

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010819.D
 Acq On : 10 May 2019 17:50
 Operator : SY/MD
 Sample : K2692-24MS
 Misc : 6.15G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5186MS

Quant Time: May 11 00:10:11 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	72421	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76066	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32612	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23701	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.28%
7) Chloroethane-d5	1.56	69	23556	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.76%
10) 1,1-Dichloroethene-d2	2.12	63	56508	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.64%
20) 2-Butanone-d5	3.93	46	30614	90.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.36%#
24) Chloroform-d	4.40	84	50660	25.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	5.08	65	37488	30.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.60%
29) Benzene-d6	5.09	84	95148	23.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.08%
33) 1,2-Dichloropropane-d6	6.12	67	32749	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.68%
37) Toluene-d8	7.36	98	83363	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.96%
38) trans-1,3-Dichloropropene-	7.66	79	14667	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.88%
39) 2-Hexanone-d5	8.13	63	23050	86.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.68%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41573	34.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	34000	26.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.68%

Target Compounds

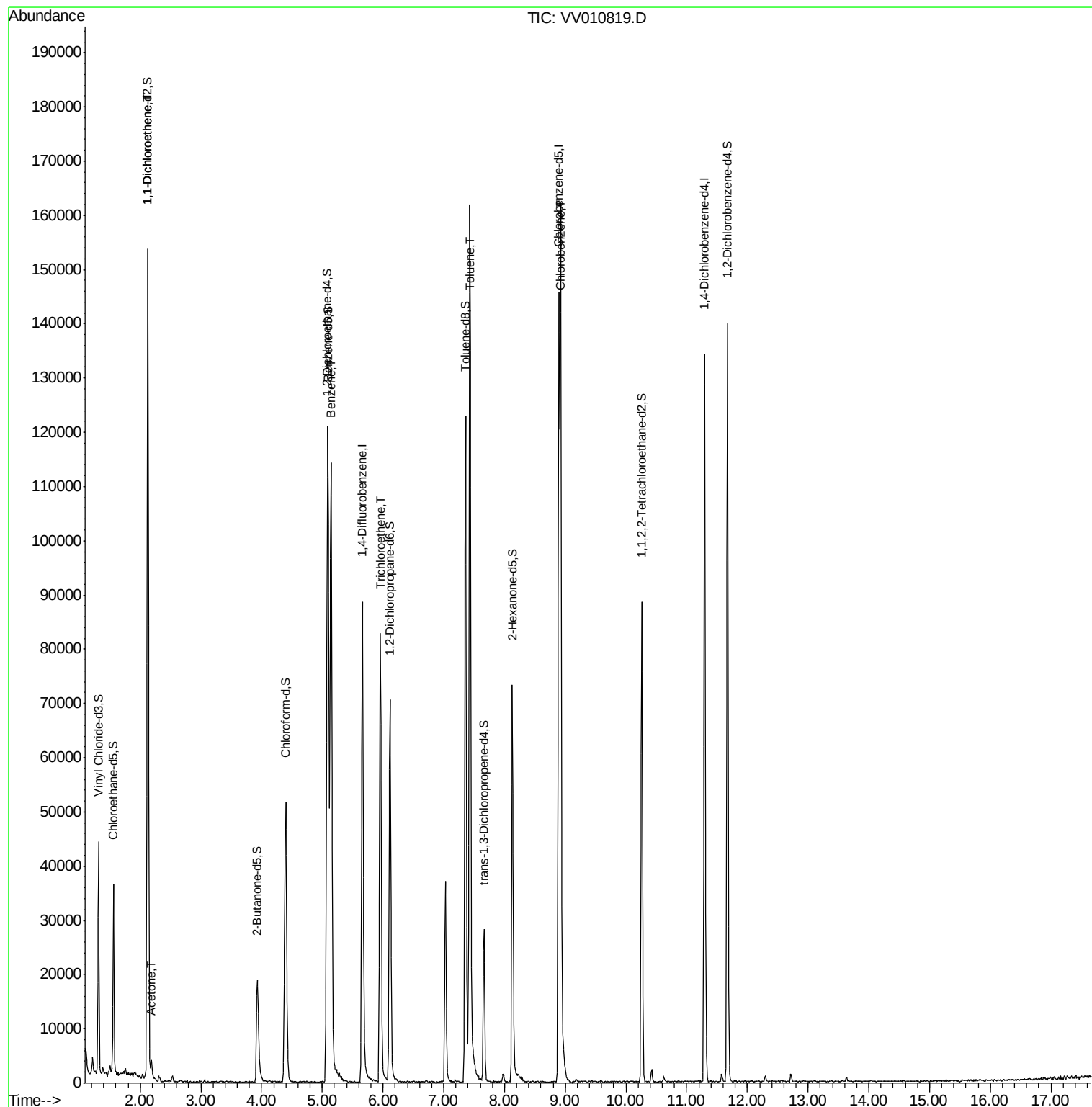
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	29919	26.242	ug/L	95
13) Acetone	2.19	43	2234	4.274	ug/L	98
34) Benzene	5.14	78	107254	24.019	ug/L	100
35) Trichloroethene	5.96	95	27648	22.104	ug/L	96
44) Toluene	7.43	91	120336	23.728	ug/L	99
52) Chlorobenzene	8.92	112	79539	24.006	ug/L	98

