

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017678.D
 Acq On : 27 Jul 2020 15:06
 Operator : SY/MD
 Sample : L3459-02MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAY43MS

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 11:40:41 AM

Quant Time: Jul 28 06:15:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164027	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80583	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31815	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	26826	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.13	63	73337	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.92	46	80235	41.87	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.74%
24) Chloroform-d	4.38	84	85311	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	46666	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.07	84	153204	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.10	67	42958	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.34	98	137652	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
45) trans-1,3-Dichloropropene-	7.65	79	19206	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	8.11	63	55485	39.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30495	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	60042	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	34764	3.848 ug/L	95
13) Acetone	2.19	43	20084	13.388 ug/L #	57
21) 2-Butanone	4.02	43	3804m	1.502 ug/L	
33) Benzene	5.13	78	196487	4.232 ug/L	100
34) Trichloroethene	5.94	95	55716	4.296 ug/L	97
42) Toluene	7.41	91	227068	4.483 ug/L	97
53) Chlorobenzene	8.90	112	164196	4.863 ug/L	100

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

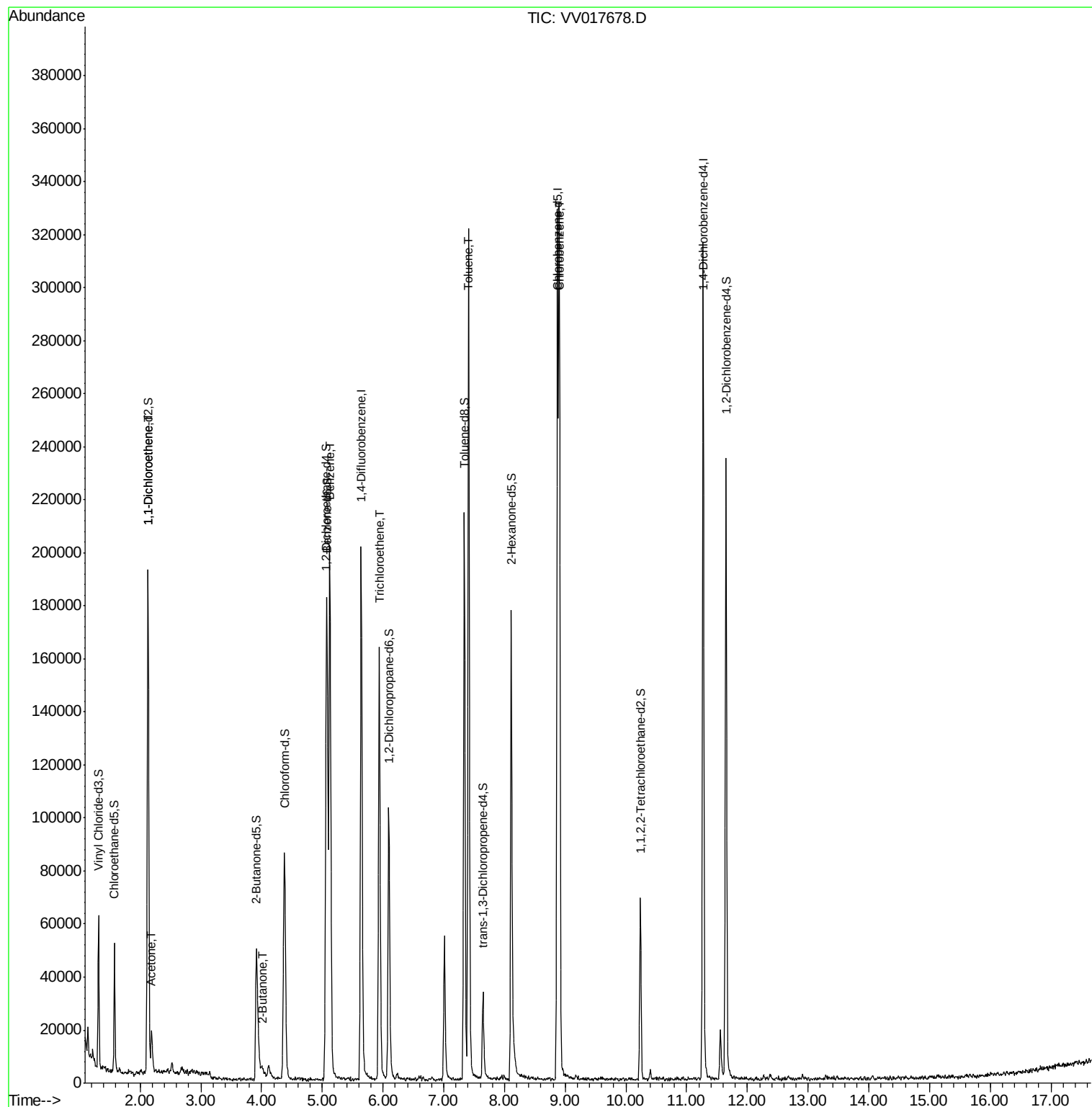
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072720\
Data File : VV017678.D
Acq On : 27 Jul 2020 15:06
Operator : SY/MD
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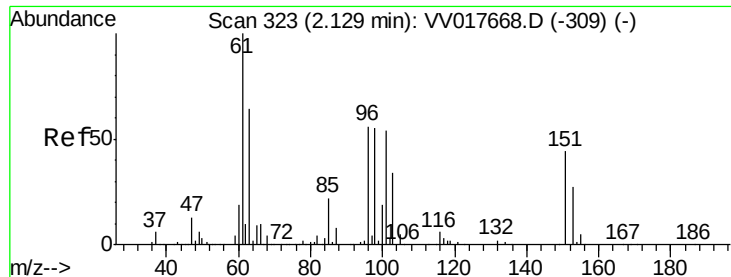
Instrument :
MSVOA_V
ClientSampleId :
GAY43MS

