

Data File : VV012898.D
Acq On : 18 Sep 2019 16:25
Operator : SY/MD
Sample : K4833-03MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOH0MS

Quant Time: Sep 19 04:04:48 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	400574	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387795	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145555	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	165264	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	146756	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	275803	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.01	46	335101	40.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.72%
24) Chloroform-d	4.40	84	296210	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	153309	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	612933	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	191593	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	496718	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.66	79	65427	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.14	63	260967	44.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	133393	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	169123	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

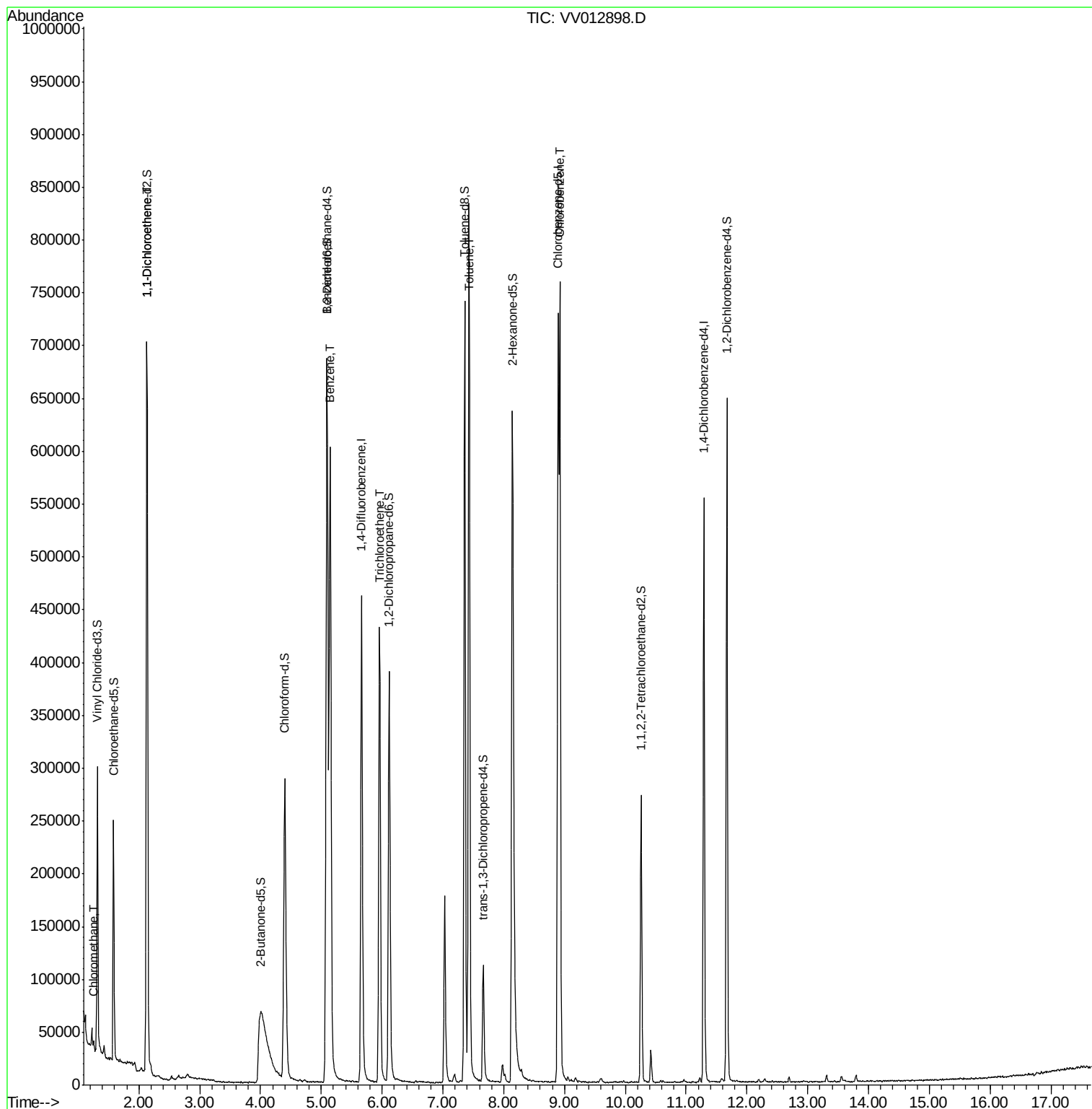
					Qvalue
3) Chloromethane	1.25	50	5575	0.200 ug/L	100
12) 1,1-Dichloroethene	2.14	96	130940	6.101 ug/L	87
33) Benzene	5.15	78	600528	5.968 ug/L	100
34) Trichloroethene	5.96	95	149927	5.785 ug/L	98
42) Toluene	7.43	91	607862	5.803 ug/L	99
51) Chlorobenzene	8.92	112	392383	5.458 ug/L	98

