

Data File : VV012899.D
Acq On : 18 Sep 2019 16:51
Operator : SY/MD
Sample : K4833-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOH0MSD

Quant Time: Sep 19 04:08:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	395496	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144548	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164760	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.58	69	149618	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	278358	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.01	46	354916	43.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.60%
24) Chloroform-d	4.40	84	293984	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	150856	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	604326	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	190572	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	493225	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	62902	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	263087	44.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131831	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	168363	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

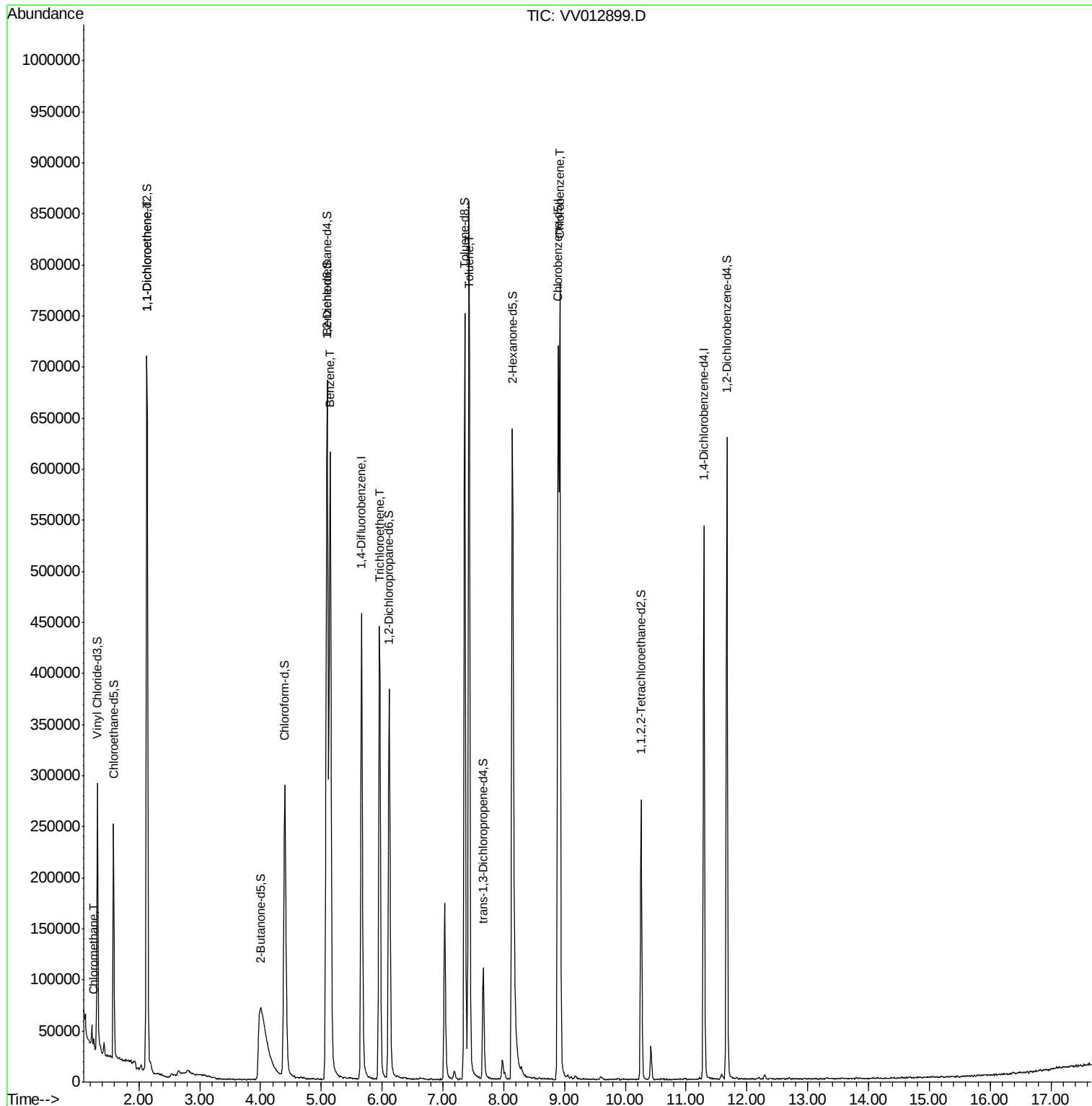
					Qvalue
3) Chloromethane	1.25	50	6722	0.244	ug/L 97
12) 1,1-Dichloroethene	2.14	96	133929	6.321	ug/L 86
33) Benzene	5.15	78	612920	6.147	ug/L 100
34) Trichloroethene	5.96	95	153384	5.972	ug/L 99
42) Toluene	7.43	91	616423	5.938	ug/L 99
51) Chlorobenzene	8.92	112	397142	5.575	ug/L 98

