

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120519\
 Data File : VV013915.D
 Acq On : 05 Dec 2019 14:48
 Operator : SY/MD
 Sample : K6165-04MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBS1MSD

Quant Time: Dec 06 04:32:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 04:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	646977	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	631997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	255502	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	160205	42.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.62%
7) Chloroethane-d5	1.57	69	164940	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.46%
11) 1,1-Dichloroethene-d2	2.13	63	361487	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
21) 2-Butanone-d5	3.92	46	266798	101.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.30%
24) Chloroform-d	4.39	84	363660	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.07	65	235049	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
32) Benzene-d6	5.09	84	713615	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.16%
36) 1,2-Dichloropropane-d6	6.11	67	234111	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.35	98	644270	43.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.30%
43) trans-1,3-Dichloropropene-	7.66	79	104833	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.13	63	171968	93.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.69%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	334779	47.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.06%
64) 1,2-Dichlorobenzene-d4	11.67	152	267894	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%

Target Compounds

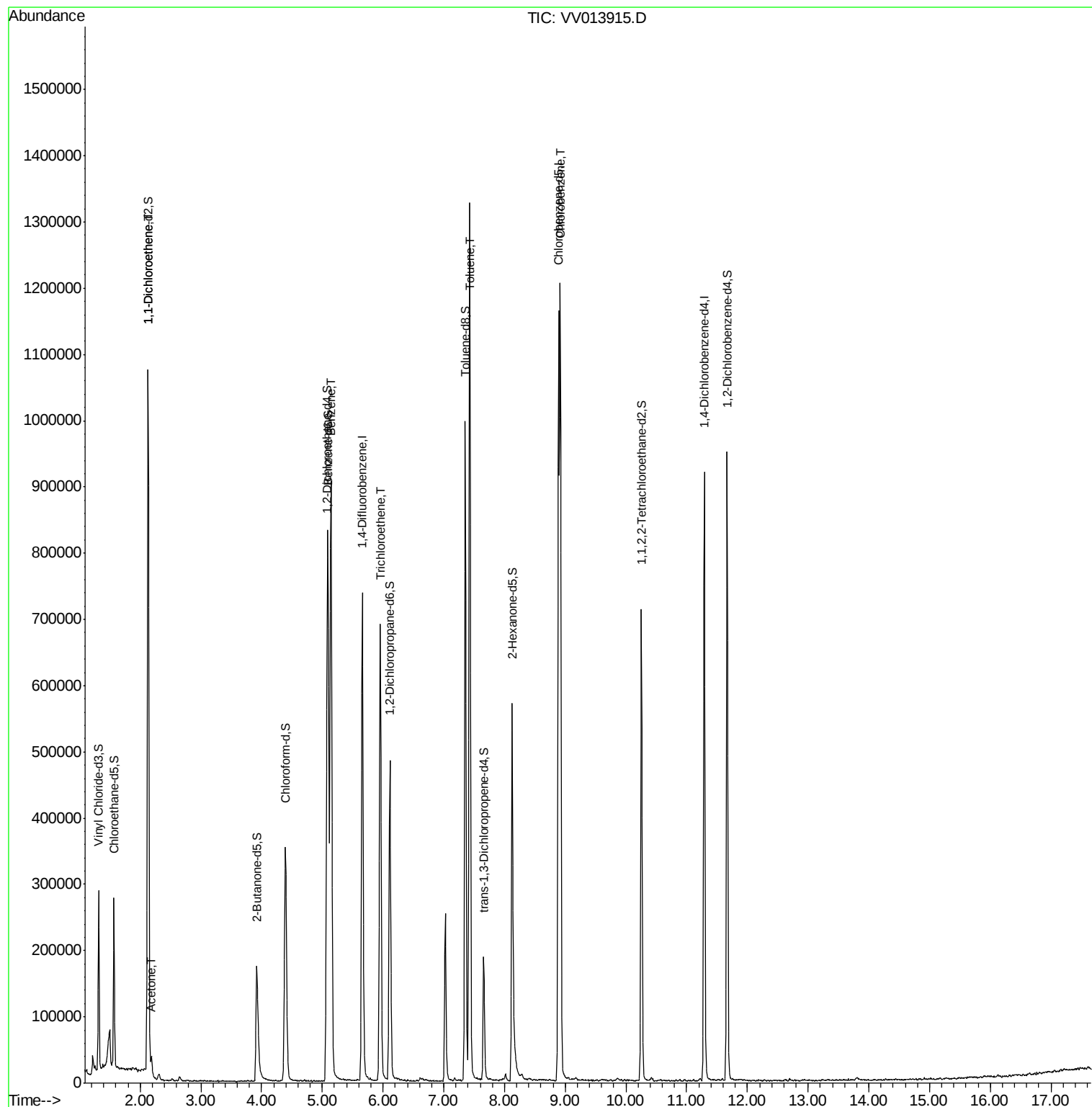
					Ovalue
12) 1,1-Dichloroethene	2.14	96	224084	47.676	ug/L 97
13) Acetone	2.18	43	14873	3.854	ug/L 90
33) Benzene	5.14	78	904213	48.043	ug/L 100
34) Trichloroethene	5.96	95	225858	44.743	ug/L 98
42) Toluene	7.43	91	953623	49.108	ug/L 100
51) Chlorobenzene	8.92	112	651189	48.606	ug/L 98

