

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010360.D
 Acq On : 18 Apr 2019 20:28
 Operator : SY/MD
 Sample : K2403-19MSD
 Misc : 6.27G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5131MSD

Quant Time: Apr 19 08:29:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	289264	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	285480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	144178	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67506	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	1.57	69	65386	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	2.13	63	185376	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.68%
20) 2-Butanone-d5	3.93	46	61755	53.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.98%
24) Chloroform-d	4.40	84	170358	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	110279	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.28%
29) Benzene-d6	5.10	84	315357	21.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.32%
33) 1,2-Dichloropropane-d6	6.12	67	102103	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.48%
37) Toluene-d8	7.36	98	291767	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.08%
38) trans-1,3-Dichloropropene-	7.66	79	44758	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	8.13	63	53111	55.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	113997	26.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	135756	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds

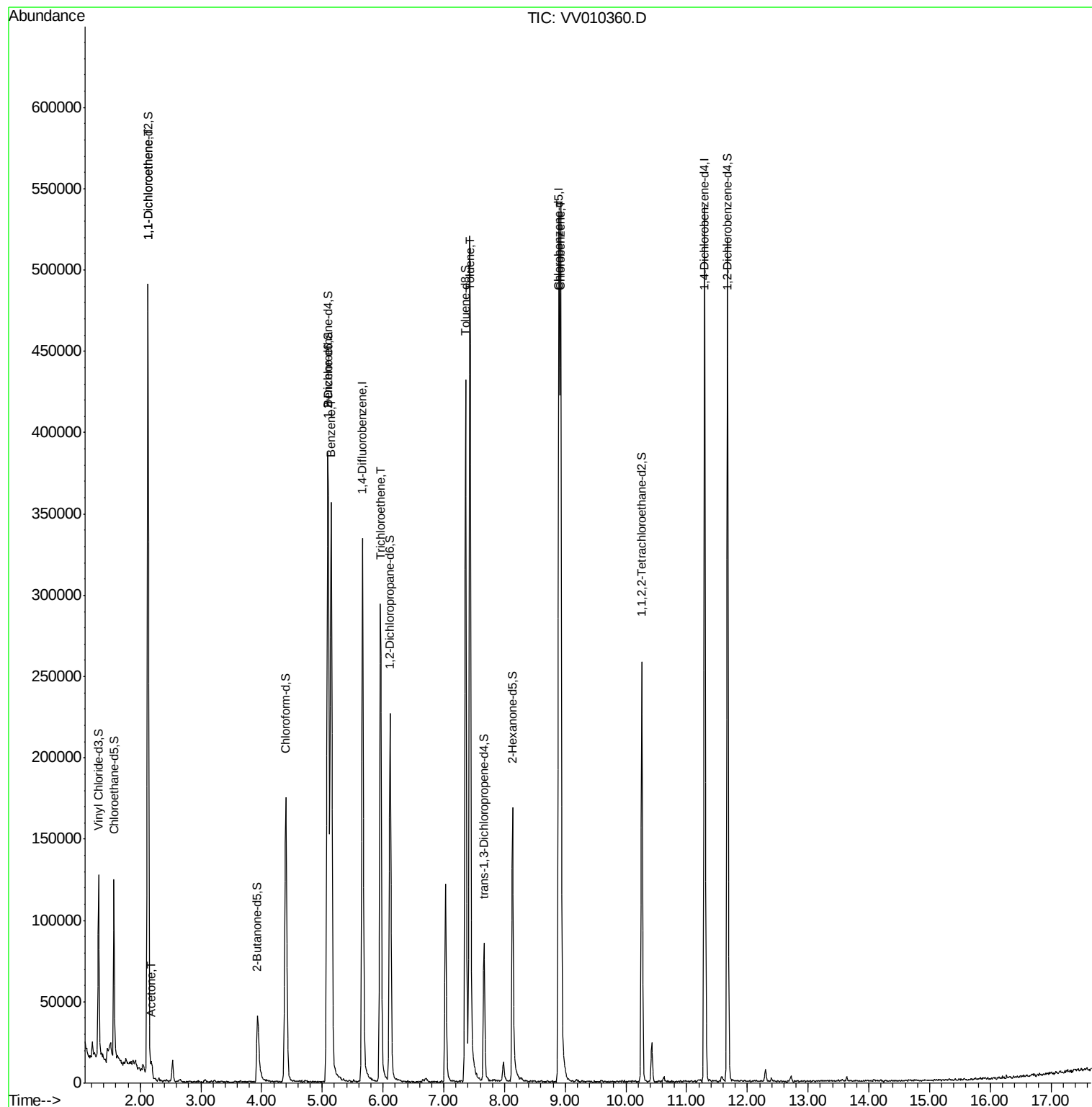
					Ovalue
12) 1,1-Dichloroethene	2.13	96	85423	22.732	ug/L 87
13) Acetone	2.19	43	2987	2.474	ug/L 76
34) Benzene	5.14	78	335545	24.086	ug/L 100
35) Trichloroethene	5.96	95	96242	23.350	ug/L 98
44) Toluene	7.43	91	383018	24.388	ug/L 100
52) Chlorobenzene	8.93	112	280316	25.652	ug/L 98

