

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000882.D
 Acq On : 05 Dec 2019 14:55
 Operator : SY/MD
 Sample : K6164-01
 Misc : 6.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BOX-2512

Manual Integrations
 APPROVED

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 12/6/2019 10:01:29 AM

Quant Time: Dec 06 04:47:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	227770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	411917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	342141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	114845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	137967	57.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.02%	
35) Dibromofluoromethane	7.73	113	122431	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.18	98	486493	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.48	95	138616	38.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.92%	

Target Compounds

						Qvalue
16) Acetone	3.95	43	276166	497.415	ug/l	96
18) Methyl Acetate	4.48	43	54189	23.342	ug/l	94
25) 2-Butanone	7.00	43	15419	15.034	ug/l #	81
29) Tetrahydrofuran	7.36	42	9693	14.262	ug/l	96
78) n-propylbenzene	12.67	91	16983	1.521	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	105232	13.899	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	29887	3.946	ug/l	100
85) sec-Butylbenzene	13.25	105	73321	7.920	ug/l	93
86) p-Isopropyltoluene	13.37	119	112801	14.009	ug/l	99
89) n-Butylbenzene	13.69	91	65759m	8.077	ug/l	

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

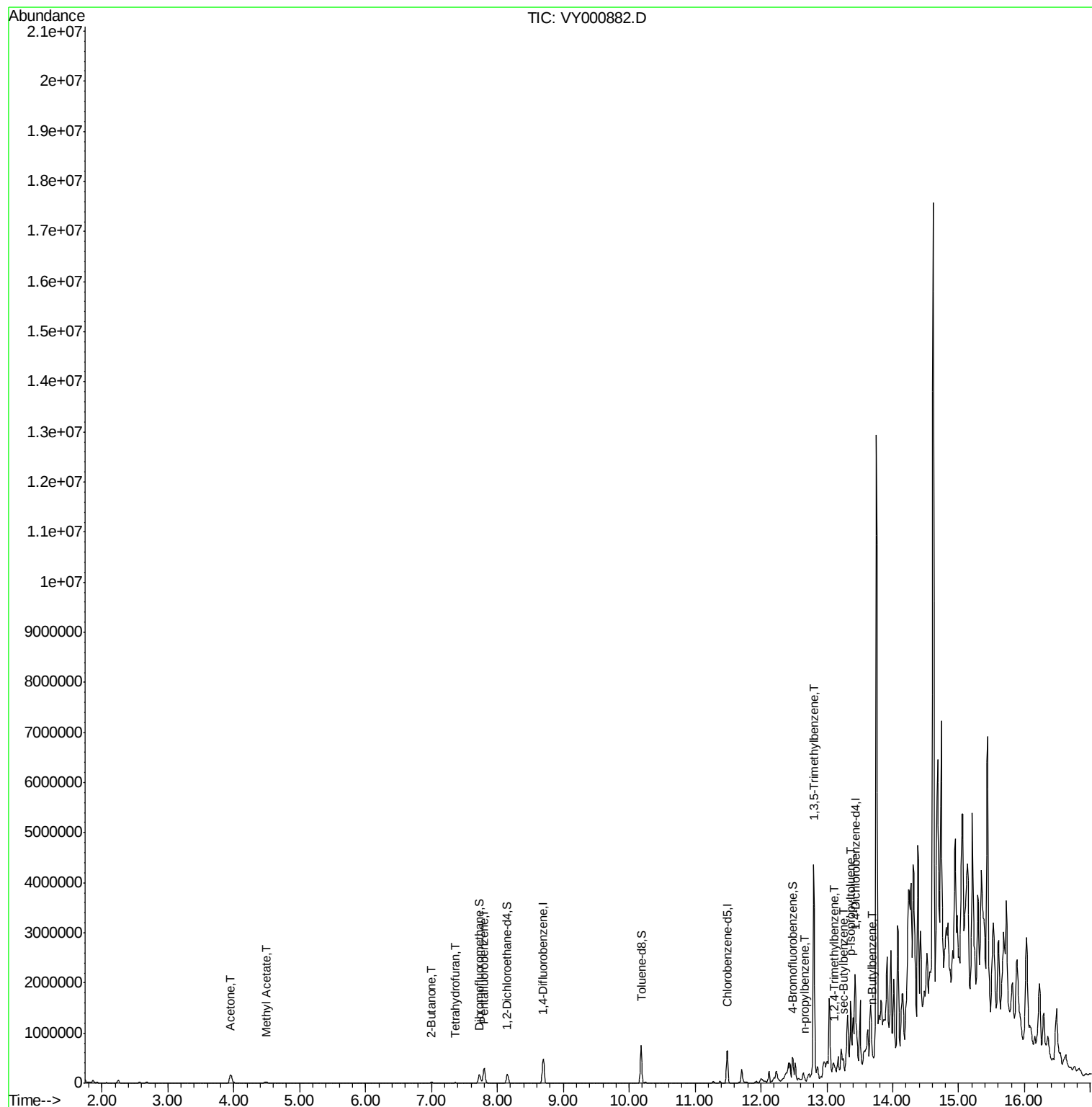
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000882.D
Acq On : 05 Dec 2019 14:55
Operator : SY/MD
Sample : K6164-01
Misc : 6.78G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

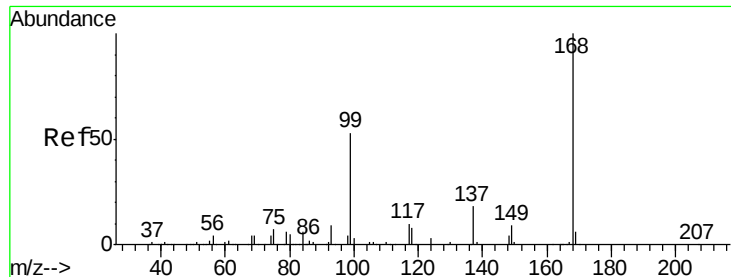
Instrument :
MSVOA_Y
ClientSampleId :
BOX-2512

Manual Integrations
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Quant Time: Dec 06 04:47:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





