

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072419\
 Data File : VV012008.D
 Acq On : 24 Jul 2019 13:57
 Operator : SY/MD
 Sample : K3890-08MSD
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52J2MSD

Quant Time: Jul 25 05:13:50 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	5.67	114	137883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64936	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31254	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	27763	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.14	63	65977	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	3.93	46	104019	49.66	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.32%
24) Chloroform-d	4.40	84	85887	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	51477	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.10	84	178891	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	52234	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	160639	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	20143	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.13	63	86478	50.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35938	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	64706	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

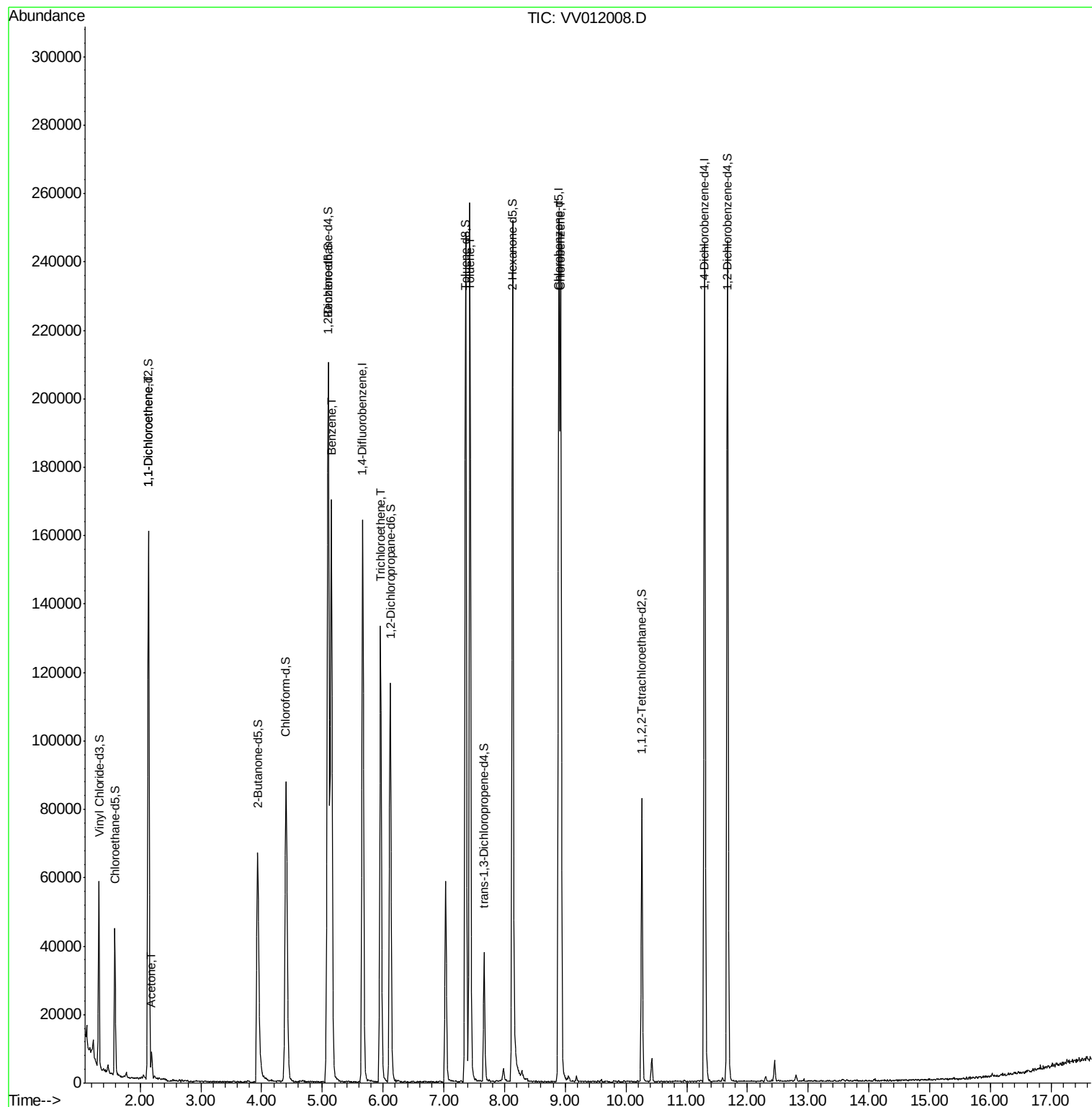
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.15	96	26311	4.193	ug/L	88
13) Acetone	2.19	43	6024	5.335	ug/L	97
33) Benzene	5.15	78	164335	4.235	ug/L	100
34) Trichloroethene	5.96	95	44225	4.104	ug/L	98
42) Toluene	7.43	91	180946	4.344	ug/L	98
51) Chlorobenzene	8.92	112	124058	4.549	ug/L	98

