

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
 Data File : VV011717.D
 Acq On : 22 Jun 2019 05:55
 Operator : SY/MD
 Sample : K3479-12MSD
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAP07MSD

Quant Time: Jun 24 07:52:42 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	154140	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142792	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57663	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39565	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.58	69	34585	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	86940	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	3.96	46	161809	60.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.08%
24) Chloroform-d	4.40	84	86091	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	57307	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	183721	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	59457	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	149750	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	16472	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.14	63	123004	61.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46654	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	53695	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

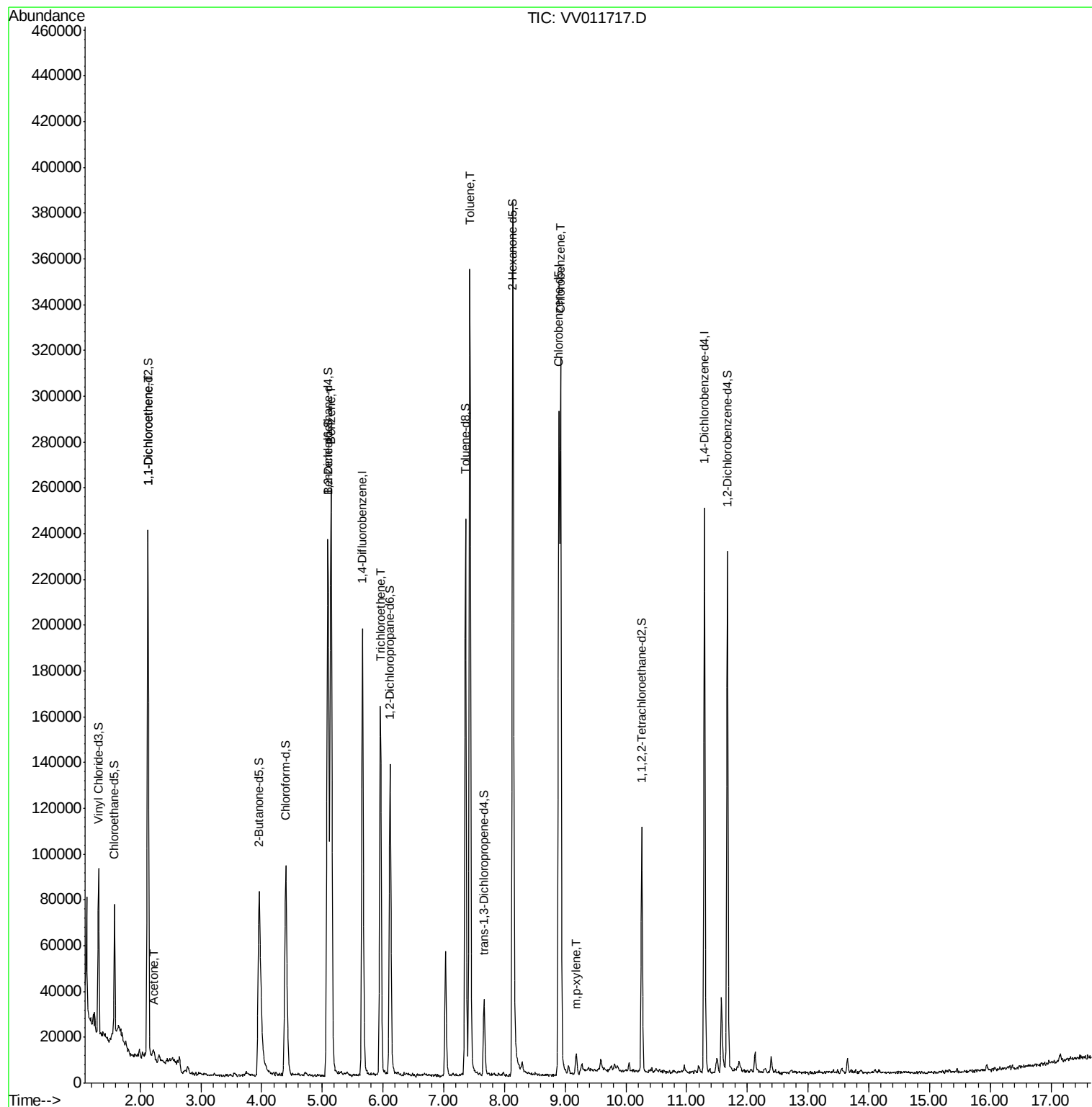
					Ovalue
12) 1,1-Dichloroethene	2.13	96	43313	4.540 ug/L	98
13) Acetone	2.22	43	6705	3.444 ug/L	86
33) Benzene	5.14	78	238526	5.039 ug/L	100
34) Trichloroethene	5.96	95	55178	4.395 ug/L	99
42) Toluene	7.43	91	243014	4.913 ug/L	100
51) Chlorobenzene	8.92	112	146797	4.786 ug/L	98
53) m,p-xylene	9.18	106	2844	0.142 ug/L	92

