

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072419\
 Data File : VV012007.D
 Acq On : 24 Jul 2019 13:32
 Operator : SY/MD
 Sample : K3890-07MS
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52J2MS

Quant Time: Jul 25 05:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 25 04:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136388	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130912	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32580	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.59	69	26670	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.14	63	67086	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.93	46	101367	48.92	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.84%
24) Chloroform-d	4.40	84	87885	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	49954	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.10	84	178518	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	51389	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	162022	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.66	79	20453	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.13	63	83587	49.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35934	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	66149	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

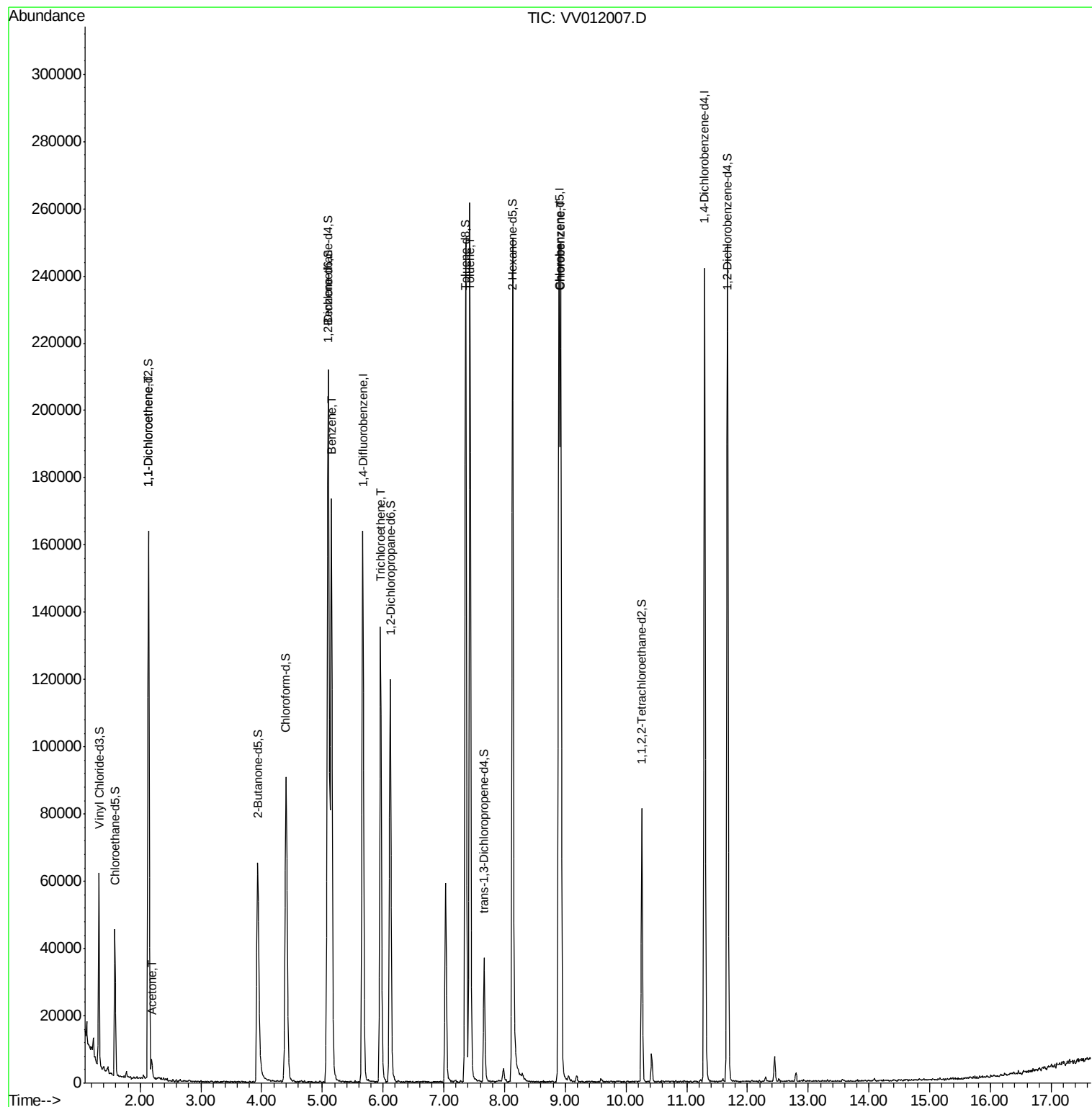
					Ovalue
12) 1,1-Dichloroethene	2.14	96	26012	4.190 ug/L	99
13) Acetone	2.19	43	3917	3.507 ug/L	98
33) Benzene	5.15	78	167097	4.339 ug/L	100
34) Trichloroethene	5.96	95	44811	4.190 ug/L	97
42) Toluene	7.43	91	183420	4.437 ug/L	100
51) Chlorobenzene	8.92	112	126766	4.684 ug/L	99