Manual Integrations
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Quant Time: Jul 28 06:15:40 2020
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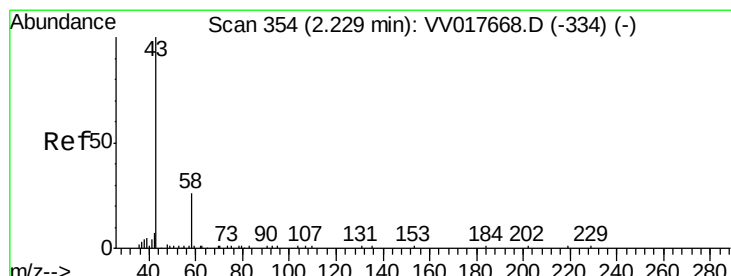
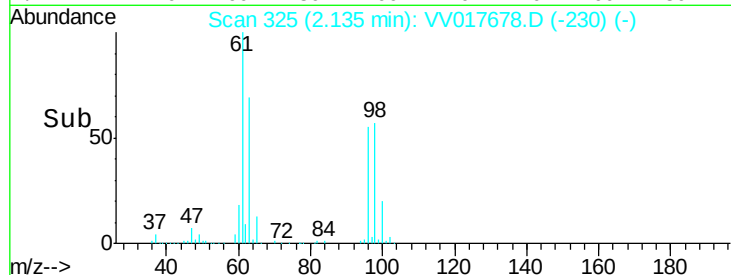
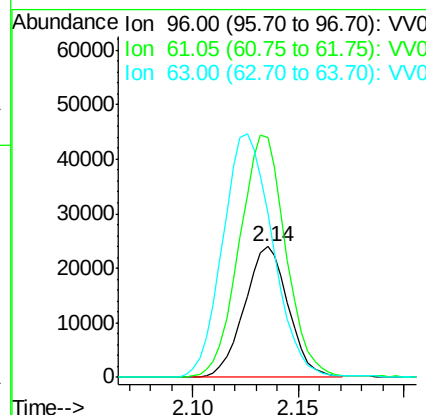
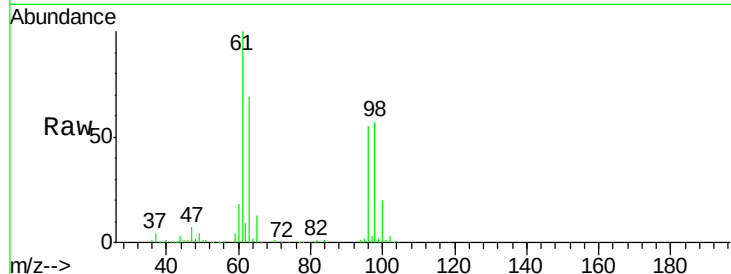
#12
 1,1-Dichloroethene
 Concen: 3.848 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: VV017678.D
 Acq: 27 Jul 2020 15:06