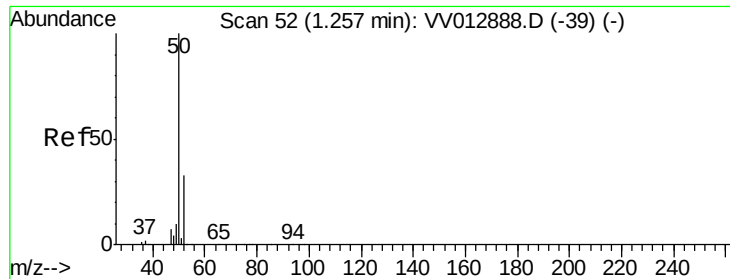
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.200 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Acq: 18 Sep 2019 16:25

Instrument :

MSVOA_V

ClientSampleId :

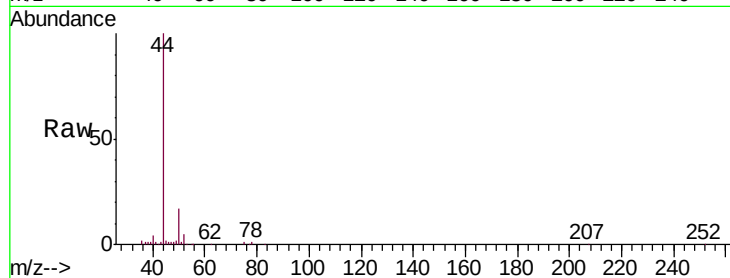
ETOH0MS

Tgt Ion: 50 Resp: 5575

Ion Ratio Lower Upper

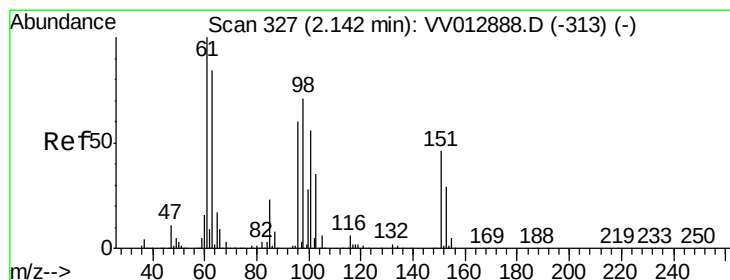
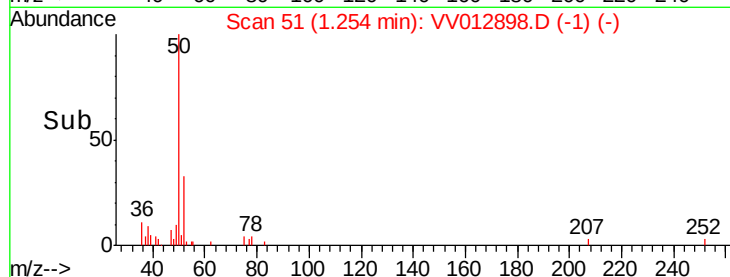
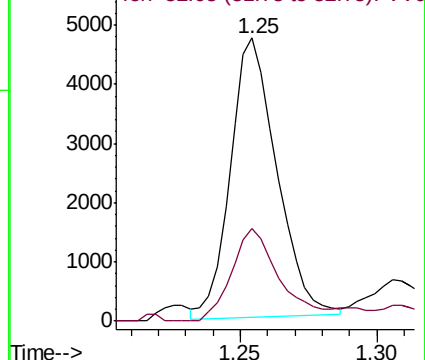
50 100

