio Lower Upper
152 100
115 48.7 30.9 92.8
150 118.5 0.0 349.2





#73

Isopropylbenzene

Concen: 28.888 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY001395.D

Acq: 24 Jan 2020 20:00

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-012420

Tot Ion: 105 Resp: 263374

Ion Ratio Lower Upper

105 100

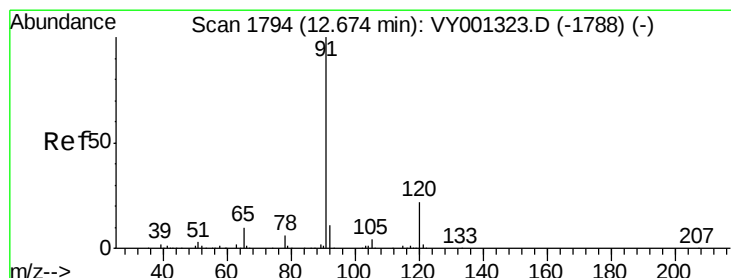
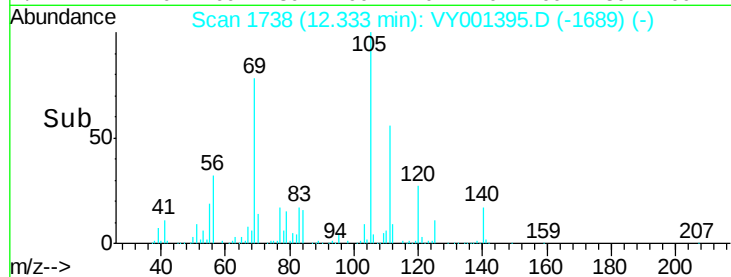
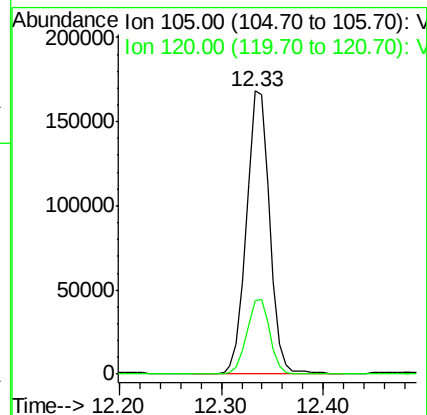
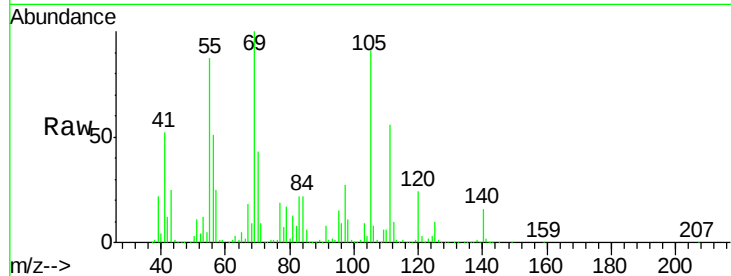
120 26.5 13.5 40.4

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#78

n-propylbenzene

Concen: 61.620 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001395.D

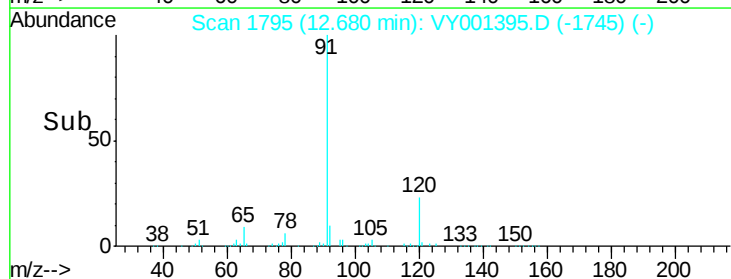
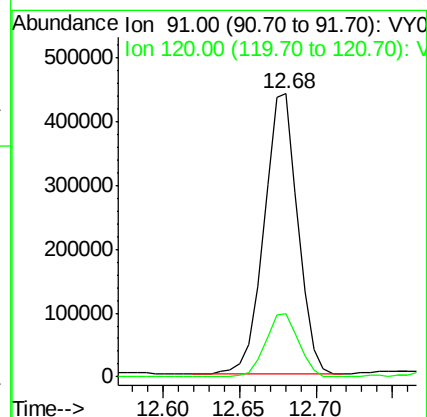
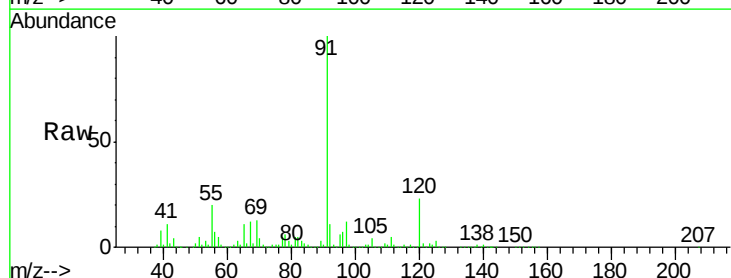
Acq: 24 Jan 2020 20:00