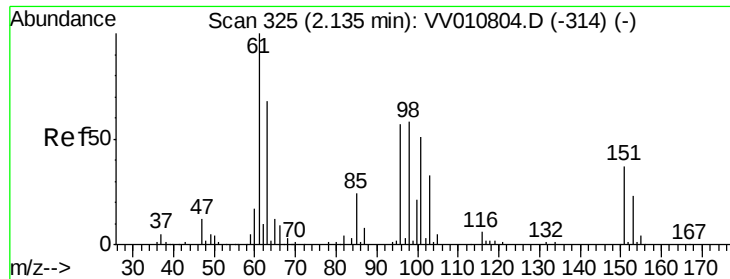
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 26.242 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV010819.D

Acq: 10 May 2019 17:50

Instrument :

MSVOA_V

ClientSampleId :

A5186MS

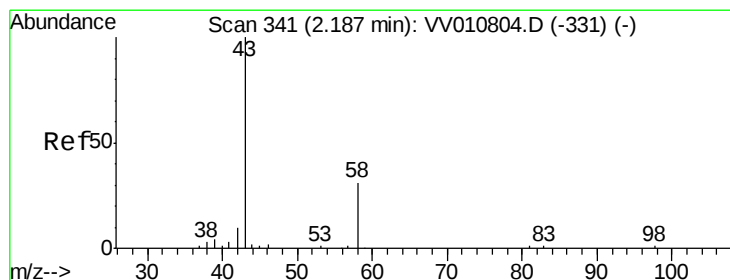
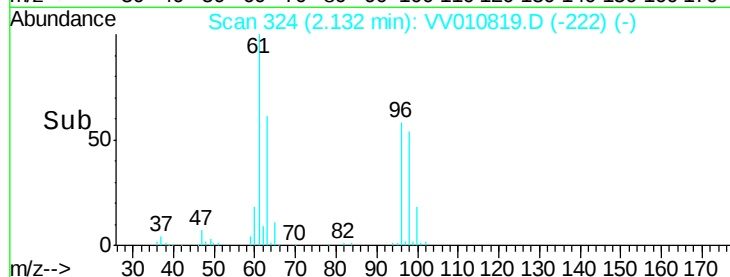
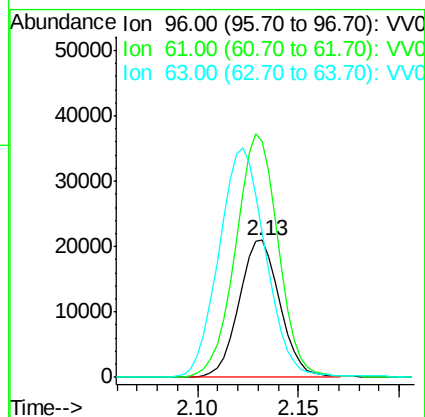
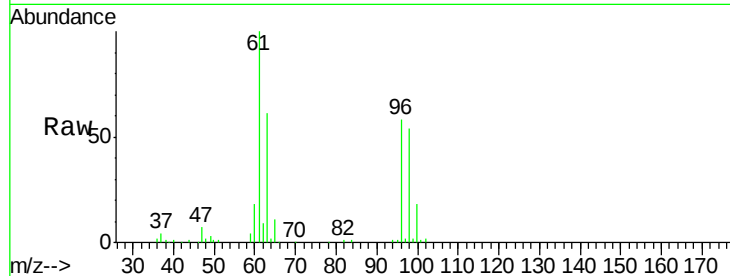
Tot Ion: 96 Resp: 29919

