

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017261.D
 Acq On : 30 Jun 2020 15:34
 Operator : SY/MD
 Sample : L3168-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK1

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 4:20:13 PM

Quant Time: Jul 01 06:32:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:00:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161839	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153760	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40002	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.58	69	35262	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	65271	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.95	46	116862	47.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.42%
24) Chloroform-d	4.38	84	100569	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.06	65	56915	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.08	84	183784	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	54082	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.34	98	163468	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
45) trans-1,3-Dichloropropene-	7.65	79	22171	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	8.11	63	76058	40.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35259	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	68153	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.23	43	20922m	16.719	ug/L	
16) Methylene chloride	2.53	84	2457	0.295	ug/L	84
21) 2-Butanone	4.04	43	8374m	3.550	ug/L	
25) Chloroform	4.41	83	13142	0.651	ug/L	88
33) Benzene	5.13	78	6473	0.161	ug/L	100
42) Toluene	7.41	91	80900	1.728	ug/L	99
54) Ethylbenzene	9.04	91	7211	0.144	ug/L	96
55) m,p-xylene	9.16	106	13945	0.711	ug/L	99
56) o-xylene	9.57	106	4860	0.266	ug/L	98

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

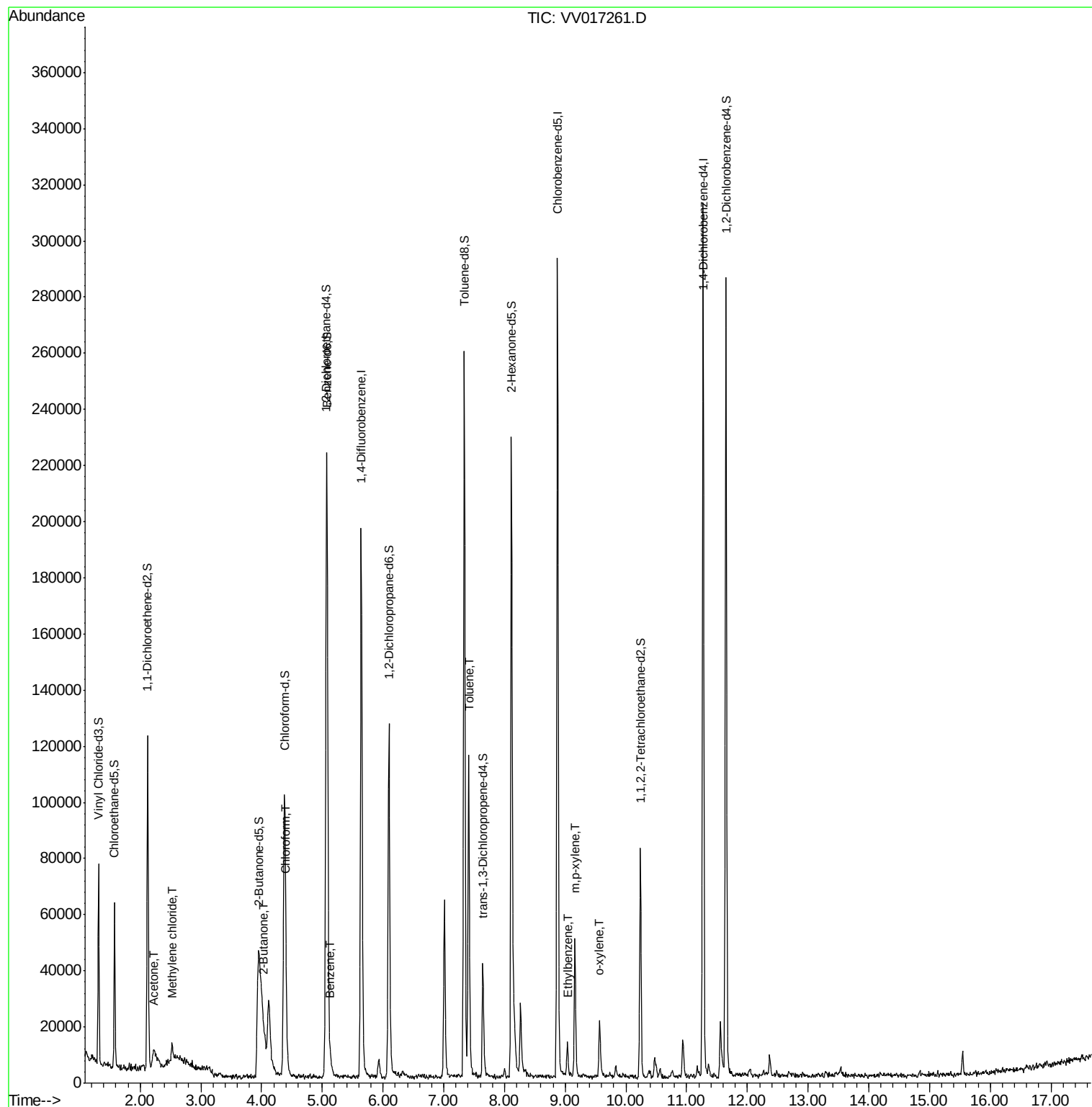
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
Data File : VV017261.D
Acq On : 30 Jun 2020 15:34
Operator : SY/MD
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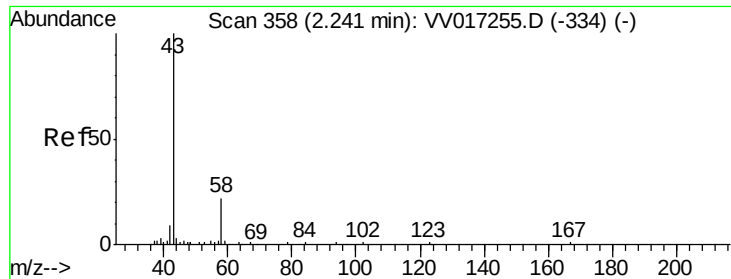
Instrument :
MSVOA_V
ClientSampleId :
C0AK1