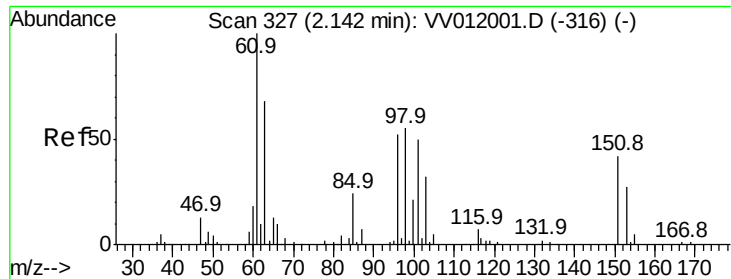
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.193 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV012008.D

Acq: 24 Jul 2019 13:57

Instrument :

MSVOA_V

ClientSampleId :

A52J2MSD

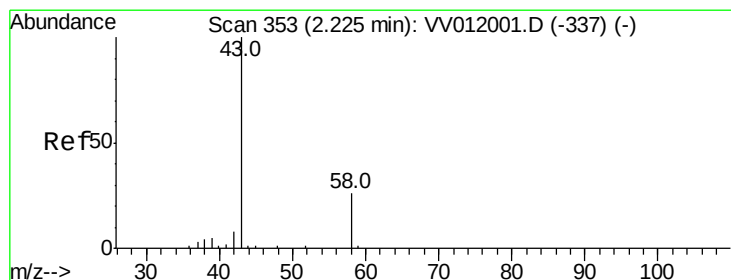
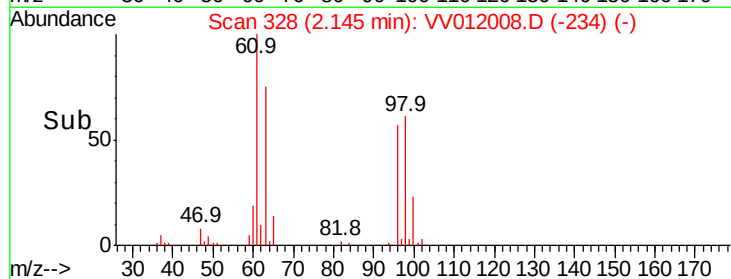
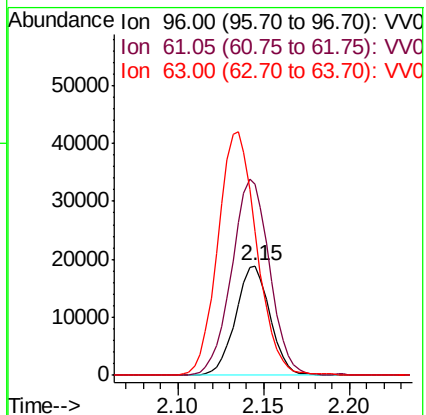
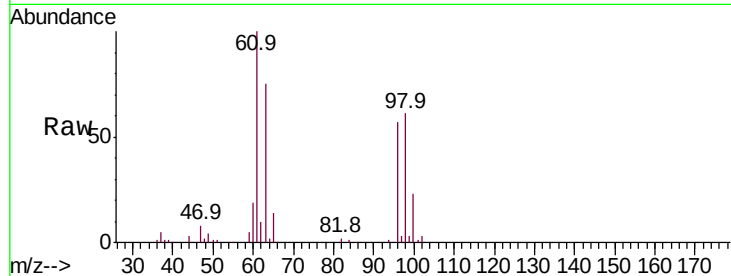
Tot Ion: 96 Resp: 26311