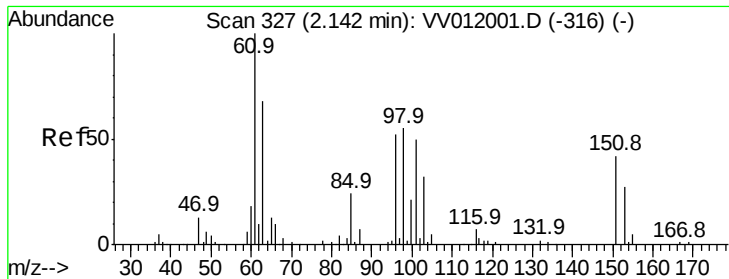
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.190 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV012007.D

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Instrument :

MSVOA_V

ClientSampleId :

A52J2MS

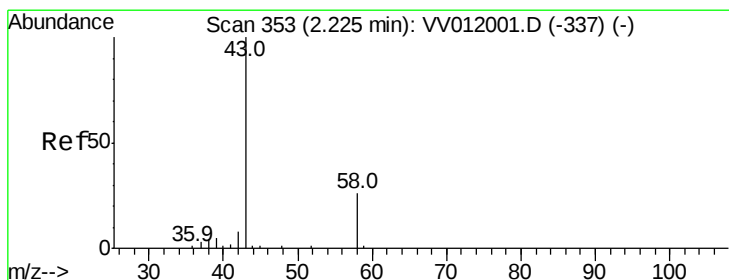
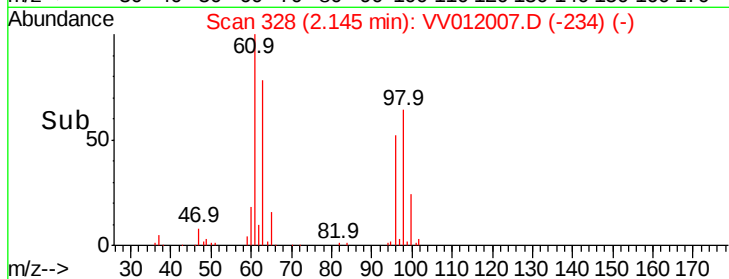
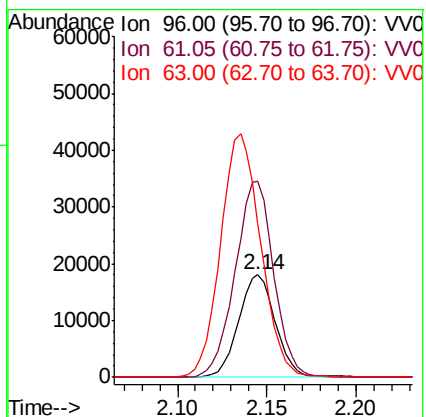
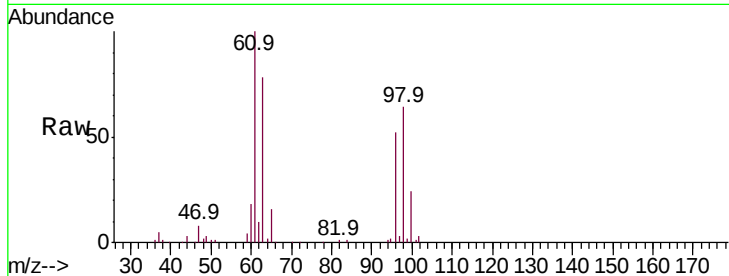
Tot Ion: 96 Resp: 26012

