

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017340.D
 Acq On : 06 Jul 2020 10:29
 Operator : SY/MD
 Sample : L3168-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK1

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:26:37 PM

Quant Time: Jul 07 01:33:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162926	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161479	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41346	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	37613	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	65895	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.92	46	115767	46.45	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.90%
24) Chloroform-d	4.37	84	106531	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.06	65	57715	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.07	84	183474	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.09	67	53522	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.34	98	157981	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
45) trans-1,3-Dichloropropene-	7.64	79	20505	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
48) 2-Hexanone-d5	8.11	63	73726	37.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36066	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	70182	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	23217	18.429	ug/L	95
16) Methylene chloride	2.53	84	5148	0.615	ug/L	84
21) 2-Butanone	4.02	43	8634m	3.636	ug/L	
25) Chloroform	4.40	83	14352	0.706	ug/L	99
33) Benzene	5.13	78	5990	0.142	ug/L	100
34) Trichloroethene	5.94	95	1549	0.125	ug/L	90
42) Toluene	7.41	91	78108	1.589	ug/L	95
54) Ethylbenzene	9.04	91	7666	0.146	ug/L	95
55) m,p-xylene	9.16	106	12539	0.609	ug/L	79
56) o-xylene	9.57	106	4644	0.242	ug/L	97

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

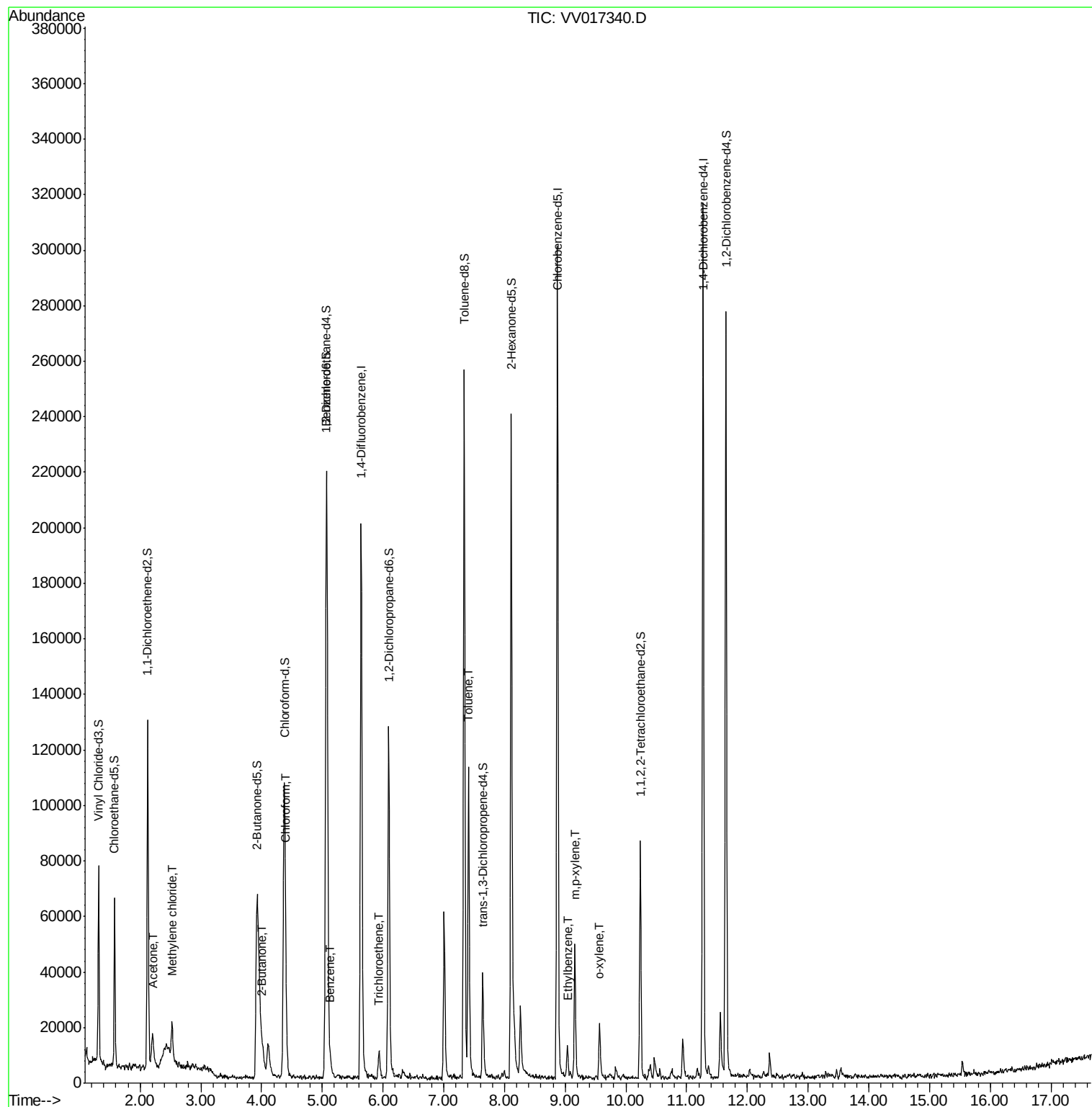
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070620\
Data File : VV017340.D
Acq On : 06 Jul 2020 10:29
Operator : SY/MD
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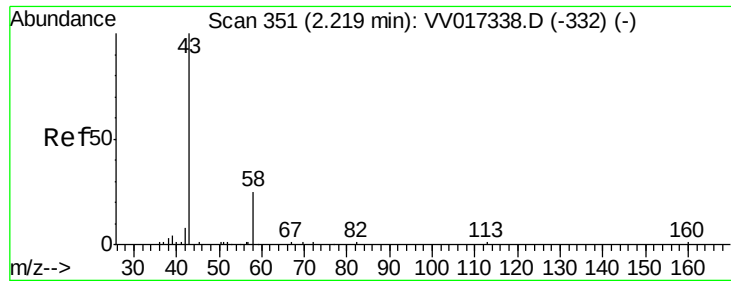
Instrument :
MSVOA_V
ClientSampleId :
C0AK1