Ion Ratio Lower Upper

96 100

61 172.3 120.3 223.3

63 105.4 82.9 153.9



#13

Acetone

Concen: 4.274 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010819.D

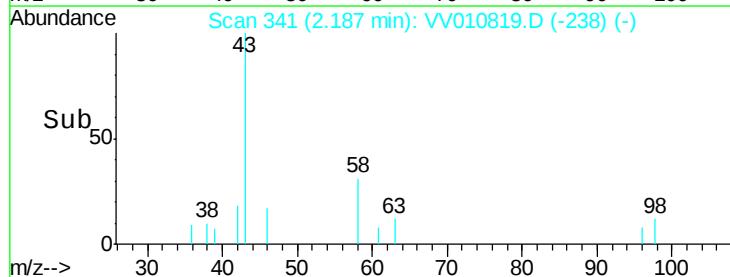
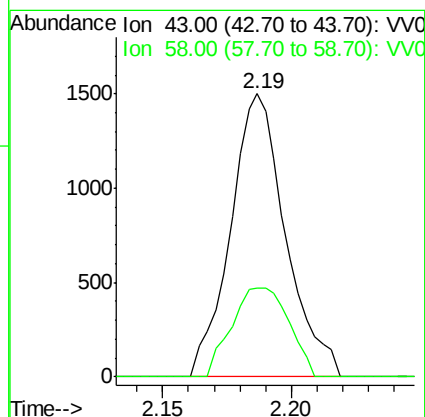
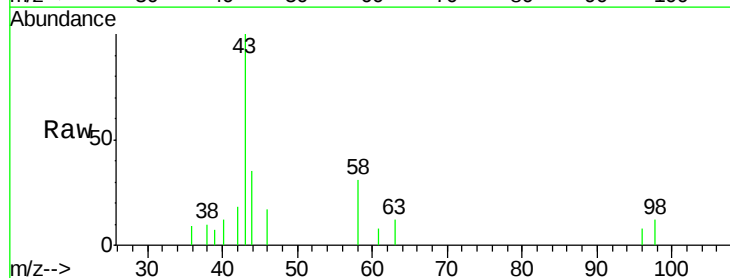
Acq: 10 May 2019 17:50

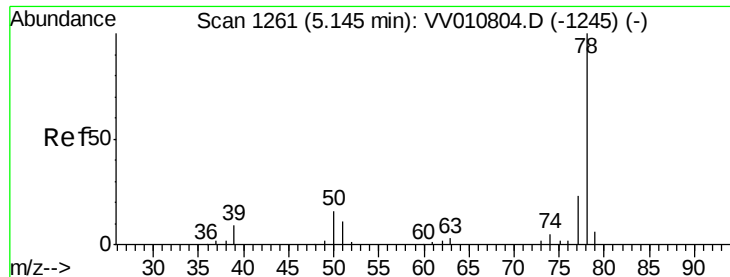
Tgt Ion: 43 Resp: 2234

Ion Ratio Lower Upper

43 100

58 32.7 0.0 63.4





#34

Benzene

Concen: 24.019 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV010819.D

Acq: 10 May 2019 17:50

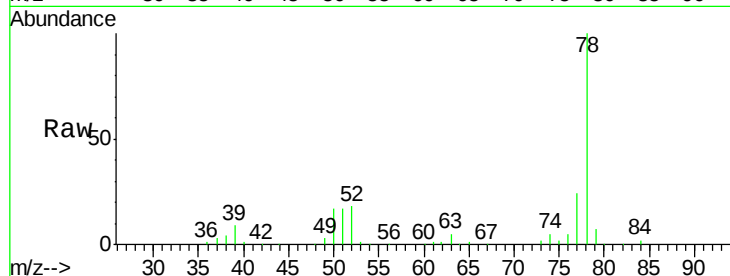
Instrument :