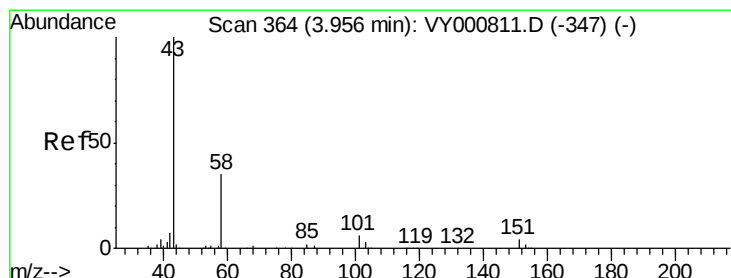
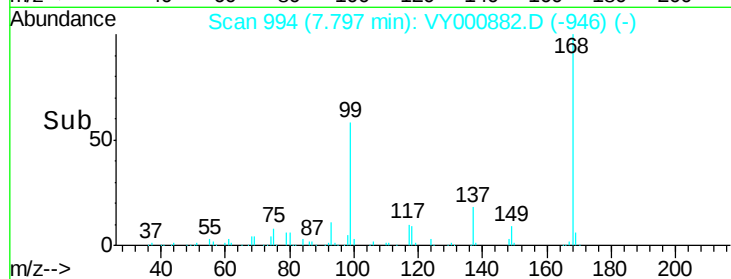
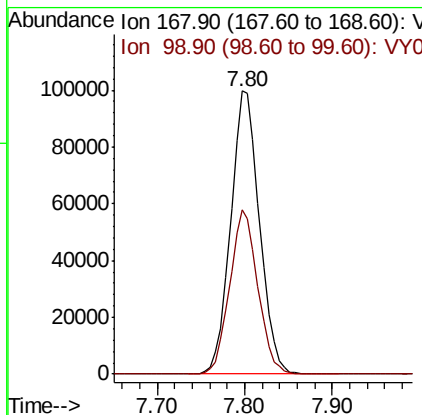
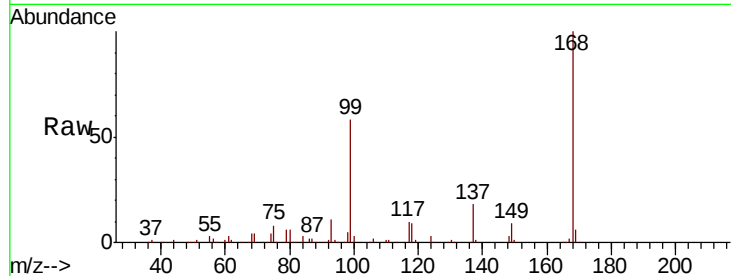
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000882.D
Acq: 05 Dec 2019 14:55

Instrument :
MSVOA_Y
ClientSampleID :
BOX-2512

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.1	45.0	67.6

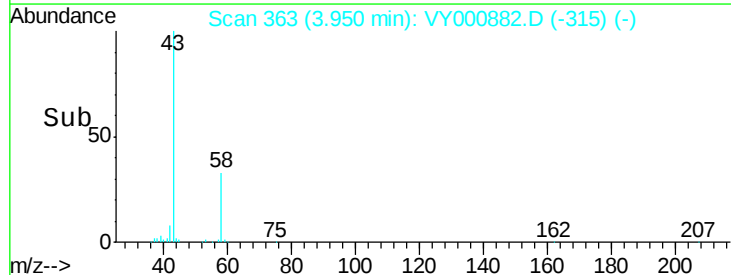
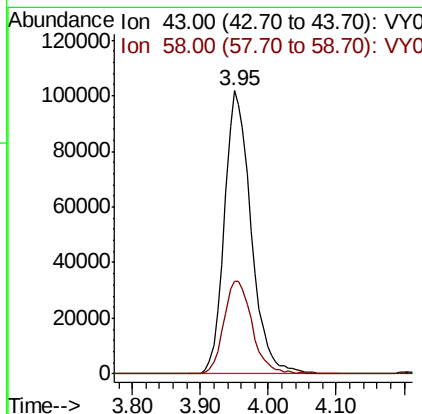
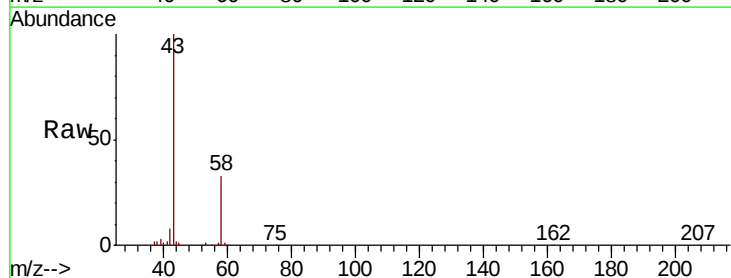
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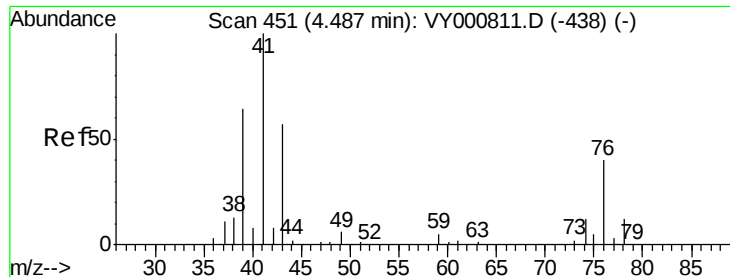
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#16
Acetone
Concen: 497.415 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VY000882.D
Acq: 05 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.7	28.0	42.0





#18

Methyl Acetate

Concen: 23.342 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000882.D

Acq: 05 Dec 2019 14:55

Instrument :

MSVOA_Y

ClientSampled :

BOX-2512

Tot Ion: 43 Resp: 54189

Ion Ratio Lower Upper

43 100

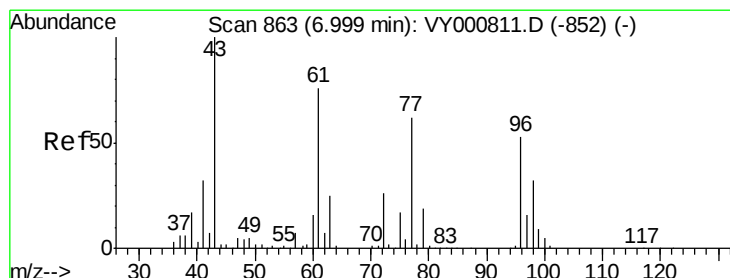
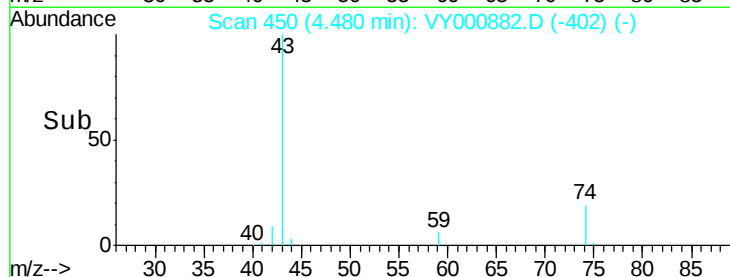
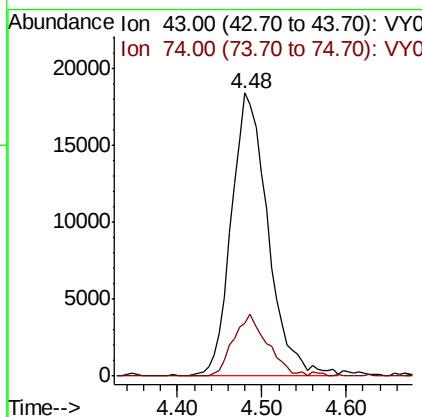
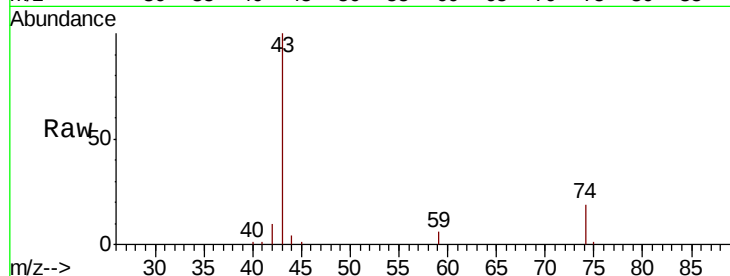
74 20.3 18.5 27.7