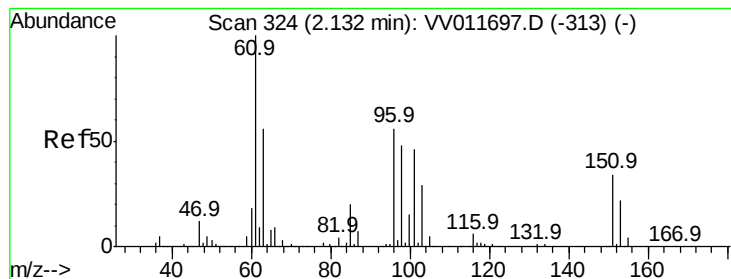
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.540 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011717.D

Acq: 22 Jun 2019 05:55

Instrument :

MSVOA_V

ClientSampleId :

YAP07MSD

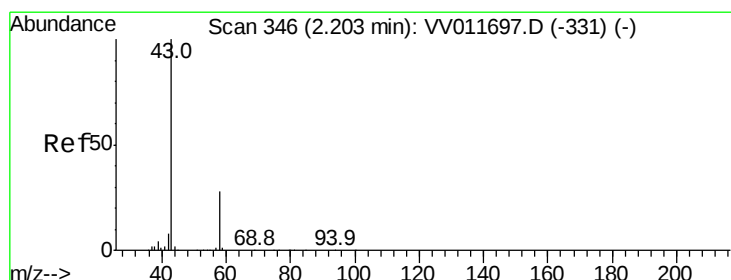
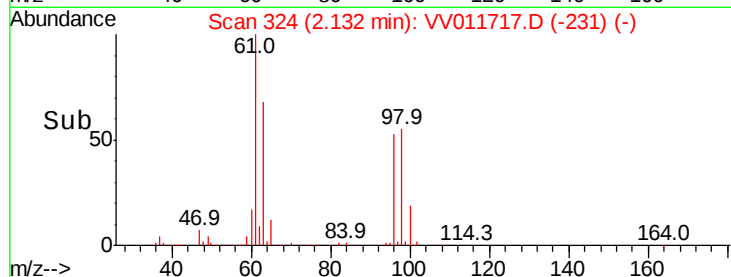
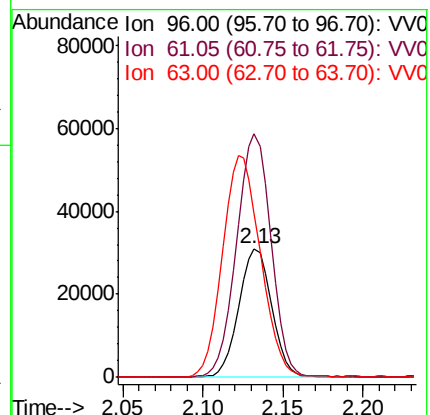
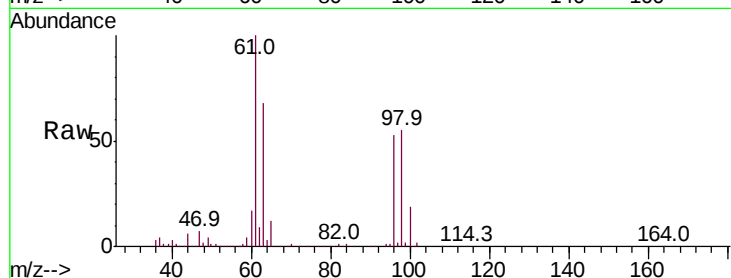
Tot Ion: 96 Resp: 43313