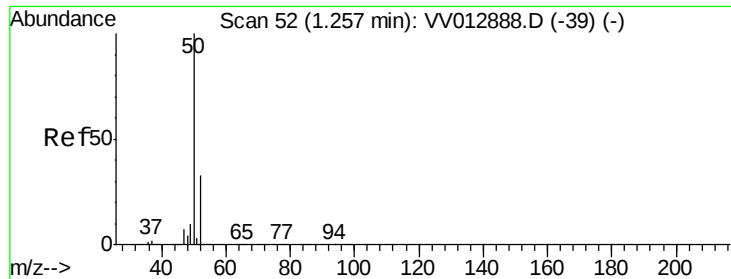
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.244 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Acq: 18 Sep 2019 16:51

Instrument :

MSVOA_V

ClientSampleId :

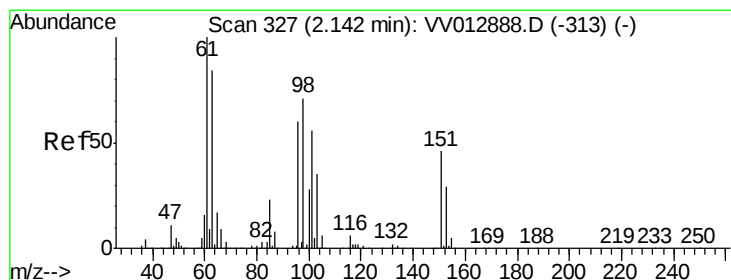
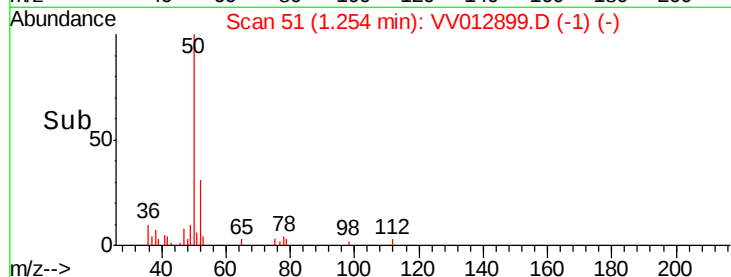
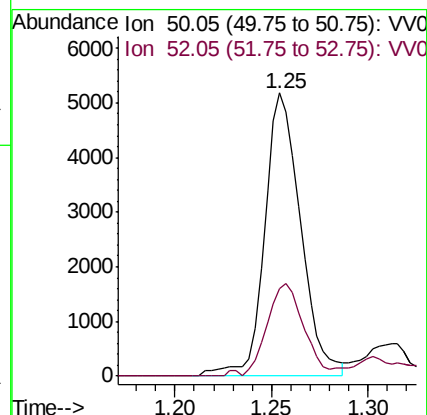
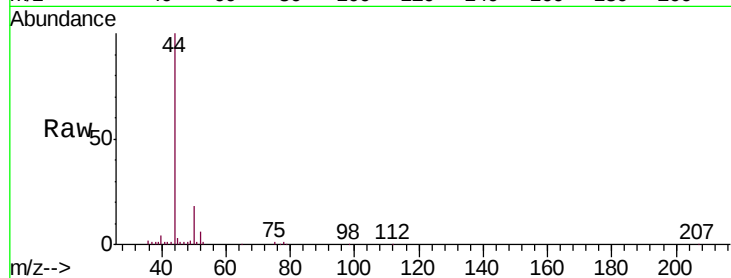
ETOH0MSD