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7/8/2020 12:26:37 PM

Quant Time: Jul 07 01:33:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration





#13

Acetone

Concen: 18.429 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV017340.D

Acq: 06 Jul 2020 10:29

Instrument :

MSVOA_V

ClientSampleId :

C0AK1

Tot Ion: 43 Resp: 23217

Ion Ratio Lower Upper

43 100

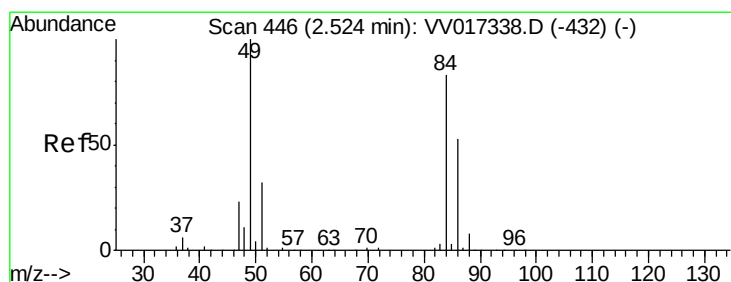
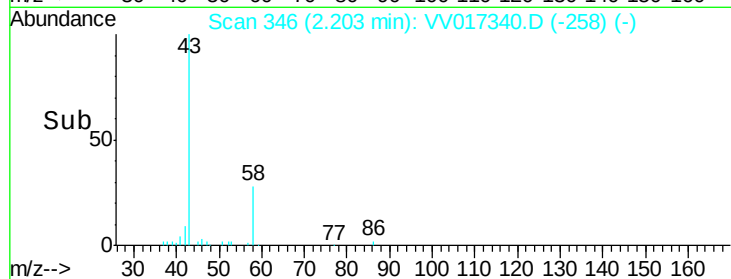
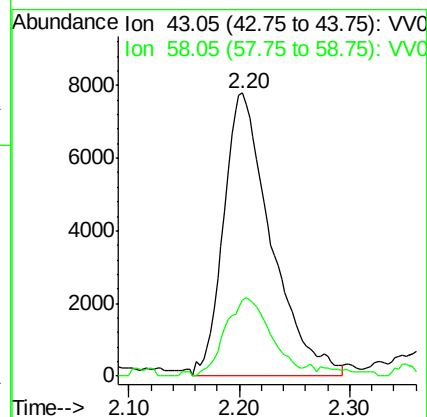
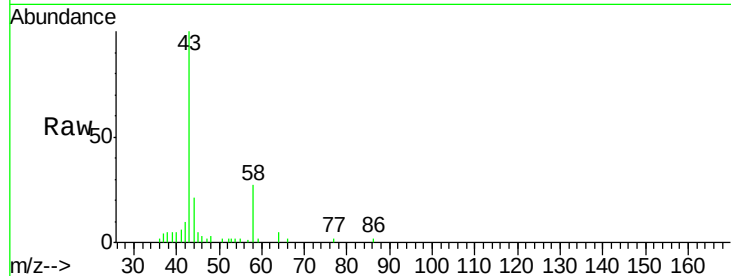
58 26.3 0.0 58.4