Ion Ratio Lower Upper

96 100

61 191.6 132.7 246.5

63 150.0 104.0 193.1



#13

Acetone

Concen: 3.507 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV012007.D

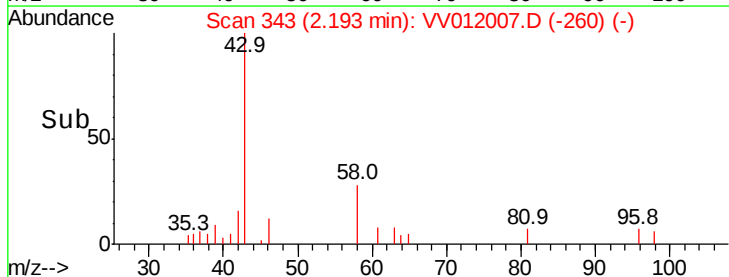
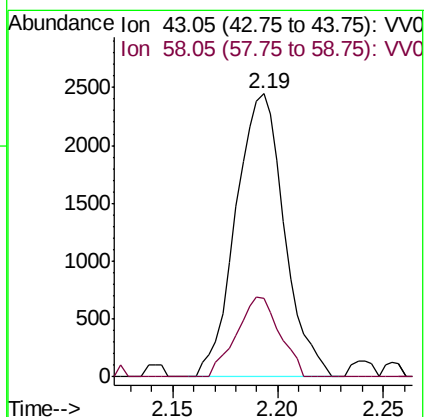
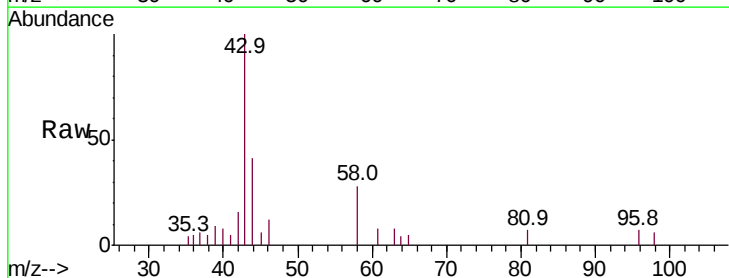
Acq: 24 Jul 2019 13:32

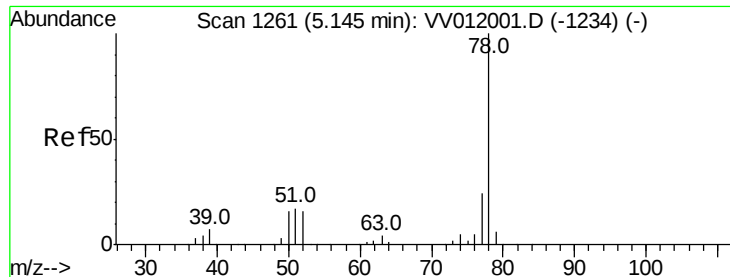
Tgt Ion: 43 Resp: 3917

Ion Ratio Lower Upper

43 100

58 25.0 0.0 51.8





#33

Benzene

Concen: 4.339 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV012007.D

Acq: 24 Jul 2019 13:32

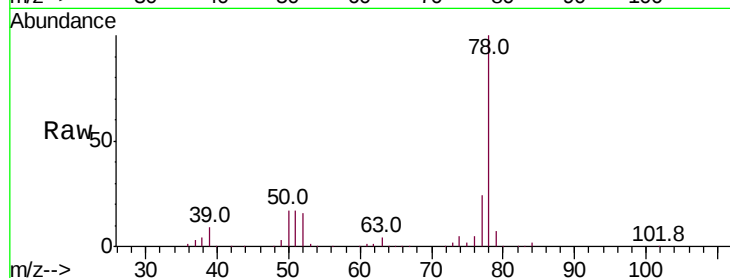
Instrument :