Tgt Ion: 50 Resp: 6722

Ion Ratio Lower Upper

50 100

52 30.9 22.8 42.4



#12

1,1-Dichloroethene

Concen: 6.321 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

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Acq: 18 Sep 2019 16:51

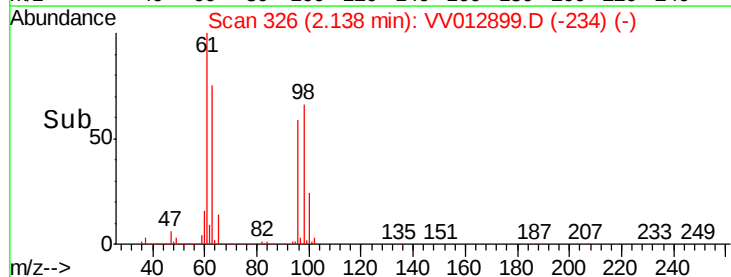
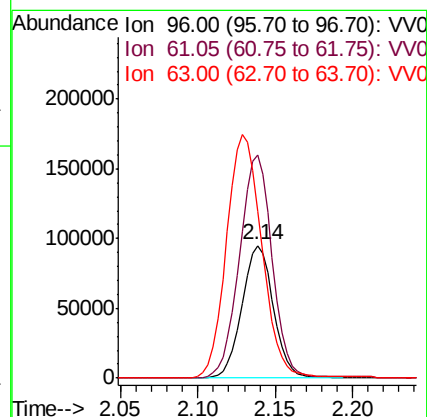
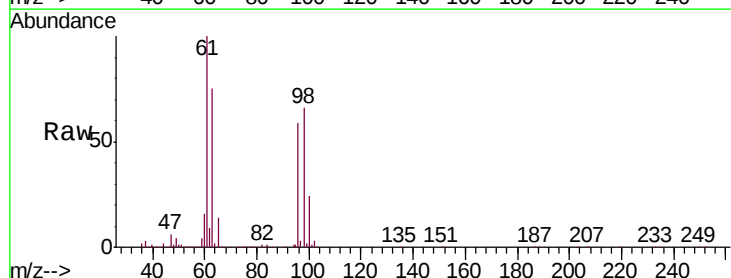
Tgt Ion: 96 Resp: 133929

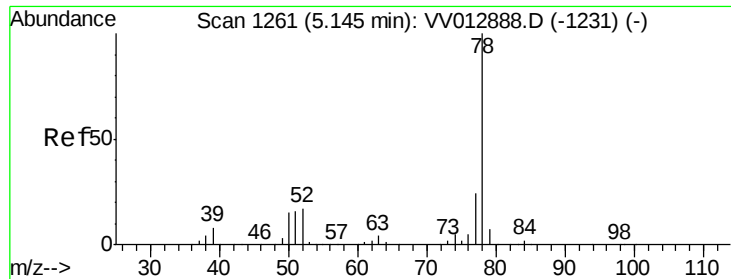
Ion Ratio Lower Upper

96 100

61 168.4 116.1 215.5

63 126.1 113.3 210.3





#33

Benzene

Concen: 6.147 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

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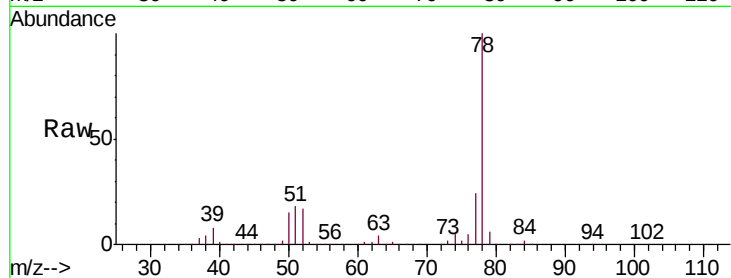
Instrument :

