

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017341.D
 Acq On : 06 Jul 2020 10:53
 Operator : SY/MD
 Sample : L3168-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

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 7/8/2020 12:26:32 PM

Quant Time: Jul 07 01:37:44 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	166563	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162342	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78879	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41729	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	38315	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	65168	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.92	46	119024	46.72	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.44%
24) Chloroform-d	4.38	84	104089	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.06	65	58289	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.08	84	184621	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.09	67	54248	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.34	98	162588	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
45) trans-1,3-Dichloropropene-	7.64	79	20818	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
48) 2-Hexanone-d5	8.11	63	70465	35.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.44%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37261	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	69819	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
13) Acetone	2.20	43	21423	16.634 ug/L	95
16) Methylene chloride	2.53	84	3262	0.381 ug/L	97
21) 2-Butanone	4.03	43	8779m	3.616 ug/L	
25) Chloroform	4.41	83	11900	0.572 ug/L	100
33) Benzene	5.13	78	5504	0.129 ug/L	100
42) Toluene	7.41	91	64686	1.309 ug/L	99
54) Ethylbenzene	9.04	91	5809	0.110 ug/L	98
55) m,p-xylene	9.16	106	11560	0.559 ug/L	97
56) o-xylene	9.57	106	4400	0.228 ug/L	75

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

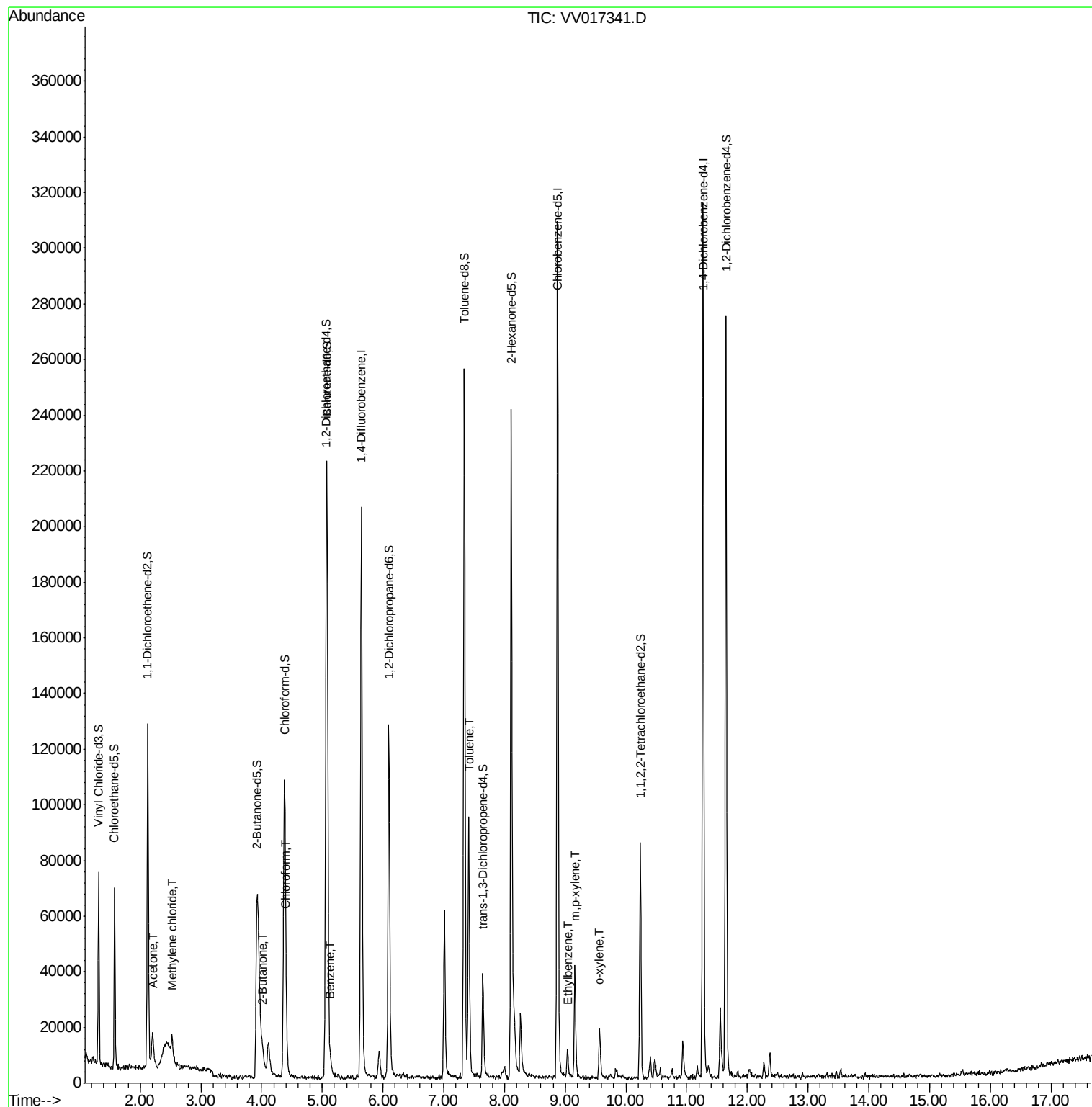
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070620\
Data File : VV017341.D
Acq On : 06 Jul 2020 10:53
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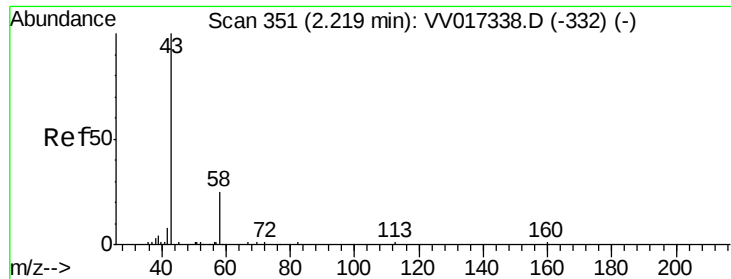
Instrument :
MSVOA_V
ClientSampleId :
C0AK2

