

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\
 Data File : VV012226.D
 Acq On : 13 Aug 2019 20:30
 Operator : SY/MD
 Sample : K4337-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD0

Quant Time: Aug 14 04:14:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 14 02:48:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	207345	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	208111	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58504	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	47897	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	73220	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	38348	13.90	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	27.80%#
24) Chloroform-d	4.40	84	106694	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.08	65	58244	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	234953	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	71269	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	199981	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.66	79	23906	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.13	63	72571	38.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51501	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	73102	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

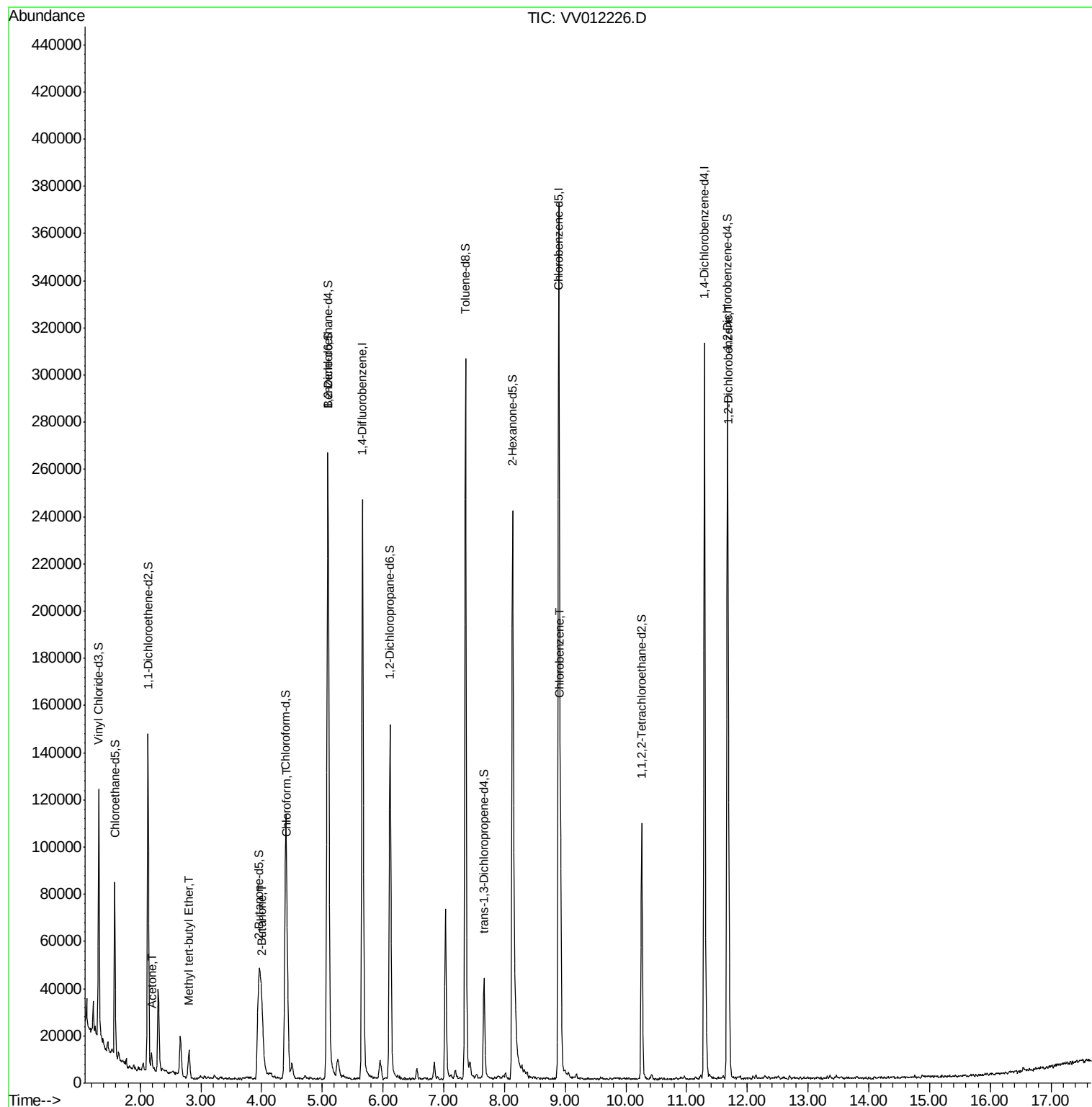
					Qvalue
13) Acetone	2.18	43	4488	2.610 ug/L	88
17) Methyl tert-butyl Ether	2.80	73	10826	0.360 ug/L #	89
21) 2-Butanone	4.01	43	34937	9.938 ug/L #	70
25) Chloroform	4.42	83	26843	0.887 ug/L	98
51) Chlorobenzene	8.92	112	48776	1.128 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	40077	1.548 ug/L	99

