

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
 Data File : VV011716.D
 Acq On : 22 Jun 2019 05:29
 Operator : SY/MD
 Sample : K3479-11MS
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAP07MS

Quant Time: Jun 24 07:50:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 24 05:42:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163532	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63276	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41839	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	34564	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.12	63	93053	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	3.96	46	163147	57.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.12%
24) Chloroform-d	4.40	84	88886	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	56881	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	188666	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.12	67	61535	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	160444	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	17365	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.14	63	124144	57.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47365	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	56442	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

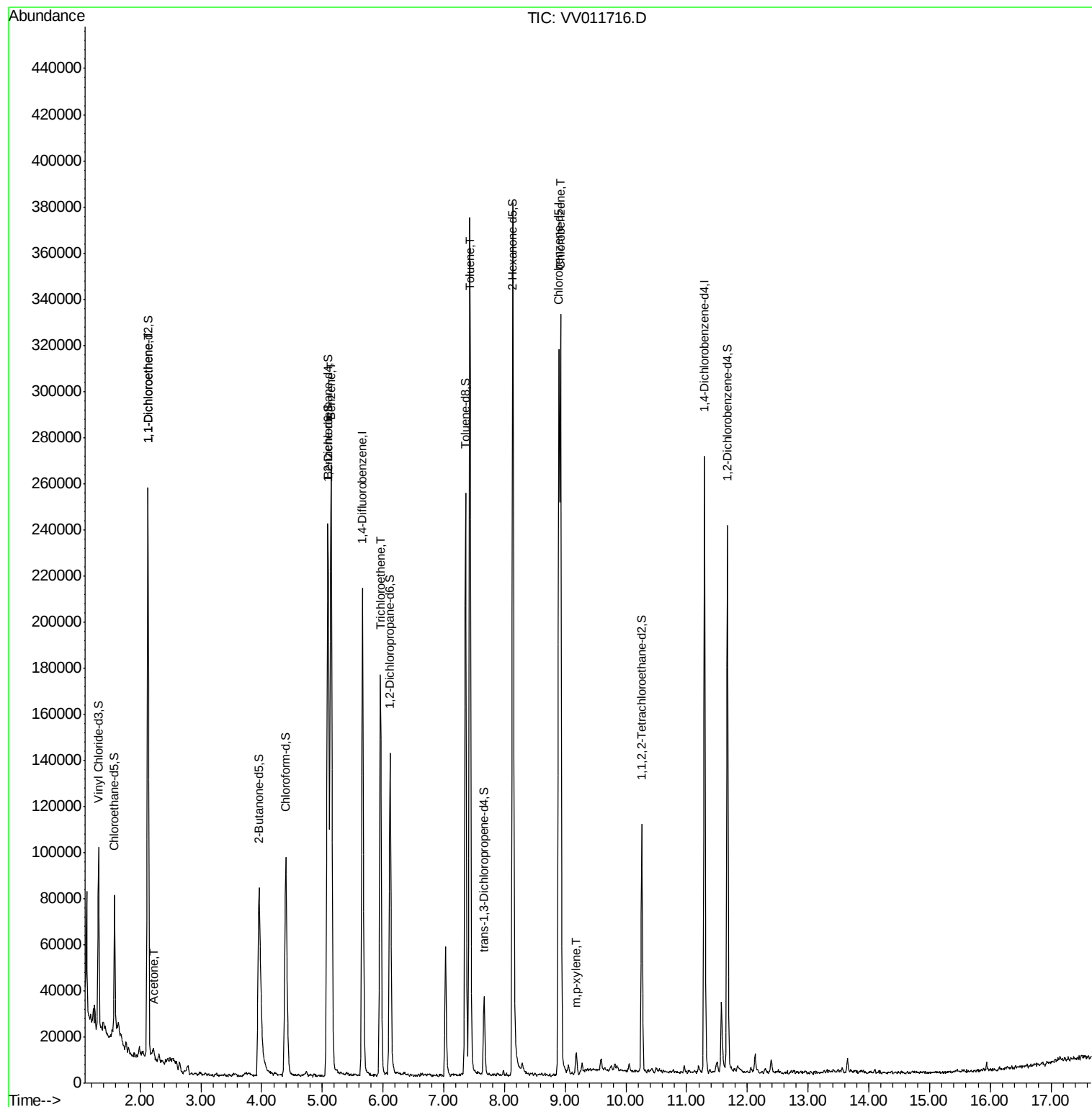
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	44639	4.411	ug/L	95
13) Acetone	2.21	43	9073	4.393	ug/L	92
33) Benzene	5.14	78	246487	4.853	ug/L	100
34) Trichloroethene	5.96	95	58789	4.365	ug/L	98
42) Toluene	7.43	91	255902	4.822	ug/L	99
51) Chlorobenzene	8.92	112	154705	4.701	ug/L	99
53) m,p-xylene	9.18	106	2761	0.128	ug/L	99