Manual Integrations

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#16

Methylene chloride

Concen: 0.615 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV017340.D

Acq: 06 Jul 2020 10:29

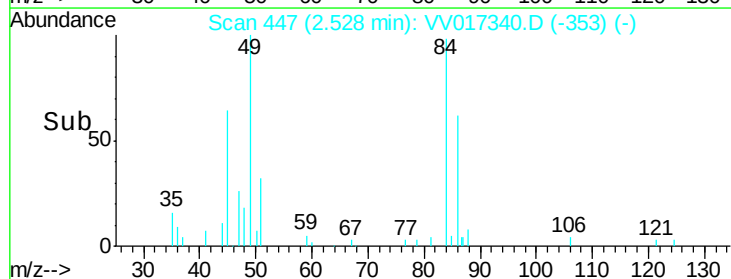
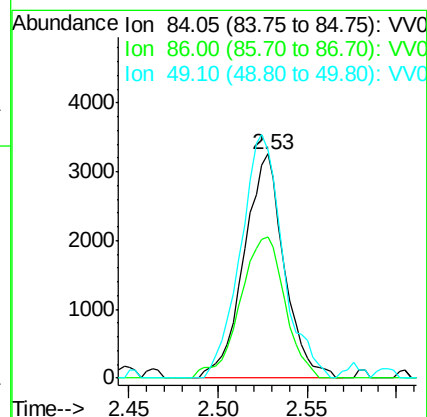
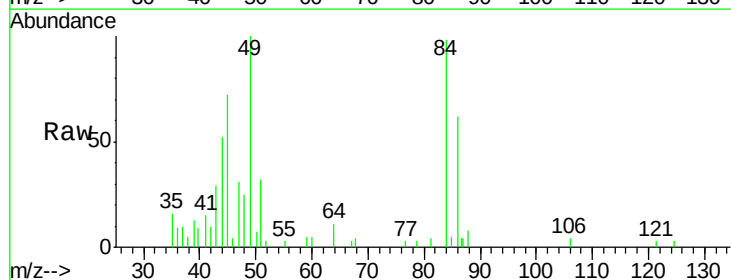
Tgt Ion: 84 Resp: 5148

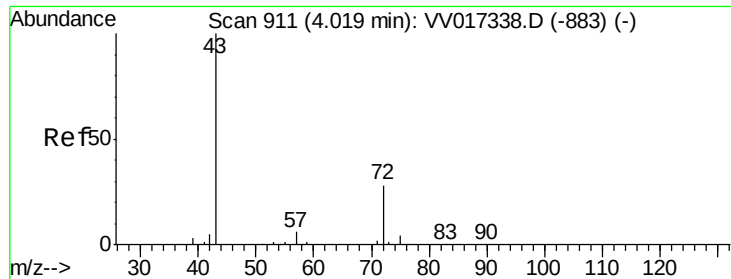
Ion Ratio Lower Upper

84 100

86 63.2 45.8 85.0

49 101.8 89.6 166.4





#21

2-Butanone

Concen: 3.636 ug/L m

RT: 4.02 min Scan# 910

Delta R.T. -0.00 min

Lab File: VV017340.D

Acq: 06 Jul 2020 10:29

Instrument :