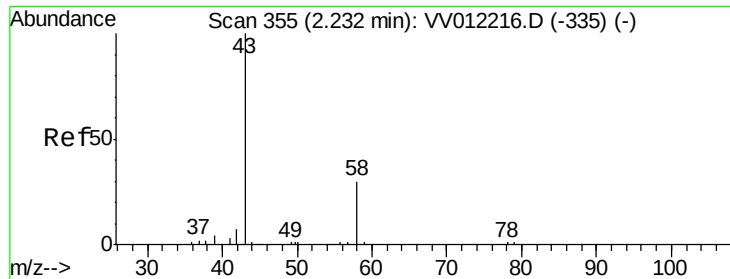
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.610 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV012226.D

Acq: 13 Aug 2019 20:30

Instrument :

MSVOA_V

ClientSampleId :

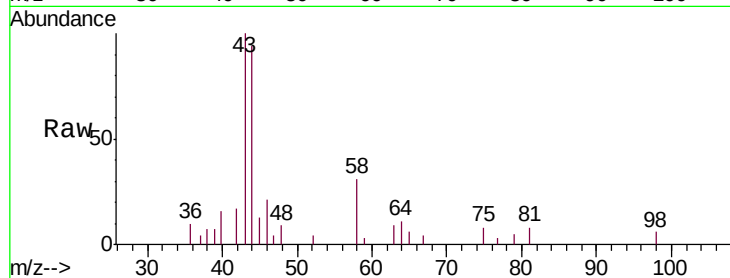
C0AD0

Tgt Ion: 43 Resp: 4488

Ion Ratio Lower Upper

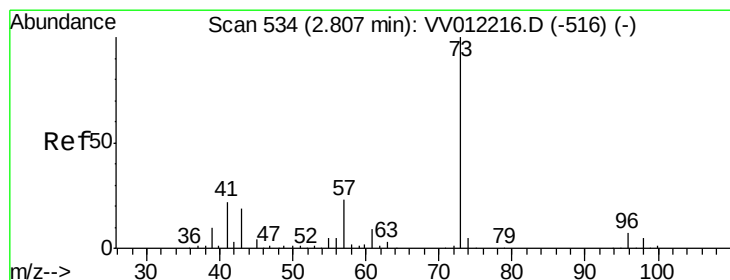
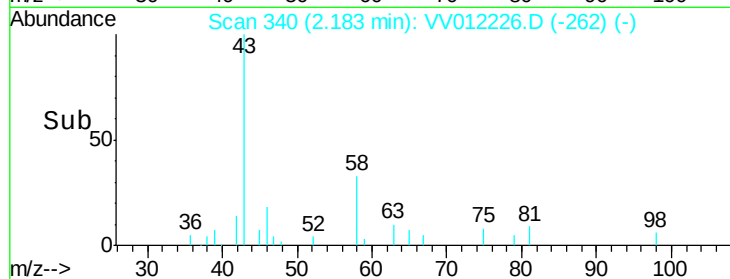
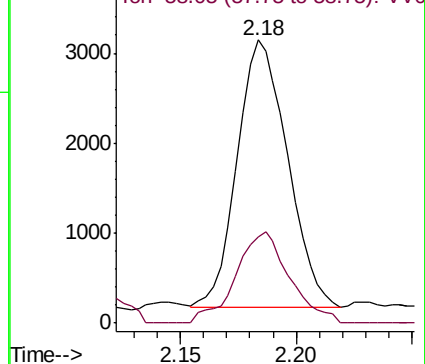
43 100