Ion Ratio Lower Upper

96 100

61 188.8 131.5 244.1

63 127.7 91.8 170.4



#13

Acetone

Concen: 3.444 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV011717.D

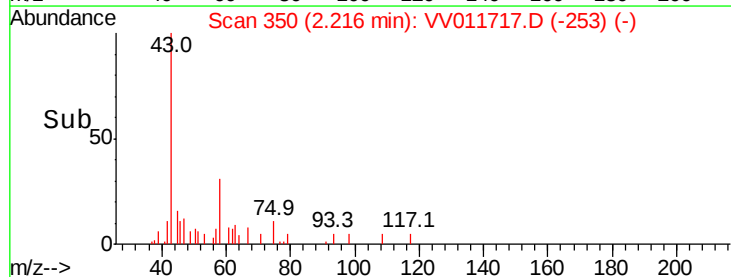
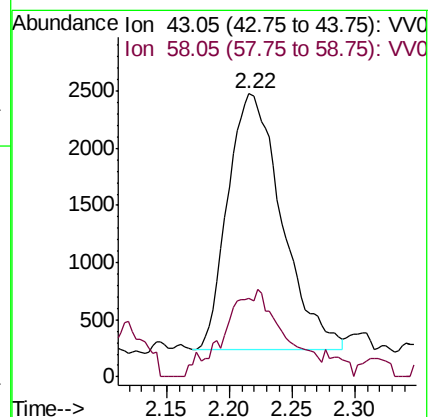
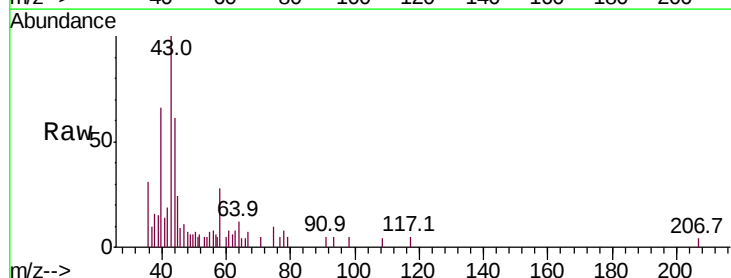
Acq: 22 Jun 2019 05:55

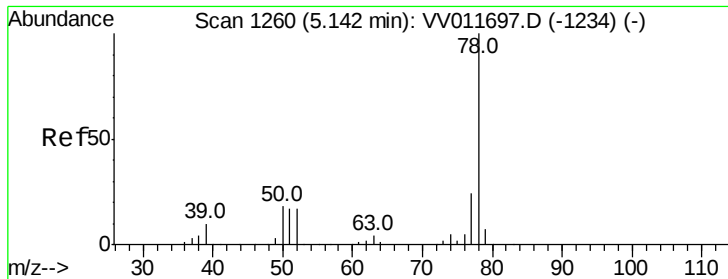
Tgt Ion: 43 Resp: 6705

Ion Ratio Lower Upper

43 100

58 35.9 0.0 56.6





#33

Benzene

Concen: 5.039 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV011717.D

Acq: 22 Jun 2019 05:55

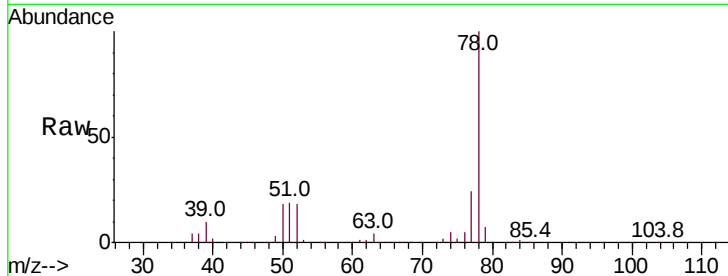
Instrument :

