

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
 Data File : VV011704.D
 Acq On : 22 Jun 2019 00:28
 Operator : SY/MD
 Sample : K3462-09
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP4

Quant Time: Jun 24 06:24:36 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	158094	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42856	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.57	69	33260	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	69123	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.95	46	148630	53.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	4.40	84	88075	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	57029	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	192476	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	62035	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	161944	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	17653	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	112137	54.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44609	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	59667	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

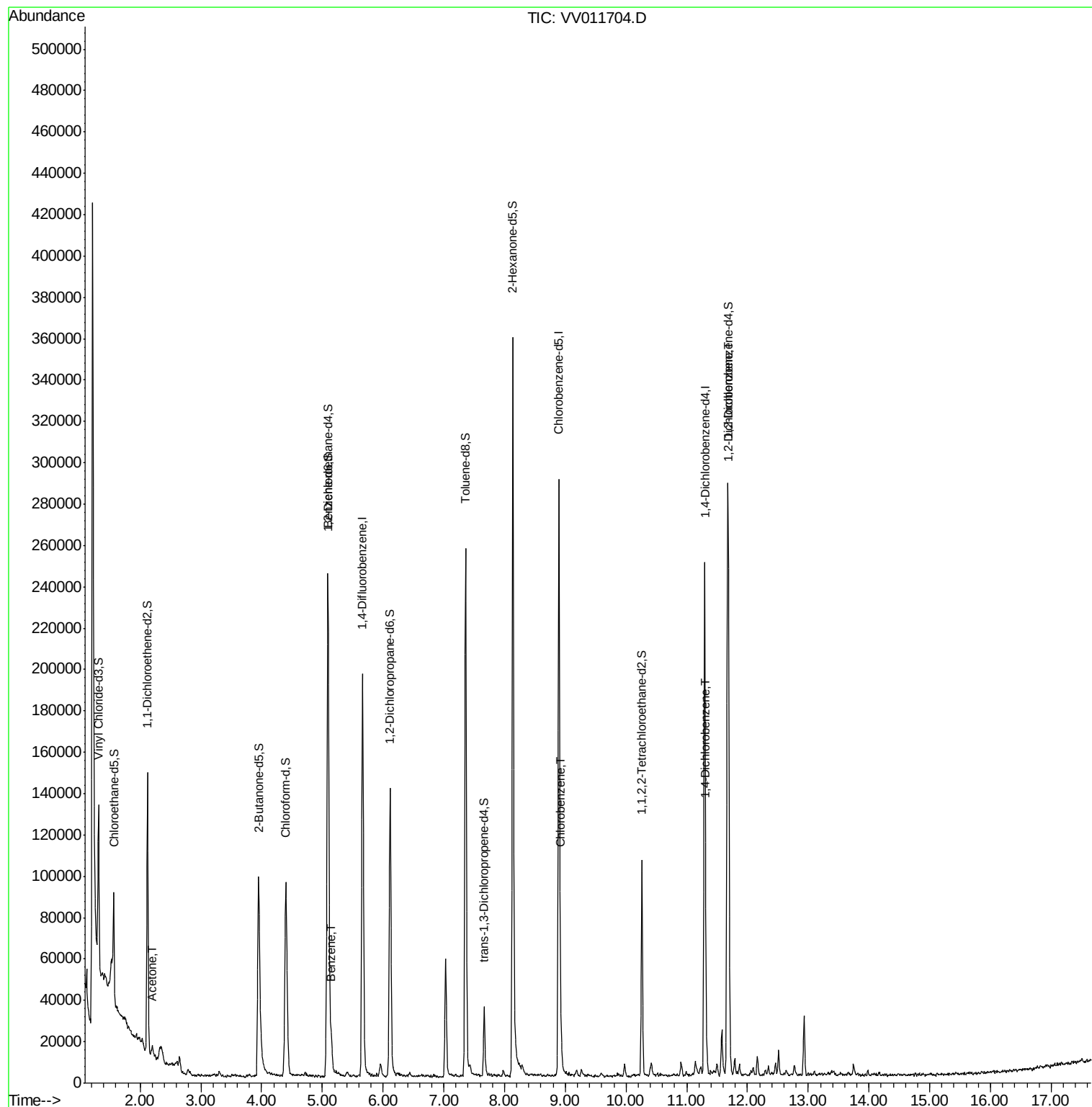
					Ovalue
13) Acetone	2.20	43	4537	2.272 ug/L	88
33) Benzene	5.15	78	15716	0.326 ug/L	100
51) Chlorobenzene	8.92	112	10703	0.343 ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	5238	0.250 ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	64976	3.365 ug/L	100