58 36.4 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#17

Methyl tert-butyl Ether

Concen: 0.360 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV012226.D

Acq: 13 Aug 2019 20:30

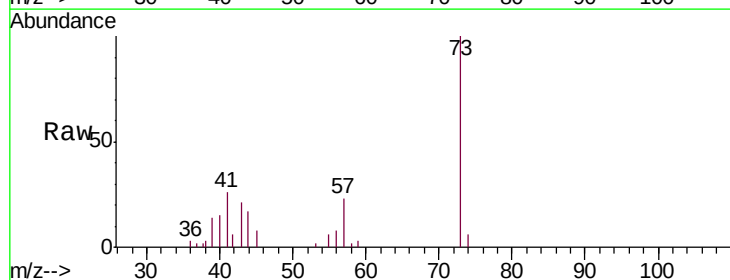
Tgt Ion: 73 Resp: 10826

Ion Ratio Lower Upper

73 100

43 25.1 15.4 23.0#

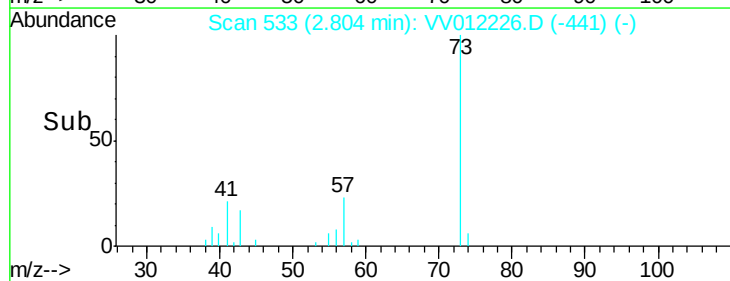
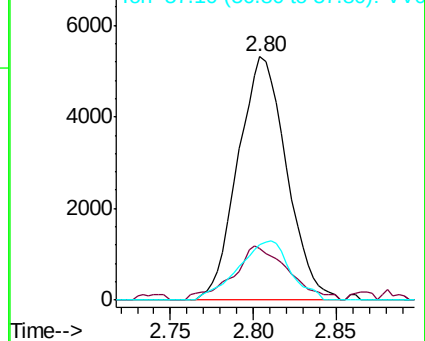
57 26.2 17.8 26.6

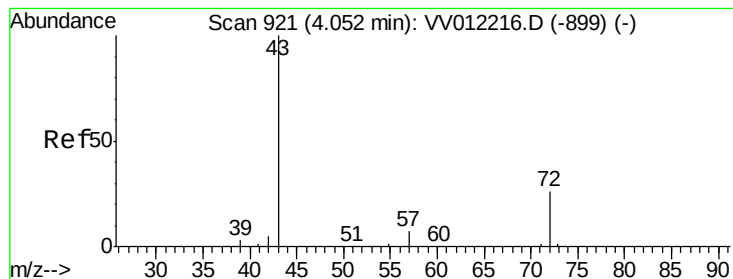


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0





#21

2-Butanone

Concen: 9.938 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.04 min

Lab File: VV012226.D

Acq: 13 Aug 2019 20:30

Instrument :

MSVOA_V

ClientSampled :