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Quant Time: Jul 07 01:37:44 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: 16.634 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV017341.D

Acq: 06 Jul 2020 10:53

Instrument :

MSVOA_V

ClientSampleId :

C0AK2

Tot Ion: 43 Resp: 21423

Ion Ratio Lower Upper

43 100

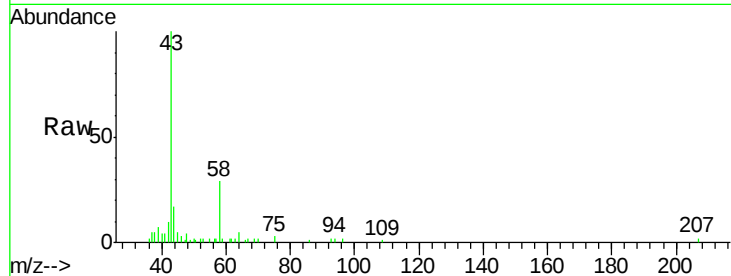
58 26.7 0.0 58.4

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

8000

6000

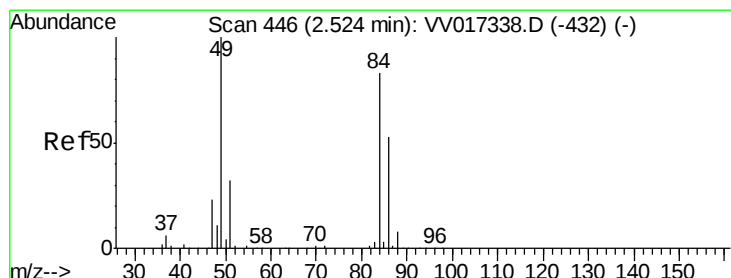
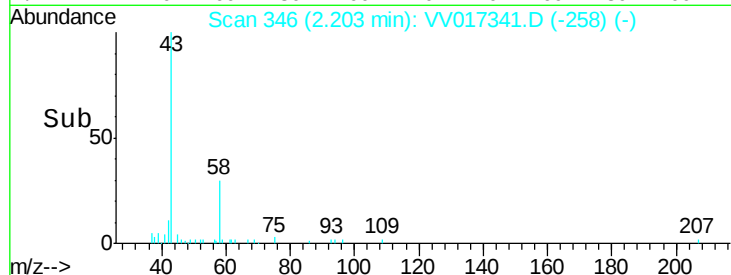
4000