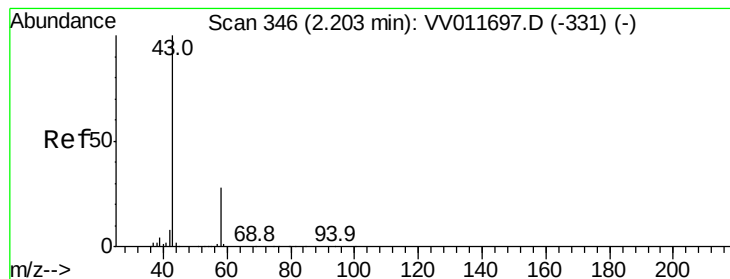
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.272 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

Instrument :

MSVOA_V

ClientSampled :

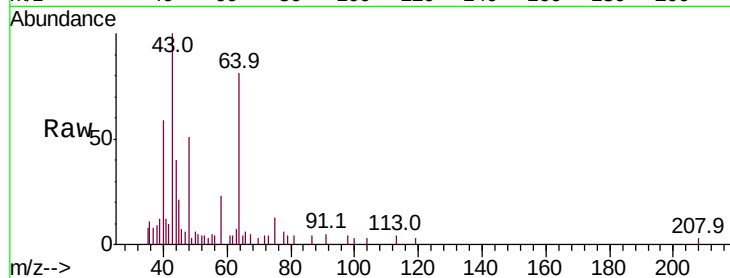
BFCP4

Tot Ion: 43 Resp: 4537

Ion Ratio Lower Upper

43 100

58 34.6 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV011697.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV011697.D (-331) (-)

2.20

3000

2000

1000

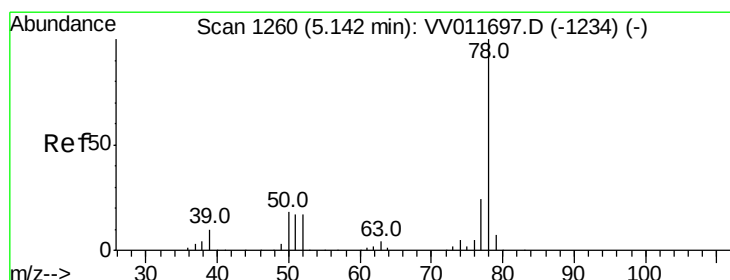
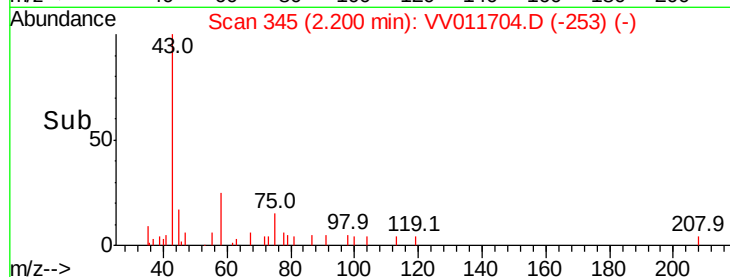
0