Instrument :
 MSVOA_V
 ClientSampleId :
 GAY43MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	183.4	123.1	228.7
63	126.1	91.2	169.4

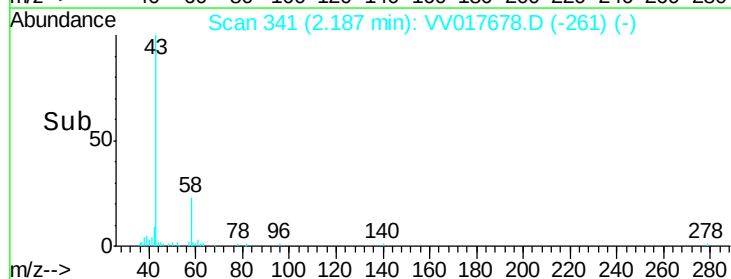
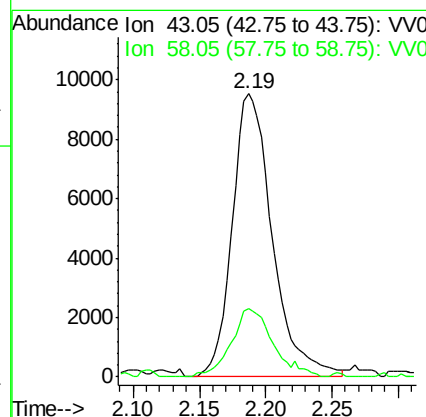
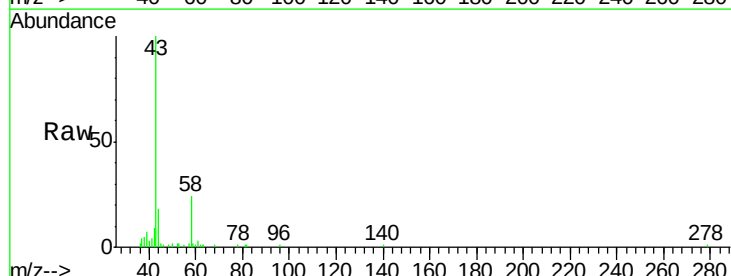
Manual Integrations
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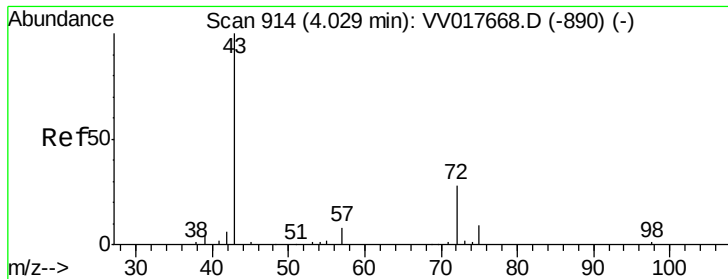
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#13
 Acetone
 Concen: 13.388 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.04 min
 Lab File: VV017678.D
 Acq: 27 Jul 2020 15:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.0	0.0	18.6#





#21

2-Butanone

Concen: 1.502 ug/L m

RT: 4.02 min Scan# 912

Delta R.T. -0.01 min

Lab File: VV017678.D

Acq: 27 Jul 2020 15:06

Instrument :