2000

0

Time--> 2.10 2.20 2.30

2.20



#16

Methylene chloride

Concen: 0.381 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.01 min

Lab File: VV017341.D

Acq: 06 Jul 2020 10:53

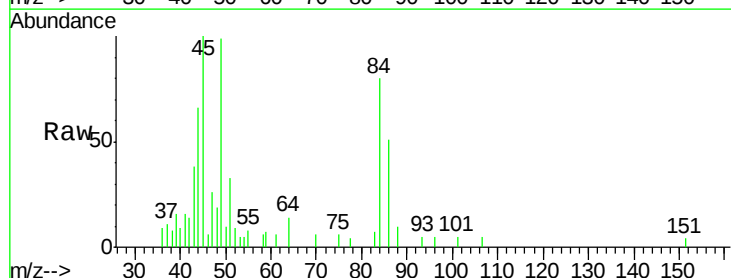
Tgt Ion: 84 Resp: 3262

Ion Ratio Lower Upper

84 100

86 64.5 45.8 85.0

49 123.8 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

3000

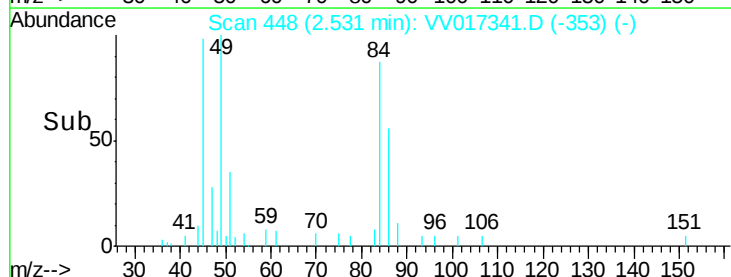
2000

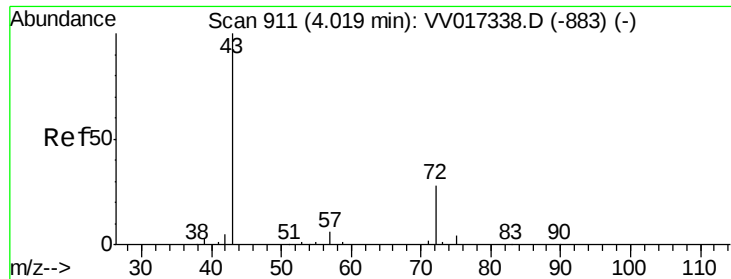
1000

0

Time--> 2.50 2.55

2.53





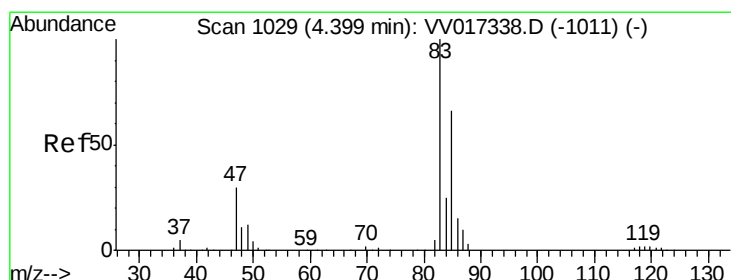
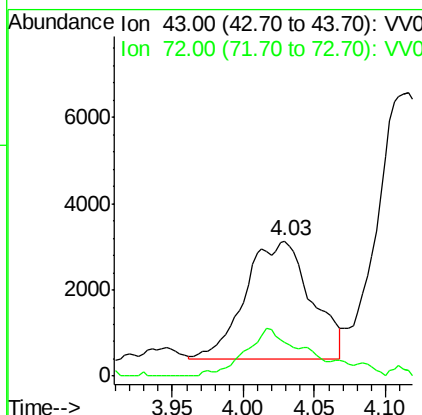
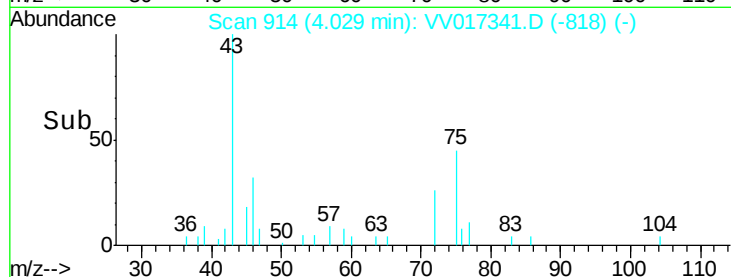
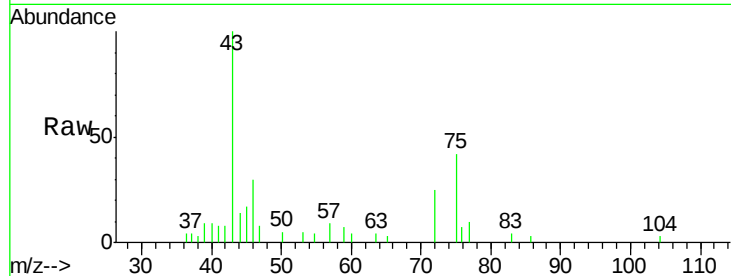