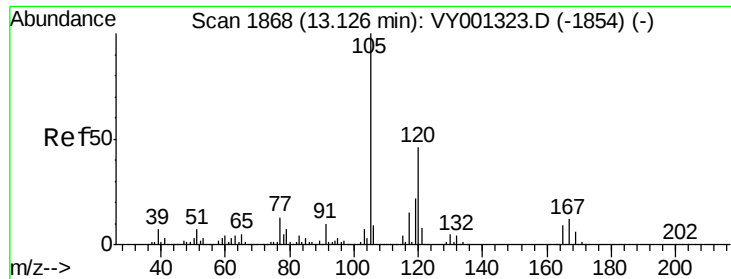
Tgt Ion: 91 Resp: 676191

Ion Ratio Lower Upper

91 100

120 22.1 11.3 33.8





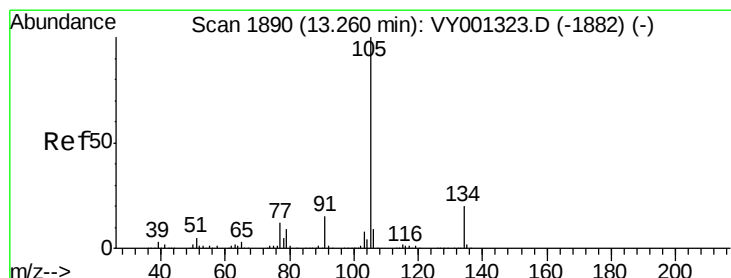
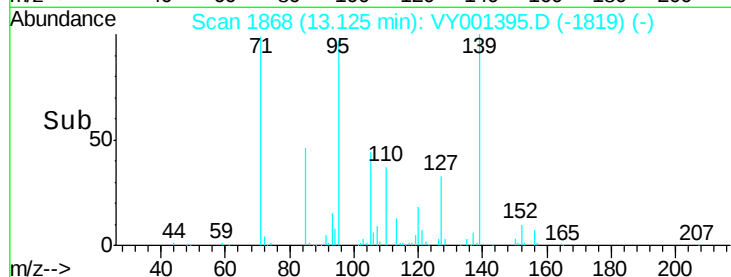
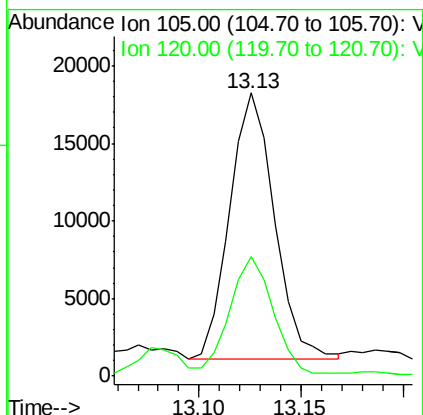
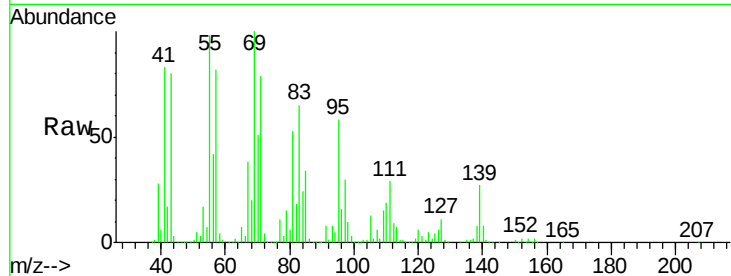
#84
1,2,4-Trimethylbenzene
Concen: 3.399 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012420