MSVOA_V

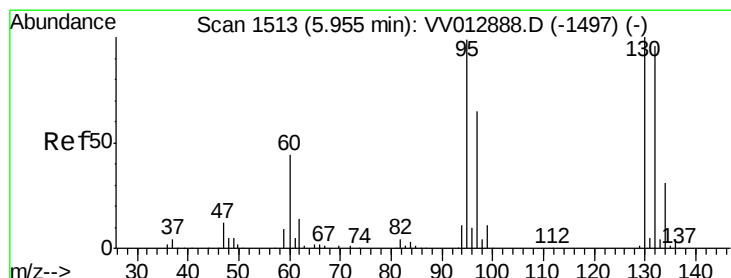
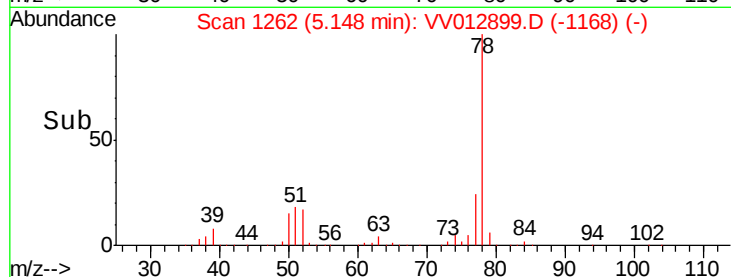
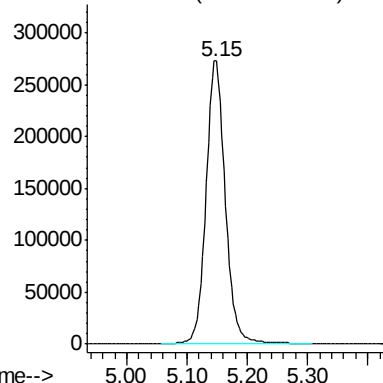
ClientSampleId :

ETOH0MSD

Tgt Ion: 78 Resp: 612920



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.972 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012899.D

Acq: 18 Sep 2019 16:51

Tgt Ion: 95 Resp: 153384

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.3	84.1
132	99.3	70.6	131.0
130	103.0	71.8	133.4

95 100

97 64.4 45.3 84.1

132 99.3 70.6 131.0

130 103.0 71.8 133.4

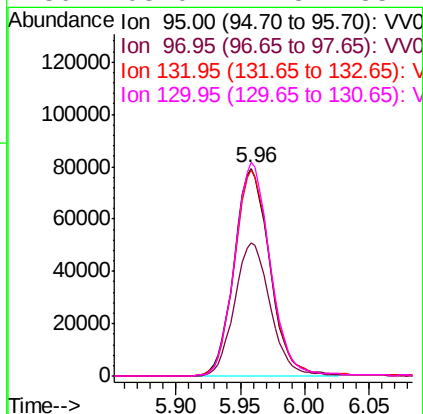
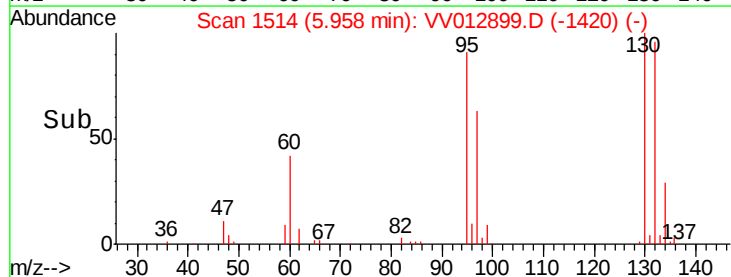
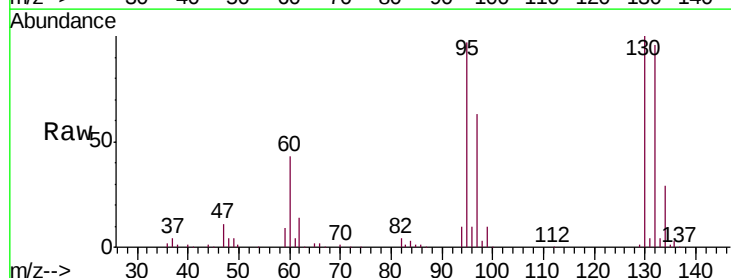
Abundance Ion 95.00 (94.70 to 95.70): VV0

