

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010634.D
 Acq On : 02 May 2019 17:56
 Operator : SY/MD
 Sample : K2603-03MSD
 Misc : 5.08G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ55

Quant Time: May 03 02:41:07 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	5.67	114	56609	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	68040	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31302	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3657	5.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	20.40%#
7) Chloroethane-d5	1.58	69	5572	11.11	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.44%
10) 1,1-Dichloroethene-d2	2.13	63	9156	7.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	29.12%#
20) 2-Butanone-d5	3.94	46	13120	60.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.34%
24) Chloroform-d	4.40	84	32214	22.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.12%
26) 1,2-Dichloroethane-d4	5.08	65	21249	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	5.10	84	51891	14.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	58.88%
33) 1,2-Dichloropropane-d6	6.12	67	21916	20.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.16%
37) Toluene-d8	7.36	98	46360	13.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	54.72%
38) trans-1,3-Dichloropropene-	7.67	79	7278	16.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.20%
39) 2-Hexanone-d5	8.14	63	8377	43.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	26403	27.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	24867	20.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.60%

Target Compounds

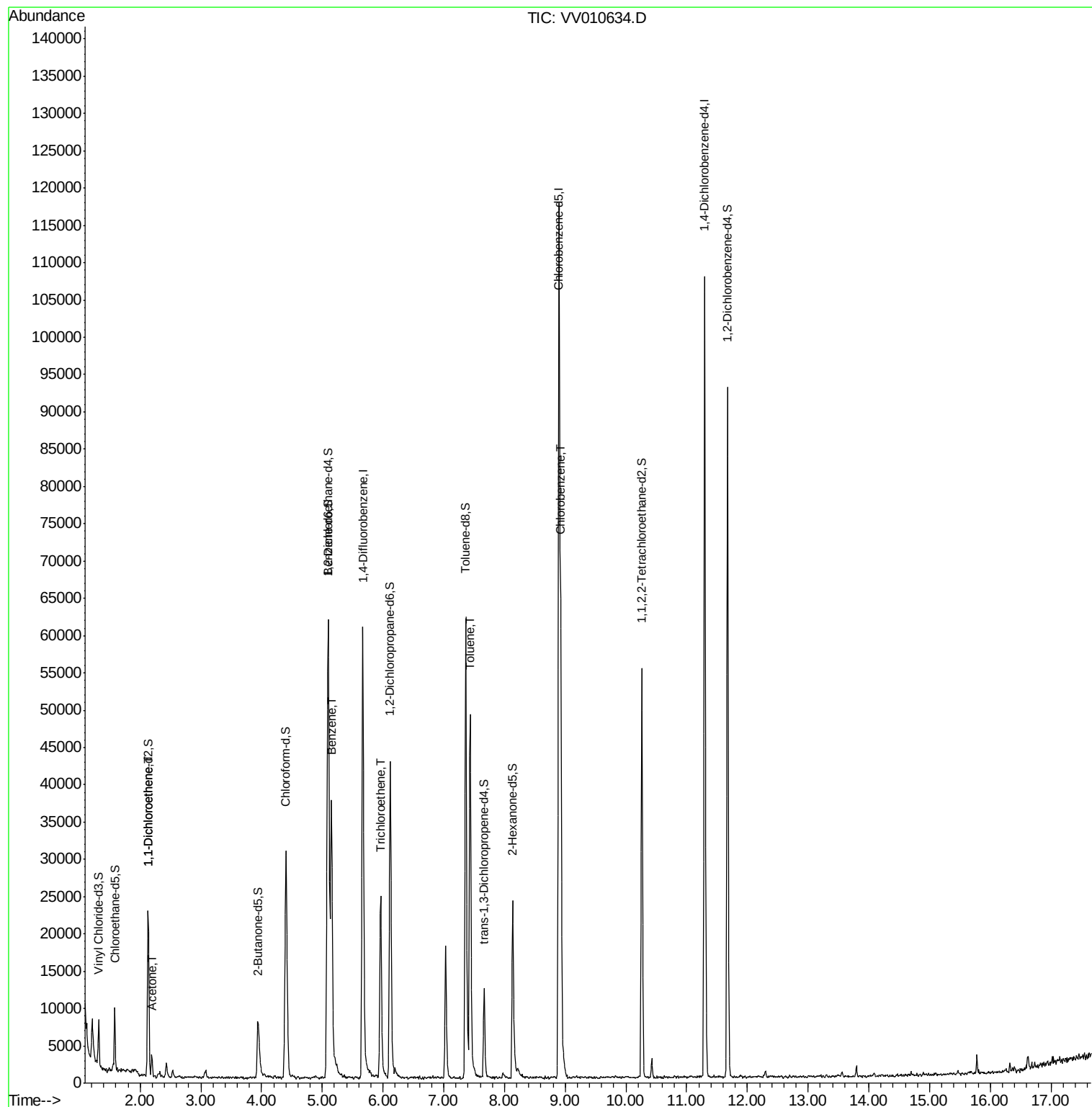
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	3589	6.599	ug/L	76
13) Acetone	2.19	43	3135	16.770	ug/L	98
34) Benzene	5.15	78	36486	11.218	ug/L	100
35) Trichloroethene	5.96	95	8511	9.174	ug/L	97
44) Toluene	7.43	91	39216	10.925	ug/L	99
52) Chlorobenzene	8.93	112	31866	12.719	ug/L	96