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#25

2-Butanone

Concen: 15.034 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000882.D

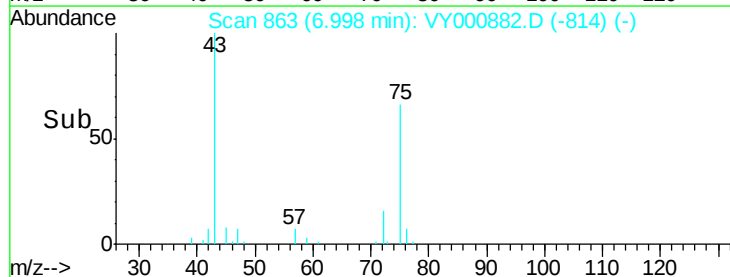
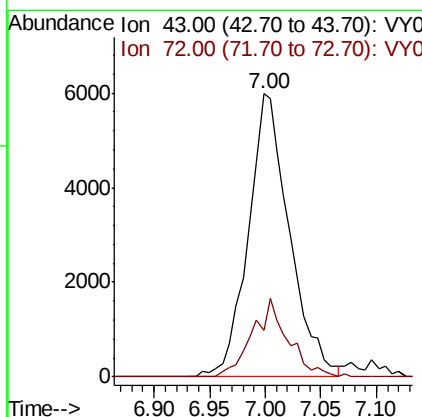
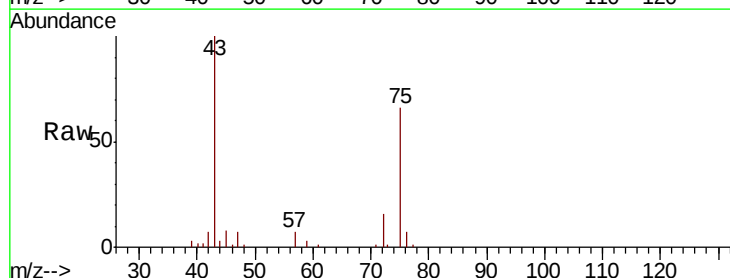
Acq: 05 Dec 2019 14:55

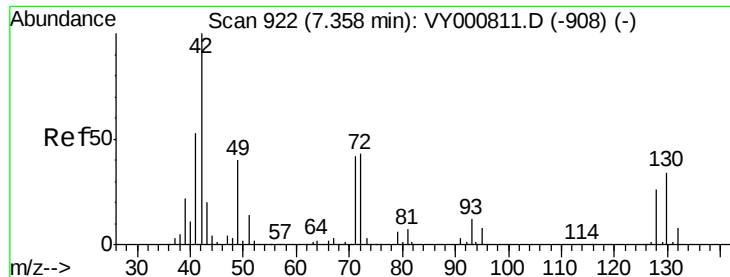
Tgt Ion: 43 Resp: 15419

Ion Ratio Lower Upper

43 100

72 16.4 21.0 31.4#





#29

Tetrahydrofuran

Concen: 14.262 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY000882.D

Acq: 05 Dec 2019 14:55

Instrument :

MSVOA_Y

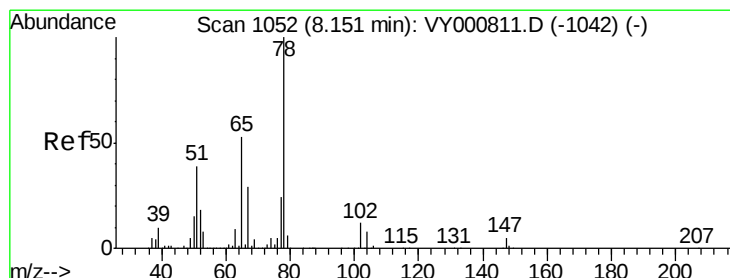
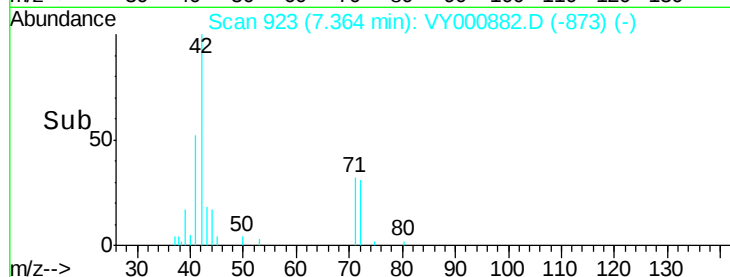
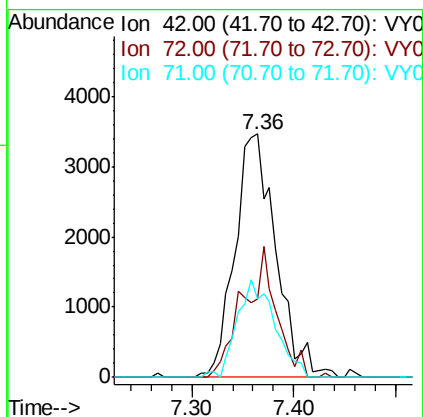
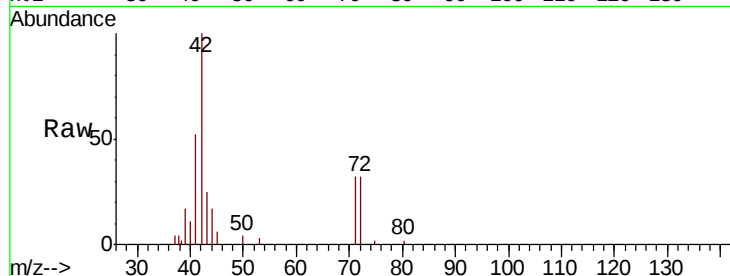
ClientSampleId :

BOX-2512

Tot Ion:	42	Resp:	9693
Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.1	52.7
71	36.5	32.8	49.2