Manual Integrations
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Quant Time: Jul 01 06:32:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration





#13

Acetone

Concen: 16.719 ug/L m

RT: 2.23 min Scan# 353

Delta R.T. -0.02 min

Lab File: VV017261.D

Acq: 30 Jun 2020 15:34

Instrument :

MSVOA_V

ClientSampleId :

C0AK1

Tot Ion: 43 Resp: 20922

Ion Ratio Lower Upper

43 100

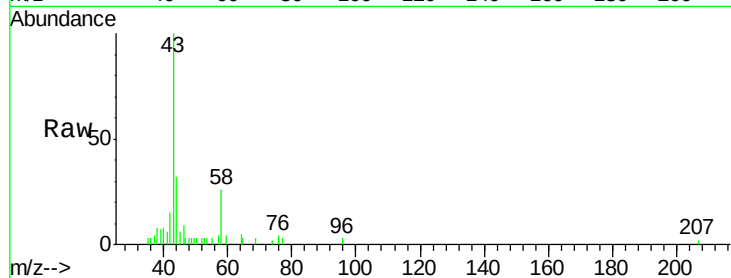
58 14.5 0.0 58.4

Manual Integrations

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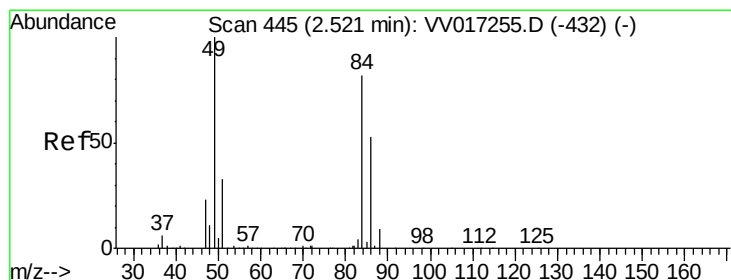
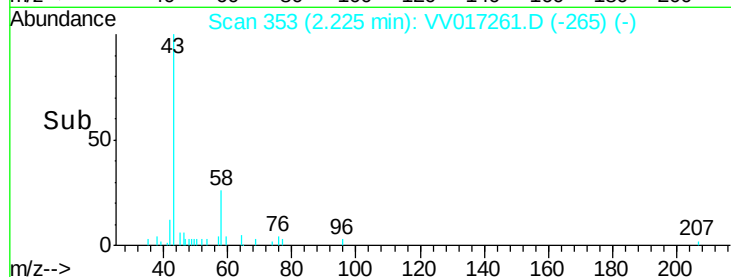
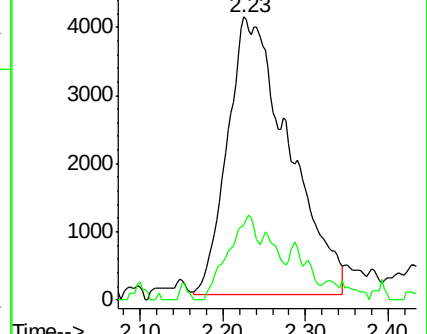
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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.295 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017261.D