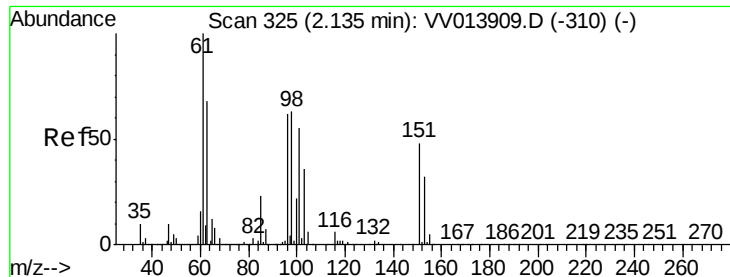
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 47.676 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV013915.D

Acq: 05 Dec 2019 14:48

Instrument :

MSVOA_V

ClientSampleId :

DBBS1MSD

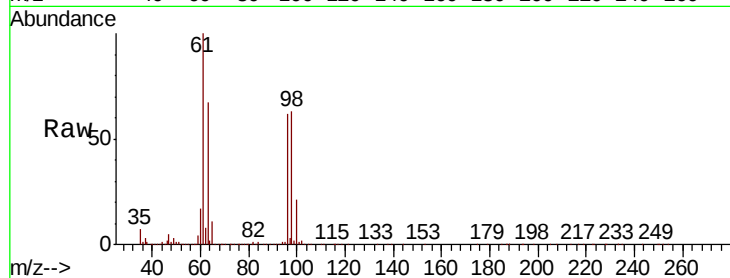
Tot Ion: 96 Resp: 224084

Ion Ratio Lower Upper

96 100

61 161.3 114.0 211.8

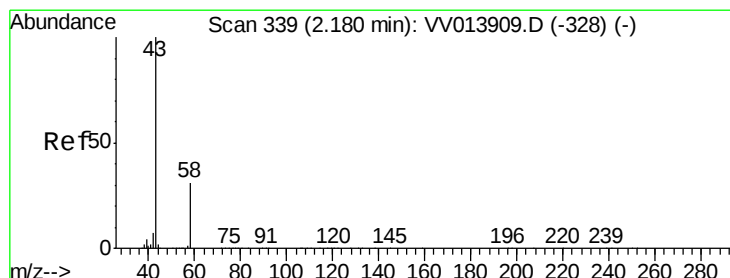
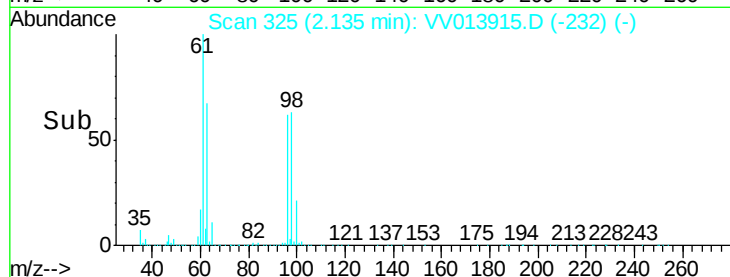
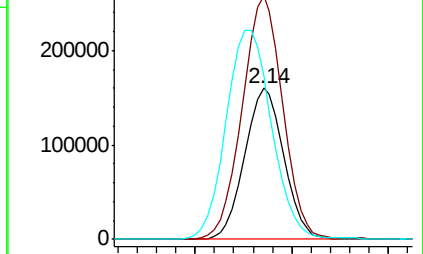
63 108.1 80.3 149.1