Tot Ion:105 Resp: 25969
Ion Ratio Lower Upper
105 100
120 42.9 22.4 67.3

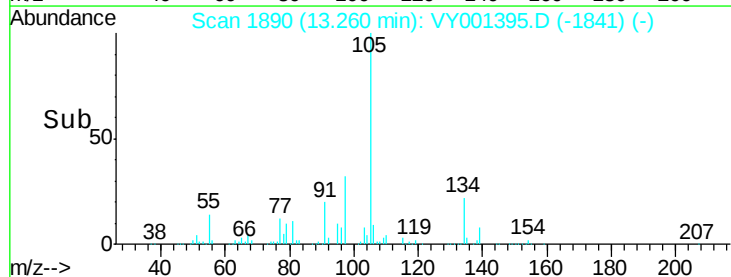
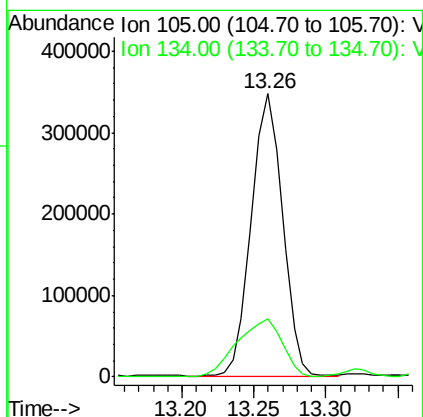
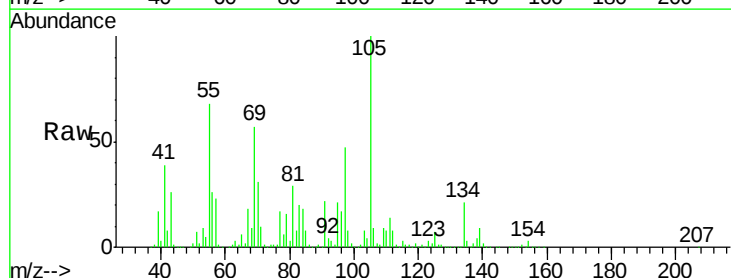
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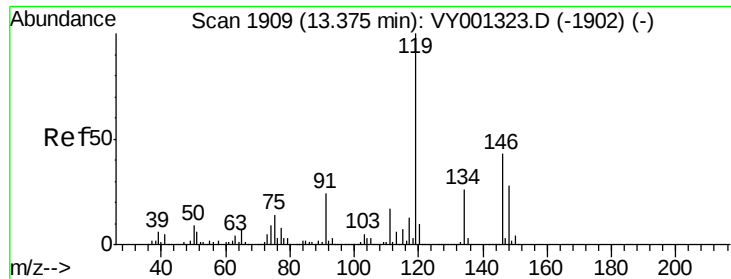
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#85
sec-Butylbenzene
Concen: 57.303 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Tgt Ion:105 Resp: 522265
Ion Ratio Lower Upper
105 100
134 29.6 9.8 29.4#





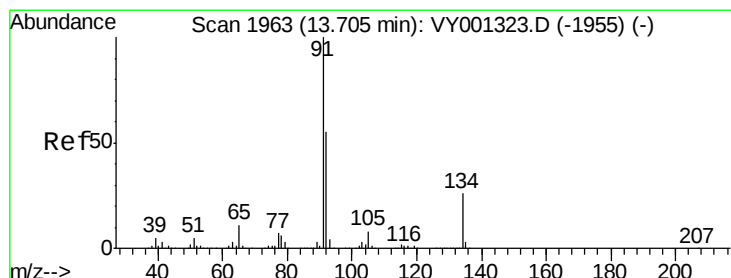
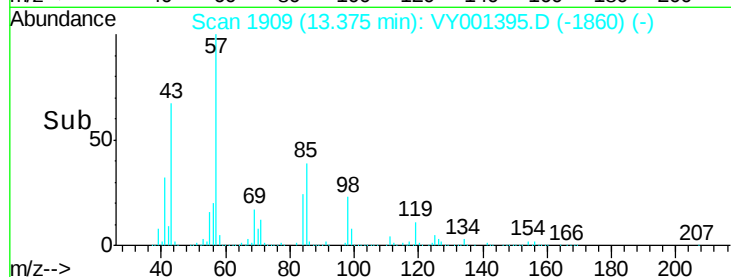
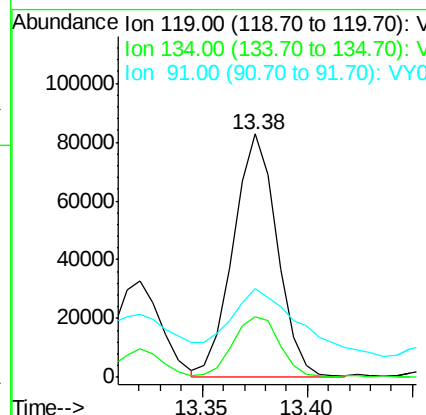
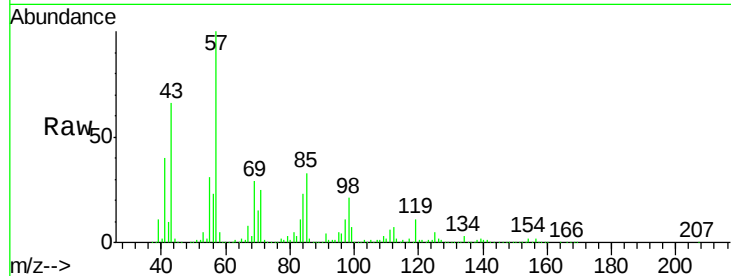
#86
p-Isopropyltoluene
Concen: 15.076 ug/l m
RT: 13.38 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012420