MSVOA_V

ClientSampleId :

C0AK1

Tot Ion: 43 Resp: 8634

Ion Ratio Lower Upper

43 100

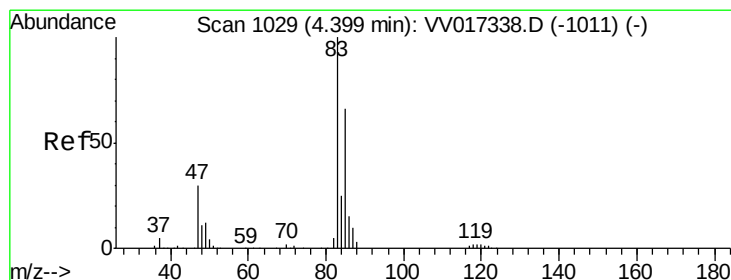
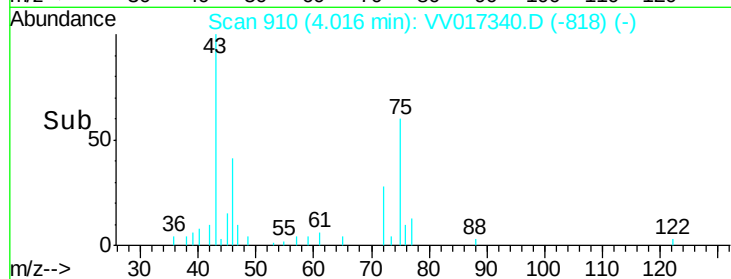
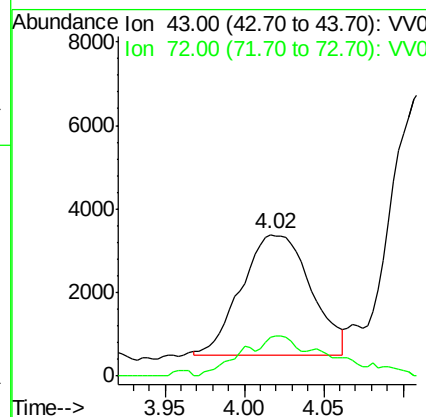
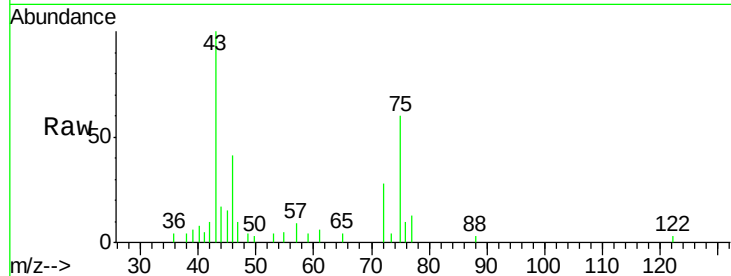
72 1.2 12.4 37.4#

Manual Integrations

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#25

Chloroform

Concen: 0.706 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017340.D

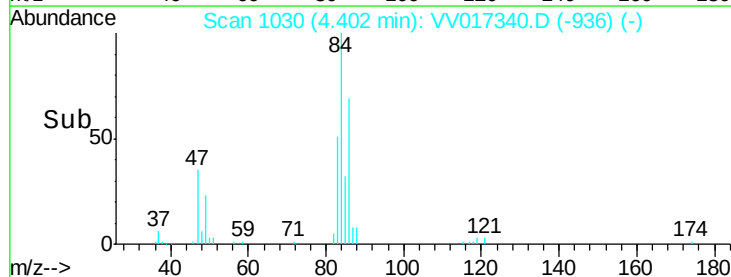
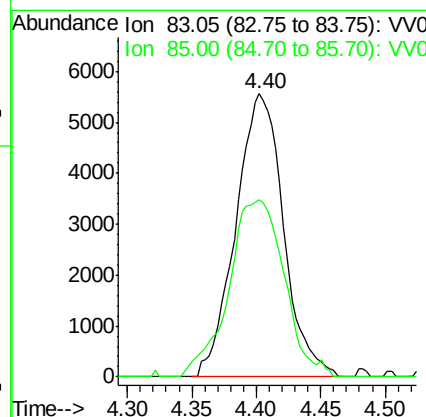
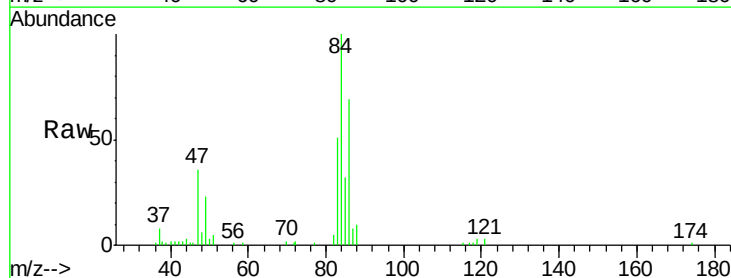
Acq: 06 Jul 2020 10:29