Abundance Ion 96.00 (95.70 to 96.70): VV013915.D (-232) (-)

Ion 61.00 (60.70 to 61.70): VV013915.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV013915.D (-232) (-)



#13

Acetone

Concen: 3.854 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013915.D

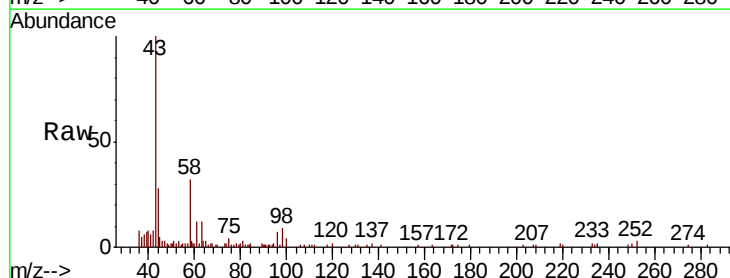
Acq: 05 Dec 2019 14:48

Tgt Ion: 43 Resp: 14873

Ion Ratio Lower Upper

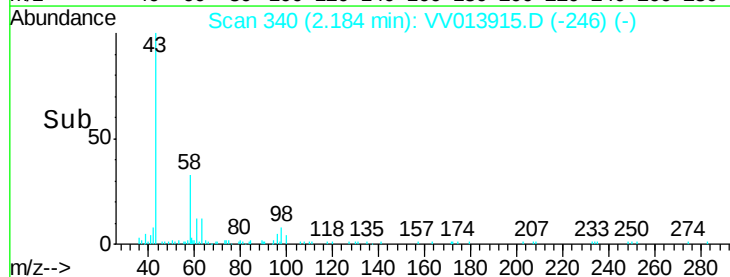
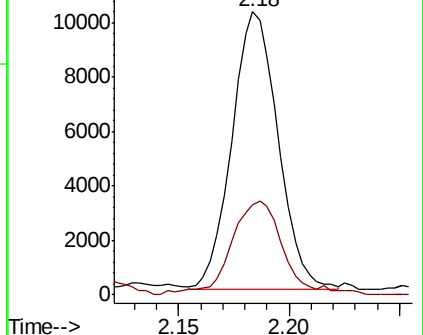
43 100

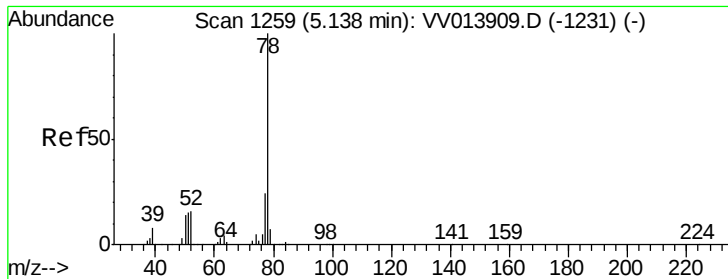
58 36.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV013915.D (-246) (-)

Ion 58.00 (57.70 to 58.70): VV013915.D (-246) (-)





#33

Benzene

Concen: 48.043 ug/L

RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VV013915.D

Acq: 05 Dec 2019 14:48

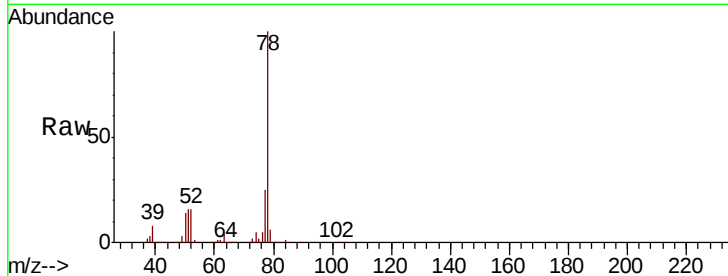
Instrument :