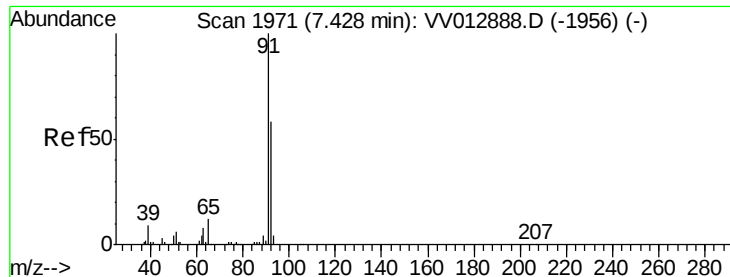
Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Time-->





#42

Toluene

Concen: 5.938 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

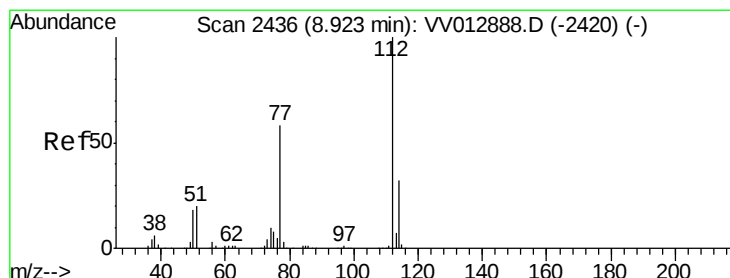
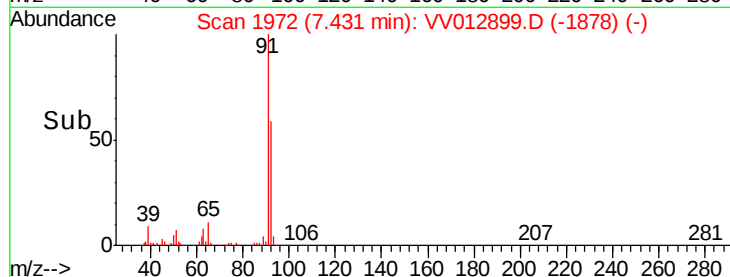
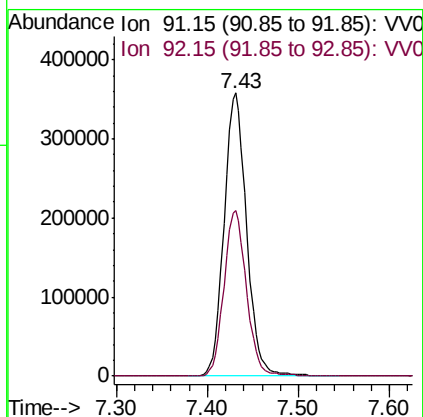
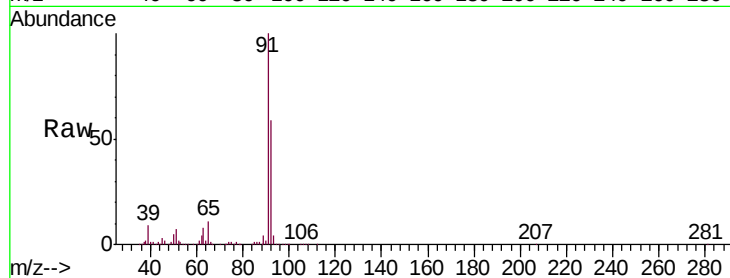
ETOH0MSD

Tgt Ion: 91 Resp: 616423

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#51

Chlorobenzene

Concen: 5.575 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV012899.D

Acq: 18 Sep 2019 16:51

Tgt Ion: 112 Resp: 397142

Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

77 59.3 45.8 68.8

