

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015251.D
 Acq On : 28 Mar 2020 17:17
 Operator : SY/MD
 Sample : L1975-11MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTH4MSD

Quant Time: Mar 30 03:47:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	606480	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	578822	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	243615	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127970	52.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.00%
7) Chloroethane-d5	1.58	69	128877	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.72%
11) 1,1-Dichloroethene-d2	2.12	63	313169	50.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.78%
21) 2-Butanone-d5	3.94	46	194862	66.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.85%
24) Chloroform-d	4.38	84	270602	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	5.06	65	179204	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.68%
32) Benzene-d6	5.08	84	502936	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
36) 1,2-Dichloropropane-d6	6.10	67	168195	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.12%
41) Toluene-d8	7.34	98	459050	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%
43) trans-1,3-Dichloropropene-	7.64	79	80682	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
47) 2-Hexanone-d5	8.12	63	153991	69.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	250758	37.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	178182	42.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.76%

Target Compounds

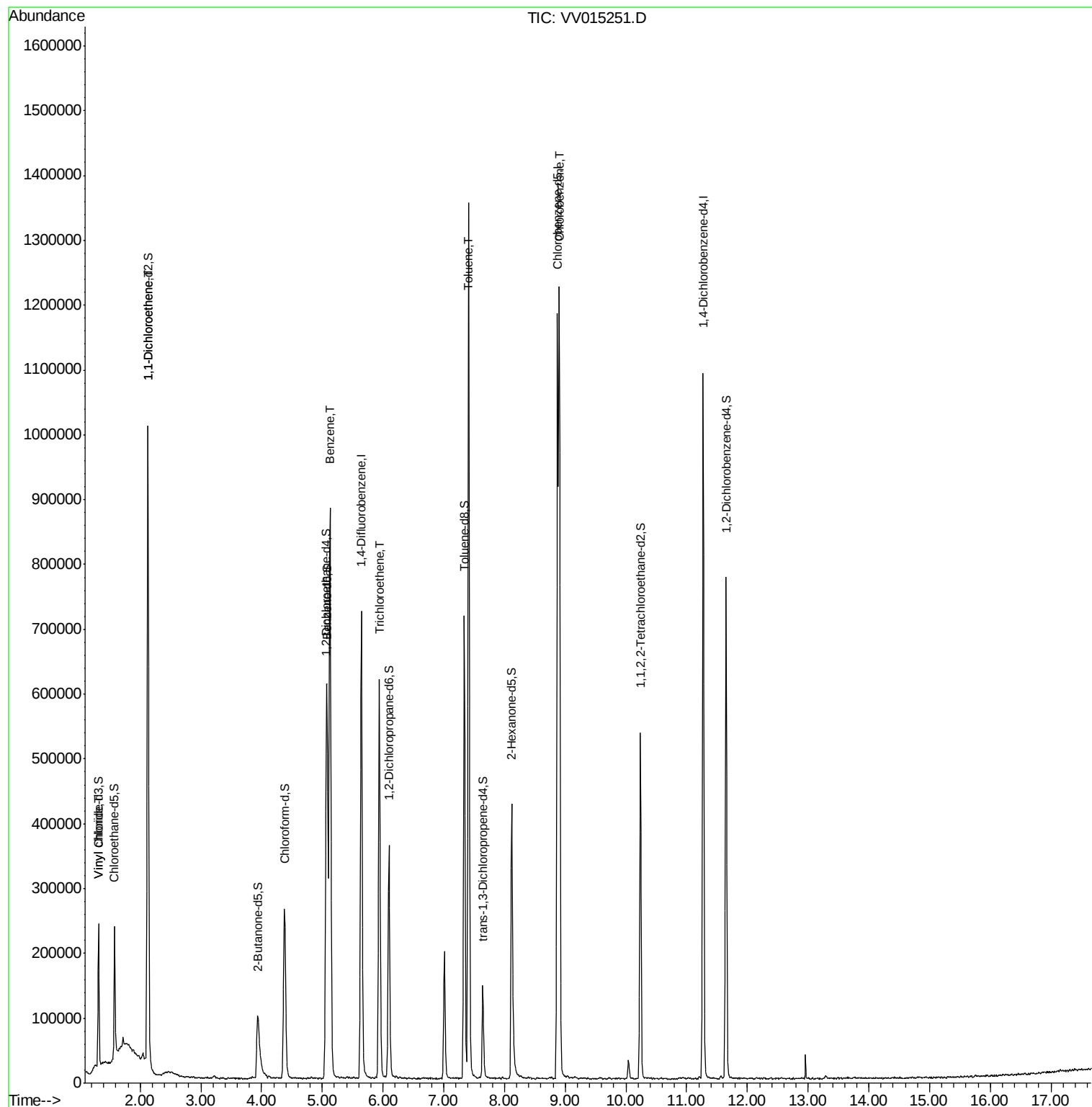
					Ovalue
5) Vinyl chloride	1.32	62	9645	1.787 ug/L	# 59
12) 1,1-Dichloroethene	2.13	96	223990	49.465 ug/L	98
33) Benzene	5.13	78	876899	54.040 ug/L	100
34) Trichloroethene	5.94	95	217001	49.921 ug/L	97
42) Toluene	7.41	91	969009	54.031 ug/L	99
51) Chlorobenzene	8.90	112	612522	52.450 ug/L	98