Acq: 30 Jun 2020 15:34

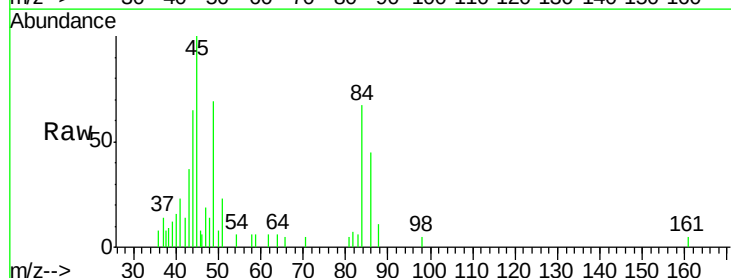
Tgt Ion: 84 Resp: 2457

Ion Ratio Lower Upper

84 100

86 68.3 45.8 85.0

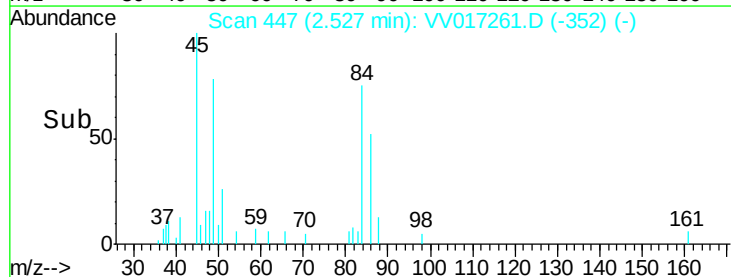
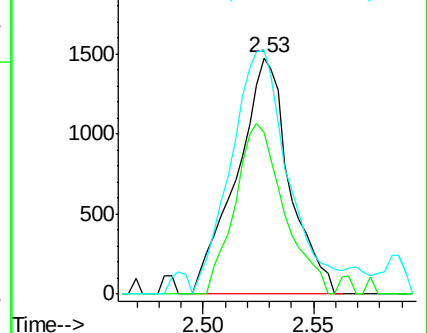
49 103.0 89.6 166.4

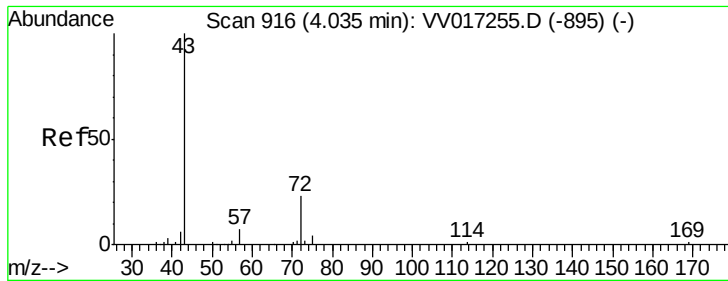


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#21

2-Butanone

Concen: 3.550 ug/L m

RT: 4.04 min Scan# 916

Delta R.T. -0.00 min

Lab File: VV017261.D

Acq: 30 Jun 2020 15:34

Instrument :

MSVOA_V

ClientSampled :

