

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010820.D
 Acq On : 10 May 2019 18:18
 Operator : SY/MD
 Sample : K2692-25MSD
 Misc : 5.99G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5186MSD

Quant Time: May 11 00:11:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 22:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	76428	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	79006	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34395	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23032	19.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.60%
7) Chloroethane-d5	1.56	69	22630	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.64%
10) 1,1-Dichloroethene-d2	2.12	63	55959	21.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.92%
20) 2-Butanone-d5	3.93	46	22902	64.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.56%
24) Chloroform-d	4.40	84	51785	24.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	35551	27.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.28%
29) Benzene-d6	5.09	84	93120	22.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.56%
33) 1,2-Dichloropropane-d6	6.12	67	31976	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.52%
37) Toluene-d8	7.36	98	81559	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.92%
38) trans-1,3-Dichloropropene-	7.66	79	14057	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.08%
39) 2-Hexanone-d5	8.13	63	17979	64.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35210	28.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	33132	24.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.48%

Target Compounds

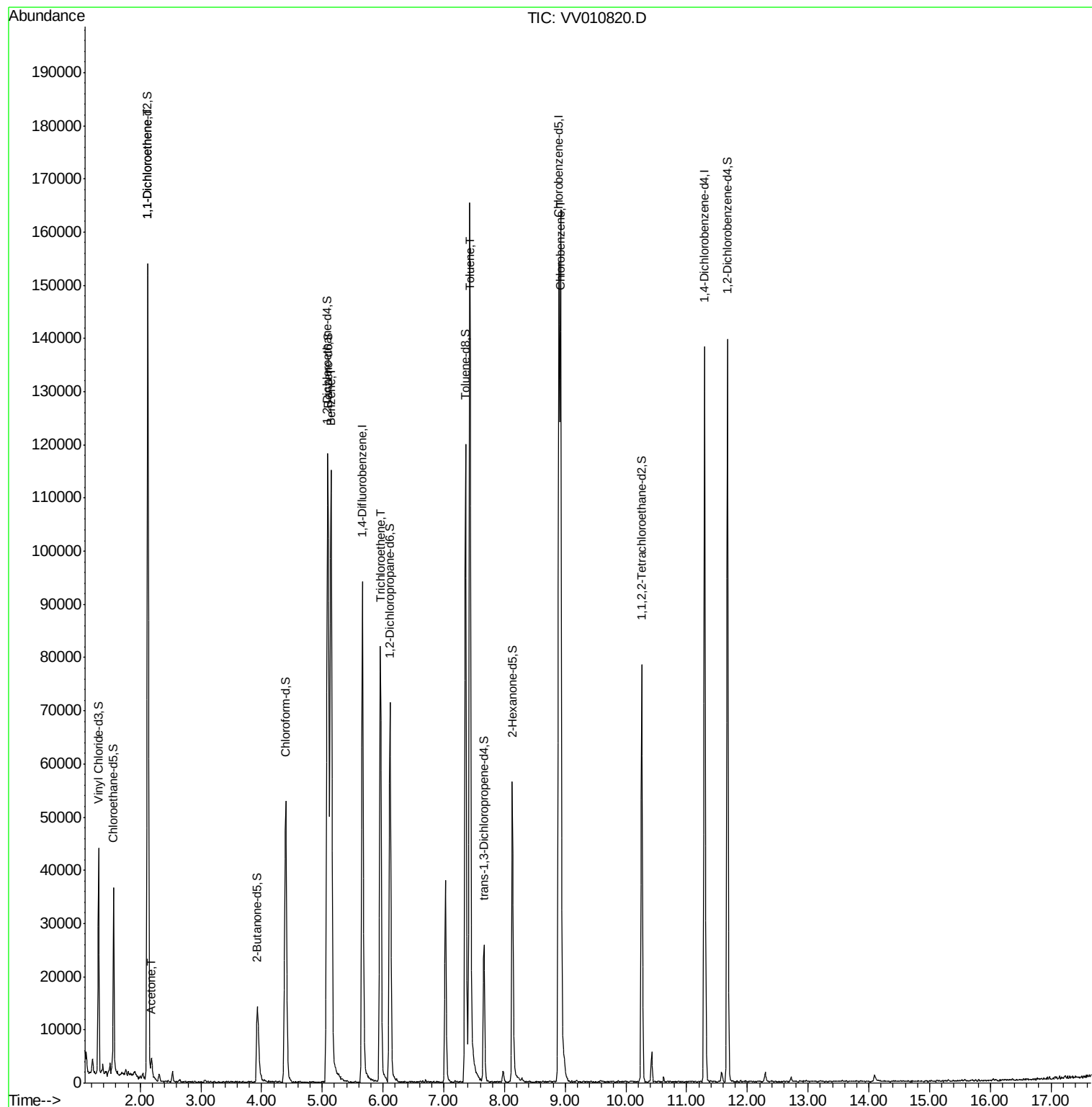
					Ovalue
12) 1,1-Dichloroethene	2.13	96	30069	24.991	ug/L 97
13) Acetone	2.19	43	2890	5.240	ug/L 98
34) Benzene	5.14	78	110663	23.860	ug/L 100
35) Trichloroethene	5.96	95	28447	21.897	ug/L 97
44) Toluene	7.43	91	121435	23.053	ug/L 98
52) Chlorobenzene	8.92	112	80721	23.456	ug/L 99

