

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010633.D
 Acq On : 02 May 2019 17:28
 Operator : SY/MD
 Sample : K2603-02MS
 Misc : 5.01G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ55

Quant Time: May 03 02:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 02:22:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	203228	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19087	7.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	29.68%#
7) Chloroethane-d5	1.57	69	23398	12.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.96%
10) 1,1-Dichloroethene-d2	2.13	63	51921	11.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.04%
20) 2-Butanone-d5	3.93	46	40742	52.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.08%
24) Chloroform-d	4.40	84	108286	20.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	5.08	65	70921	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.32%
29) Benzene-d6	5.10	84	192077	18.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.24%
33) 1,2-Dichloropropane-d6	6.12	67	73883	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.96%
37) Toluene-d8	7.36	98	159280	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.20%
38) trans-1,3-Dichloropropene-	7.66	79	24561	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.96%
39) 2-Hexanone-d5	8.13	63	28588	49.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73365	25.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	64429	21.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.88%

Target Compounds

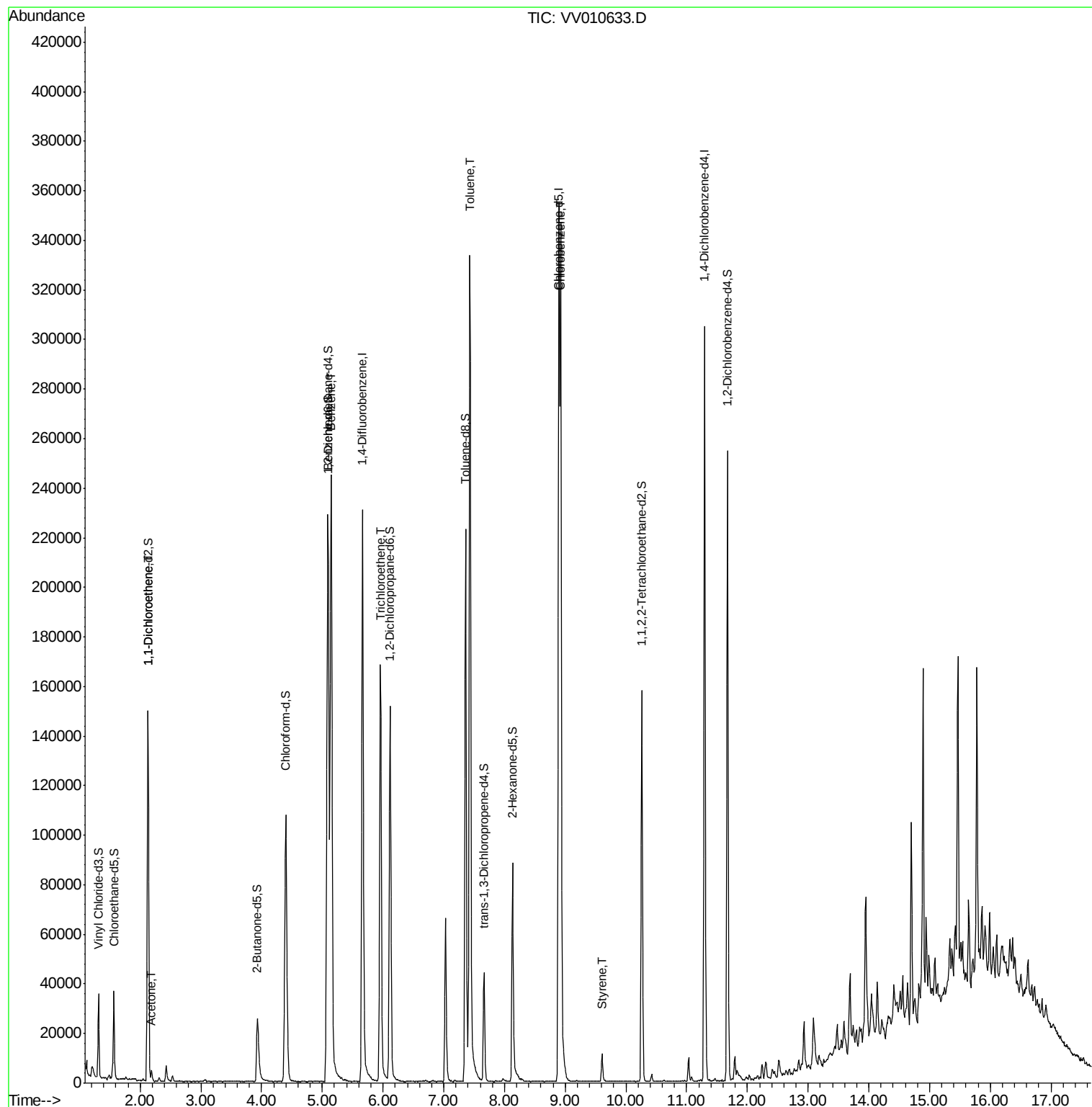
					Ovalue
12) 1,1-Dichloroethene	2.14	96	32909	16.855 ug/L #	81
13) Acetone	2.19	43	3060	4.560 ug/L	91
34) Benzene	5.14	78	247900	25.614 ug/L	100
35) Trichloroethene	5.96	95	57755	20.921 ug/L	98
44) Toluene	7.43	91	255170	23.889 ug/L	98
52) Chlorobenzene	8.93	112	179186	24.036 ug/L	99
56) Styrene	9.61	104	5785	0.762 ug/L	99