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#33

1,2-Dichloroethane-d4

Concen: 57.005 ug/l

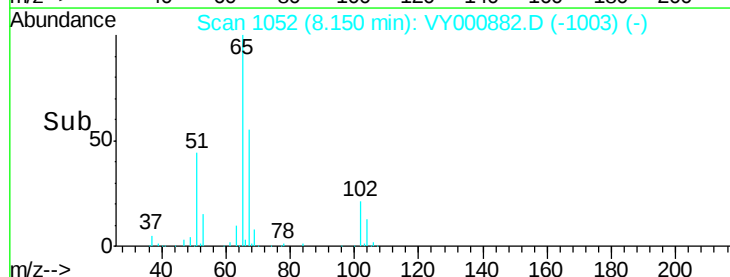
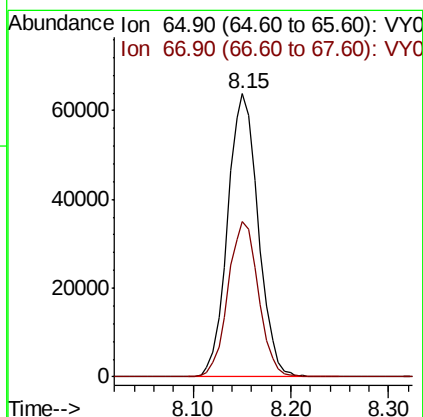
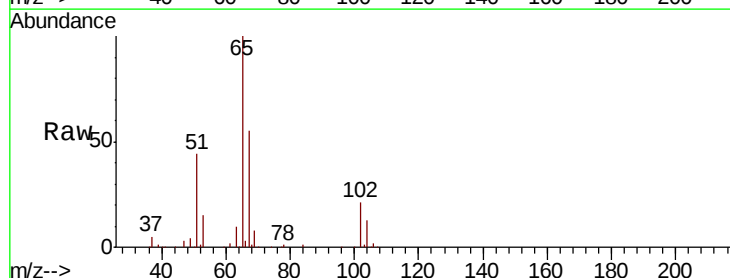
RT: 8.15 min Scan# 1052

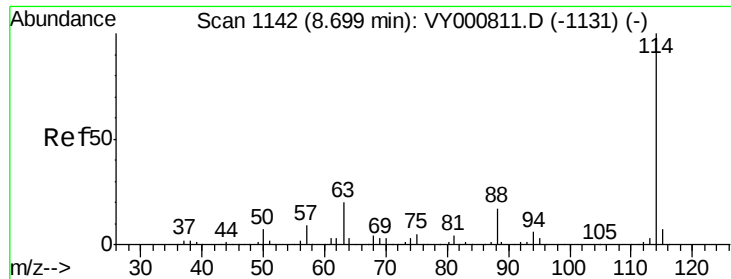
Delta R.T. -0.00 min

Lab File: VY000882.D

Acq: 05 Dec 2019 14:55

Tgt Ion:	65	Resp:	137967
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	112.0





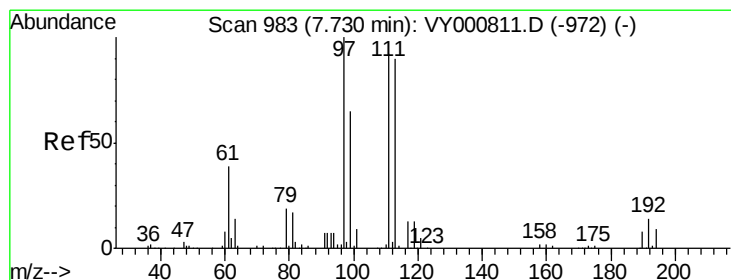
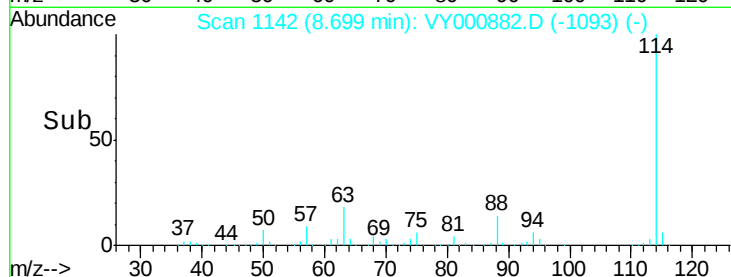
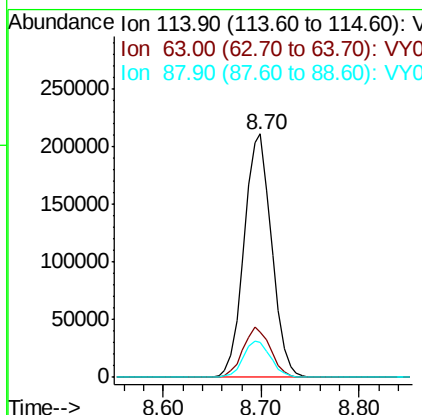
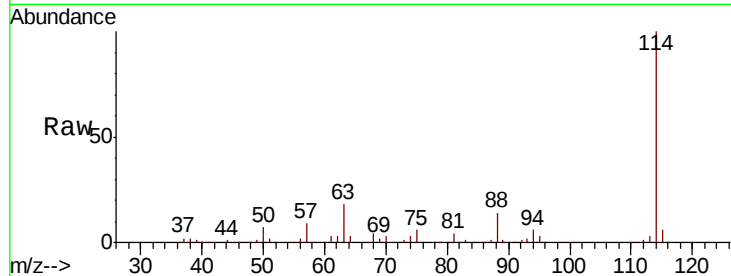
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000882.D
 Acq: 05 Dec 2019 14:55