MSVOA_V

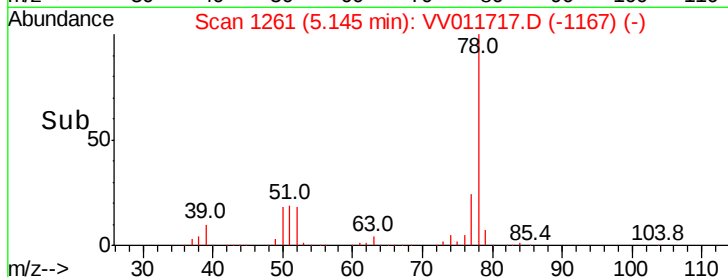
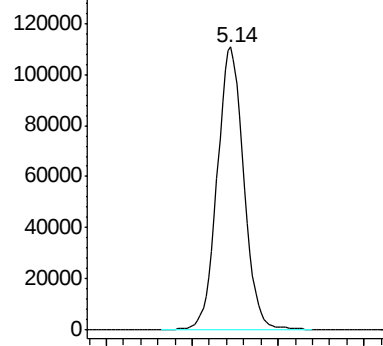
ClientSampleId :

YAP07MSD

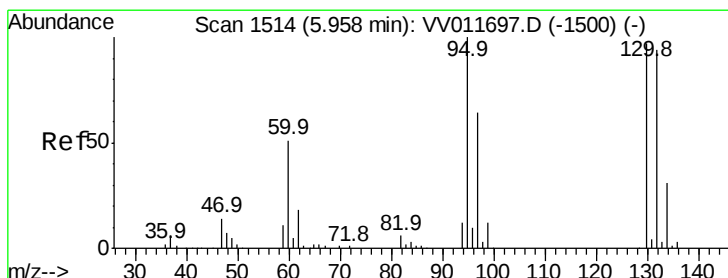
Tgt Ion: 78 Resp: 238526



Abundance Ion 78.10 (77.80 to 78.80): VV0



Time-->



#34

Trichloroethene

Concen: 4.395 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011717.D

Acq: 22 Jun 2019 05:55

Tgt Ion: 95 Resp: 55178

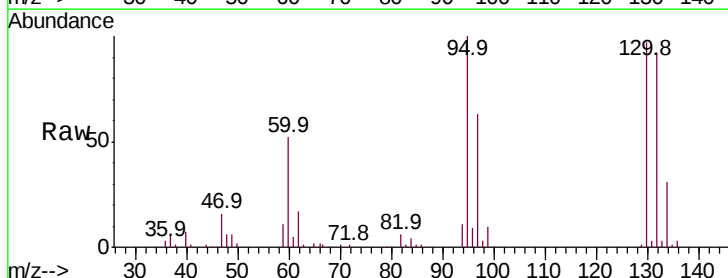
Ion Ratio Lower Upper

95 100

97 62.6 44.4 82.5

132 92.2 65.0 120.6

130 96.7 67.1 124.7

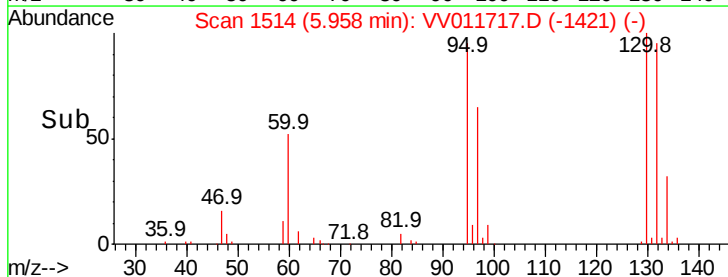
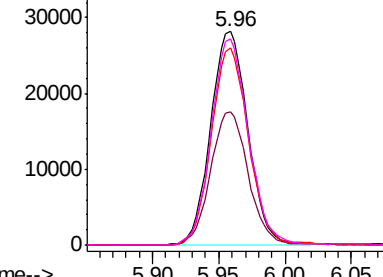