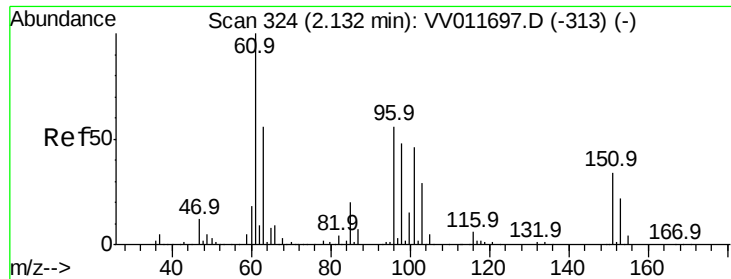
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 24 05:42:24 2019
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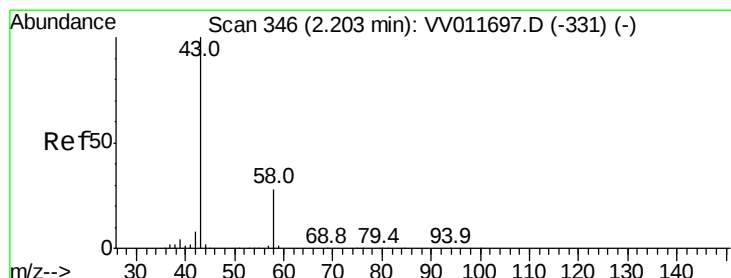
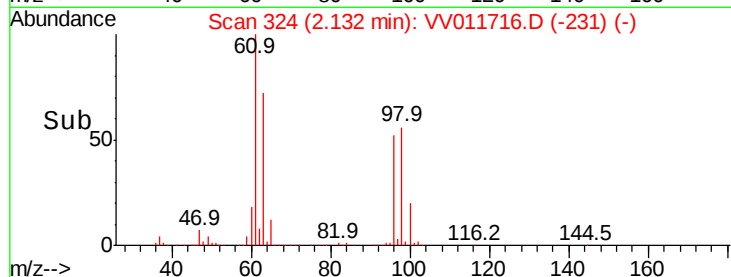
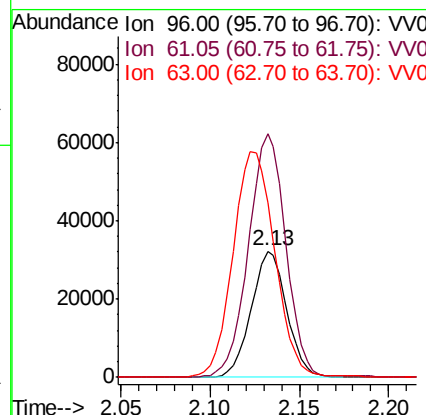
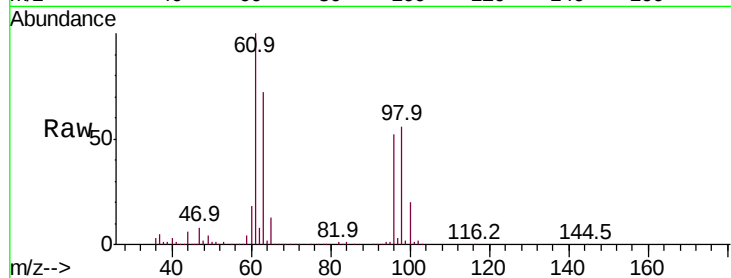




#12
 1,1-Dichloroethene
 Concen: 4.411 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV011716.D
 Acq: 22 Jun 2019 05:29