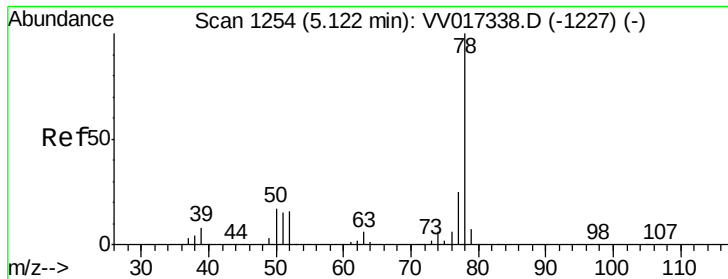
Tgt Ion: 83 Resp: 14352

Ion Ratio Lower Upper

83 100

85 62.5 44.2 82.2





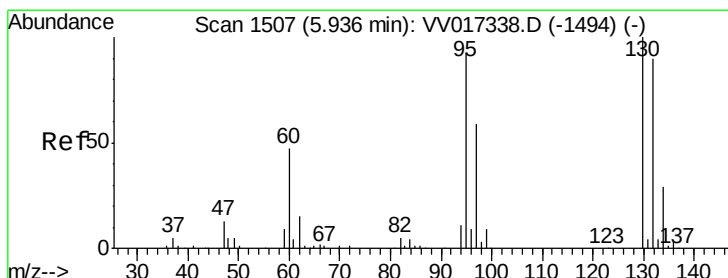
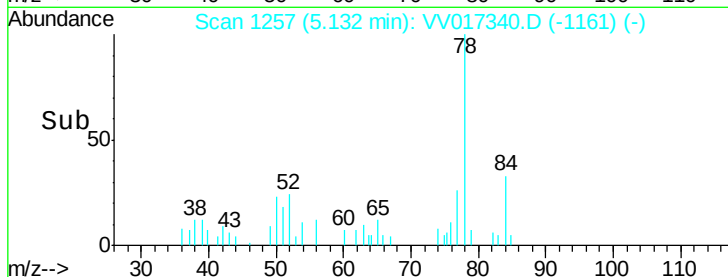
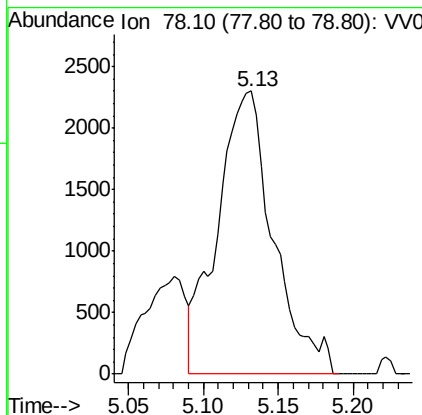
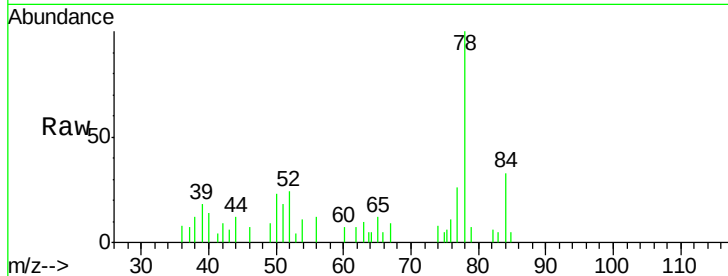
#33
Benzene
Concen: 0.142 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV017340.D
Acq: 06 Jul 2020 10:29