Tot Ion	Ratio	Lower	Upper
119	100		
134	11.6	13.5	40.4#
91	13.9	12.2	36.6

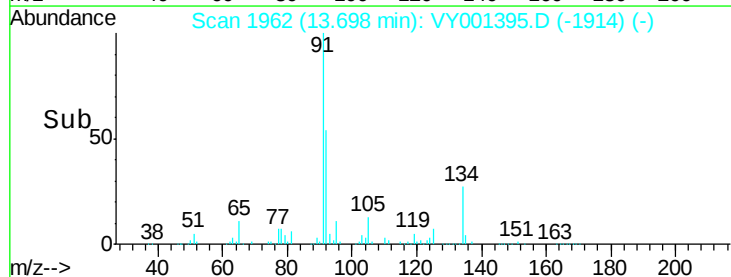
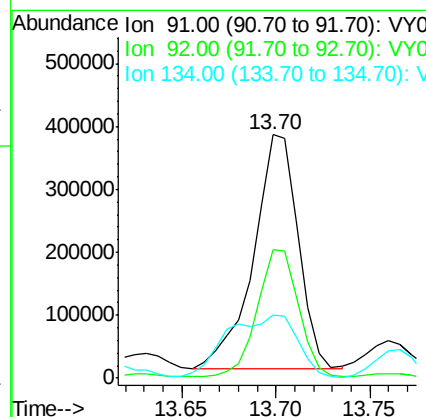
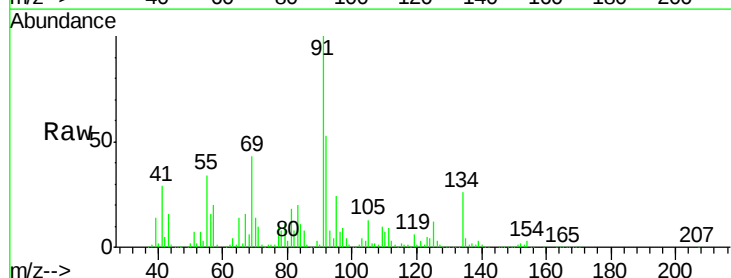
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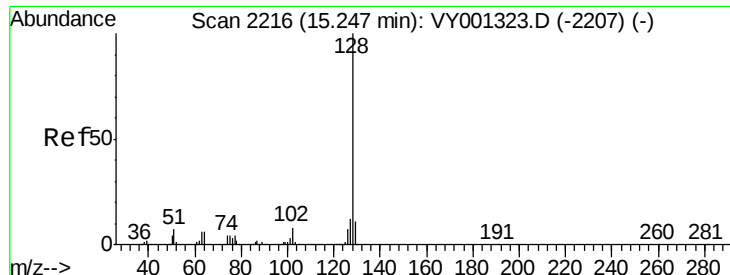
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#89
n-Butylbenzene
Concen: 75.788 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001395.D
Acq: 24 Jan 2020 20:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.1	27.6	82.8
134	42.0	12.9	38.6#





#95
 Naphthalene
 Concen: 22.460 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: VY001395.D
 Acq: 24 Jan 2020 20:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-012420

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.7	13.1#

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