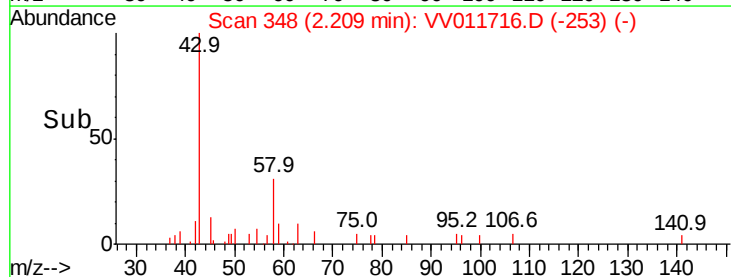
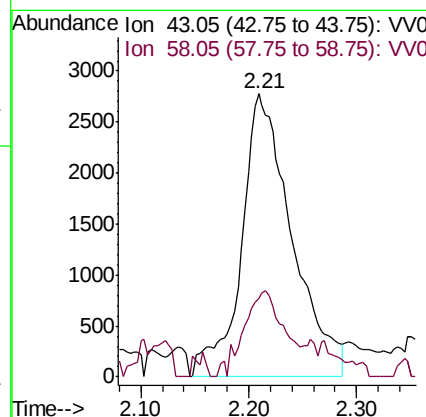
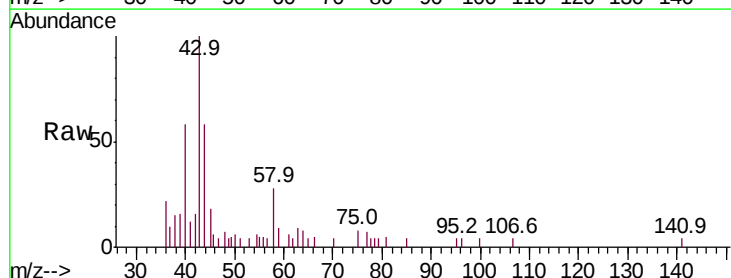
Instrument :
 MSVOA_V
 ClientSampleId :
 YAP07MS

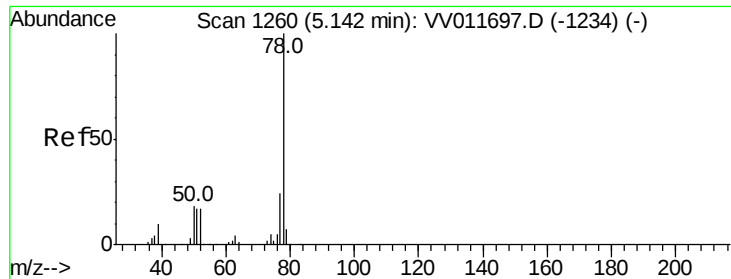
Tot Ion: 96 Resp: 44639
 Ion Ratio Lower Upper
 96 100
 61 193.1 131.5 244.1
 63 138.9 91.8 170.4



#13
 Acetone
 Concen: 4.393 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. 0.01 min
 Lab File: VV011716.D
 Acq: 22 Jun 2019 05:29

Tgt Ion: 43 Resp: 9073
 Ion Ratio Lower Upper
 43 100
 58 24.1 0.0 56.6





#33

Benzene

Concen: 4.853 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

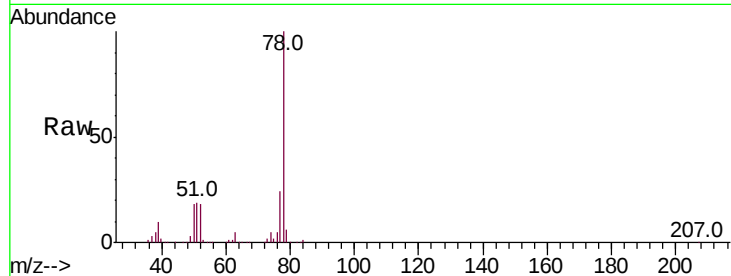
Instrument :

MSVOA_V

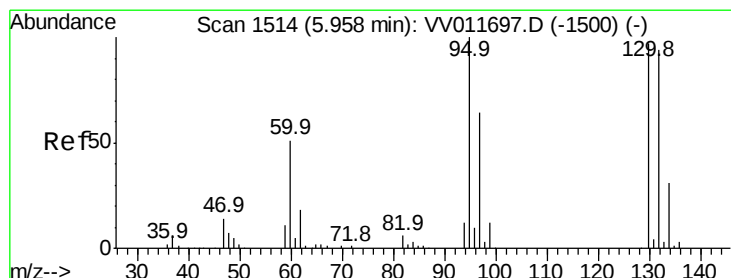
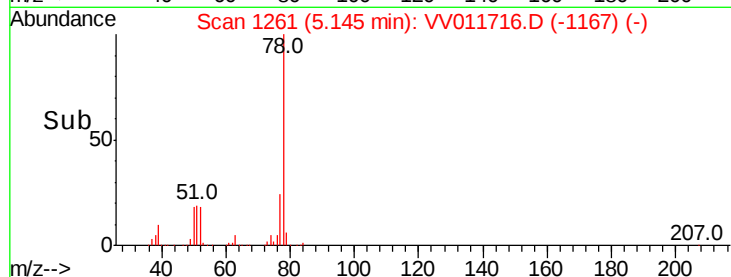
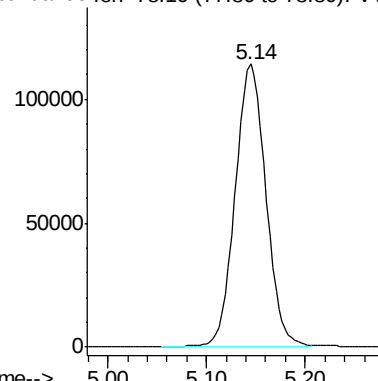
ClientSampleId :