Instrument :
 MSVOA_Y
 ClientSampled :
 BOX-2512

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.8
88	14.4	0.0	33.2

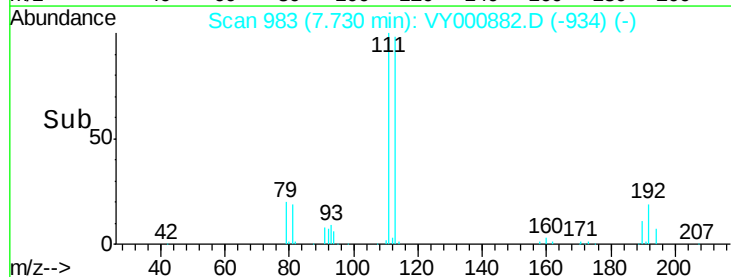
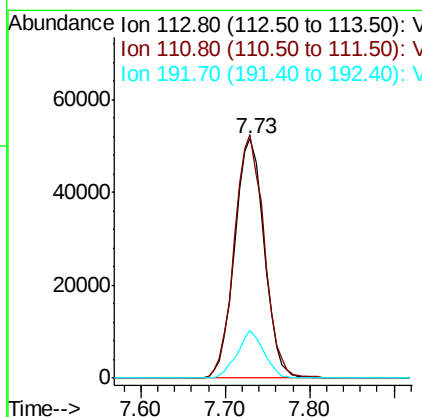
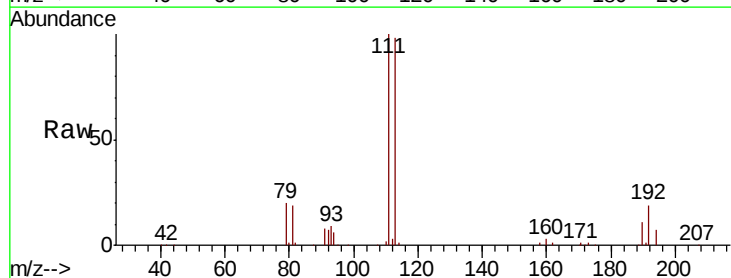
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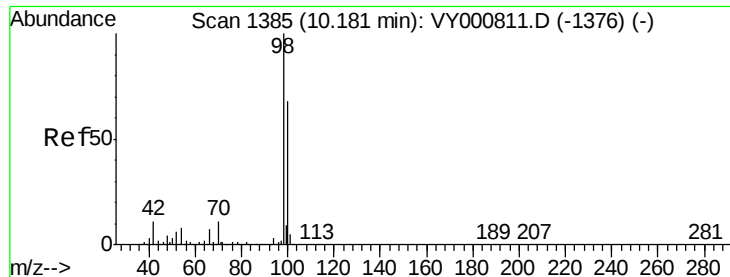
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#35
 Dibromofluoromethane
 Concen: 50.999 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000882.D
 Acq: 05 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	17.9	14.2	21.2





#50

Toluene-d8

Concen: 50.689 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000882.D

Acq: 05 Dec 2019 14:55

Instrument :

MSVOA_Y

ClientSampleId :

BOX-2512

Tot Ion: 98 Resp: 486493

Ion Ratio Lower Upper

98 100

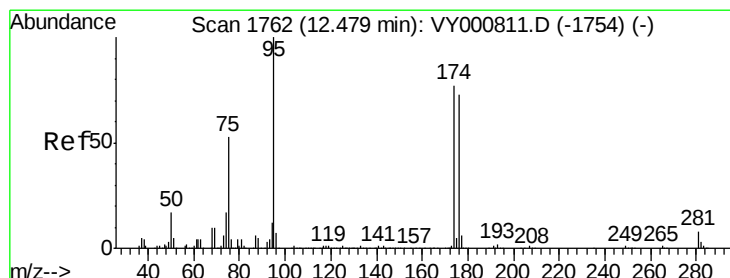
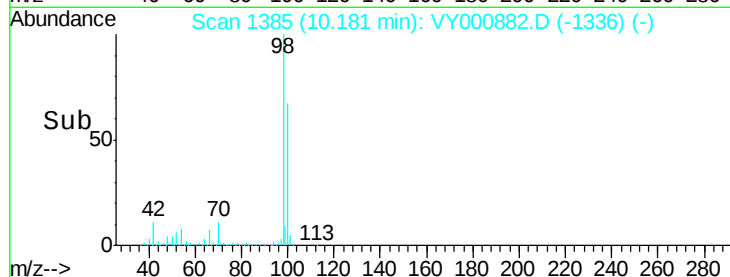
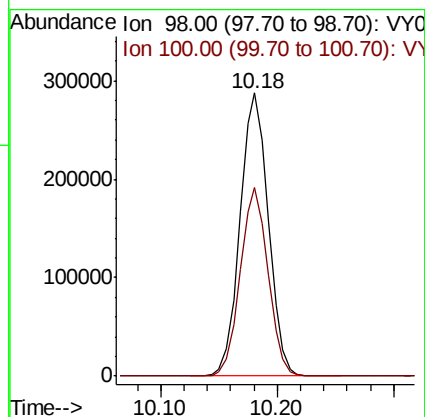
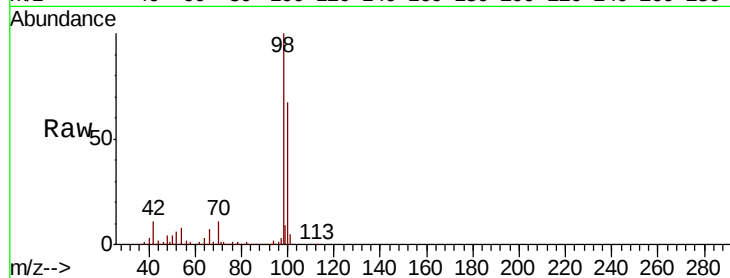
100 65.4 53.1 79.7

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#62

4-Bromofluorobenzene

Concen: 38.457 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000882.D

Acq: 05 Dec 2019 14:55

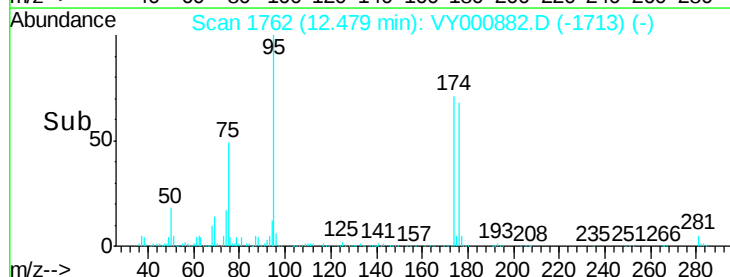
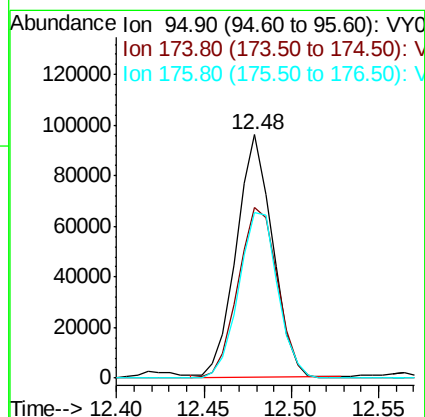
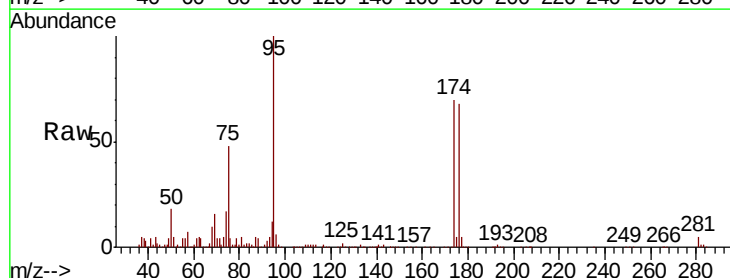
Tgt Ion: 95 Resp: 138616