Instrument :
MSVOA_V
ClientSampled :
C0AK1

Tgt Ion: 78 Resp: 5990

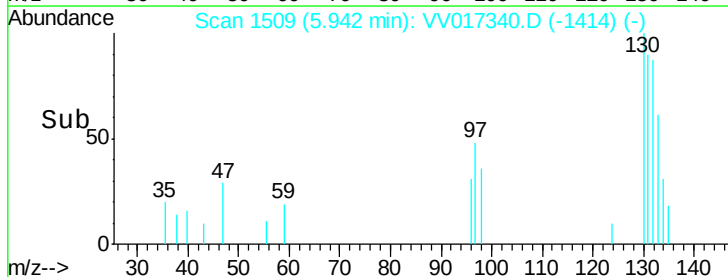
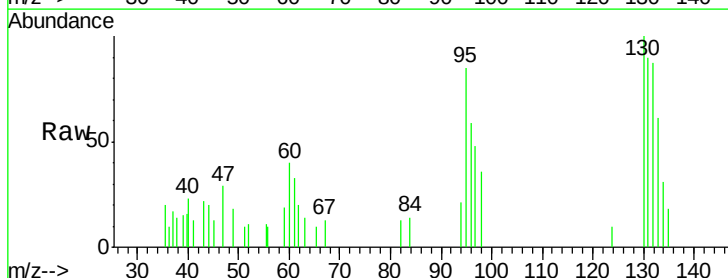
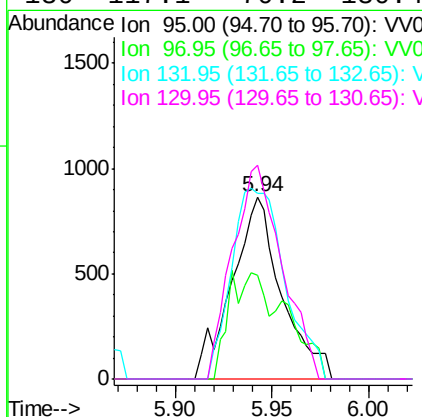
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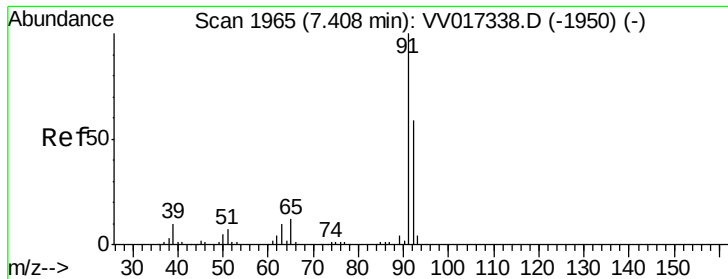
MMDadoda
7/8/2020 12:26:37 PM



#34
Trichloroethene
Concen: 0.125 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017340.D
Acq: 06 Jul 2020 10:29

Tgt Ion: 95 Resp: 1549
Ion Ratio Lower Upper
95 100
97 56.6 45.3 84.1
132 101.8 68.8 127.8
130 117.1 70.2 130.4





#42

Toluene

Concen: 1.589 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017340.D

Acq: 06 Jul 2020 10:29

Instrument :

MSVOA_V

ClientSampled :