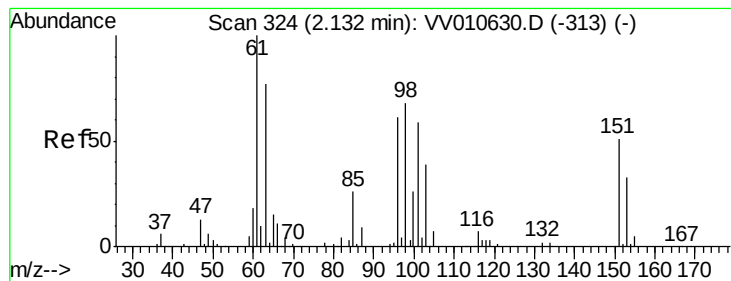
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 6.599 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VV010634.D

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Instrument :

MSVOA_V

ClientSampleId :

GAJ55

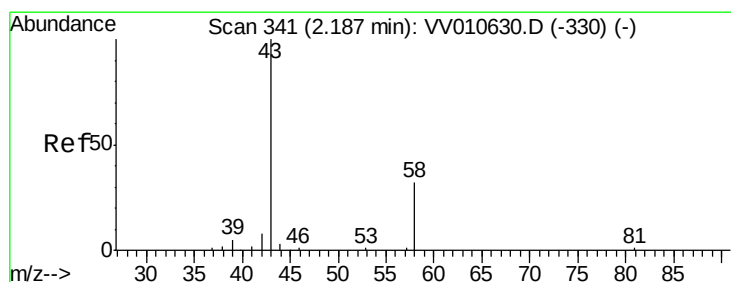
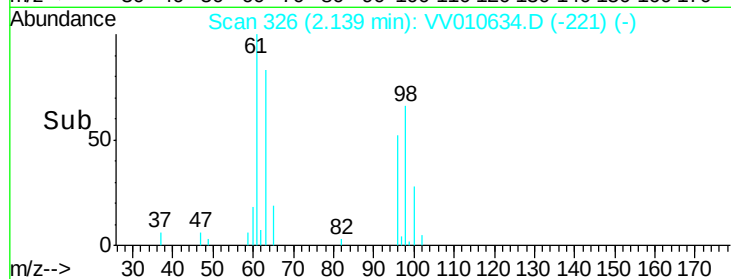
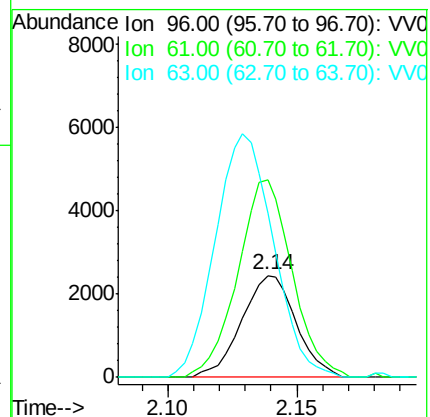
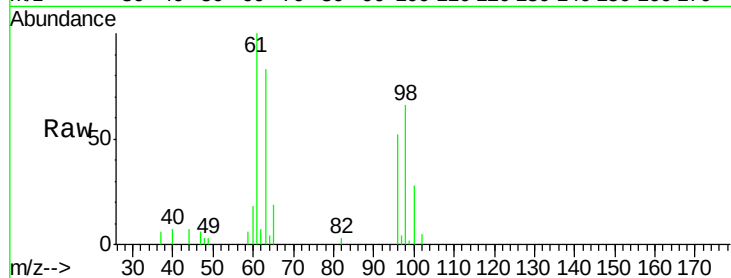
Tot Ion: 96 Resp: 3589