Ion Ratio Lower Upper

96 100

61 174.8 132.7 246.5

63 131.1 104.0 193.1



#13

Acetone

Concen: 5.335 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV012008.D

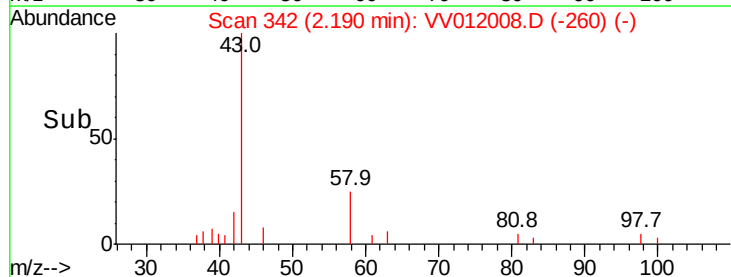
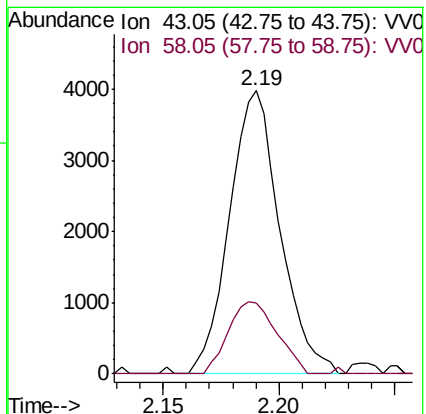
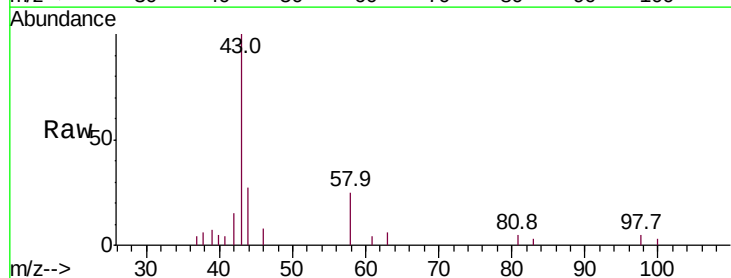
Acq: 24 Jul 2019 13:57

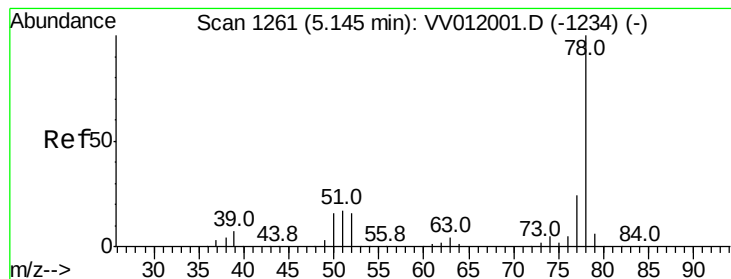
Tgt Ion: 43 Resp: 6024

Ion Ratio Lower Upper

43 100

58 24.5 0.0 51.8





#33

Benzene

Concen: 4.235 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV012008.D

Acq: 24 Jul 2019 13:57

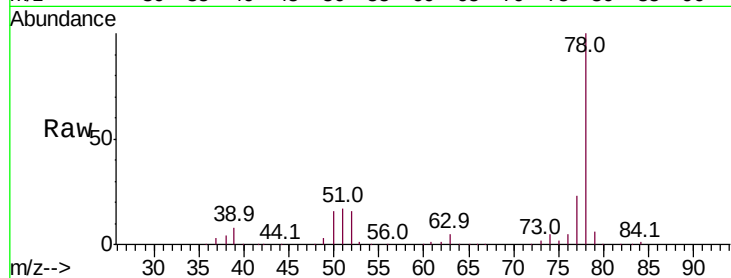
Instrument :