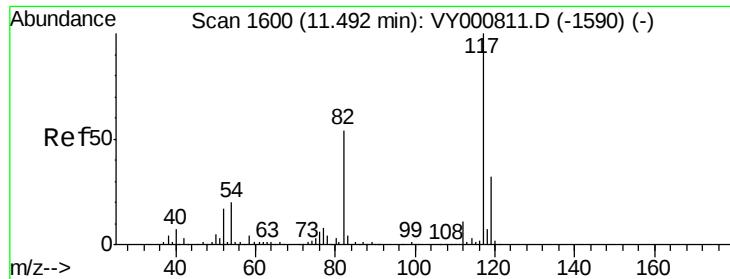
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.6

176 73.0 0.0 145.2





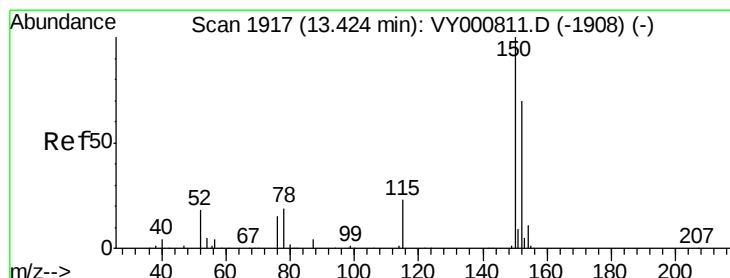
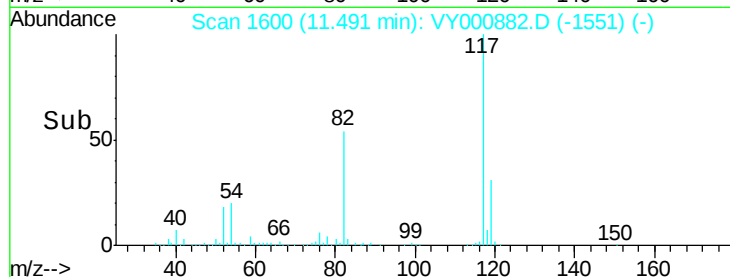
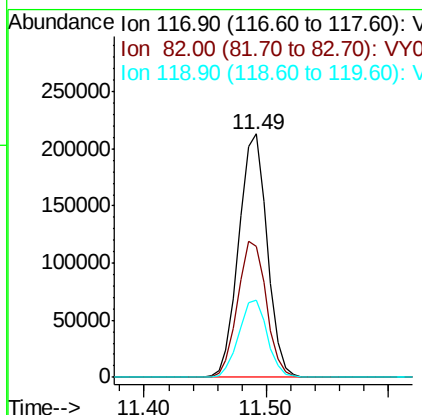
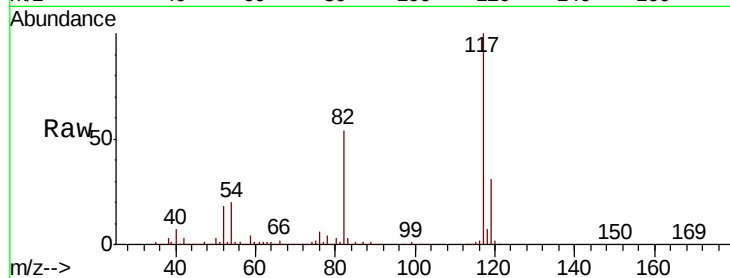
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Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000882.D
Acq: 05 Dec 2019 14:55

Instrument :
MSVOA_Y
ClientSampled :
BOX-2512

Tot Ion	Ratio	Resp	Lower	Upper
117	100	342141		
82	54.0		43.1	64.7
119	31.4		25.3	37.9

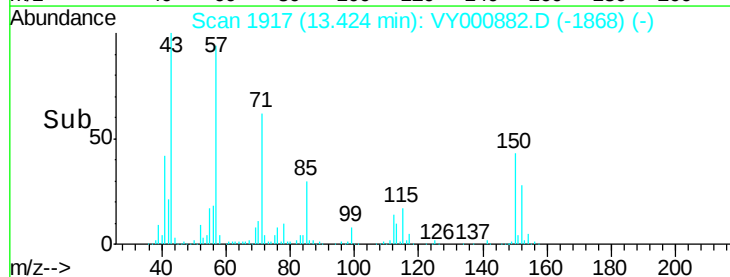
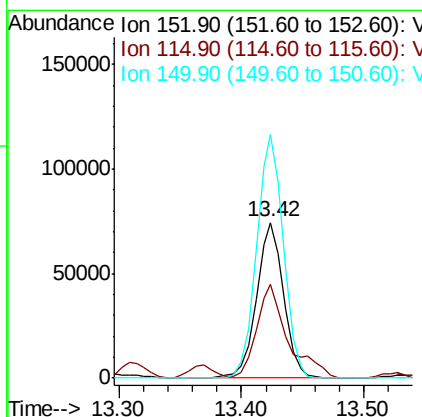
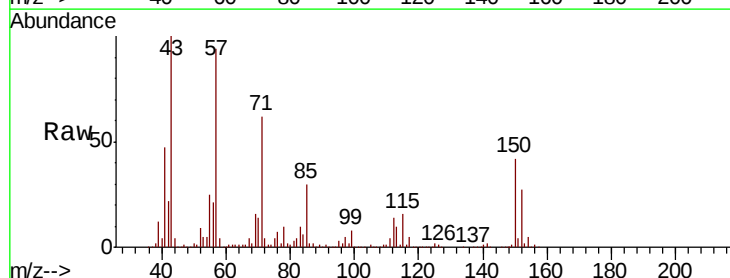
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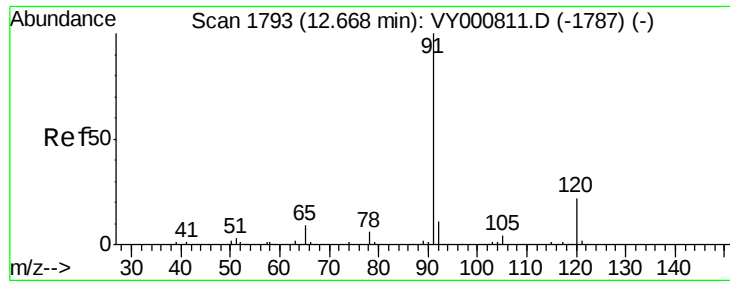
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000882.D
Acq: 05 Dec 2019 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	114845		
115	68.8		29.3	87.8
150	154.0		0.0	351.2





#78

n-propylbenzene

Concen: 1.521 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000882.D

Acq: 05 Dec 2019 14:55

Instrument :

MSVOA_Y

ClientSampled :