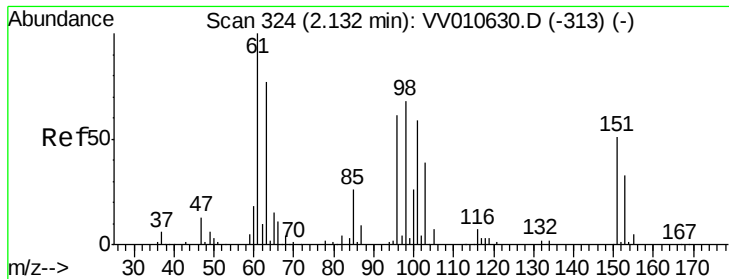
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 16.855 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV010633.D

Acq: 02 May 2019 17:28

Instrument :

MSVOA_V

ClientSampleId :

GAJ55

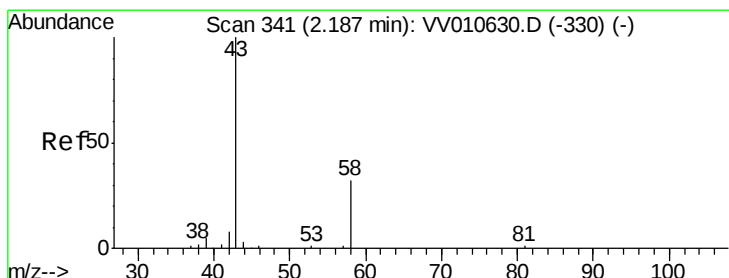
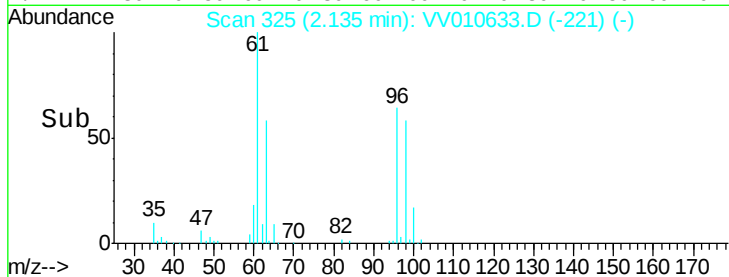
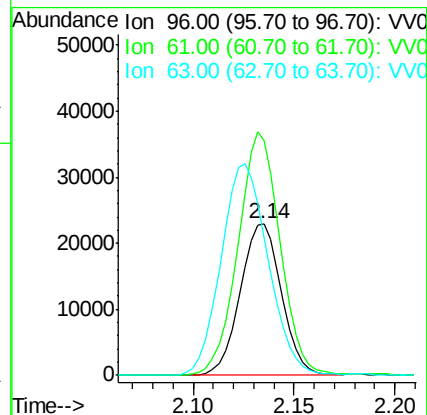
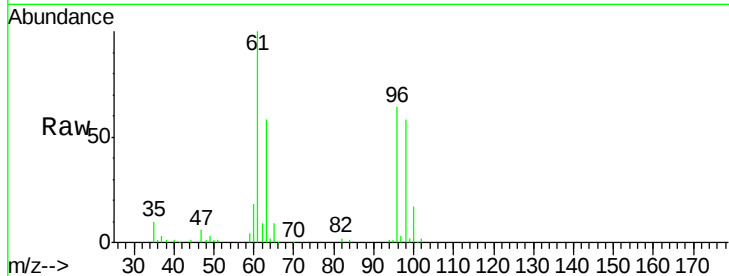
Tot Ion: 96 Resp: 32909