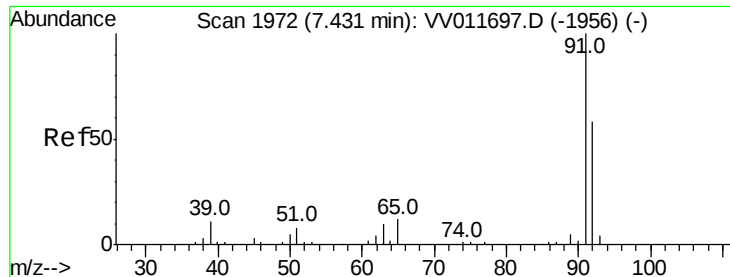
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.913 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011717.D

Acq: 22 Jun 2019 05:55

Instrument :

MSVOA_V

ClientSampleId :

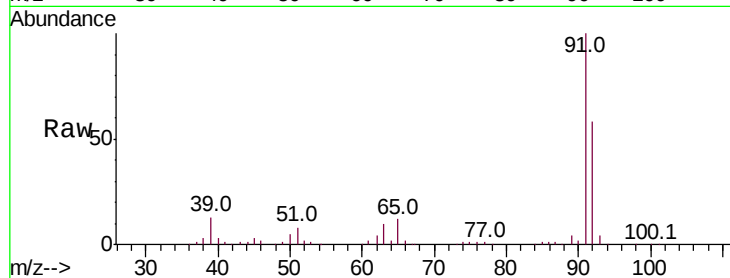
YAP07MSD

Tot Ion: 91 Resp: 243014

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV011697.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV011697.D (-1956) (-)

7.43

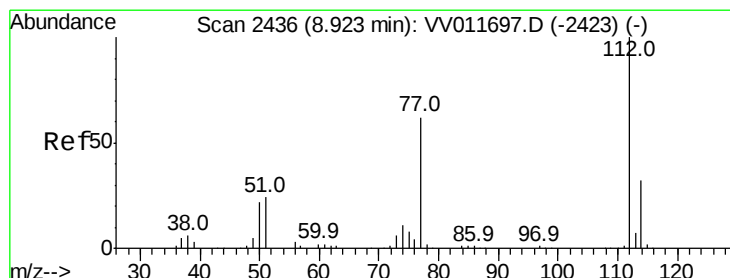
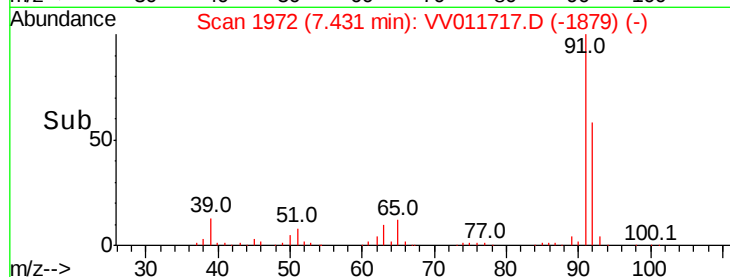
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.786 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV011717.D