BOX-2512

Tot Ion: 91 Resp: 16983

Ion Ratio Lower Upper

91 100

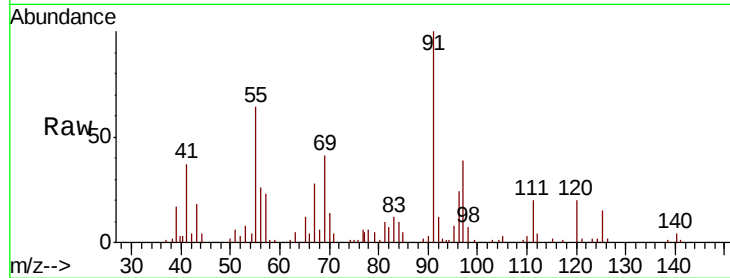
120 22.6 11.2 33.5

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Abundance Ion 91.00 (90.70 to 91.70): VY000882.D (-1744) (-)

Ion 120.00 (119.70 to 120.70): VY000882.D (-1744) (-)

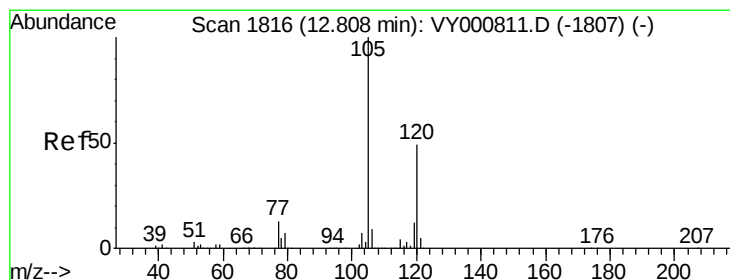
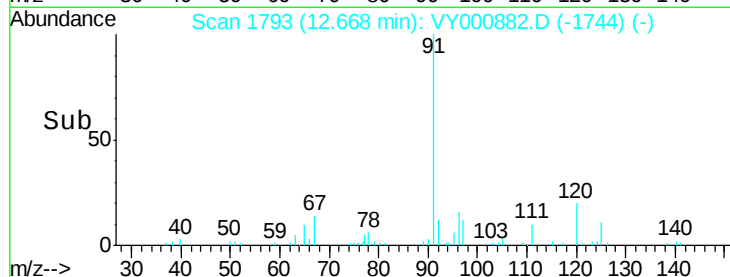
12.67

10000

5000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 13.899 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000882.D

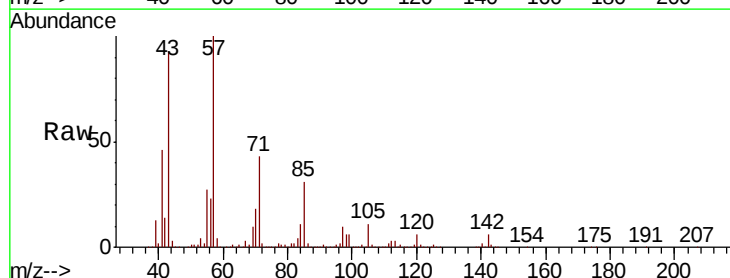
Acq: 05 Dec 2019 14:55

Tgt Ion: 105 Resp: 105232

Ion Ratio Lower Upper

105 100

120 51.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000882.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY000882.D (-1767) (-)

12.81

80000

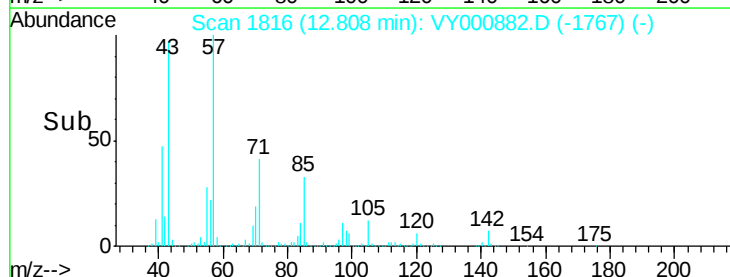
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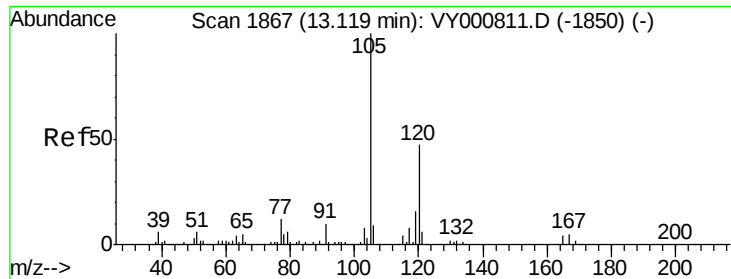
40000

20000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 3.946 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000882.D

Acq: 05 Dec 2019 14:55

Instrument :

MSVOA_Y

ClientSampleId :

BOX-2512

Tot Ion:105 Resp: 29887

Ion Ratio Lower Upper

105 100

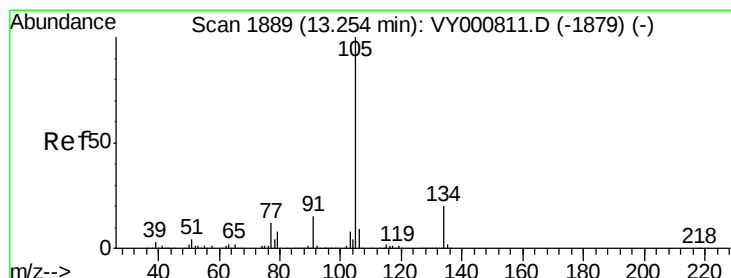
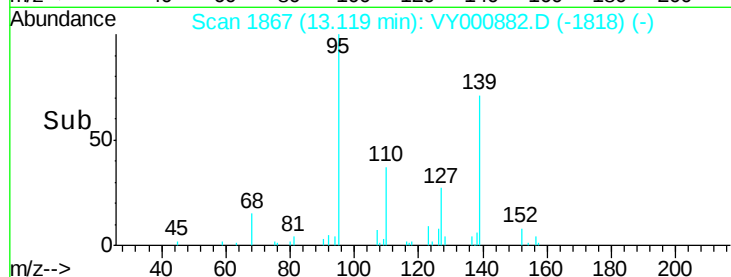
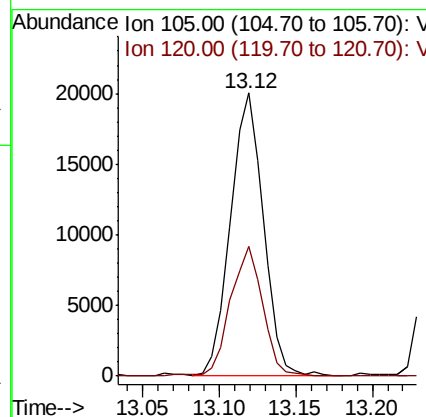
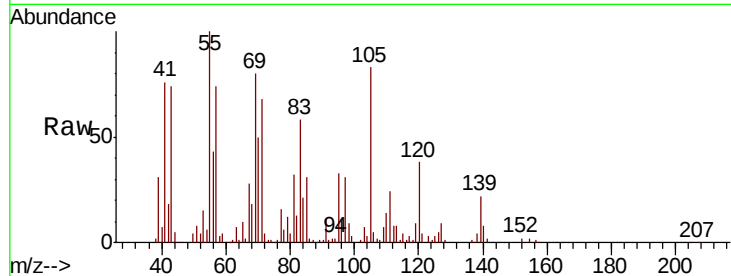
120 45.2 22.6 67.8