Ion Ratio Lower Upper

96 100

61 155.1 111.1 206.3

63 90.5 95.2 176.8#



#13

Acetone

Concen: 4.560 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010633.D

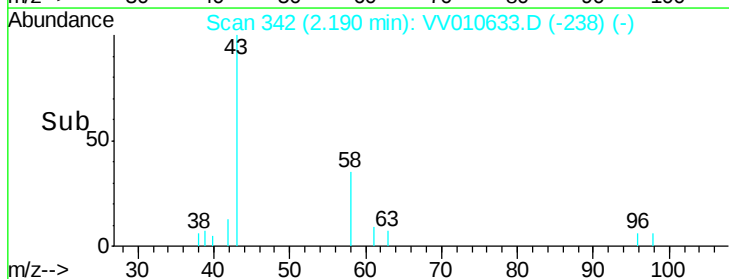
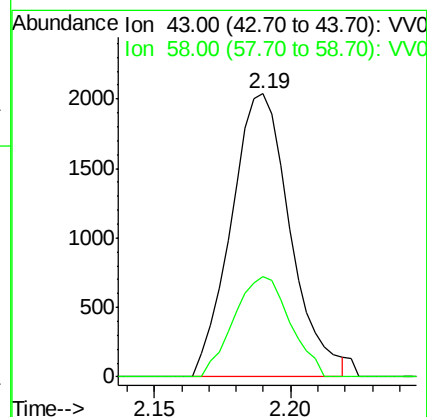
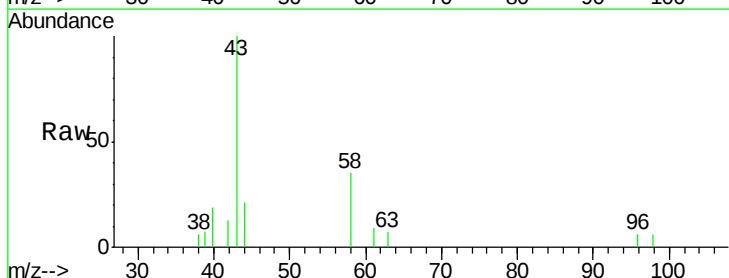
Acq: 02 May 2019 17:28

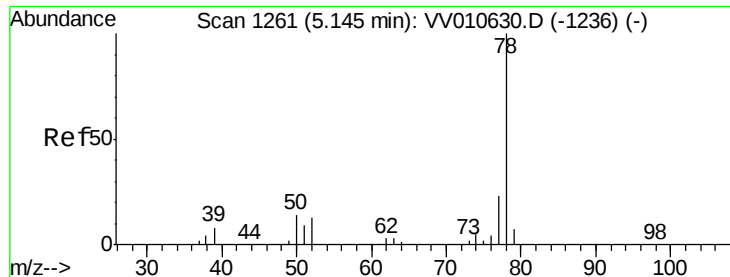
Tgt Ion: 43 Resp: 3060

Ion Ratio Lower Upper

43 100

58 33.7 0.0 58.2





#34

Benzene

Concen: 25.614 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV010633.D

Acq: 02 May 2019 17:28

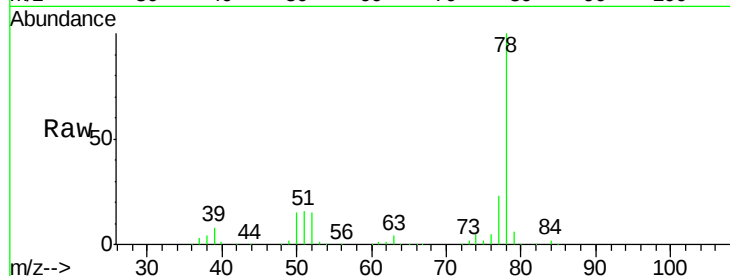
Instrument :