MSVOA_V

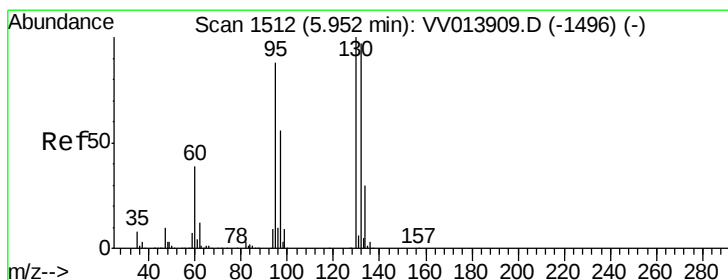
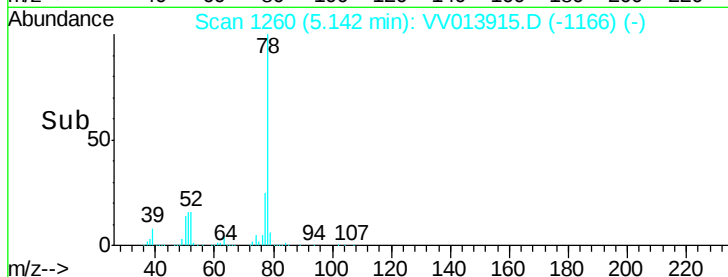
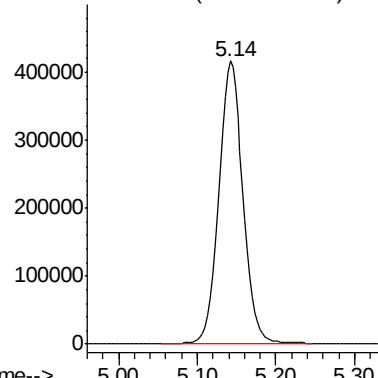
ClientSampleId :

DBBS1MSD

Tgt Ion: 78 Resp: 904213



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 44.743 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013915.D

Acq: 05 Dec 2019 14:48

Tgt Ion: 95 Resp: 225858

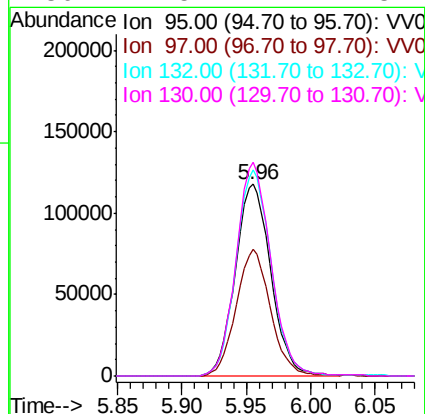
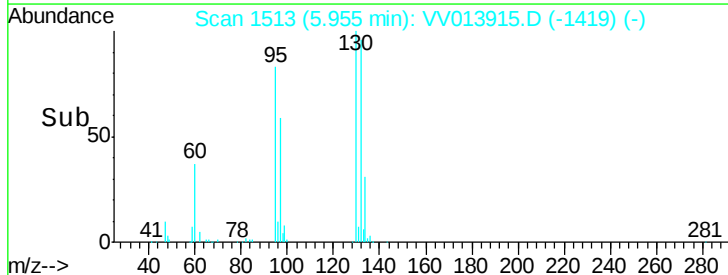
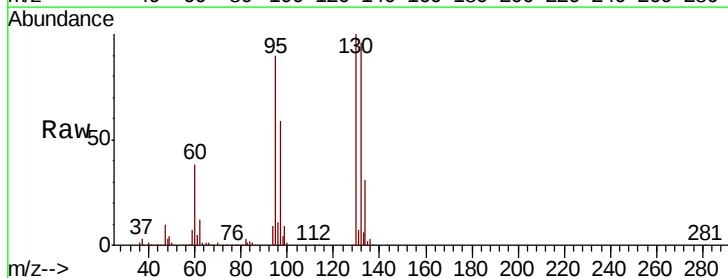
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.4	84.4
132	107.3	73.7	136.9
130	111.5	77.1	143.1