#21
2-Butanone
Concen: 3.616 ug/L m
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV017341.D
Acq: 06 Jul 2020 10:53

Instrument :
MSVOA_V
ClientSampled :
C0AK2

Tot Ion: 43 Resp: 8779
Ion Ratio Lower Upper
43 100
72 26.9 12.4 37.4

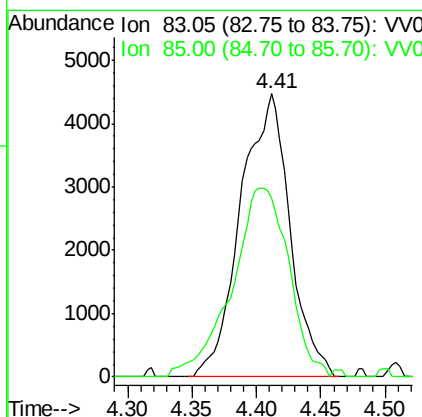
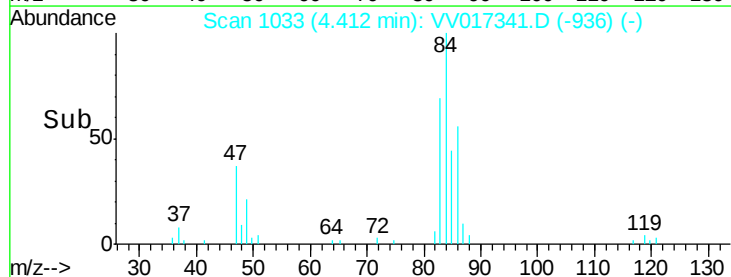
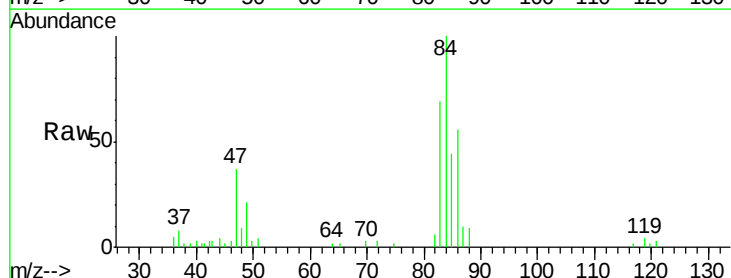
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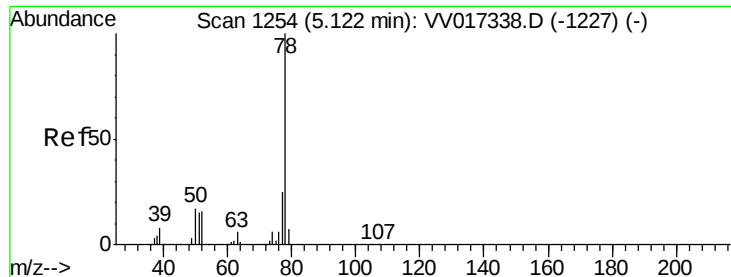
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#25
Chloroform
Concen: 0.572 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV017341.D
Acq: 06 Jul 2020 10:53