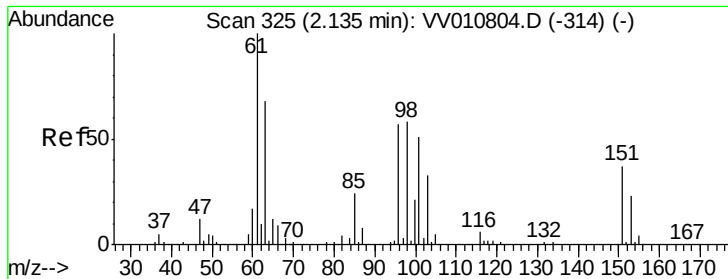
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.991 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV010820.D

Acq: 10 May 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

A5186MSD

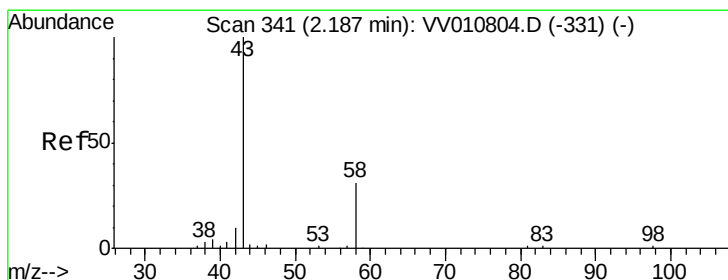
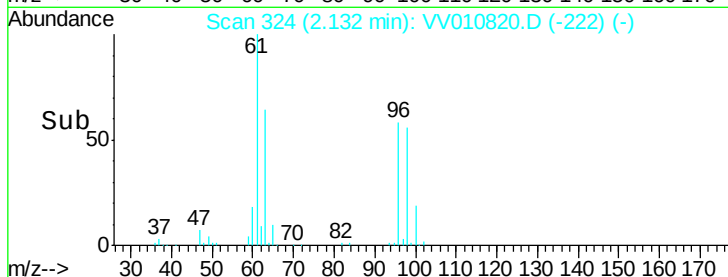
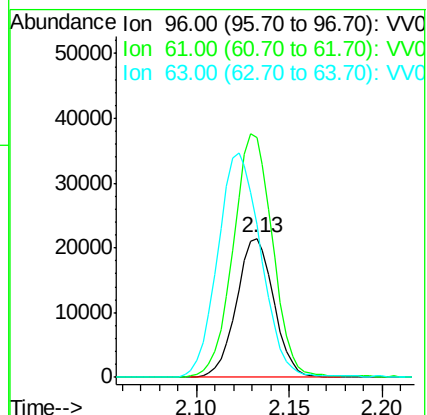
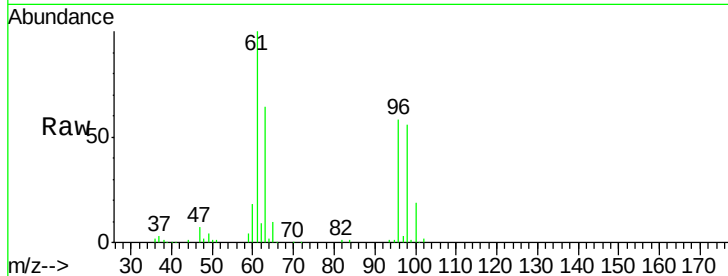
Tot Ion: 96 Resp: 30069