Ion Ratio Lower Upper

96 100

61 193.7 111.1 206.3

63 160.7 95.2 176.8



#13

Acetone

Concen: 16.770 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010634.D

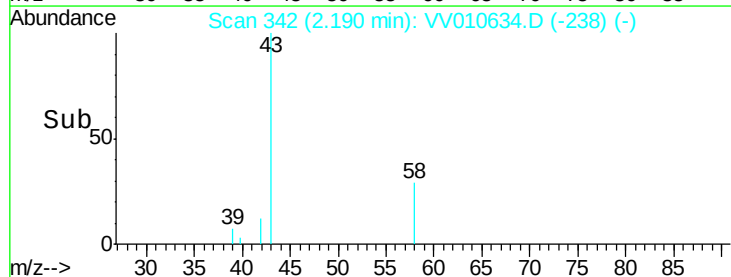
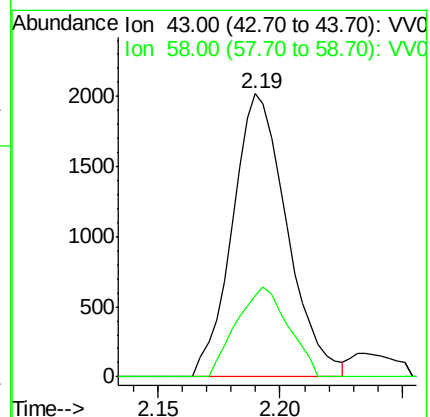
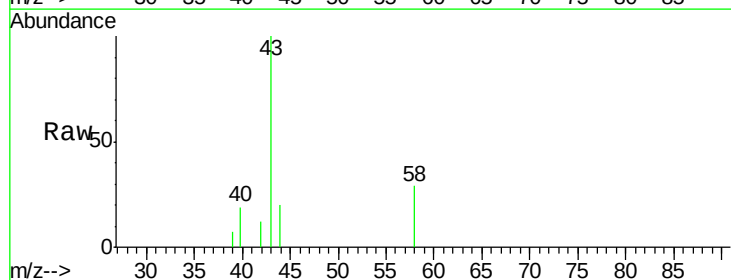
Acq: 02 May 2019 17:56

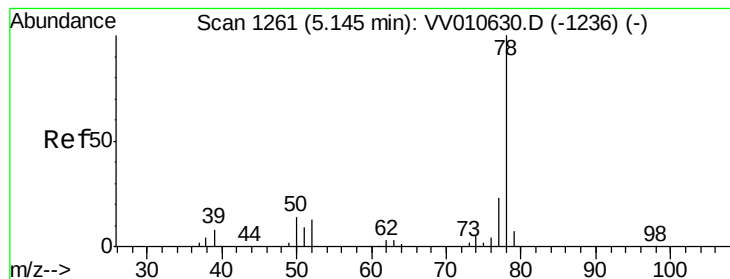
Tgt Ion: 43 Resp: 3135

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.2





#34

Benzene

Concen: 11.218 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VV010634.D

Acq: 02 May 2019 17:56

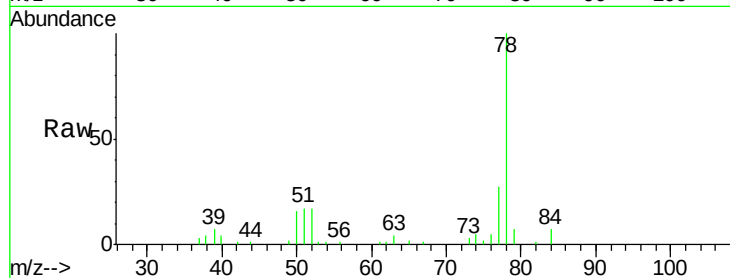
Instrument :