Tgt Ion: 83 Resp: 11900
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2





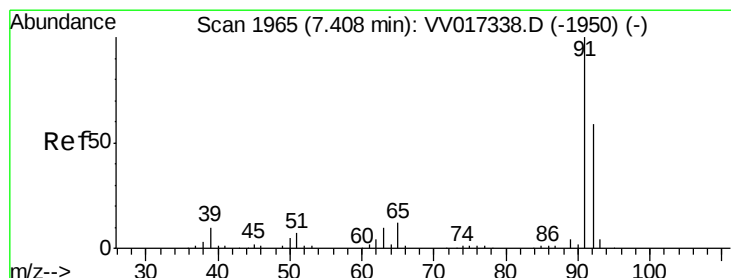
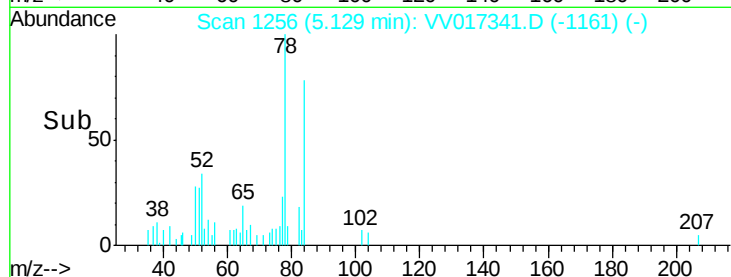
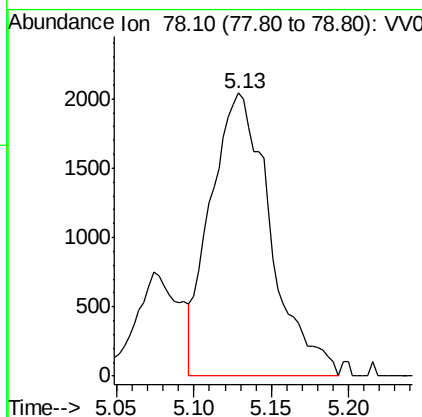
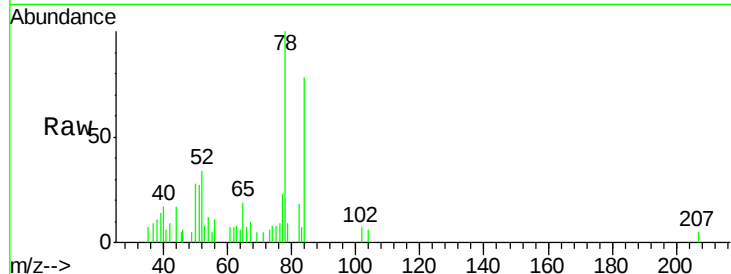
#33
Benzene
Concen: 0.129 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017341.D
Acq: 06 Jul 2020 10:53