Acq: 22 Jun 2019 05:55

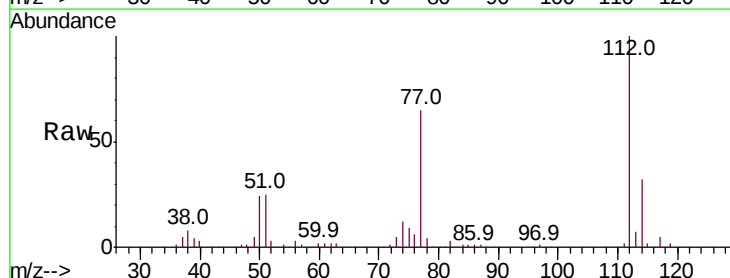
Tgt Ion: 112 Resp: 146797

Ion Ratio Lower Upper

112 100

114 32.2 23.0 42.8

77 64.8 50.0 75.0



Abundance Ion 112.10 (111.80 to 112.80): VV011697.D (-2423) (-)

Ion 114.05 (113.75 to 114.75): VV011697.D (-2423) (-)

Ion 77.10 (76.80 to 77.80): VV011697.D (-2423) (-)

8.92

120000

100000

80000

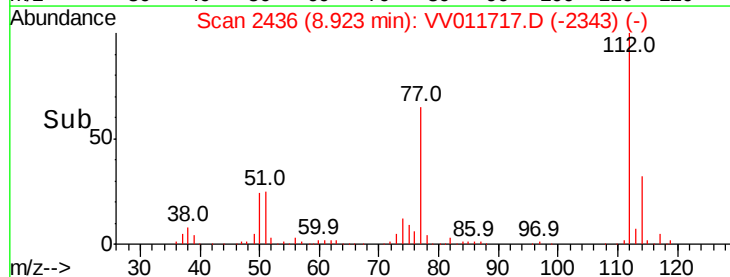
60000

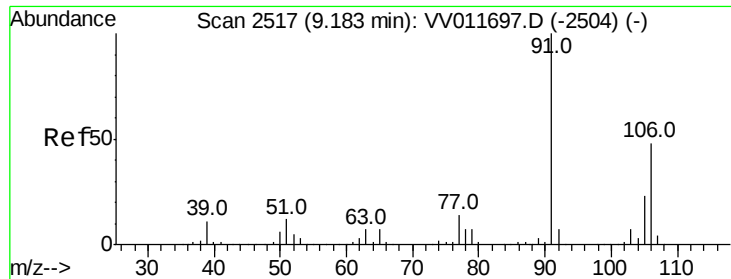
40000

20000

0

Time-->





#53

m,p-xylene

Concen: 0.142 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011717.D

Acq: 22 Jun 2019 05:55

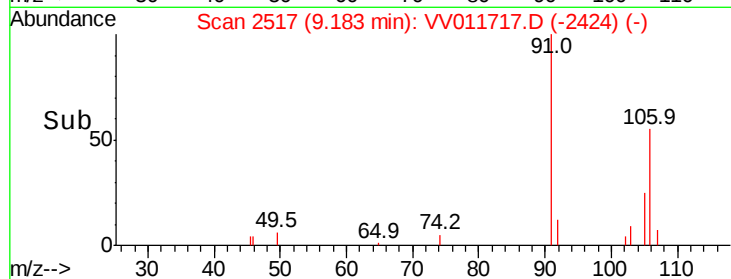
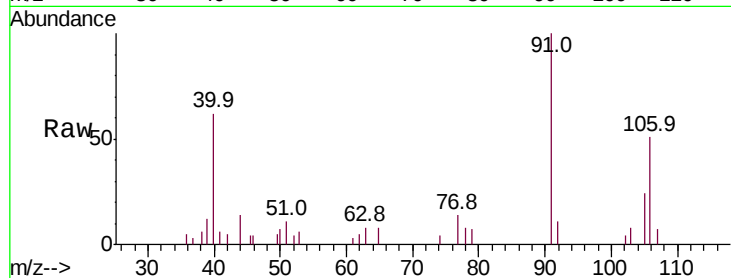
Instrument :
MSVOA_V
ClientSampleId :
YAP07MSD

Tot Ion:106 Resp: 2844

Ion Ratio Lower Upper

106 100

91 195.2 144.9 269.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