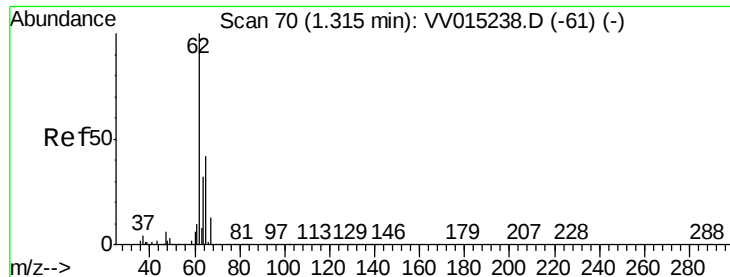
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.787 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015251.D

Acq: 28 Mar 2020 17:17

Instrument :

MSVOA_V

ClientSampleId :

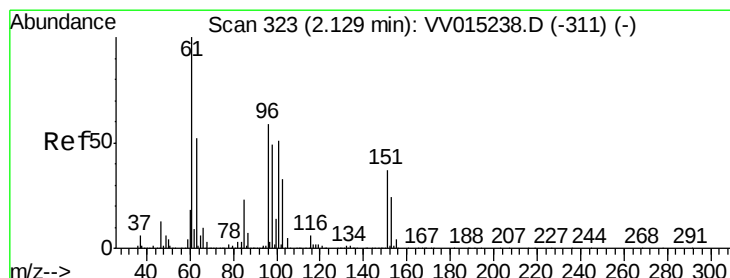
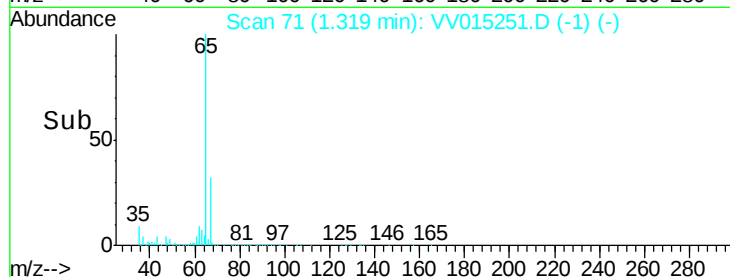
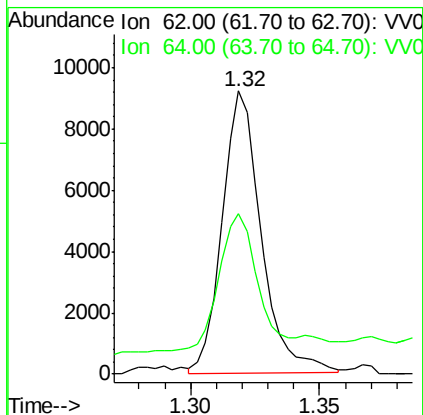
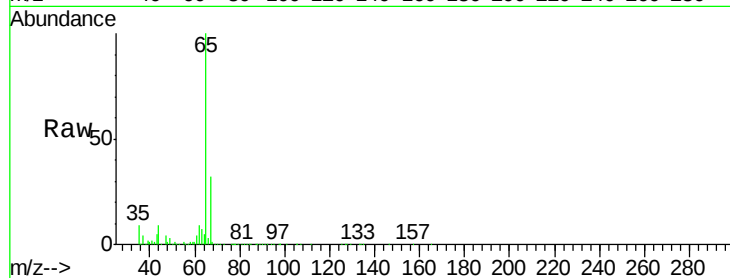
ETTH4MSD