YAP07MS

Tgt Ion: 78 Resp: 246487



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.365 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

Tgt Ion: 95 Resp: 58789

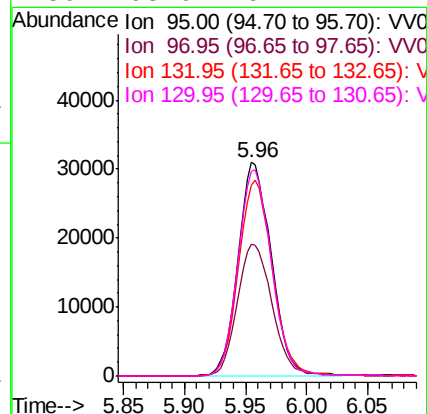
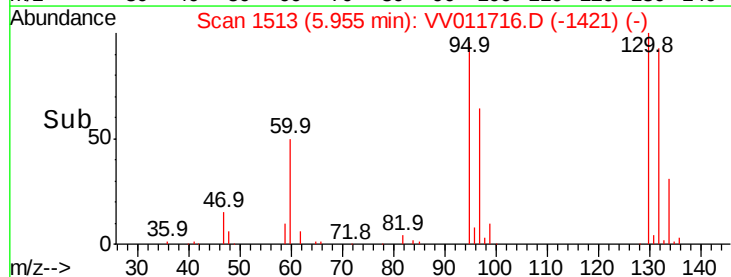
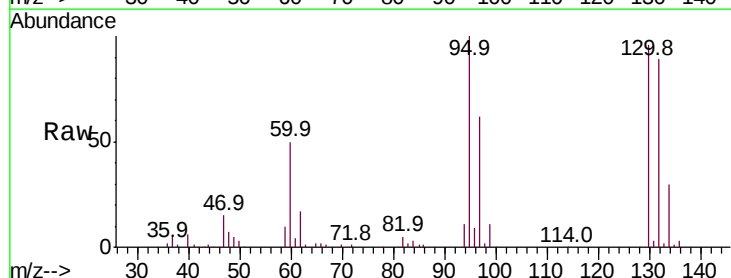
Ion	Ratio	Lower	Upper
95	100		
97	61.8	44.4	82.5
132	89.0	65.0	120.6
130	95.9	67.1	124.7

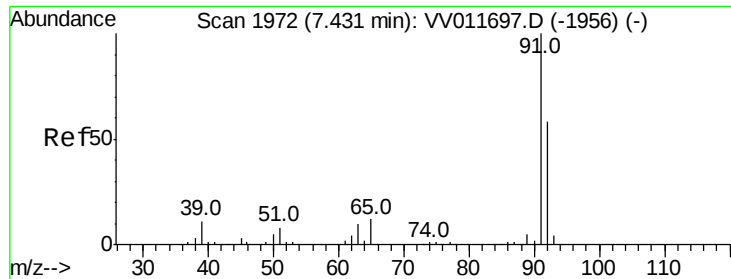
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 4.822 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

Instrument :

MSVOA_V

ClientSampleId :

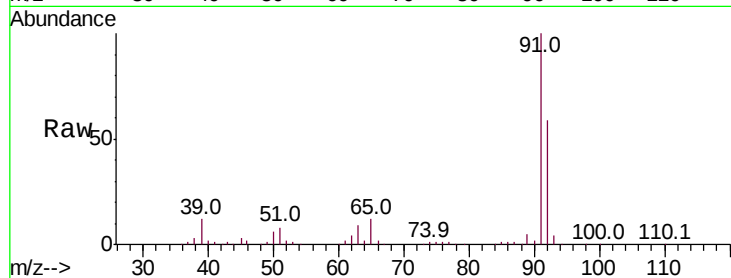
YAP07MS

Tot Ion: 91 Resp: 255902

Ion Ratio Lower Upper

91 100

92 58.5 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV011716.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV011716.D (-1879) (-)