Ion Ratio Lower Upper

96 100

61 172.0 120.3 223.3

63 109.4 82.9 153.9



#13

Acetone

Concen: 5.240 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010820.D

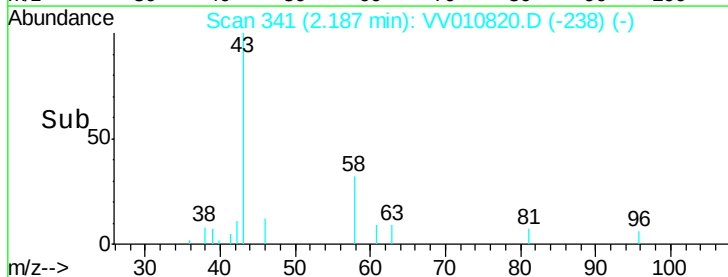
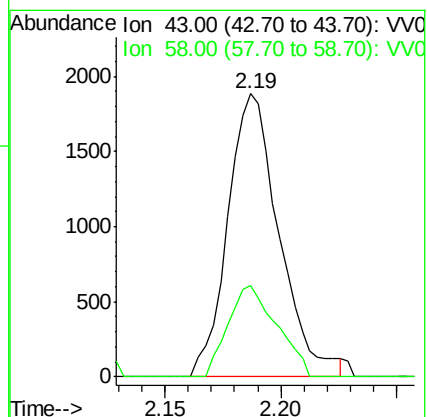
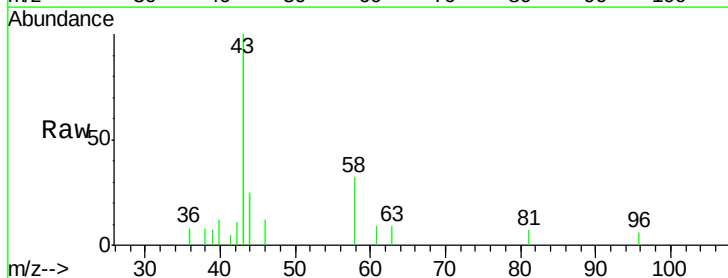
Acq: 10 May 2019 18:18