Instrument :
MSVOA_V
ClientSampleId :
C0AK2

Tgt Ion: 78 Resp: 5504

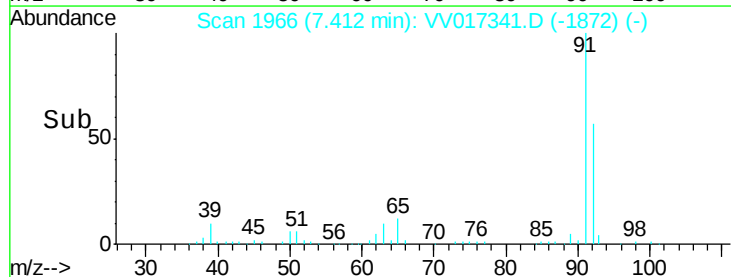
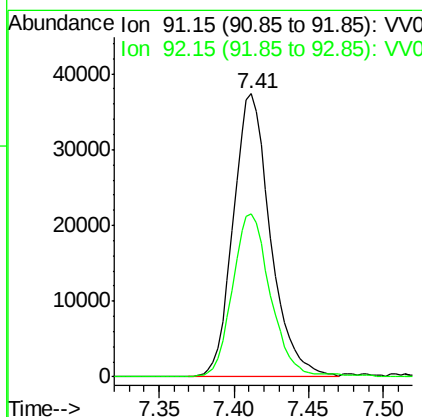
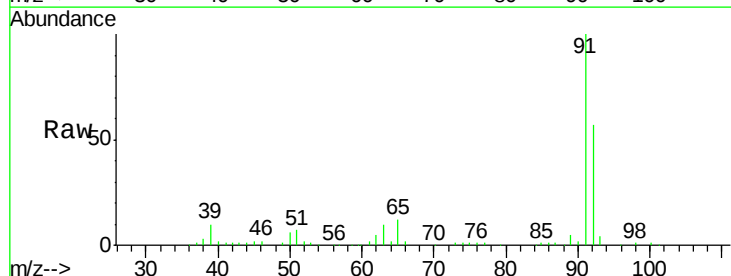
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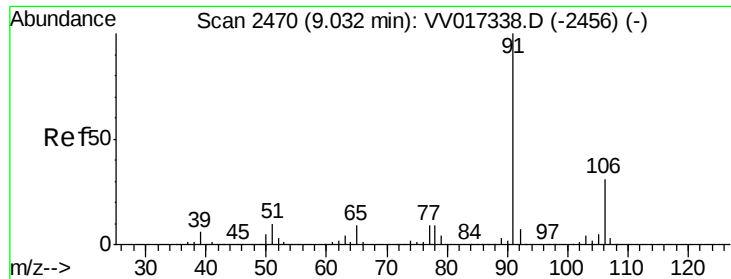
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#42
Toluene
Concen: 1.309 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV017341.D
Acq: 06 Jul 2020 10:53

Tgt Ion: 91 Resp: 64686
Ion Ratio Lower Upper
91 100
92 57.5 39.9 74.1





#54

Ethylbenzene

Concen: 0.110 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017341.D

Acq: 06 Jul 2020 10:53

Tot Ion: 91 Resp: 5809

Ion Ratio Lower Upper

91 100

106 30.9 21.1 39.1

Instrument :

MSVOA_V

ClientSampleId :

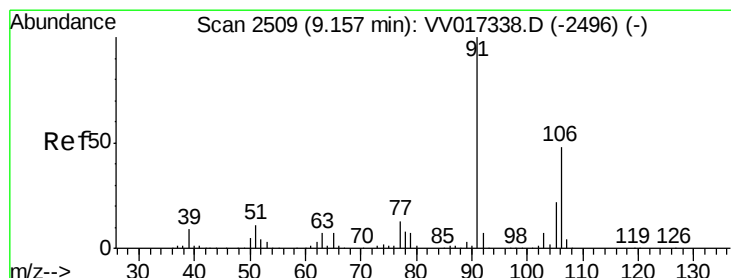
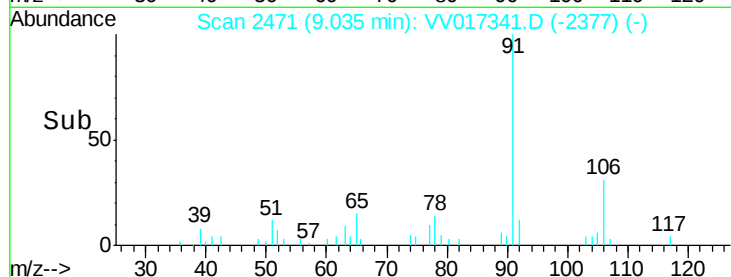
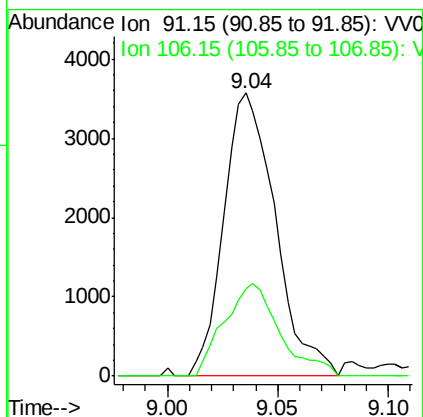
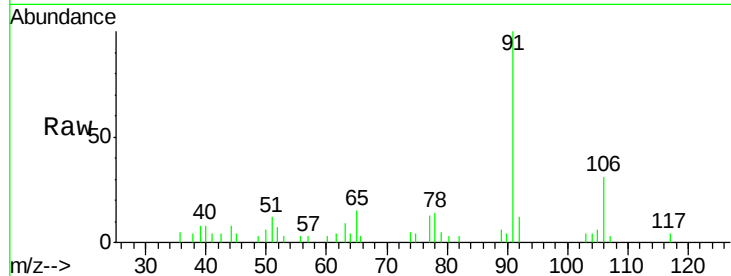
C0AK2