MSVOA_V

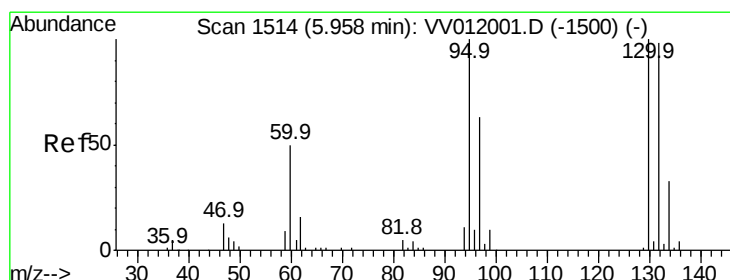
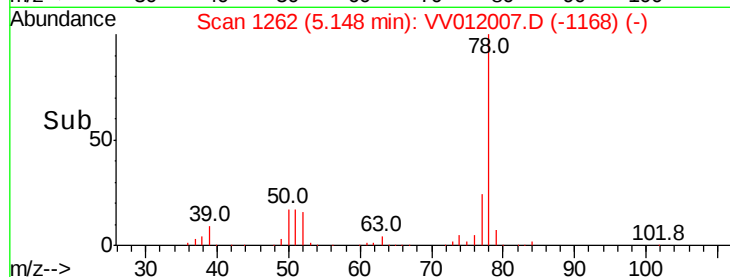
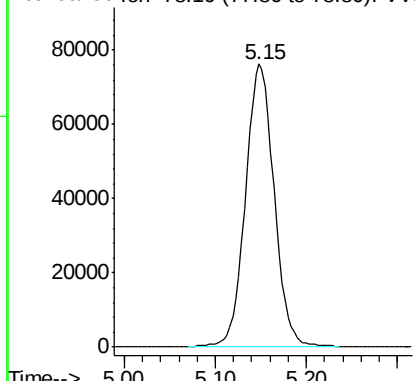
ClientSampleId :

A52J2MS

Tgt Ion: 78 Resp: 167097



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.190 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV012007.D

Acq: 24 Jul 2019 13:32

Tgt Ion: 95 Resp: 44811

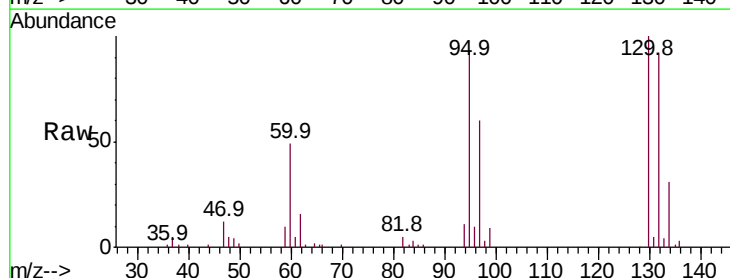
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.6	84.6
132	98.9	71.3	132.3
130	107.2	72.8	135.2

95 100

97 63.8 45.6 84.6

132 98.9 71.3 132.3

130 107.2 72.8 135.2

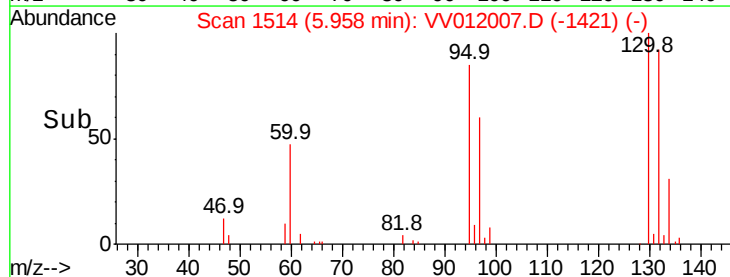
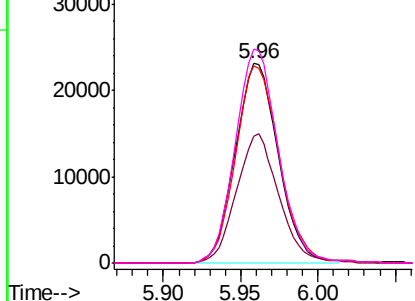


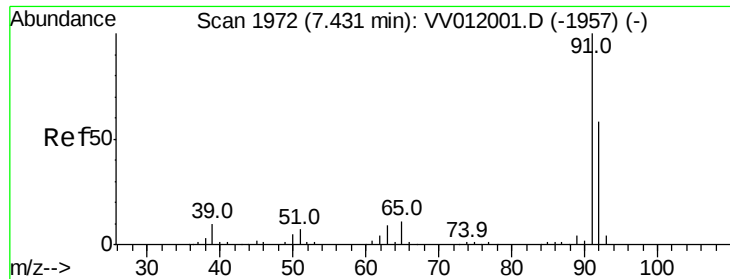
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.437 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV012007.D