MSVOA_V

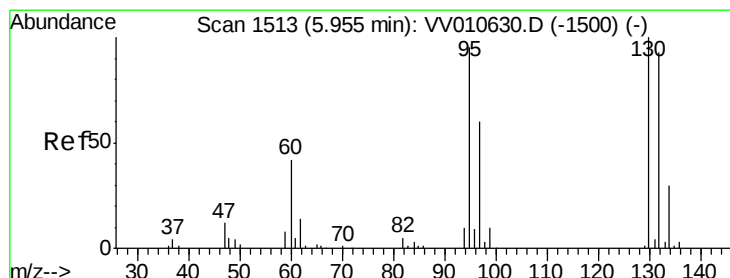
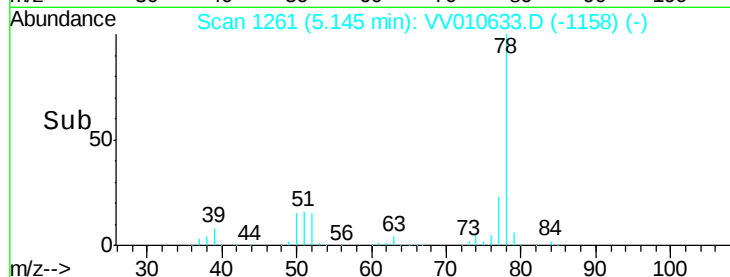
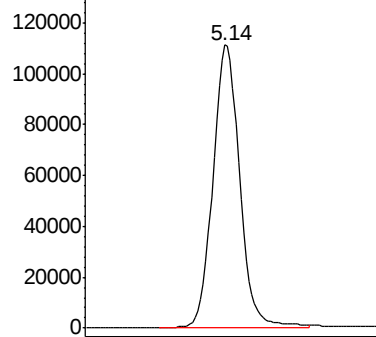
ClientSampleId :

GAJ55

Tgt Ion: 78 Resp: 247900



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 20.921 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010633.D

Acq: 02 May 2019 17:28

Tgt Ion: 95 Resp: 57755

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.0	83.6
132	97.7	69.9	129.9
130	99.4	71.3	132.3

95 100

97 64.1 45.0 83.6

132 97.7 69.9 129.9

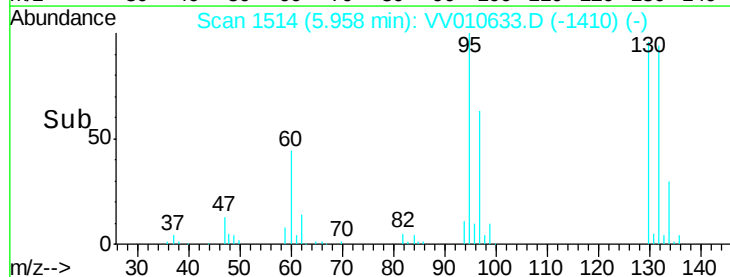
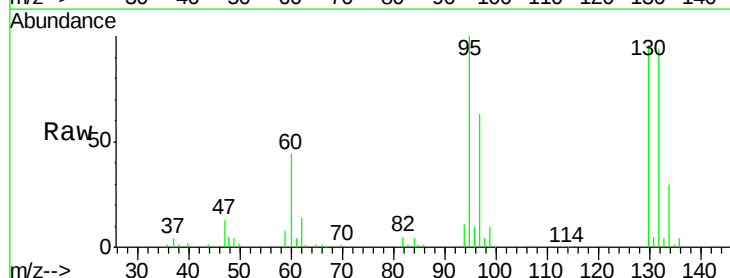
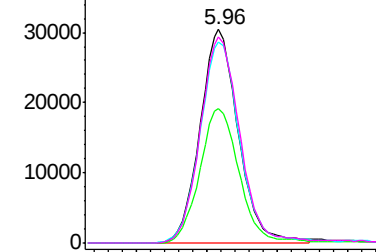
130 99.4 71.3 132.3

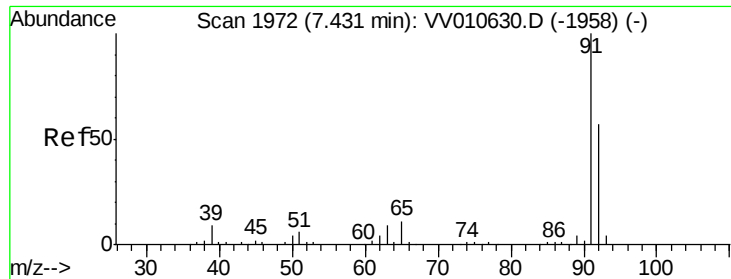
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#44

Toluene

Concen: 23.889 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010633.D

Acq: 02 May 2019 17:28

Instrument :

MSVOA_V

ClientSampleId :

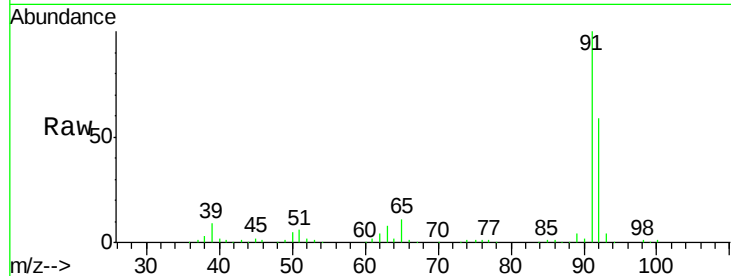
GAJ55

Tot Ion: 91 Resp: 255170

Ion Ratio Lower Upper

91 100

92 58.9 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV010633.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV010633.D (-1958) (-)