52 32.5 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 6.101 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV012898.D

Acq: 18 Sep 2019 16:25

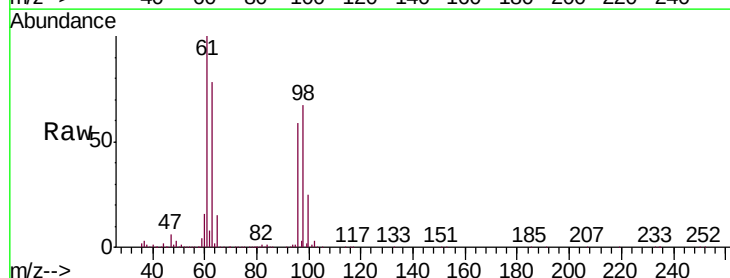
Tgt Ion: 96 Resp: 130940

Ion Ratio Lower Upper

96 100

61 168.1 116.1 215.5

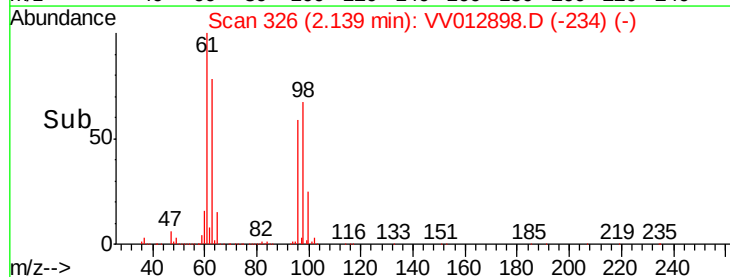
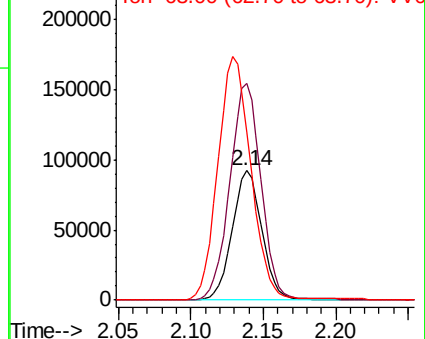
63 130.4 113.3 210.3

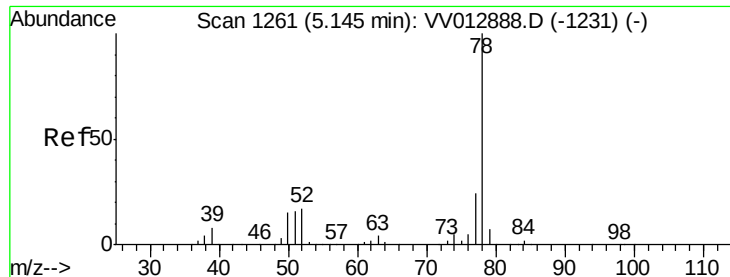


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#33

Benzene

Concen: 5.968 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

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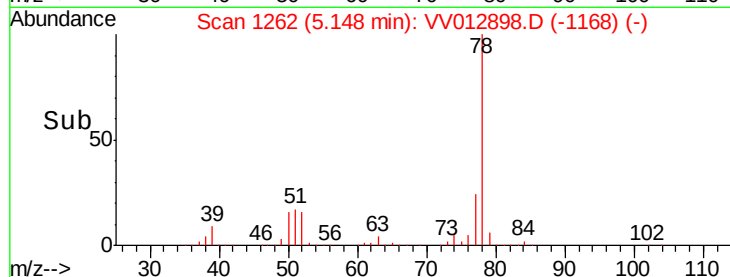
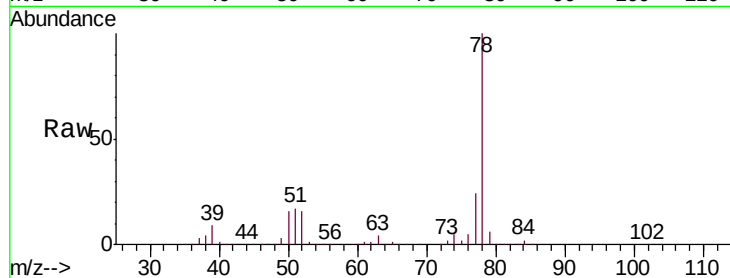
Instrument :