Tot Ion: 62 Resp: 9645

Ion Ratio Lower Upper

62 100

64 56.9 23.5 43.7#



#12

1,1-Dichloroethene

Concen: 49.465 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015251.D

Acq: 28 Mar 2020 17:17

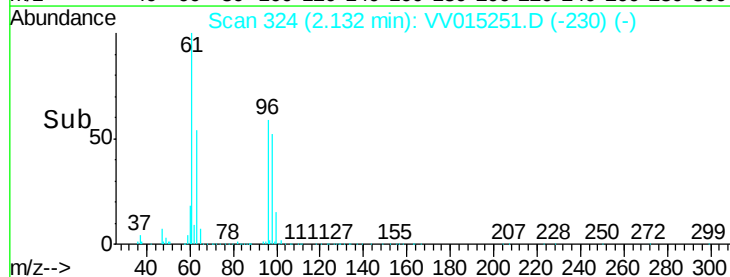
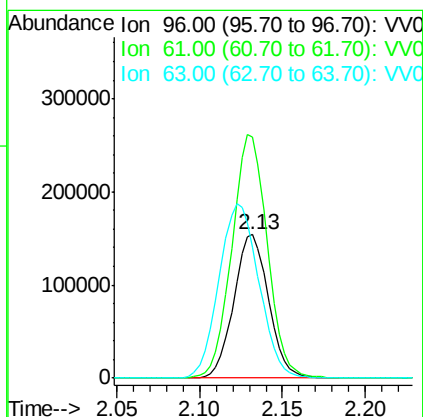
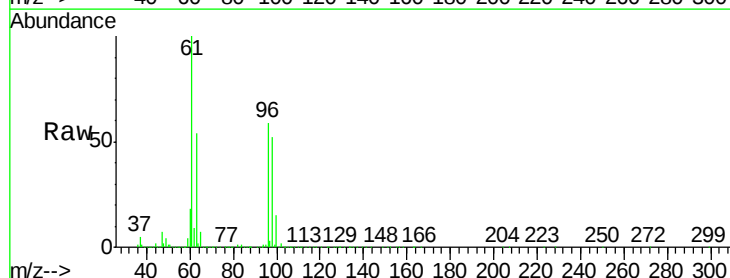
Tgt Ion: 96 Resp: 223990

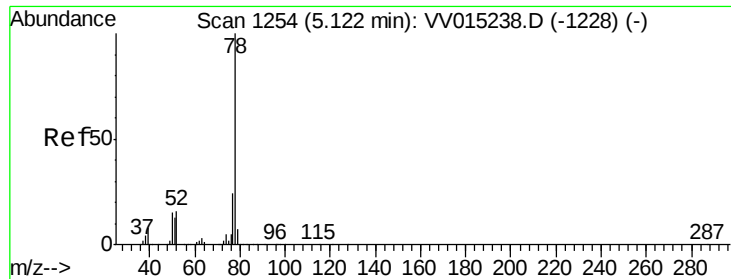
Ion Ratio Lower Upper

96 100

61 168.3 119.1 221.3

63 91.7 66.0 122.6





#33

Benzene

Concen: 54.040 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV015251.D

Acq: 28 Mar 2020 17:17

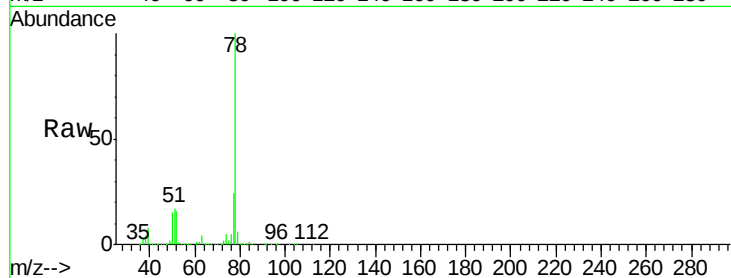
Instrument :