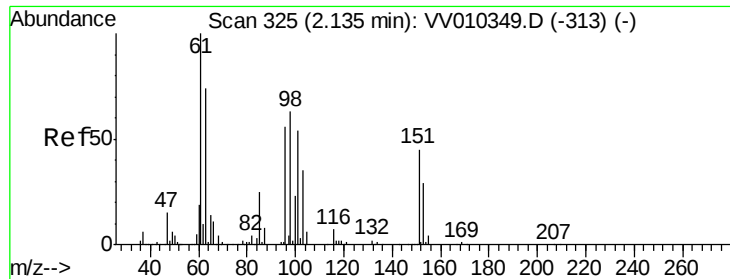
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 19 06:08:59 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.732 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

Instrument :

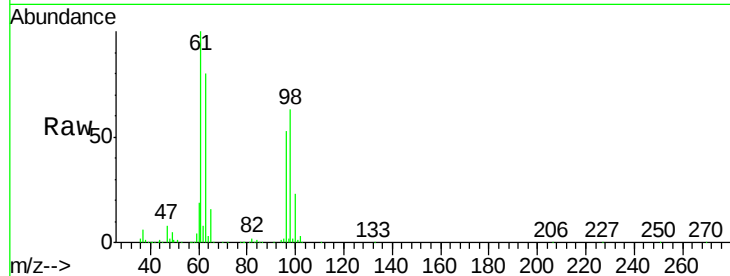
MSVOA_V

ClientSampleId :

A5131MSD

Tot Ion: 96 Resp: 85423

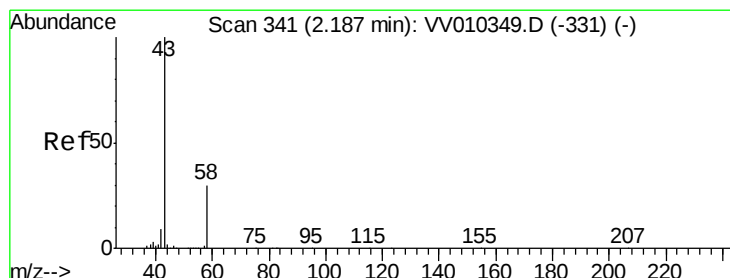
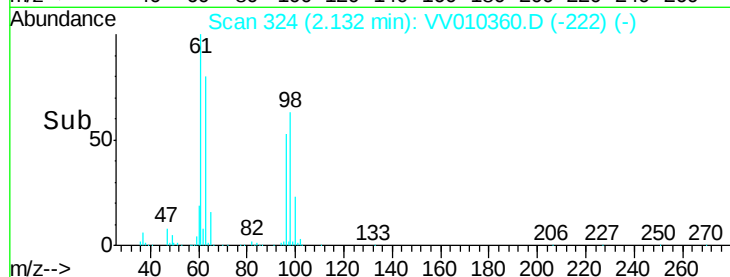
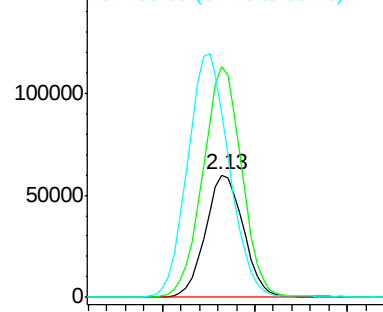
Ion	Ratio	Lower	Upper
96	100		
61	188.5	124.7	231.5
63	151.4	88.7	164.7