Manual Integrations

APPROVED

apatel

12/6/2019 10:01:29 AM



#85

sec-Butylbenzene

Concen: 7.920 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000882.D

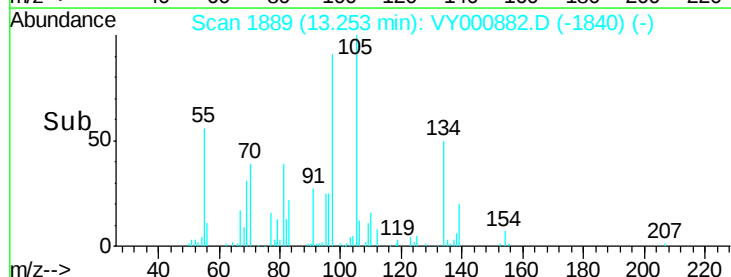
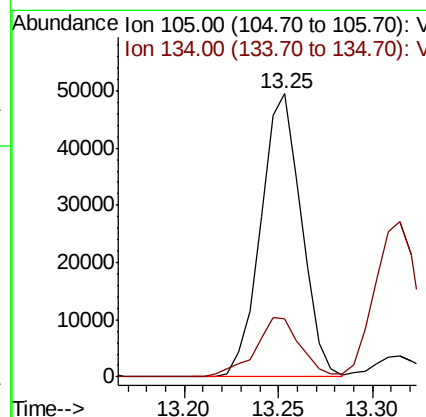
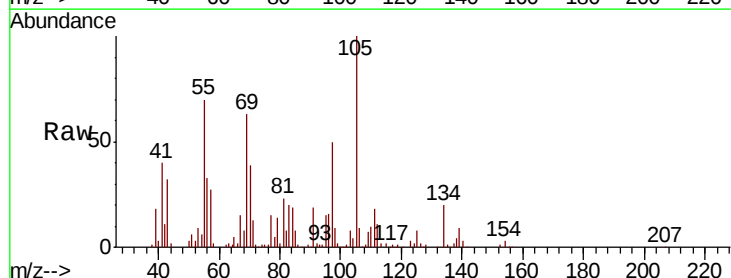
Acq: 05 Dec 2019 14:55

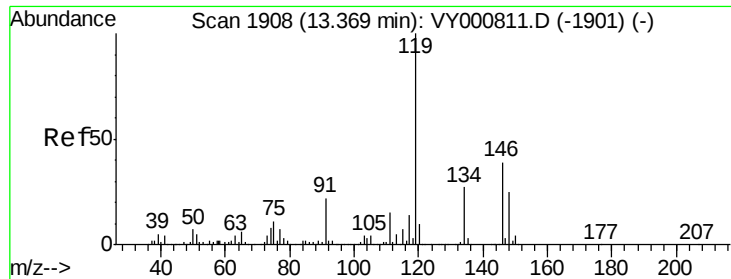
Tgt Ion:105 Resp: 73321

Ion Ratio Lower Upper

105 100

134 23.4 10.1 30.1





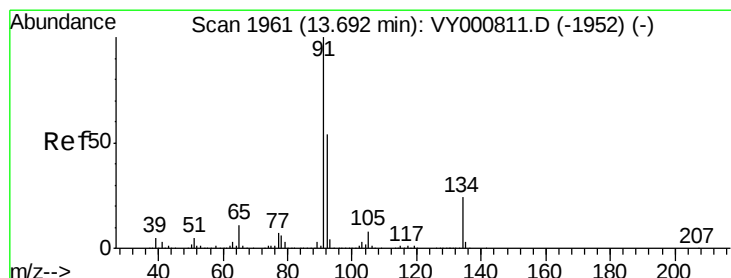
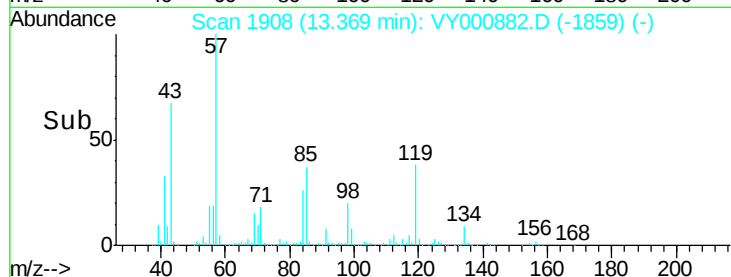
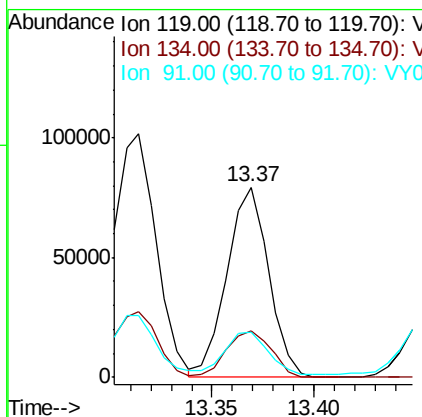
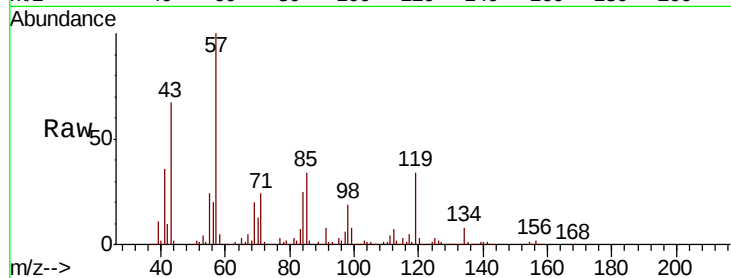
#86
p-Isopropyltoluene
Concen: 14.009 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY000882.D
Acq: 05 Dec 2019 14:55

Instrument :
MSVOA_Y
ClientSampled :
BOX-2512

Tot Ion	Ratio	Resp	Lower	Upper
119	100	112801		
134	26.3	13.5	40.4	
91	23.5	11.5	34.5	

Manual Integrations
APPROVED

apatel
12/6/2019 10:01:29 AM



#89
n-Butylbenzene
Concen: 8.077 ug/l m
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000882.D
Acq: 05 Dec 2019 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	65759		
92	0.0	26.9	80.7#	
134	386.3	12.6	37.6#	