MSVOA_V

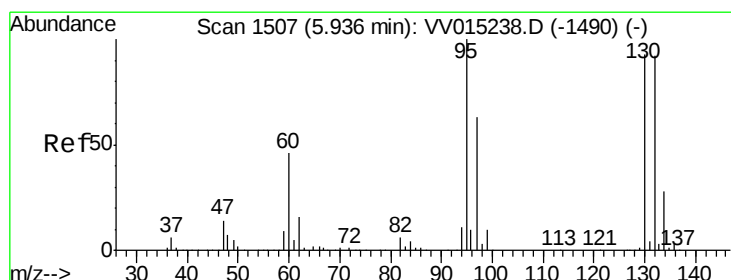
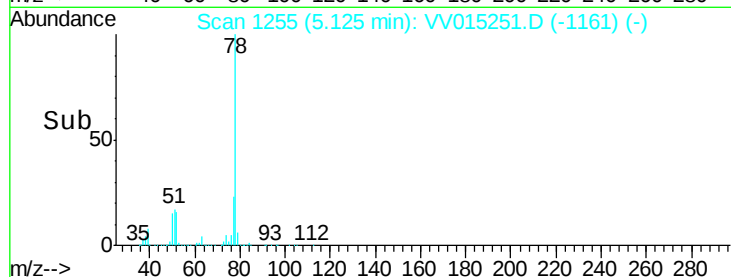
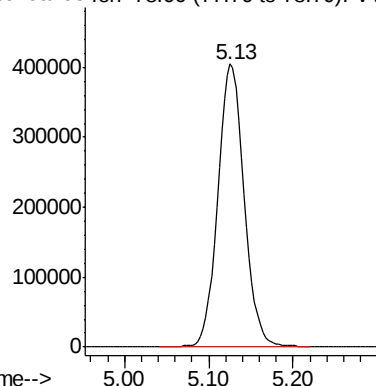
ClientSampleId :

ETTH4MSD

Tgt Ion: 78 Resp: 876899



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 49.921 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015251.D

Acq: 28 Mar 2020 17:17

Tgt Ion: 95 Resp: 217001

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.7	84.9
132	90.1	66.2	123.0
130	93.4	67.6	125.6

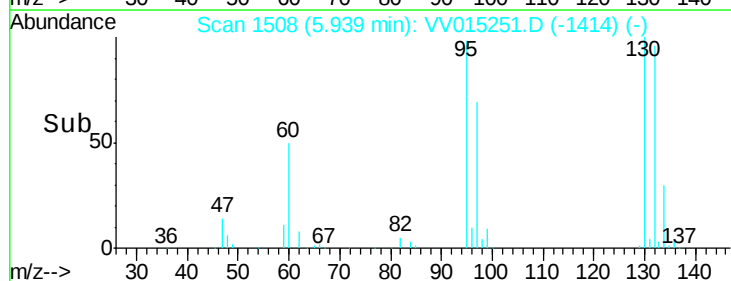
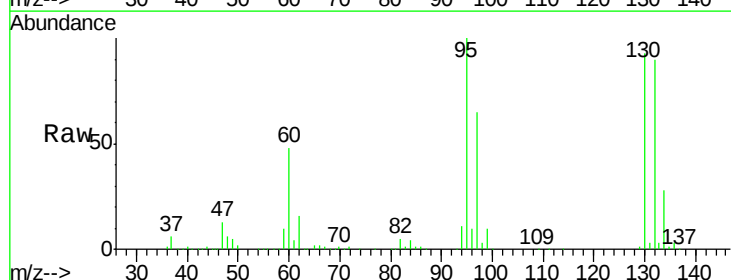
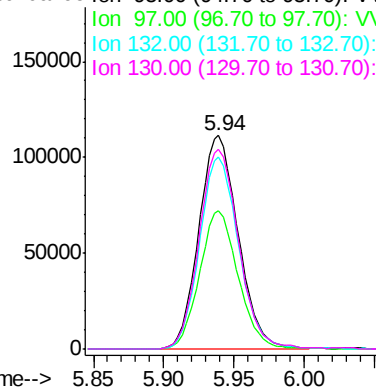
Ion 95.00 (94.70 to 95.70): VV0