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 2.474 ug/L

RT: 2.19 min Scan# 342

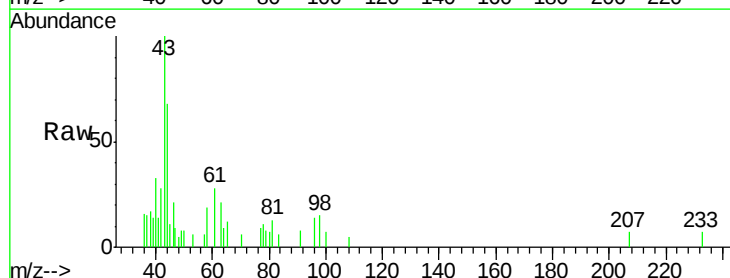
Delta R.T. -0.00 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

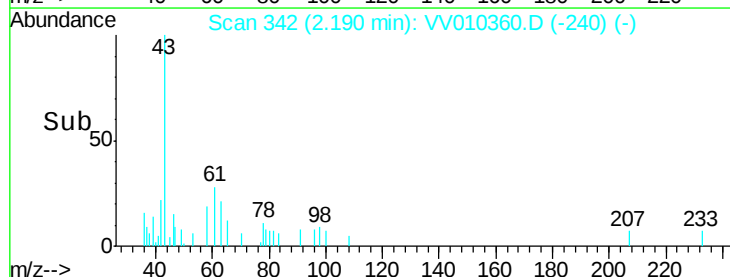
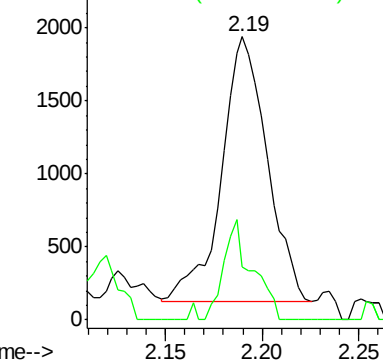
Tgt Ion: 43 Resp: 2987

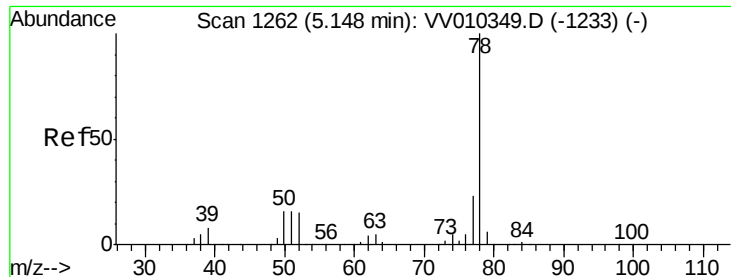
Ion	Ratio	Lower	Upper
43	100		
58	17.0	0.0	60.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#34

Benzene

Concen: 24.086 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

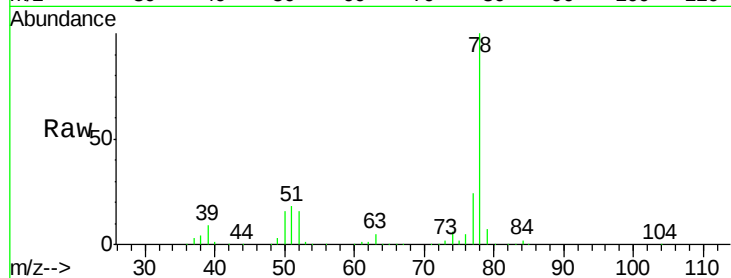
Instrument :