Time-->

2.15

2.20

2.25



#33

Benzene

Concen: 0.326 ug/L

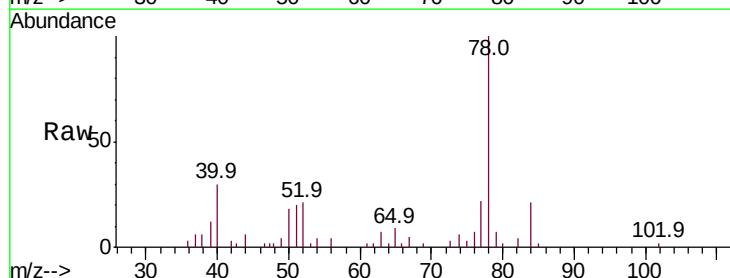
RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

Tgt Ion: 78 Resp: 15716



Abundance Ion 78.10 (77.80 to 78.80): VV011697.D (-1234) (-)

8000

6000

4000

2000

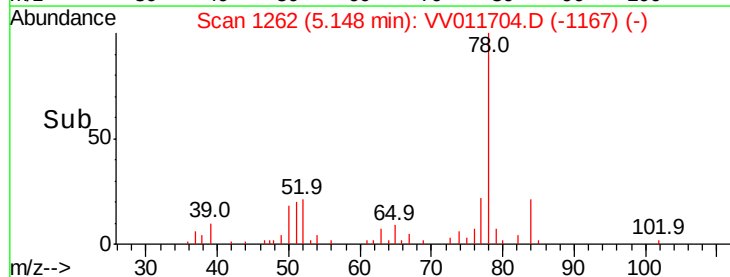
0

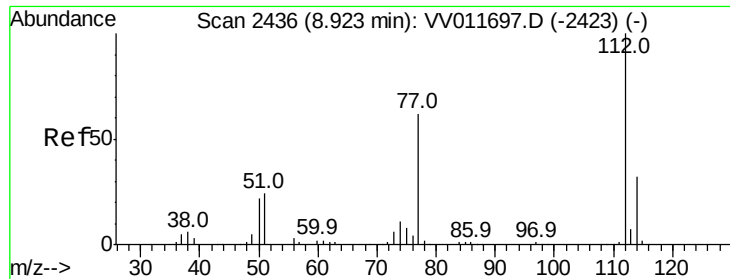
Time-->

5.10

5.15

5.20





#51

Chlorobenzene

Concen: 0.343 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

Instrument :

MSVOA_V

ClientSampleId :