MSVOA_V

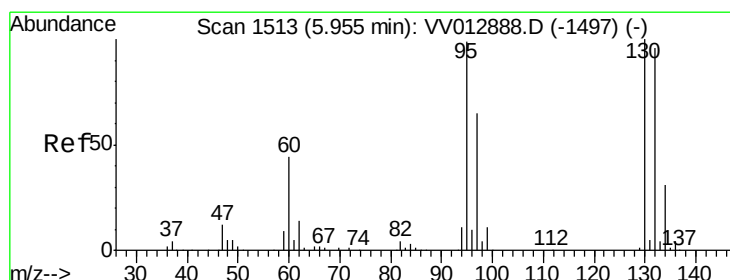
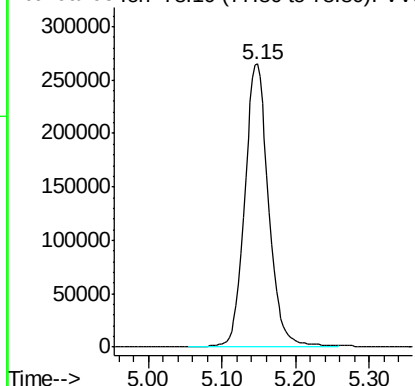
ClientSampleId :

ETOH0MS

Tgt Ion: 78 Resp: 600528



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.785 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012898.D

Acq: 18 Sep 2019 16:25

Tgt Ion: 95 Resp: 149927

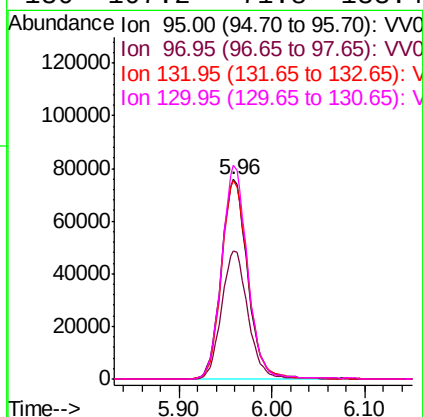
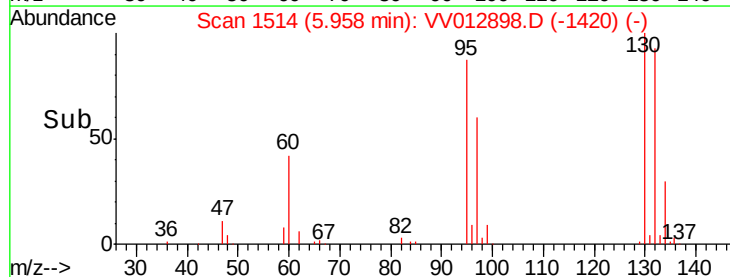
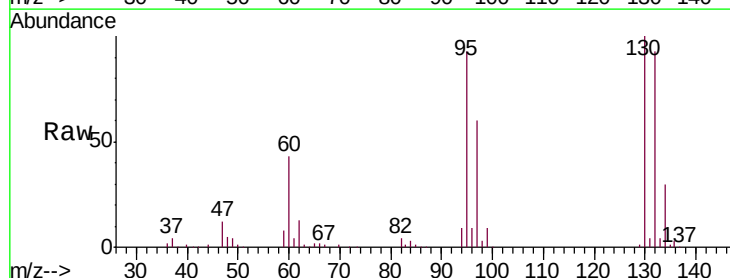
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.3	84.1
132	99.4	70.6	131.0
130	107.2	71.8	133.4