7.43

150000

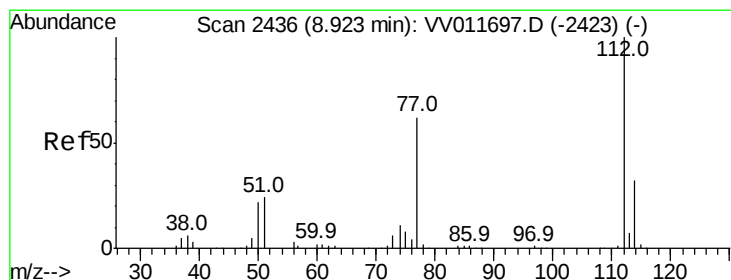
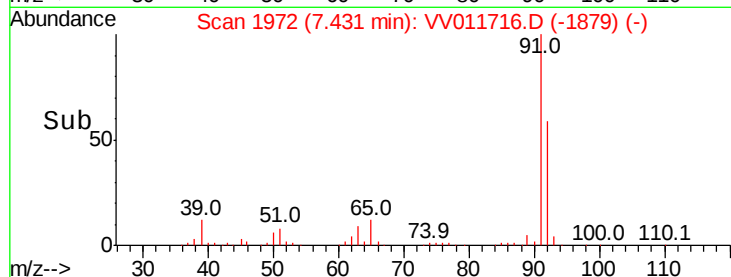
100000

50000

0

7.35 7.40 7.45 7.50

Time-->



#51

Chlorobenzene

Concen: 4.701 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

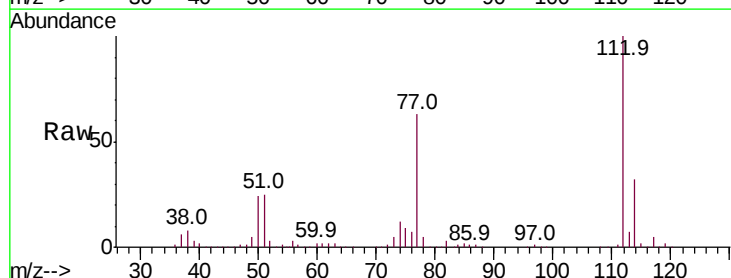
Tgt Ion: 112 Resp: 154705

Ion Ratio Lower Upper

112 100

114 31.9 23.0 42.8

77 63.4 50.0 75.0



Abundance Ion 112.10 (111.80 to 112.80): VV011716.D (-2343) (-)

Ion 114.05 (113.75 to 114.75): VV011716.D (-2343) (-)

Ion 77.10 (76.80 to 77.80): VV011716.D (-2343) (-)

8.92

120000

100000

80000

60000

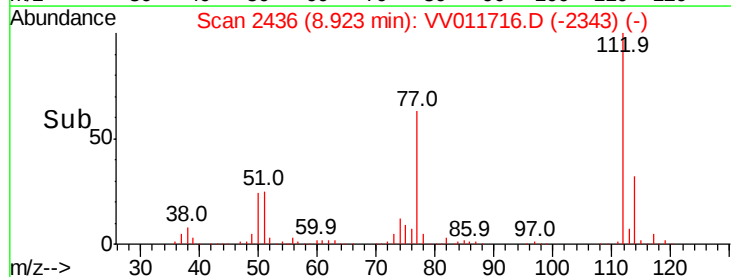
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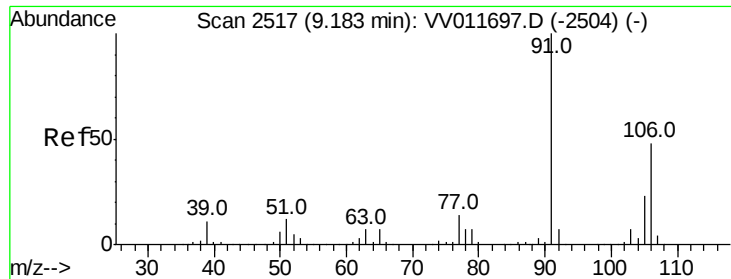
20000

0

8.85 8.90 8.95 9.00

Time-->





#53

m,p-xylene

Concen: 0.128 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

Instrument :
MSVOA_V
ClientSampleId :
YAP07MS

Tot Ion:106 Resp: 2761

Ion Ratio Lower Upper

106 100

91 208.8 144.9 269.1