MSVOA_V

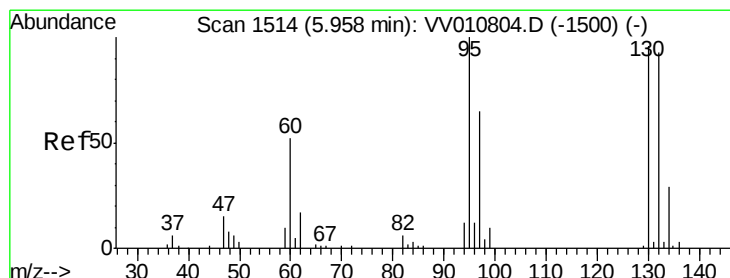
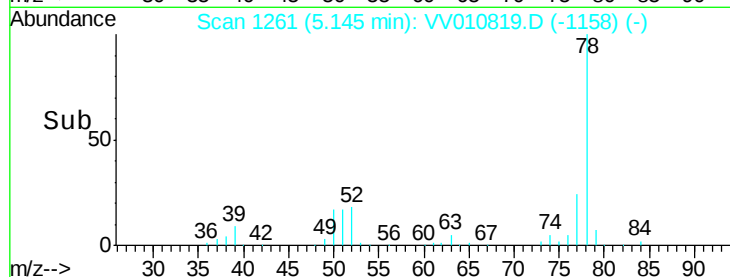
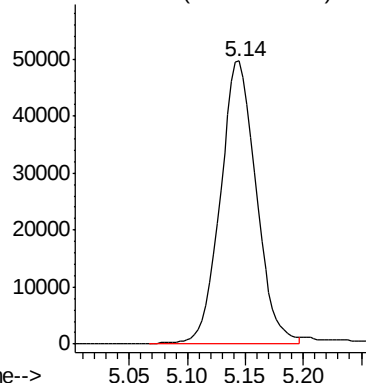
ClientSampled :

A5186MS

Tgt Ion: 78 Resp: 107254



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 22.104 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010819.D

Acq: 10 May 2019 17:50

Tgt Ion: 95 Resp: 27648

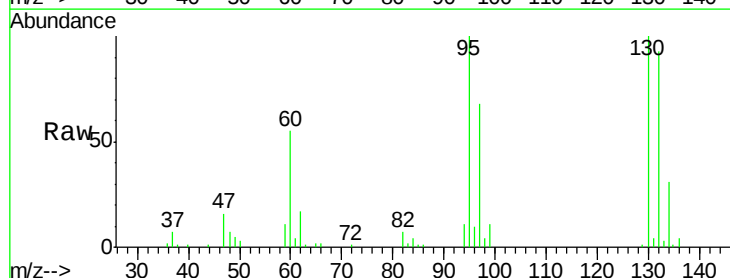
Ion Ratio Lower Upper

95 100

97 65.8 44.3 82.3

132 93.4 62.4 115.8

130 100.6 68.5 127.3

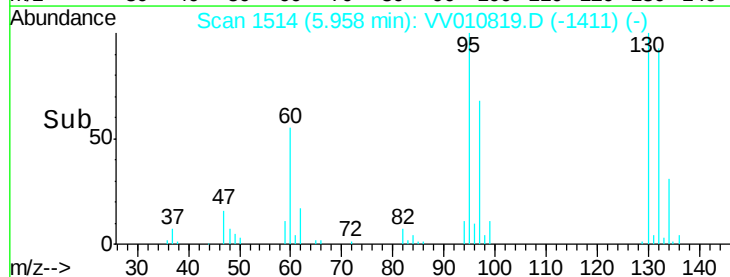
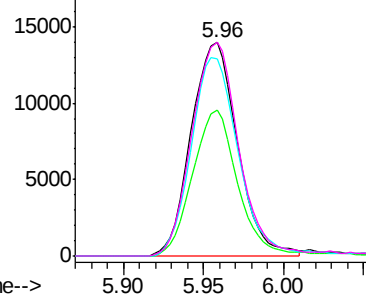