C0AK1

Tot Ion: 91 Resp: 78108

Ion Ratio Lower Upper

91 100

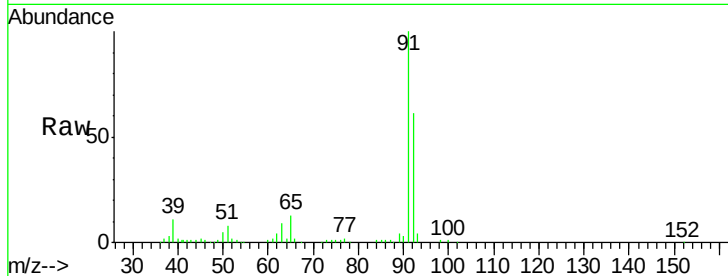
92 60.5 39.9 74.1

Manual Integrations

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7/8/2020 12:26:37 PM



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

40000

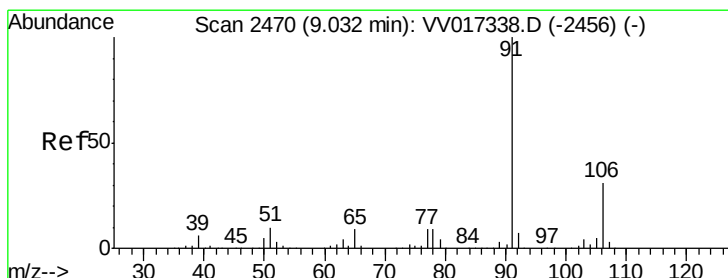
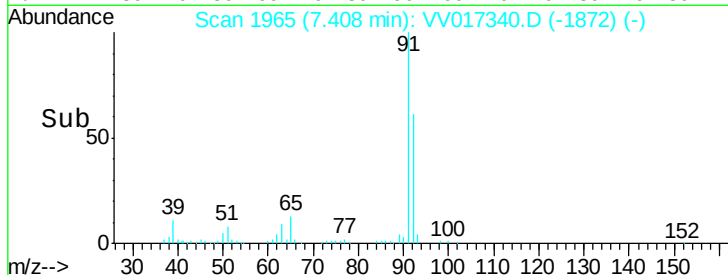
30000

20000

10000

0

Time-->



#54

Ethylbenzene

Concen: 0.146 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017340.D

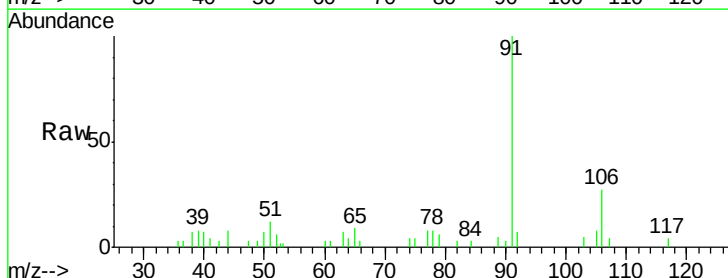
Acq: 06 Jul 2020 10:29

Tgt Ion: 91 Resp: 7666

Ion Ratio Lower Upper

91 100

106 27.1 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

9.04

5000

4000

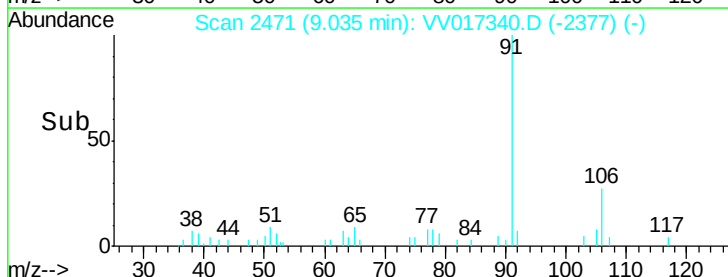
3000

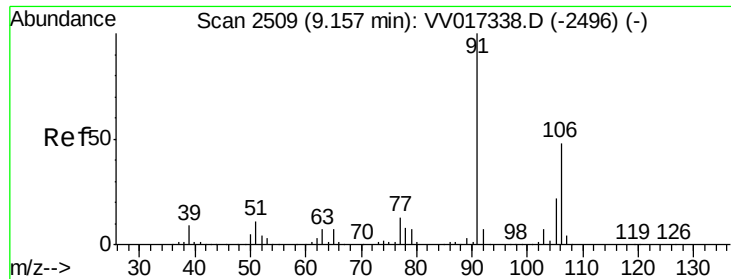
2000

1000

0

Time-->





#55

m,p-xylene

Concen: 0.609 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV017340.D

Acq: 06 Jul 2020 10:29

Instrument :

MSVOA_V

ClientSampled :