7.43

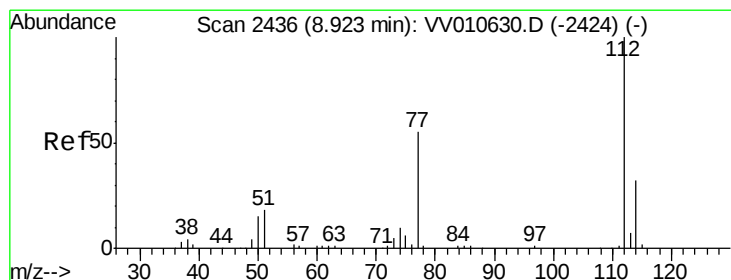
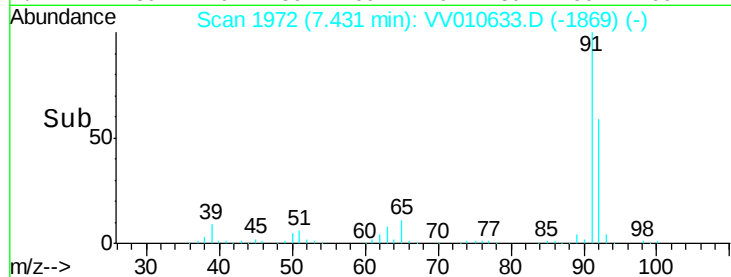
150000

100000

50000

0

Time-->



#52

Chlorobenzene

Concen: 24.036 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010633.D

Acq: 02 May 2019 17:28

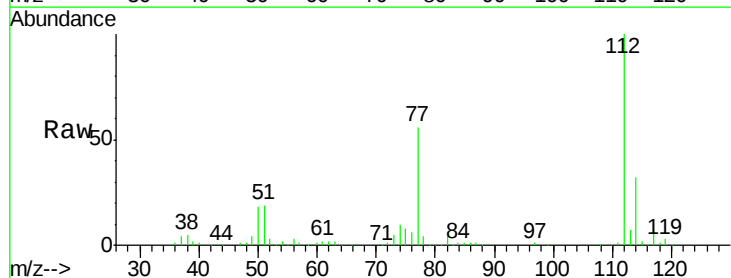
Tgt Ion: 112 Resp: 179186

Ion Ratio Lower Upper

112 100

77 56.0 44.5 66.7

114 32.5 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): VV010633.D (-2424) (-)

Ion 77.00 (76.70 to 77.70): VV010633.D (-2424) (-)

Ion 114.00 (113.70 to 114.70): VV010633.D (-2424) (-)

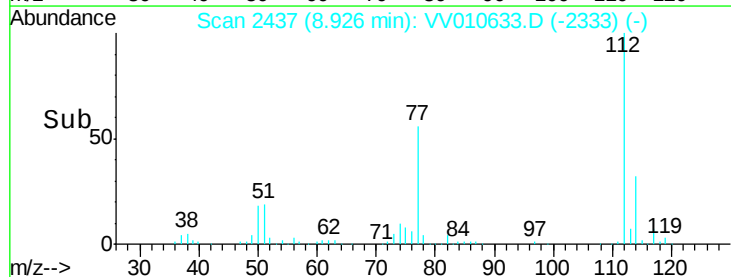
8.93

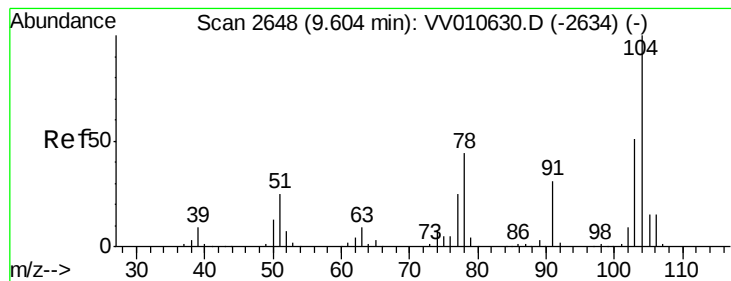
100000

50000

0

Time-->





#56

Stvrene

Concen: 0.762 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV010633.D

Acq: 02 May 2019 17:28

Instrument :

MSVOA_V

ClientSampleId :

GAJ55

Tot Ion:104 Resp: 5785

Ion Ratio Lower Upper

104 100

78 44.0 30.4 56.5