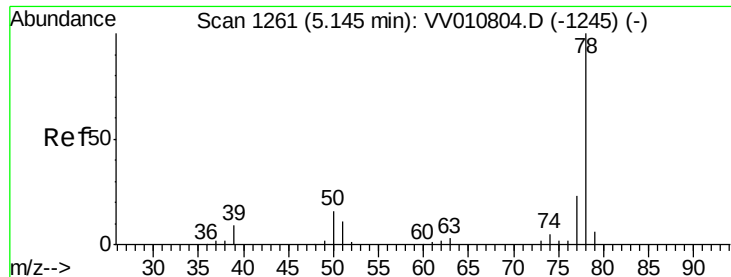
Tgt Ion: 43 Resp: 2890

Ion Ratio Lower Upper

43 100

58 30.7 0.0 63.4





#34

Benzene

Concen: 23.860 ug/L

RT: 5.14 min Scan# 1261

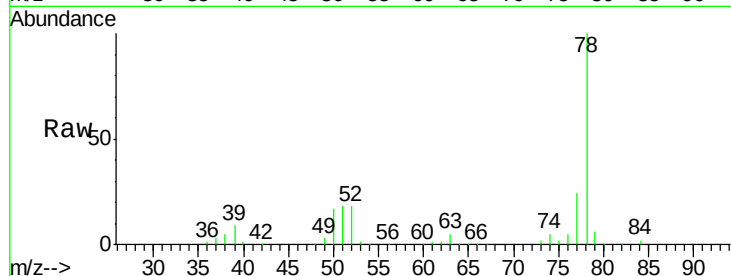
Delta R.T. 0.00 min

Lab File: VV010820.D

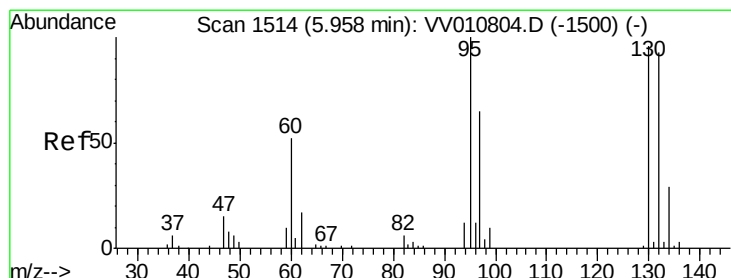
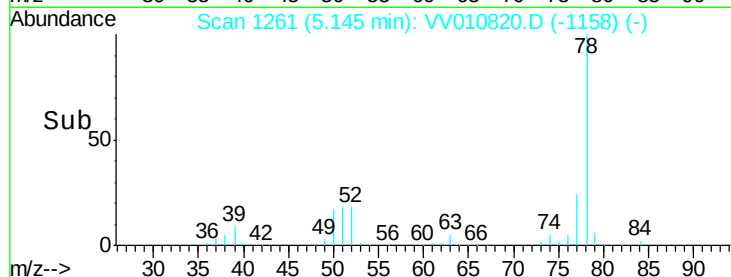
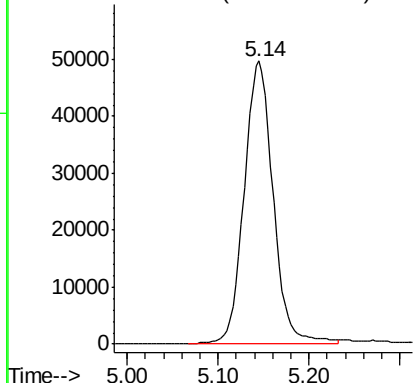
Acq: 10 May 2019 18:18

Instrument :
MSVOA_V
ClientSampleId :
A5186MSD

Tgt Ion: 78 Resp: 110663



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 21.897 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010820.D

Acq: 10 May 2019 18:18

Tgt Ion: 95 Resp: 28447

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.3	82.3
132	92.5	62.4	115.8
130	95.5	68.5	127.3

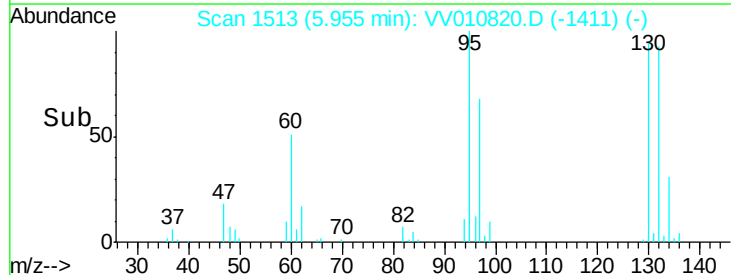
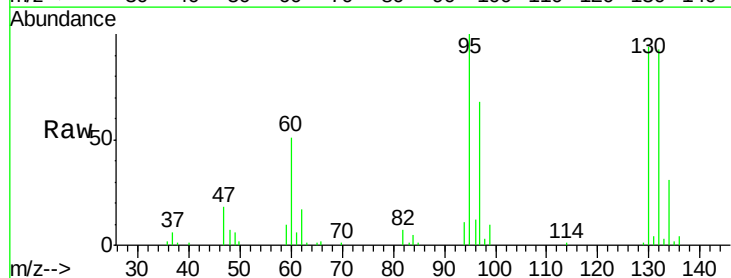
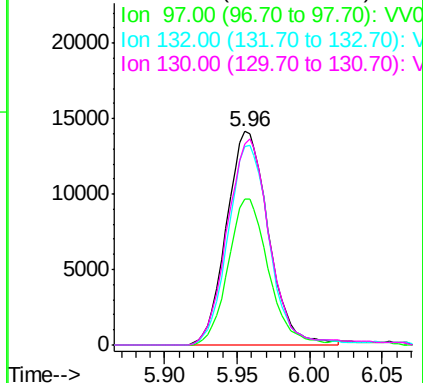
Ion 95.00 (94.70 to 95.70): VV0