MSVOA_V

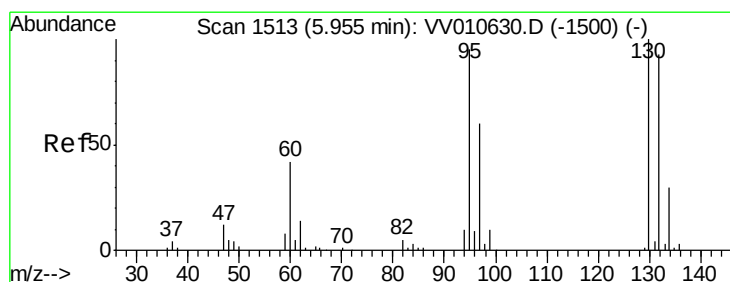
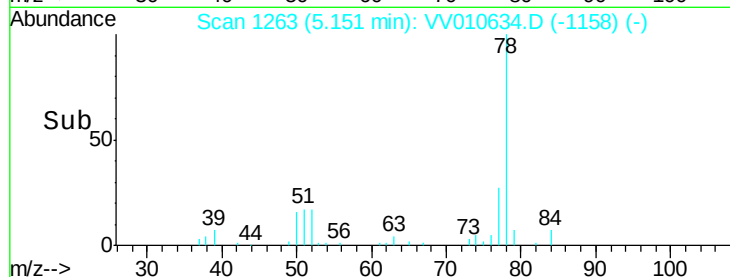
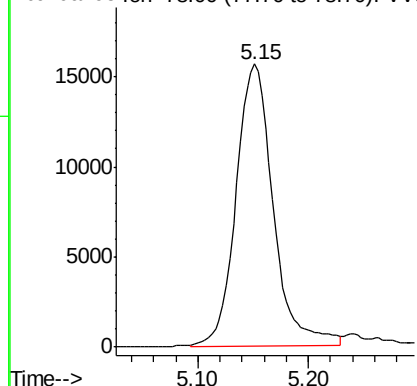
ClientSampled :

GAJ55

Tgt Ion: 78 Resp: 36486



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 9.174 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010634.D

Acq: 02 May 2019 17:56

Tgt Ion: 95 Resp: 8511

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.0	83.6
132	97.9	69.9	129.9
130	105.6	71.3	132.3

95 100

97 65.8 45.0 83.6

132 97.9 69.9 129.9

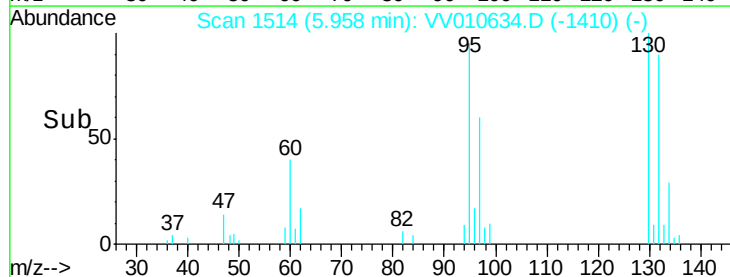
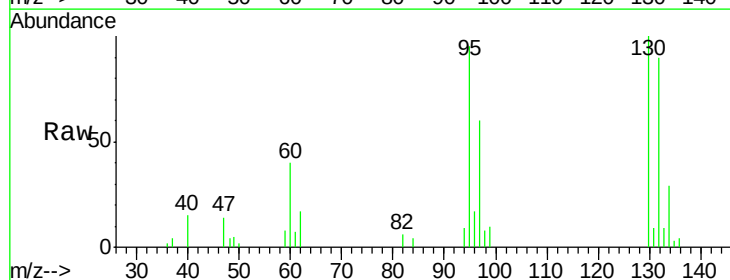
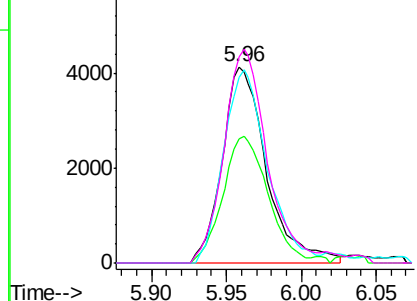
130 105.6 71.3 132.3