MSVOA_V

ClientSampleId :

GAY43MS

Tot Ion: 43 Resp: 3804

Ion Ratio Lower Upper

43 100

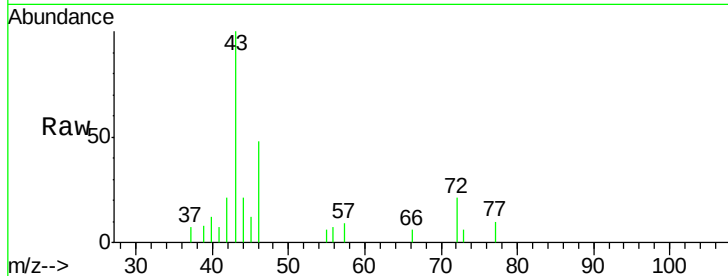
72 1.1 13.0 38.9#

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Abundance Ion 43.00 (42.70 to 43.70): VV017668.D (-890) (-)

Ion 72.00 (71.70 to 72.70): VV017668.D (-890) (-)

2000

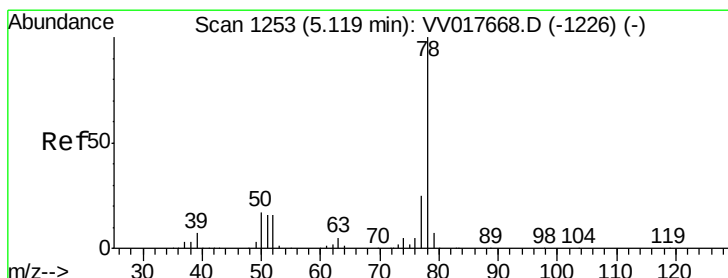
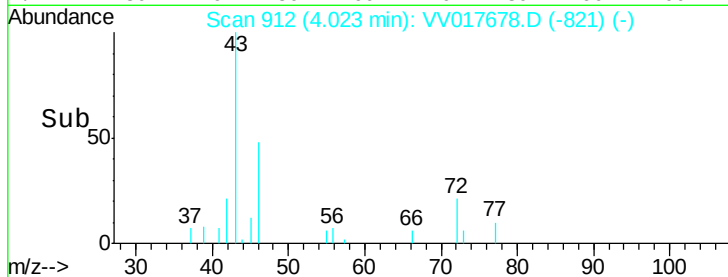
1500

1000

500

0

Time-->



#33

Benzene

Concen: 4.232 ug/L

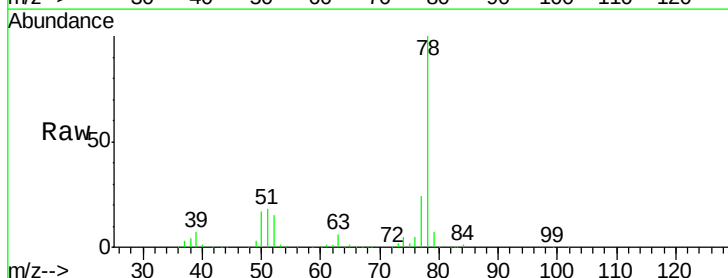
RT: 5.13 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VV017678.D

Acq: 27 Jul 2020 15:06

Tgt Ion: 78 Resp: 196487



Abundance Ion 78.10 (77.80 to 78.80): VV017668.D (-1226) (-)