MSVOA_V

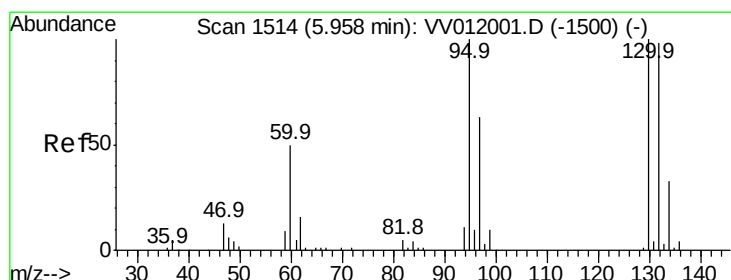
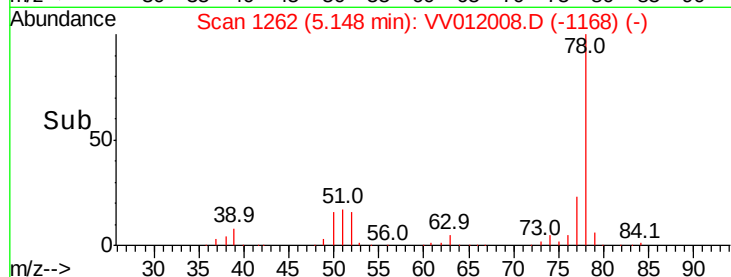
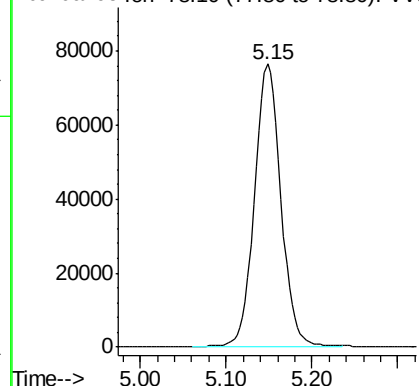
ClientSampleId :

A52J2MSD

Tgt Ion: 78 Resp: 164335



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.104 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012008.D

Acq: 24 Jul 2019 13:57

Tgt Ion: 95 Resp: 44225

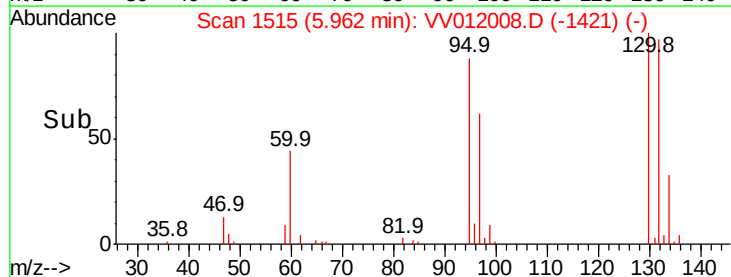
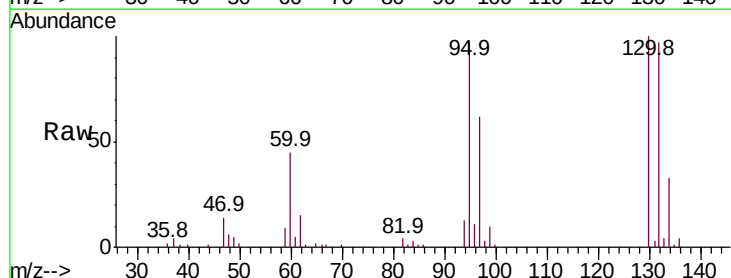
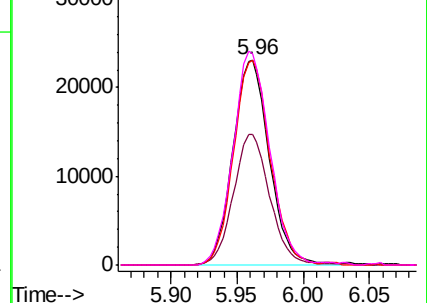
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.6	84.6
132	99.4	71.3	132.3
130	102.7	72.8	135.2