C0AK1

Tot Ion: 43 Resp: 8374

Ion Ratio Lower Upper

43 100

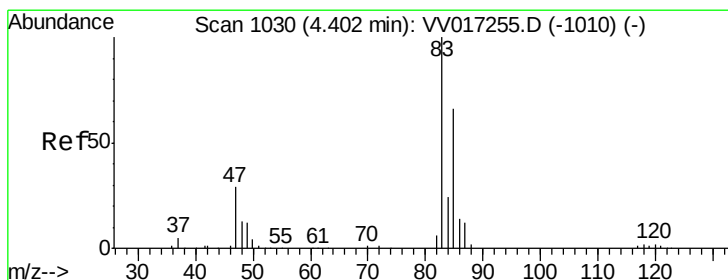
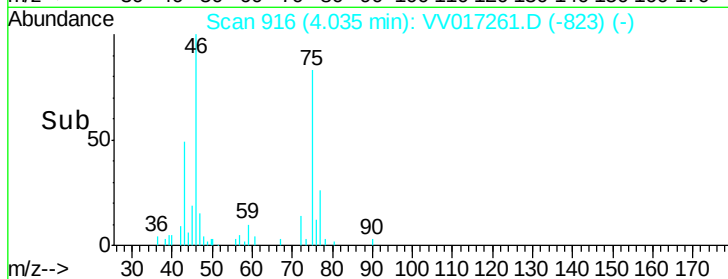
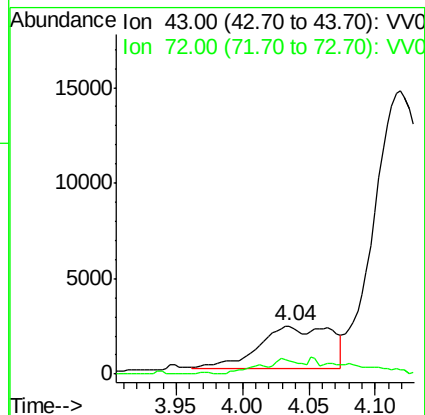
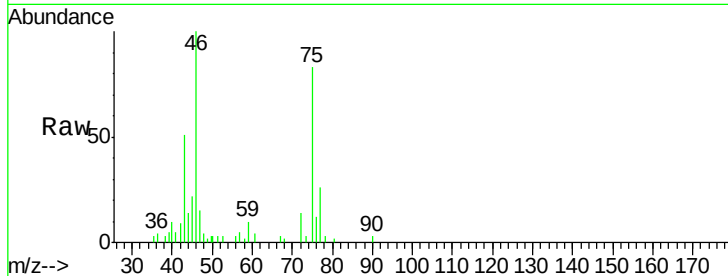
72 5.6 12.4 37.4#

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#25

Chloroform

Concen: 0.651 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV017261.D

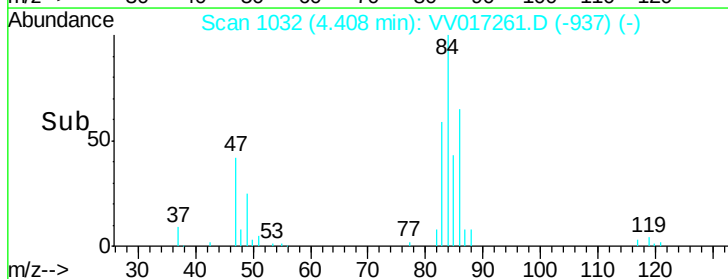
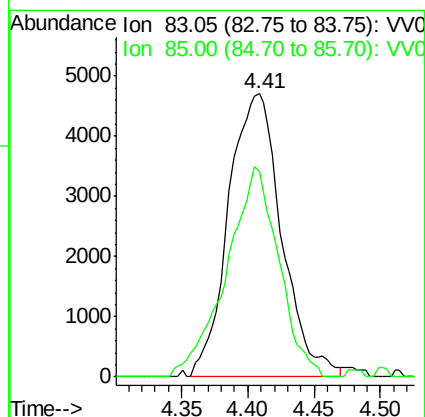
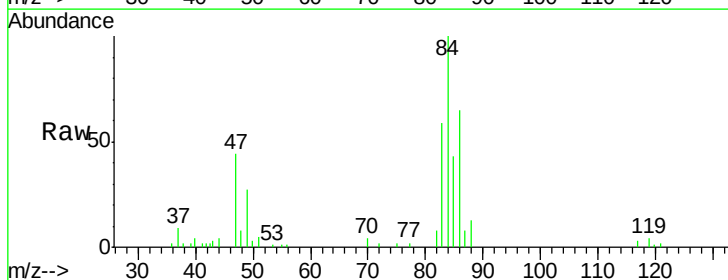
Acq: 30 Jun 2020 15:34