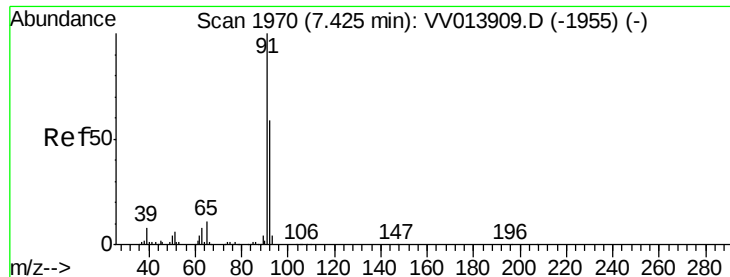
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#42

Toluene

Concen: 49.108 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013915.D

Acq: 05 Dec 2019 14:48

Instrument :

MSVOA_V

ClientSampleId :

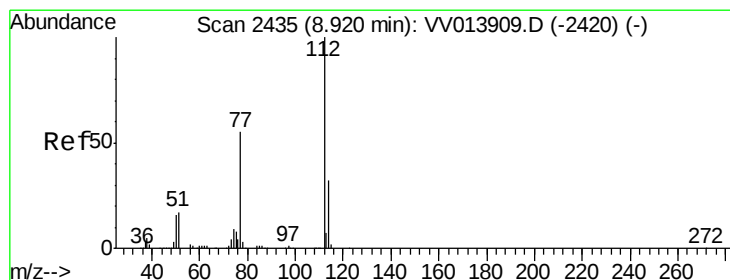
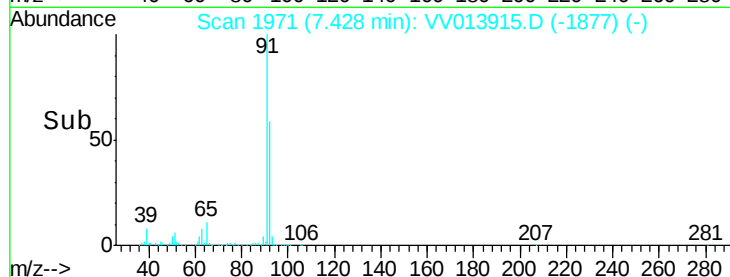
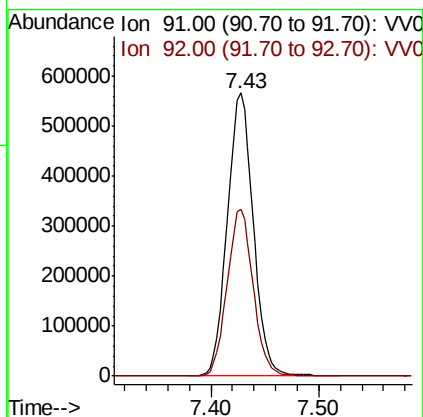
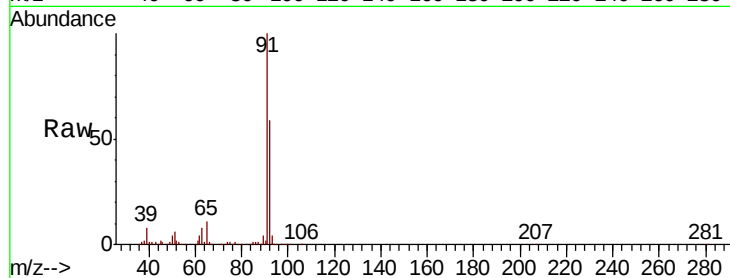
DBBS1MSD

Tot Ion: 91 Resp: 953623

Ion Ratio Lower Upper

91 100

92 59.1 41.4 77.0



#51

Chlorobenzene

Concen: 48.606 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.00 min

Lab File: VV013915.D

Acq: 05 Dec 2019 14:48

Tgt Ion: 112 Resp: 651189

Ion Ratio Lower Upper

112 100

114 31.9 23.2 43.2

77 55.3 45.0 67.4