BFCP4

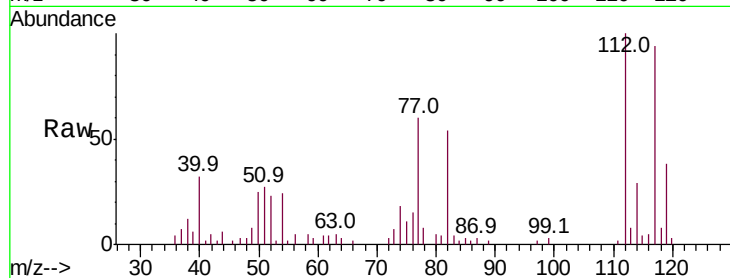
Tot Ion:112 Resp: 10703

Ion Ratio Lower Upper

112 100

114 29.3 23.0 42.8

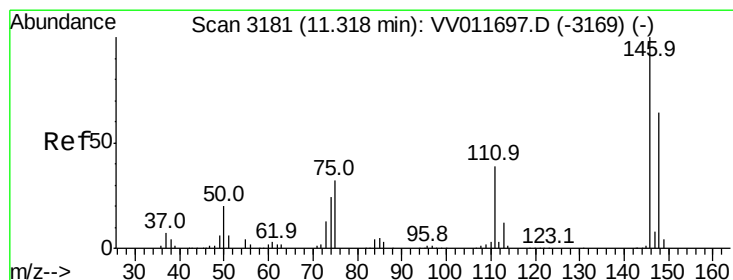
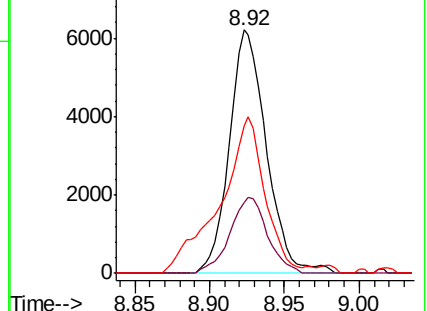
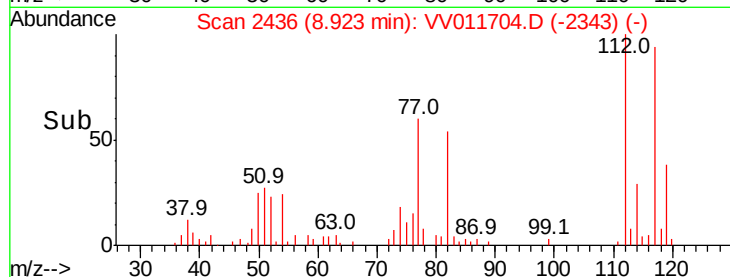
77 60.4 50.0 75.0



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



#63

1,4-Dichlorobenzene

Concen: 0.250 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

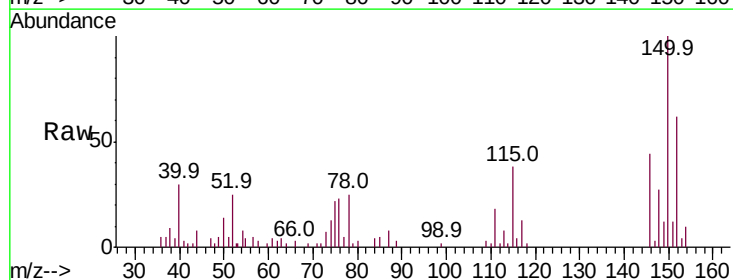
Tgt Ion:146 Resp: 5238

Ion Ratio Lower Upper

146 100

111 40.2 27.7 51.5

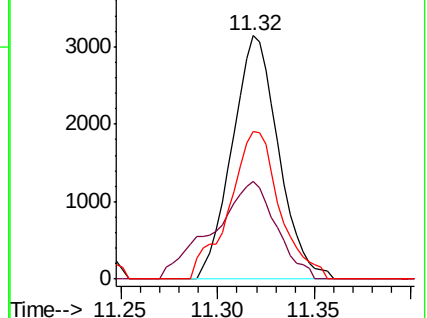
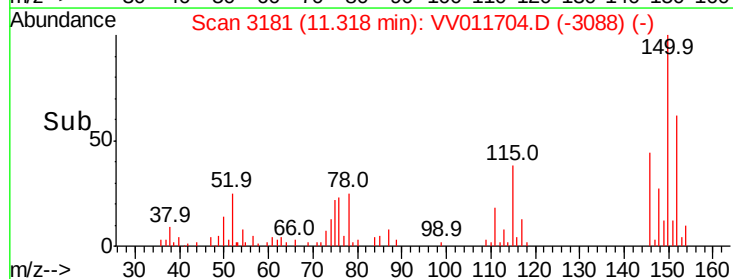
148 60.5 45.1 83.9

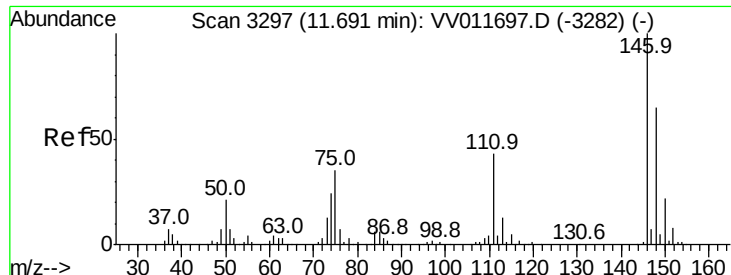


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65
 1,2-Dichlorobenzene
 Concen: 3.365 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV011704.D
 Acq: 22 Jun 2019 00:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP4

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	34.5	51.7
148	62.2	49.8	74.8