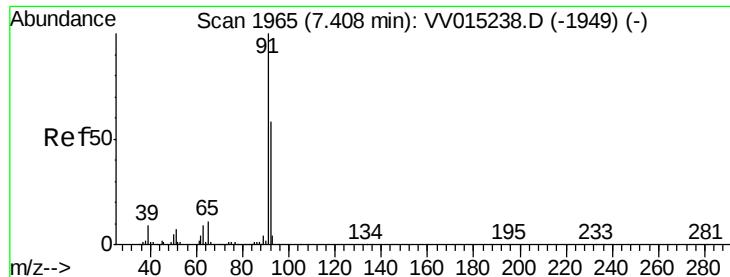
Ion 97.00 (96.70 to 97.70): VV0

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





#42

Toluene

Concen: 54.031 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV015251.D

Acq: 28 Mar 2020 17:17

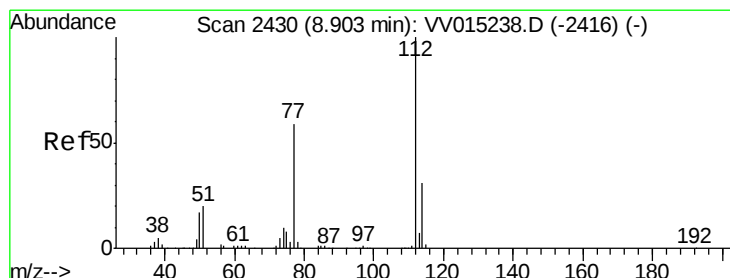
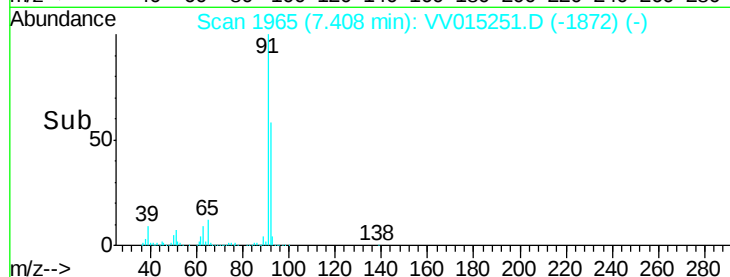
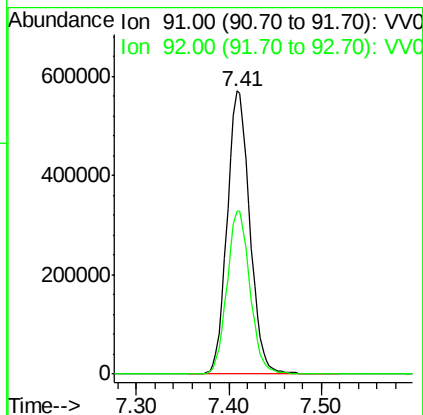
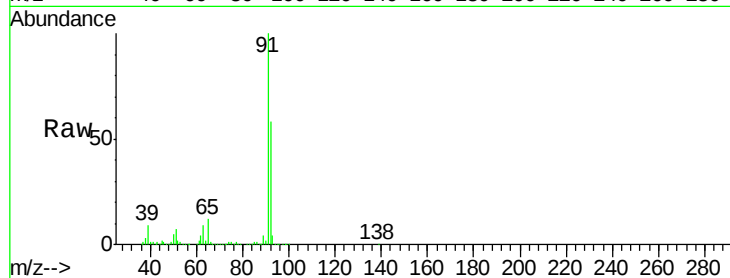
Instrument :
MSVOA_V
ClientSampleId :
ETTH4MSD

Tot Ion: 91 Resp: 969009

Ion Ratio Lower Upper

91 100

92 57.8 41.0 76.2



#51

Chlorobenzene

Concen: 52.450 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015251.D

Acq: 28 Mar 2020 17:17

Tgt Ion: 112 Resp: 612522

Ion Ratio Lower Upper

112 100

114 30.9 22.3 41.5

77 58.7 48.2 72.2