Manual Integrations

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#55

m,p-xylene

Concen: 0.559 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV017341.D

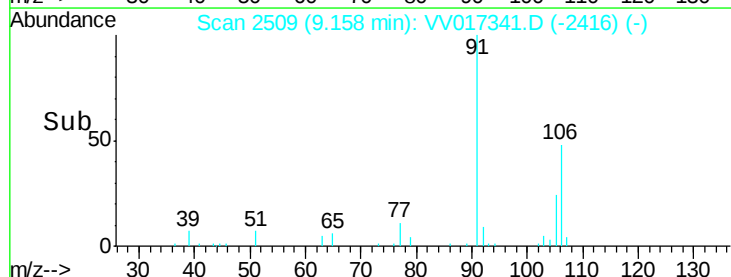
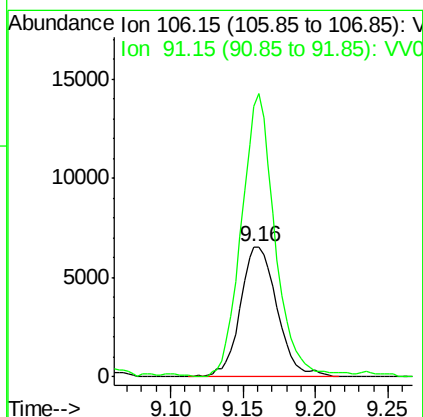
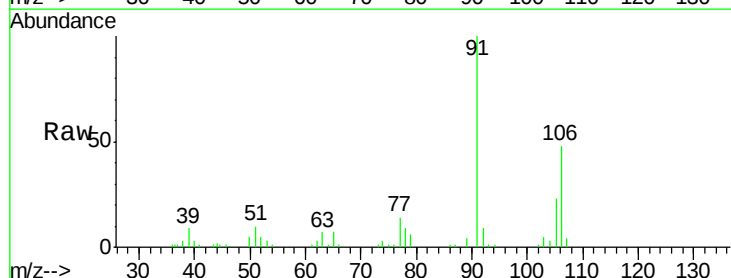
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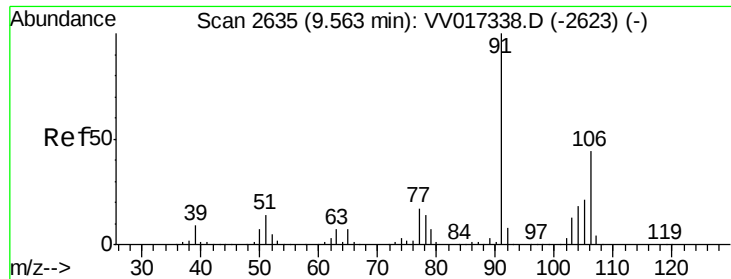
Tgt Ion: 106 Resp: 11560

Ion Ratio Lower Upper

106 100

91 207.9 142.7 264.9





#56
o-xylene
Concen: 0.228 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017341.D
Acq: 06 Jul 2020 10:53

Instrument :
MSVOA_V
ClientSampled :
C0AK2

Tot Ion	Ratio	Lower	Upper
106	100		
91	259.0	153.6	285.2

Manual Integrations
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