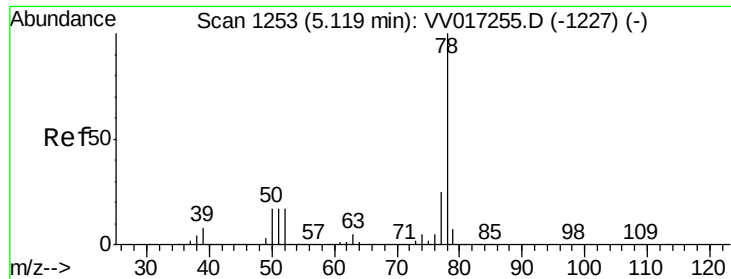
Tgt Ion: 83 Resp: 13142

Ion Ratio Lower Upper

83 100

85 72.5 44.2 82.2





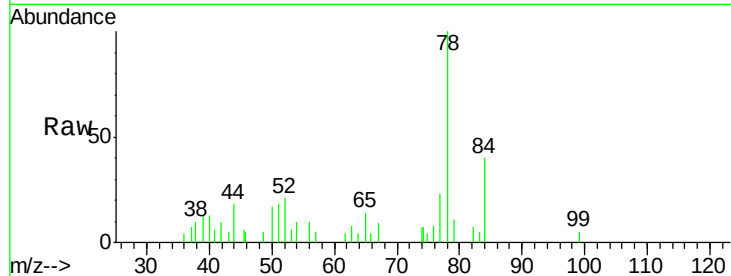
#33
Benzene
Concen: 0.161 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV017261.D
Acq: 30 Jun 2020 15:34

Instrument :
MSVOA_V
ClientSampleId :
C0AK1

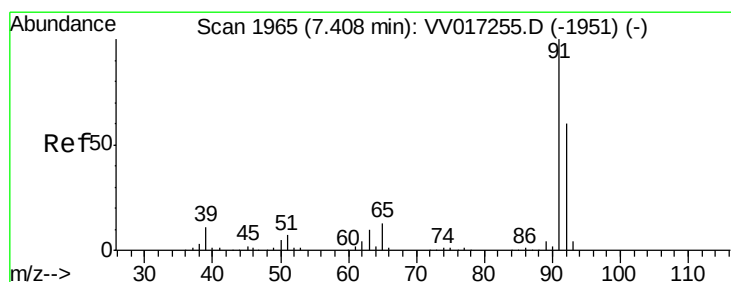
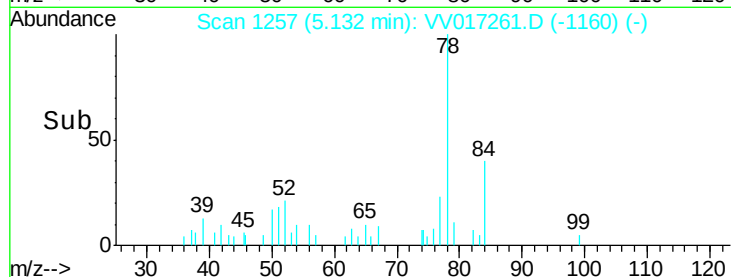
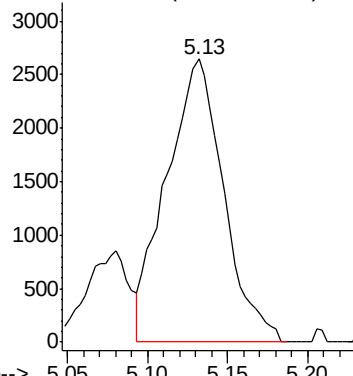
Tgt Ion: 78 Resp: 6473