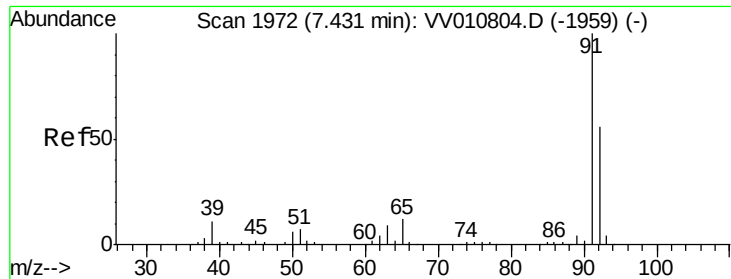
Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0





#44

Toluene

Concen: 23.053 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010820.D

Acq: 10 May 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

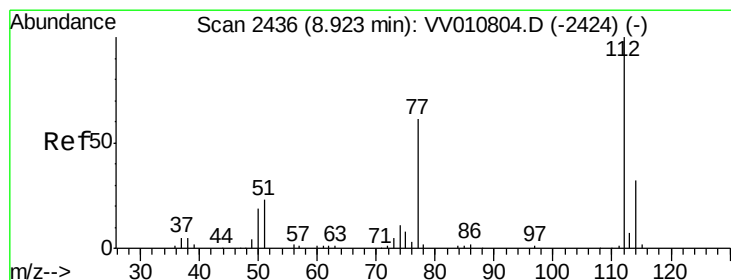
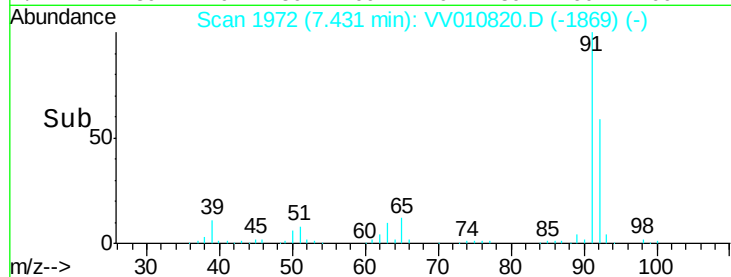
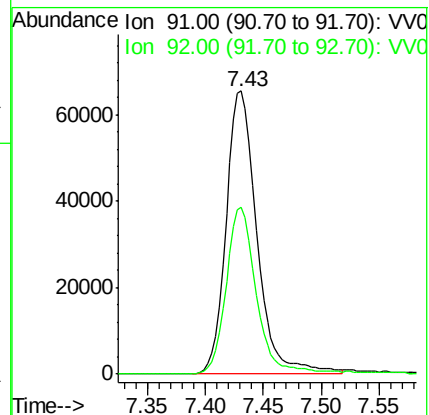
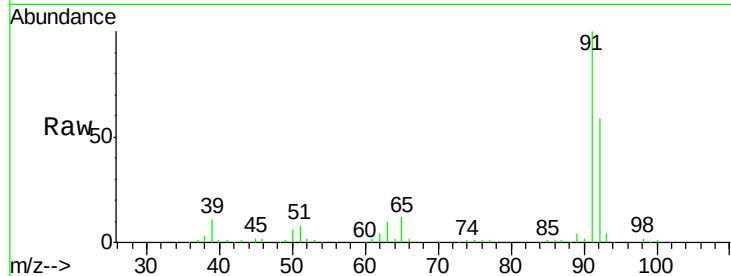
A5186MSD

Tot Ion: 91 Resp: 121435

Ion Ratio Lower Upper

91 100

92 59.0 40.1 74.5



#52

Chlorobenzene

Concen: 23.456 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV010820.D

Acq: 10 May 2019 18:18

Tgt Ion: 112 Resp: 80721

Ion Ratio Lower Upper

112 100

77 59.0 47.7 71.5

114 32.7 22.1 41.1