MSVOA_V

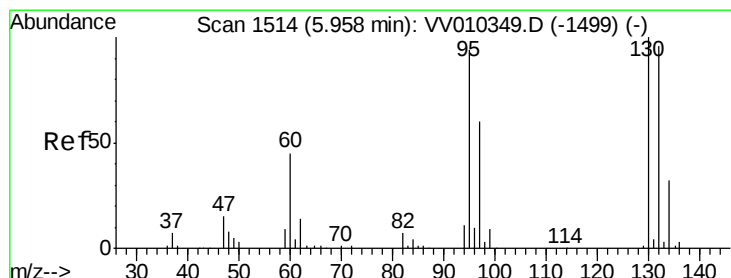
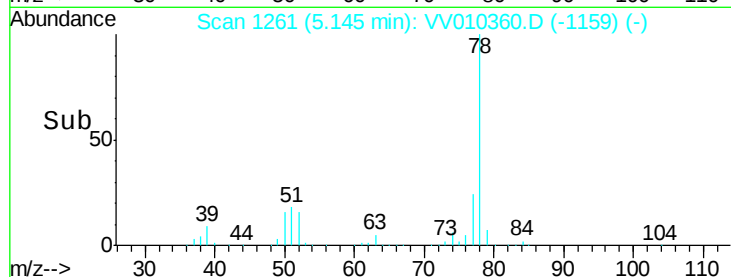
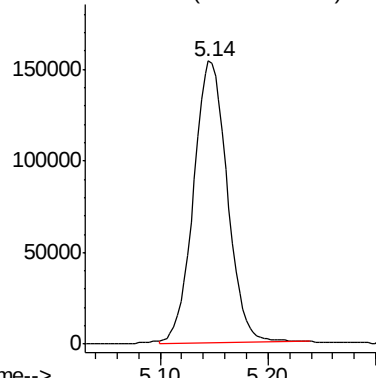
ClientSampleId :

A5131MSD

Tgt Ion: 78 Resp: 335545



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 23.350 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

Tgt Ion: 95 Resp: 96242

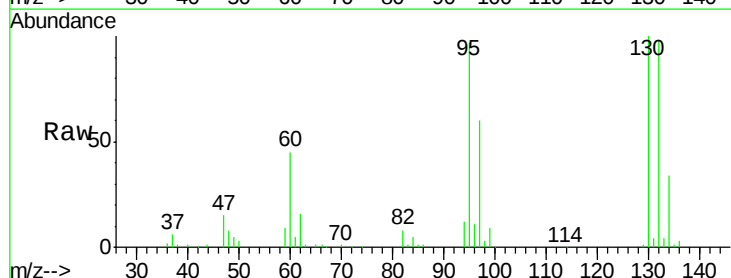
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.6	84.8
132	105.3	71.5	132.7
130	105.0	74.0	137.4

95 100

97 63.4 45.6 84.8

132 105.3 71.5 132.7

130 105.0 74.0 137.4

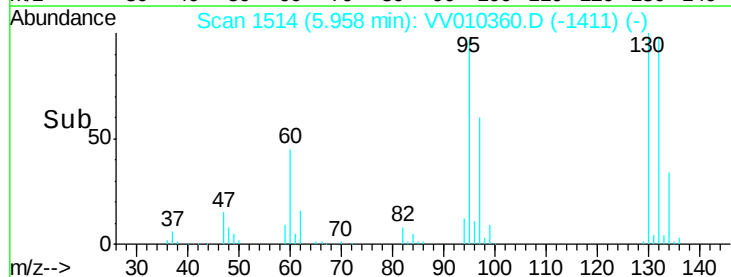
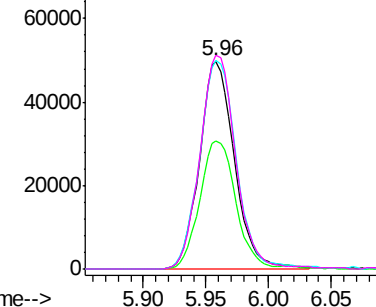