100000

80000

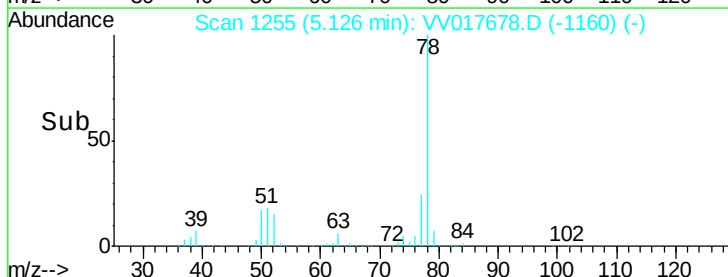
60000

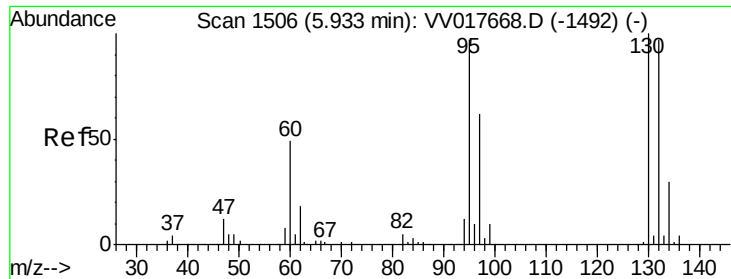
40000

20000

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Time-->





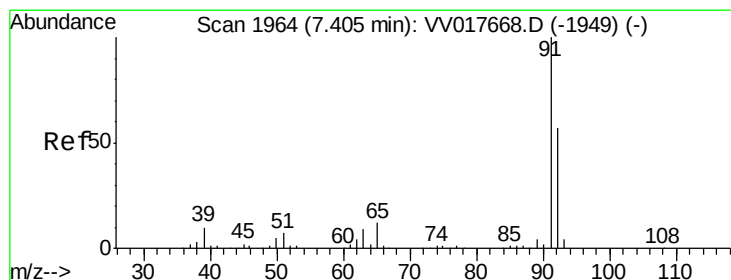
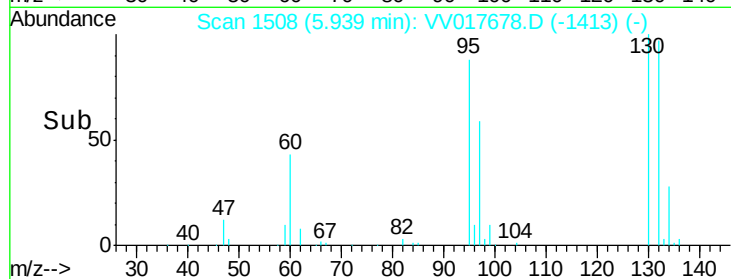
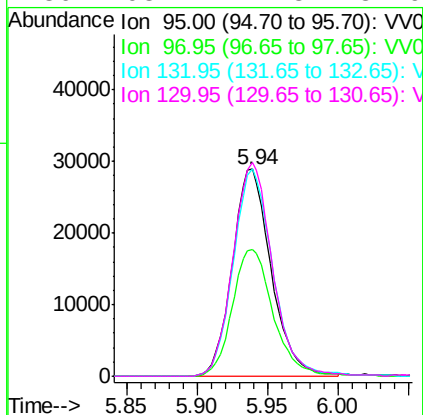
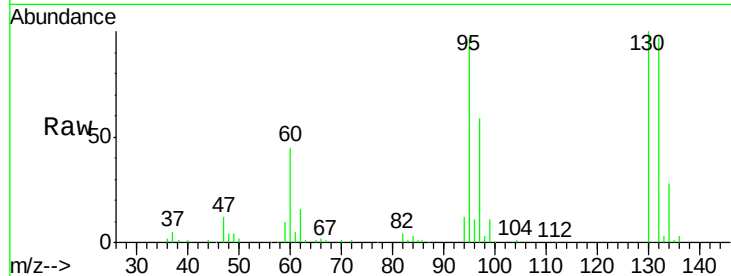
#34
 Trichloroethene
 Concen: 4.296 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV017678.D
 Acq: 27 Jul 2020 15:06

Instrument :
 MSVOA_V
 ClientSampleId :
 GAY43MS

Tot Ion	Ratio	Lower	Upper
95	100		
97	61.1	46.1	85.5
132	99.9	71.7	133.1
130	103.2	74.3	137.9