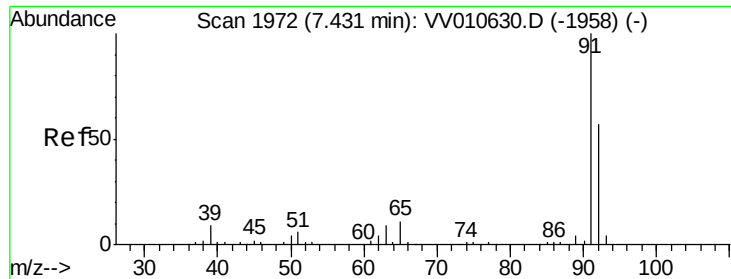
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 10.925 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV010634.D

Acq: 02 May 2019 17:56

Instrument :

MSVOA_V

ClientSampleId :

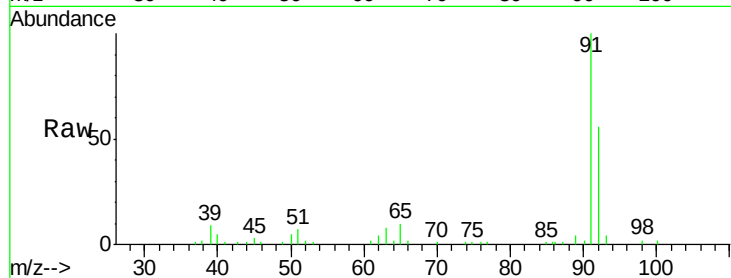
GAJ55

Tot Ion: 91 Resp: 39216

Ion Ratio Lower Upper

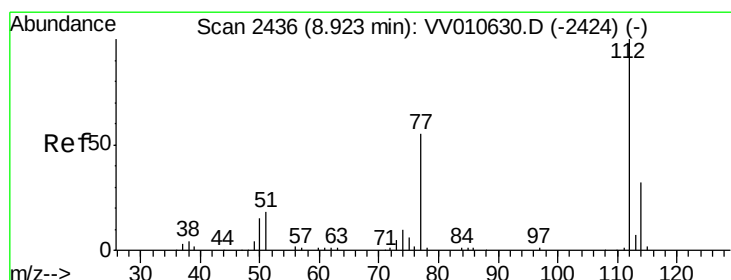
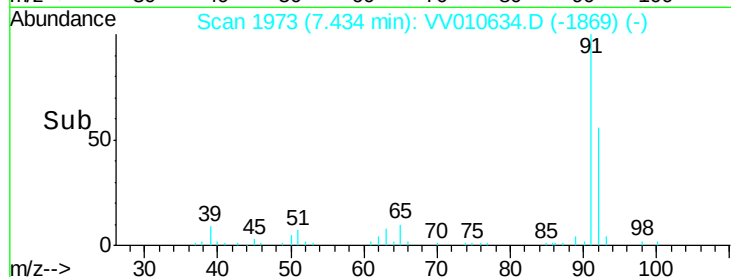
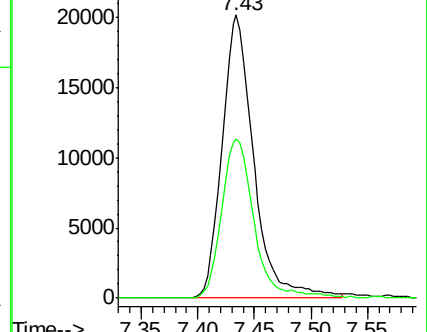
91 100

92 56.2 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV010634.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV010634.D (-1958) (-)



#52

Chlorobenzene

Concen: 12.719 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010634.D

Acq: 02 May 2019 17:56

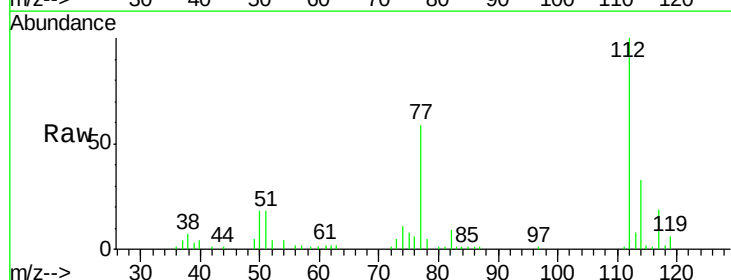
Tgt Ion: 112 Resp: 31866

Ion Ratio Lower Upper

112 100

77 59.2 44.5 66.7

114 33.5 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): VV010634.D (-2424) (-)

Ion 77.00 (76.70 to 77.70): VV010634.D (-2424) (-)

Ion 114.00 (113.70 to 114.70): VV010634.D (-2424) (-)