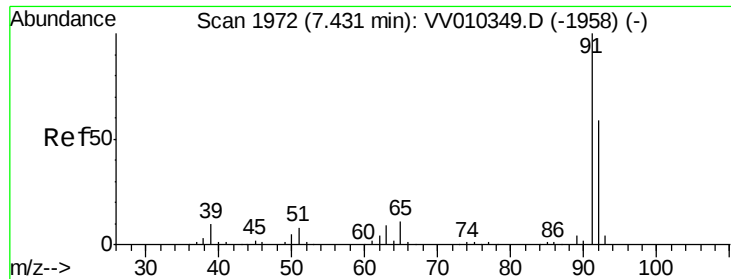
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 24.388 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

Instrument :

MSVOA_V

ClientSampleId :

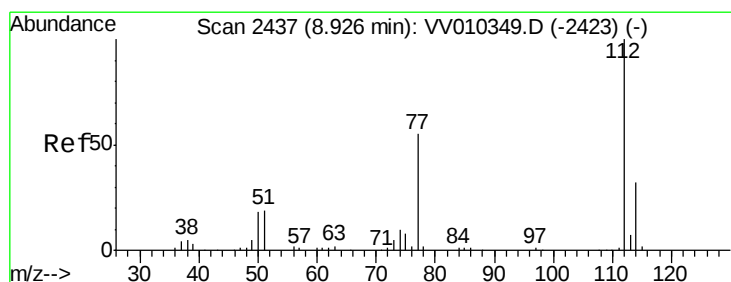
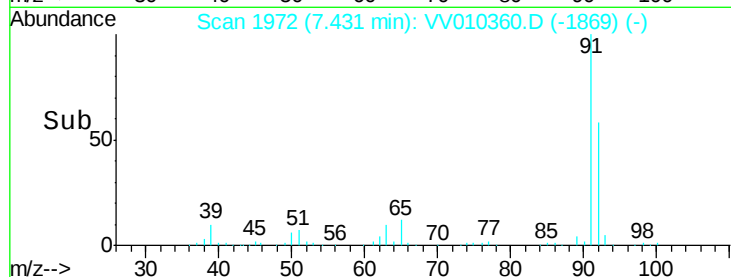
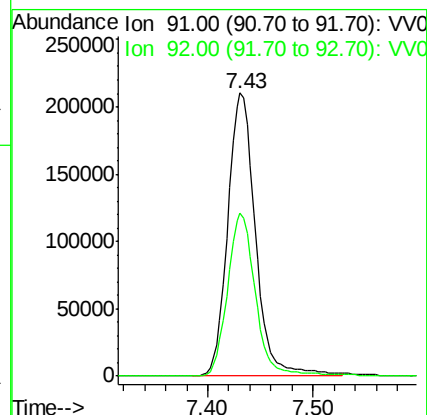
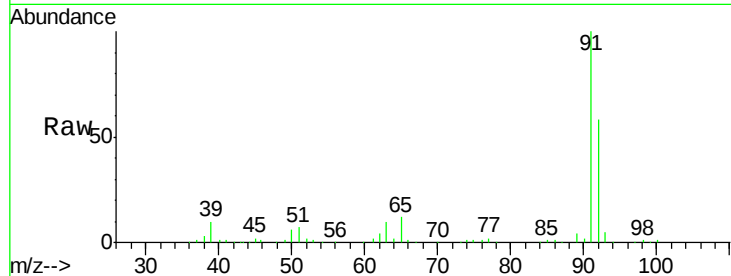
A5131MSD

Tot Ion: 91 Resp: 383018

Ion Ratio Lower Upper

91 100

92 57.6 40.1 74.5



#52

Chlorobenzene

Concen: 25.652 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

Tgt Ion: 112 Resp: 280316

Ion Ratio Lower Upper

112 100

77 52.0 43.0 64.4

114 32.5 22.5 41.9