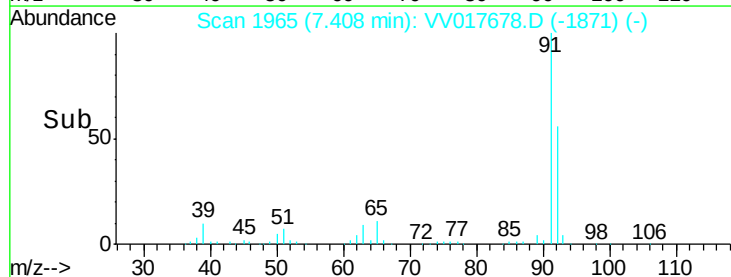
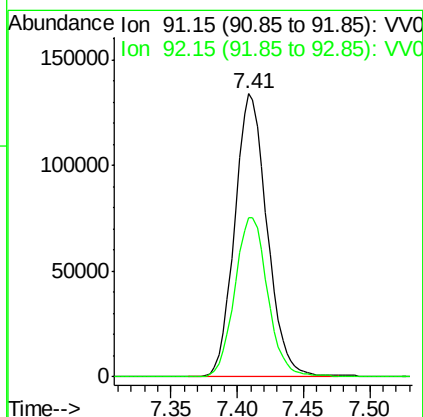
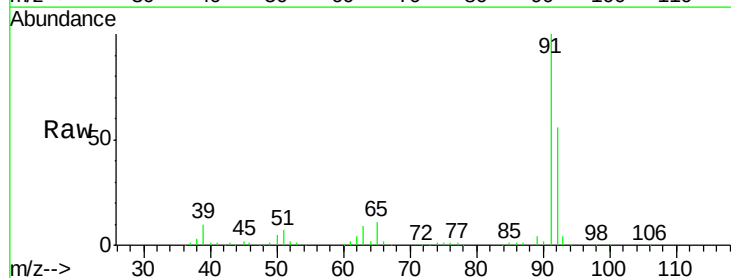
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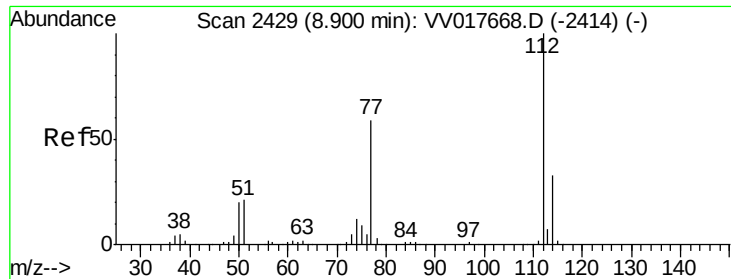
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#42
 Toluene
 Concen: 4.483 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV017678.D
 Acq: 27 Jul 2020 15:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.8	75.8





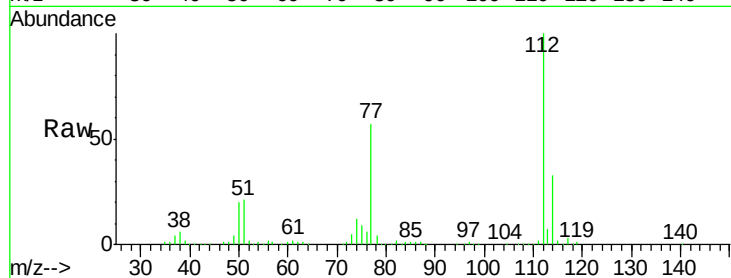
#53
 Chlorobenzene
 Concen: 4.863 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV017678.D
 Acq: 27 Jul 2020 15:06

Instrument :
 MSVOA_V
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Tot Ion:	112	Resp:	164196
Ion Ratio	Lower	Upper	
112	100		
114	33.4	23.2	43.2
77	56.7	45.6	68.4

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Abundance Ion 112.10 (111.80 to 112.80): V
 Ion 114.05 (113.75 to 114.75): V
 Ion 77.10 (76.80 to 77.80): V