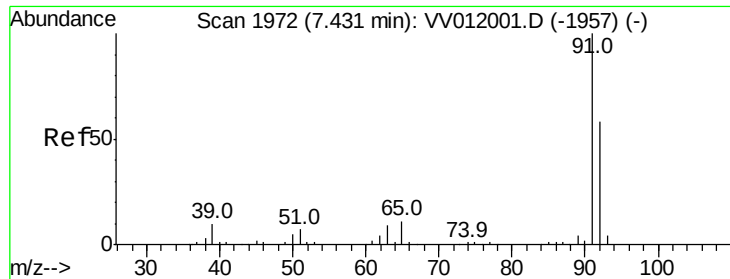
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 4.344 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012008.D

Acq: 24 Jul 2019 13:57

Instrument :

MSVOA_V

ClientSampleId :

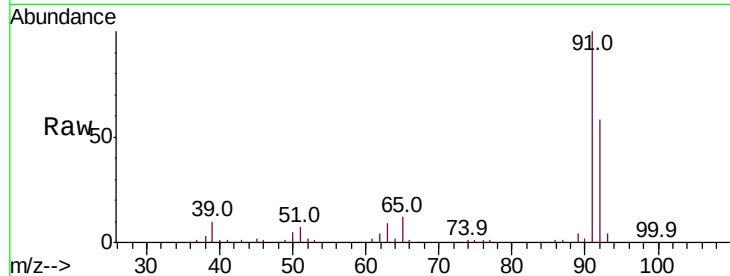
A52J2MSD

Tot Ion: 91 Resp: 180946

Ion Ratio Lower Upper

91 100

92 58.2 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV012001.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012001.D (-1957) (-)

7.43

120000

100000

80000

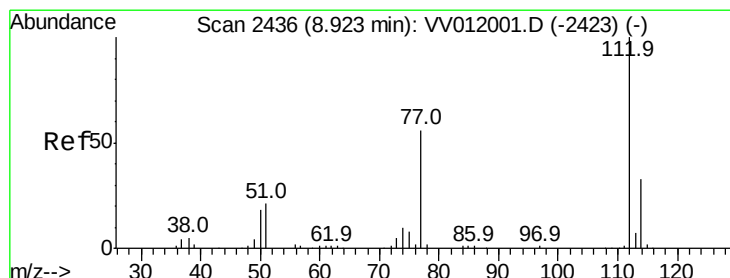
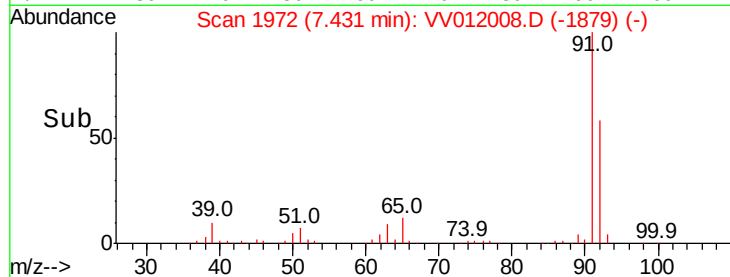
60000

40000

20000

0

Time-->



#51

Chlorobenzene

Concen: 4.549 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV012008.D

Acq: 24 Jul 2019 13:57

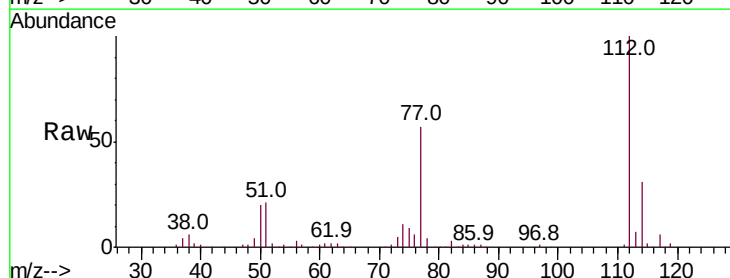
Tgt Ion: 112 Resp: 124058

Ion Ratio Lower Upper

112 100

114 31.5 23.0 42.8

77 57.1 46.4 69.6



Abundance Ion 112.10 (111.80 to 112.80): VV012001.D (-2423) (-)

Ion 114.05 (113.75 to 114.75): VV012001.D (-2423) (-)

Ion 77.10 (76.80 to 77.80): VV012001.D (-2423) (-)

8.92

100000

80000

60000

40000

20000

0

Time-->