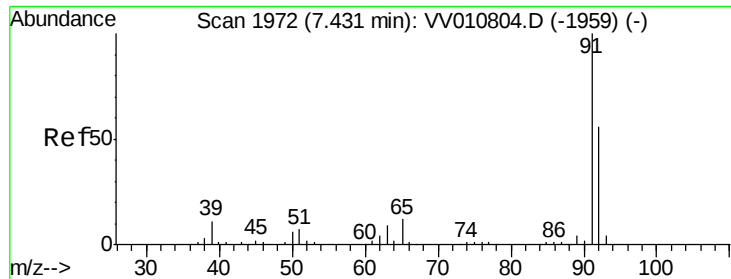
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 23.728 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010819.D

Acq: 10 May 2019 17:50

Instrument :

MSVOA_V

ClientSampleId :

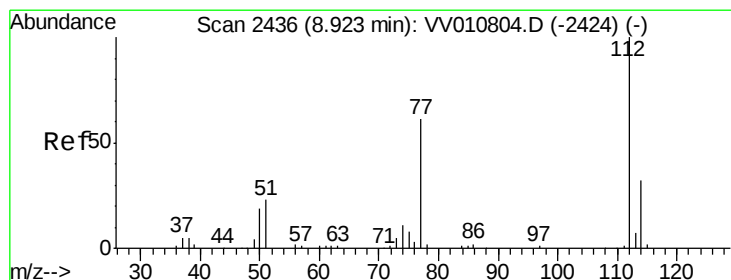
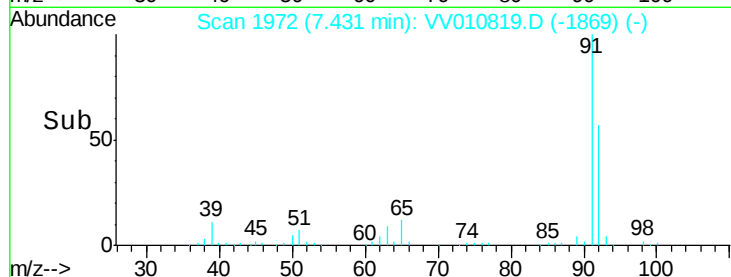
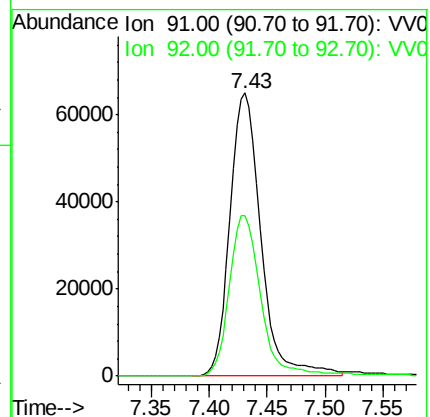
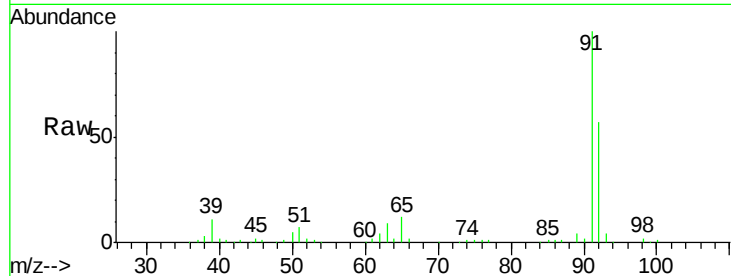
A5186MS

Tot Ion: 91 Resp: 120336

Ion Ratio Lower Upper

91 100

92 56.8 40.1 74.5



#52

Chlorobenzene

Concen: 24.006 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV010819.D

Acq: 10 May 2019 17:50

Tgt Ion: 112 Resp: 79539

Ion Ratio Lower Upper

112 100

77 61.3 47.7 71.5

114 31.3 22.1 41.1