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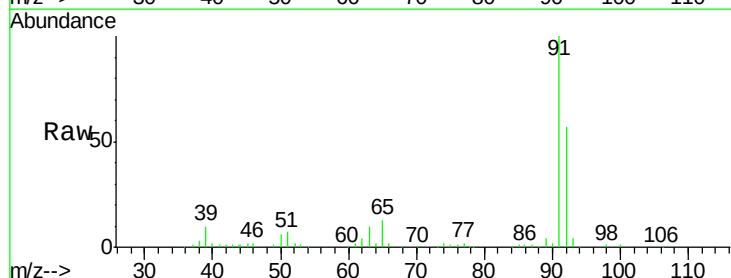


Abundance Ion 78.10 (77.80 to 78.80): VV0

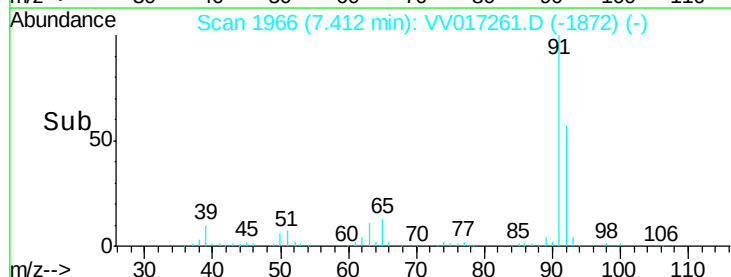
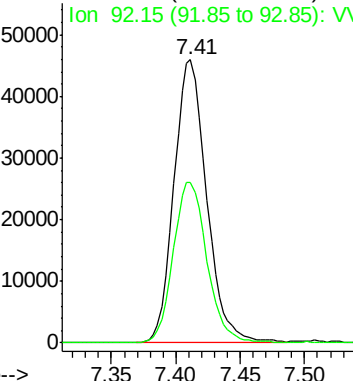


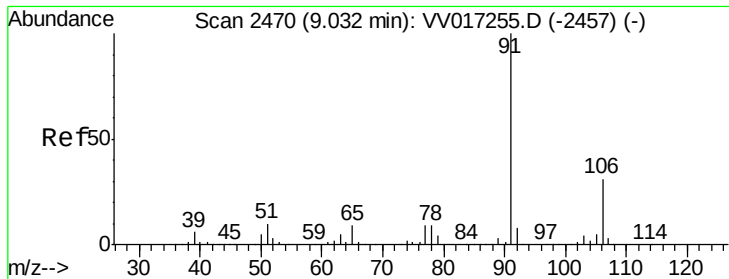
#42
Toluene
Concen: 1.728 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV017261.D
Acq: 30 Jun 2020 15:34

Tgt Ion: 91 Resp: 80900
Ion Ratio Lower Upper
91 100
92 56.5 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0





#54

Ethylbenzene

Concen: 0.144 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017261.D

Acq: 30 Jun 2020 15:34

Instrument :

MSVOA_V

ClientSampled :

C0AK1

Tot Ion: 91 Resp: 7211

Ion Ratio Lower Upper

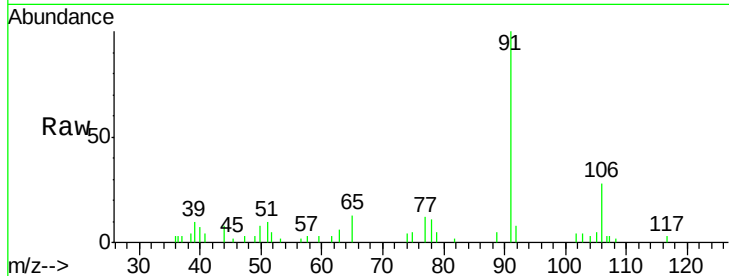
91 100

106 27.8 21.1 39.1

Manual Integrations
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Abundance Ion 91.15 (90.85 to 91.85): VV017255.D (-2457) (-)

Ion 106.15 (105.85 to 106.85): VV017255.D (-2457) (-)