C0AK1

Tot Ion:106 Resp: 12539

Ion Ratio Lower Upper

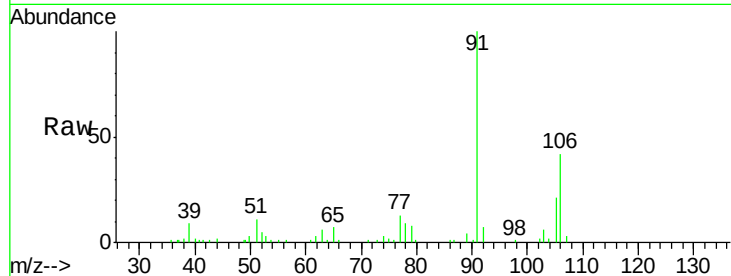
106 100

91 236.6 142.7 264.9

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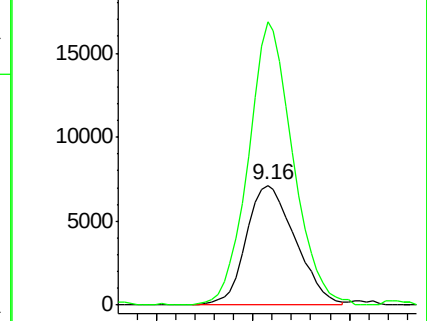
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7/8/2020 12:26:37 PM

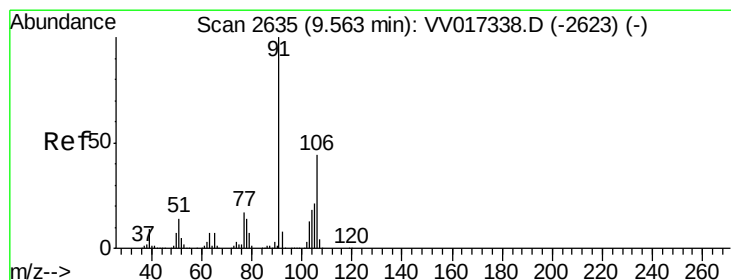
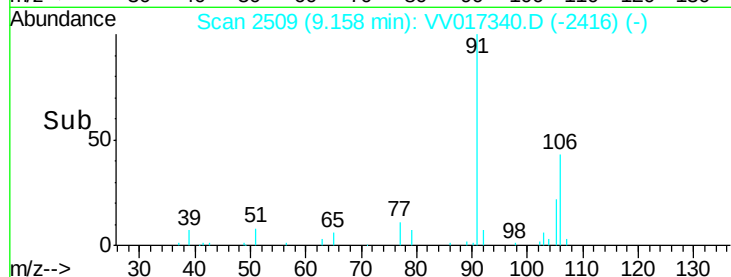


Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



Time-->



#56

o-xylene

Concen: 0.242 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV017340.D

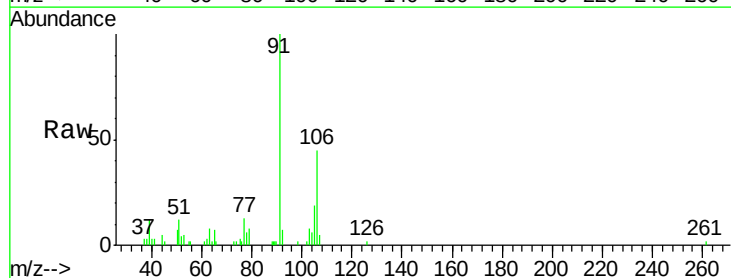
Acq: 06 Jul 2020 10:29

Tgt Ion:106 Resp: 4644

Ion Ratio Lower Upper

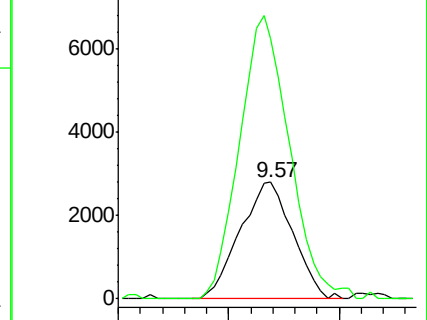
106 100

91 223.9 153.6 285.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



Time-->