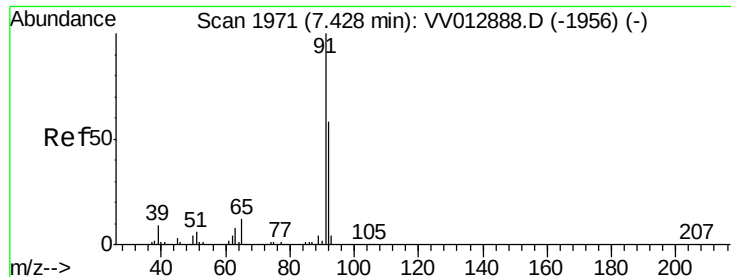
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#42

Toluene

Concen: 5.803 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012898.D

Acq: 18 Sep 2019 16:25

Instrument :

MSVOA_V

ClientSampleId :

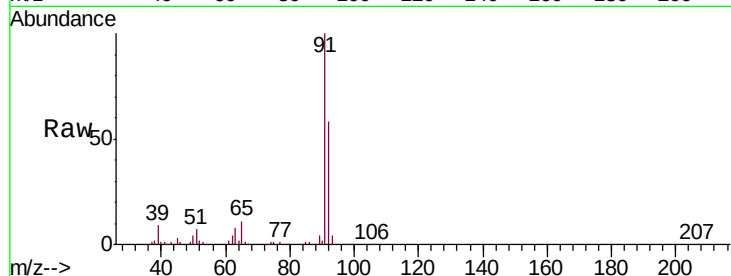
ETOH0MS

Tgt Ion: 91 Resp: 607862

Ion Ratio Lower Upper

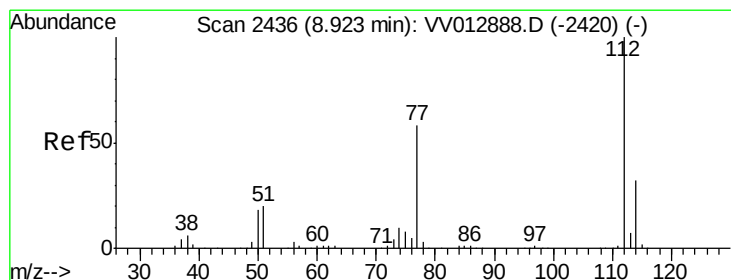
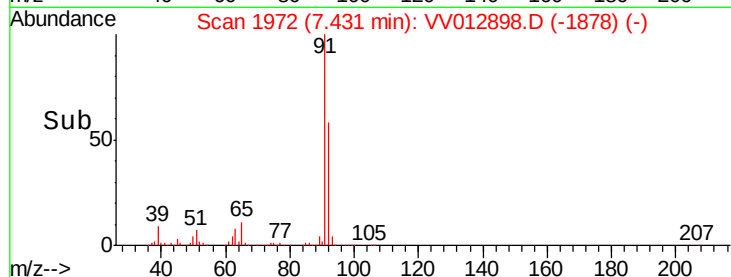
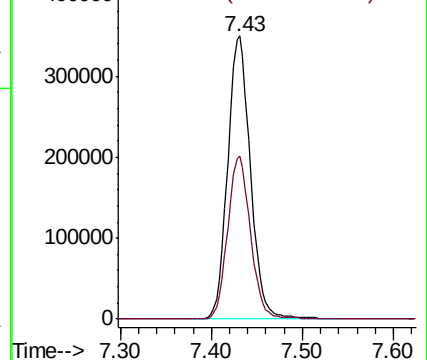
91 100

92 57.6 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#51

Chlorobenzene

Concen: 5.458 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV012898.D

Acq: 18 Sep 2019 16:25

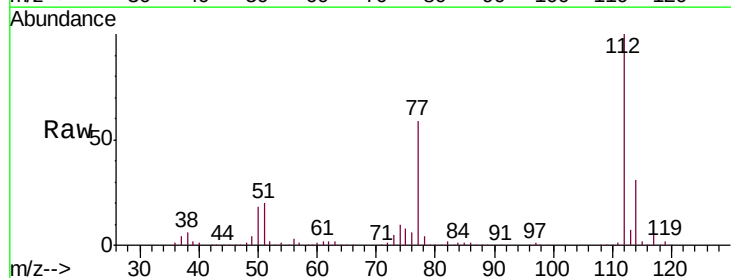
Tgt Ion: 112 Resp: 392383

Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.5

77 59.0 45.8 68.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