9.04

5000

4000

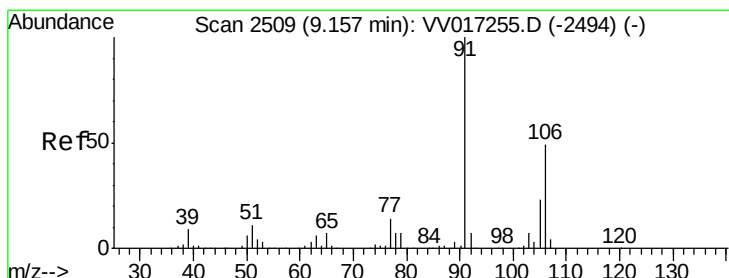
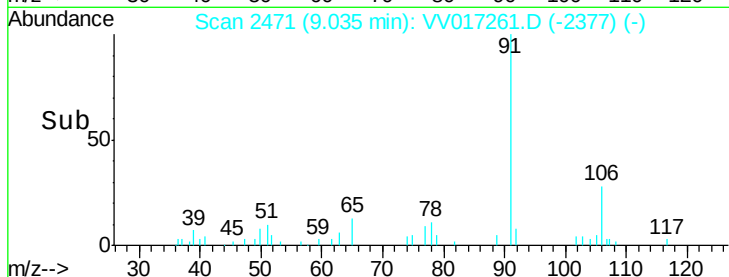
3000

2000

1000

0

Time-->



#55

m,p-xylene

Concen: 0.711 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017261.D

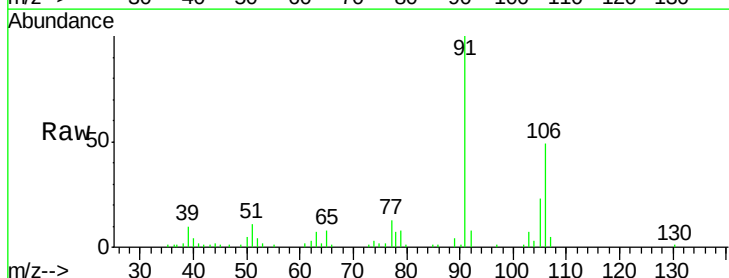
Acq: 30 Jun 2020 15:34

Tgt Ion: 106 Resp: 13945

Ion Ratio Lower Upper

106 100

91 202.6 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): VV017255.D (-2494) (-)

Ion 91.15 (90.85 to 91.85): VV017255.D (-2494) (-)

9.16

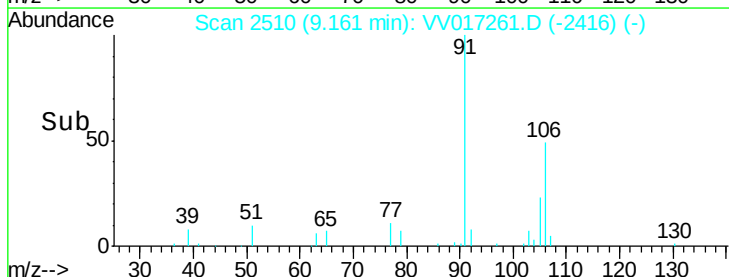
15000

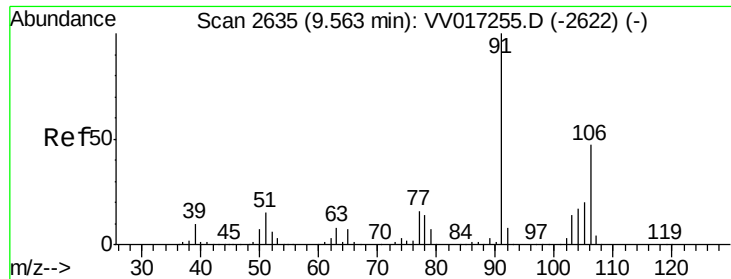
10000

5000

0

Time-->





#56
 o-xylene
 Concen: 0.266 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV017261.D
 Acq: 30 Jun 2020 15:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
4860	106	100			
	91	222.8		153.6	285.2

Manual Integrations
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