Acq: 24 Jul 2019 13:32

Instrument :

MSVOA_V

ClientSampleId :

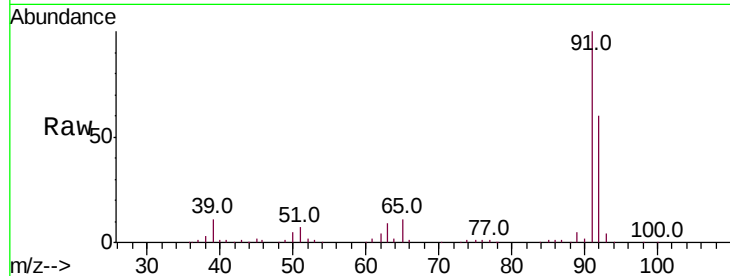
A52J2MS

Tot Ion: 91 Resp: 183420

Ion Ratio Lower Upper

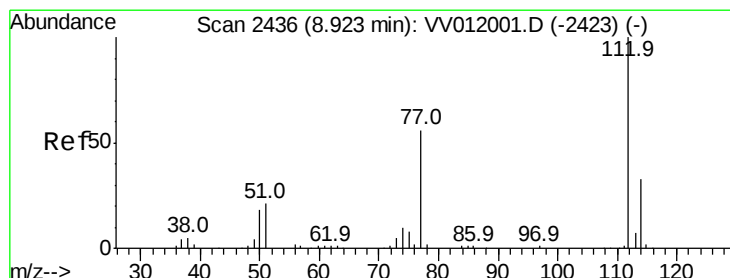
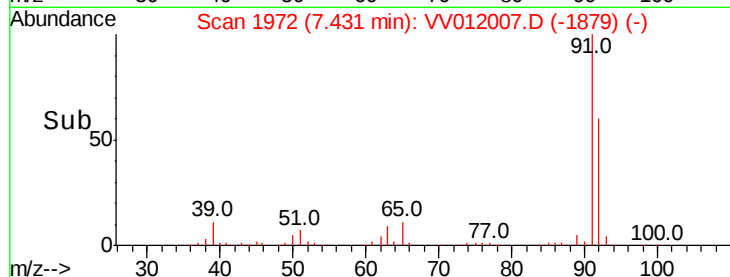
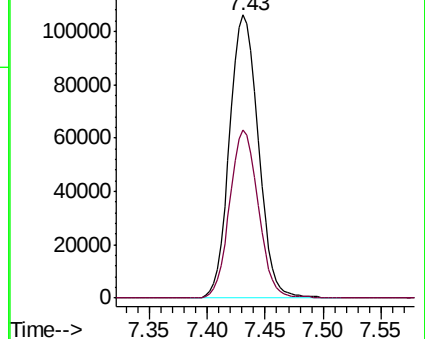
91 100

92 59.6 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV012007.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV012007.D (-1879) (-)



#51

Chlorobenzene

Concen: 4.684 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012007.D

Acq: 24 Jul 2019 13:32

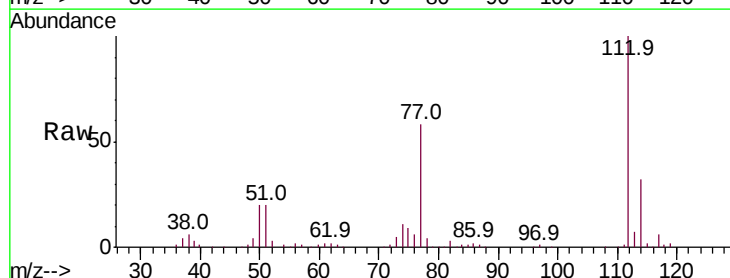
Tgt Ion: 112 Resp: 126766

Ion Ratio Lower Upper

112 100

114 31.8 23.0 42.8

77 57.6 46.4 69.6



Abundance Ion 112.10 (111.80 to 112.80): VV012007.D (-2343) (-)

Ion 114.05 (113.75 to 114.75): VV012007.D (-2343) (-)

Ion 77.10 (76.80 to 77.80): VV012007.D (-2343) (-)