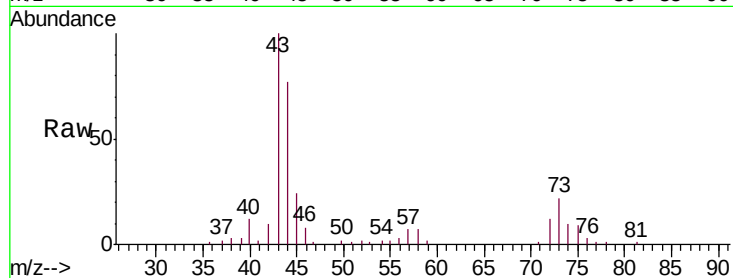
C0AD0

Tgt Ion: 43 Resp: 34937

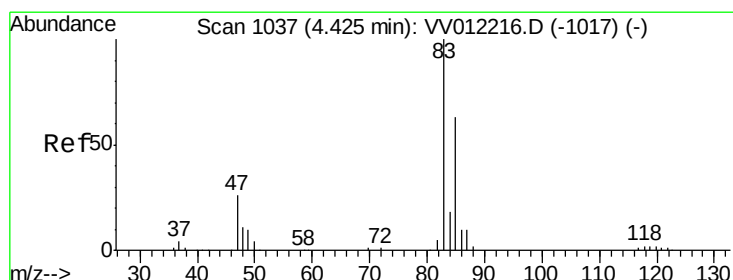
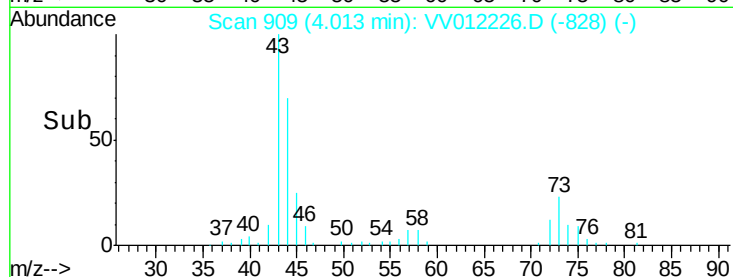
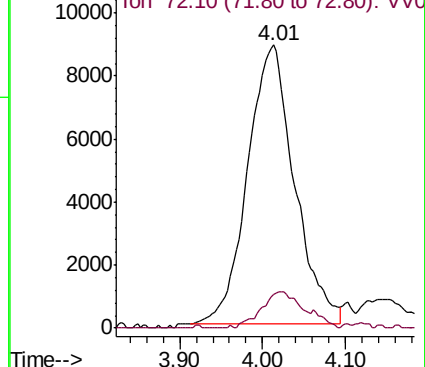
Ion Ratio Lower Upper

43 100

72 10.6 12.9 38.7#



Abundance Ion 43.05 (42.75 to 43.75): VV012226.D (-899) (-)



#25

Chloroform

Concen: 0.887 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV012226.D

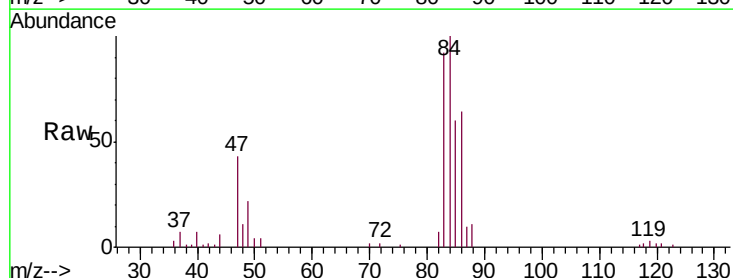
Acq: 13 Aug 2019 20:30

Tgt Ion: 83 Resp: 26843

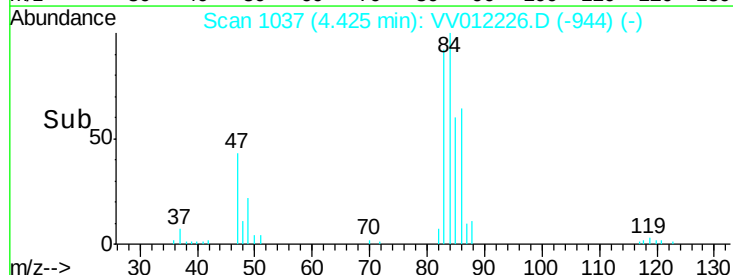
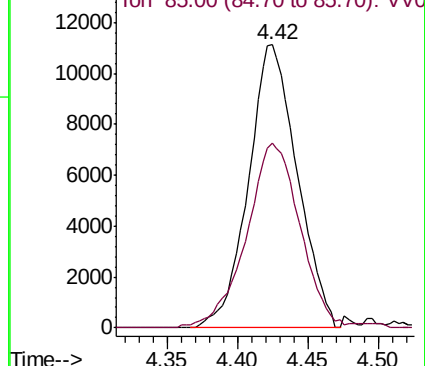
Ion Ratio Lower Upper

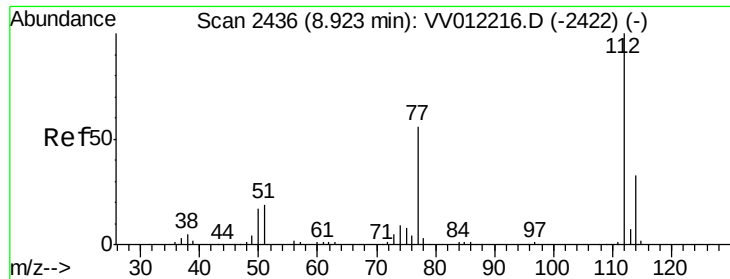
83 100

85 65.1 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV012226.D (-1017) (-)

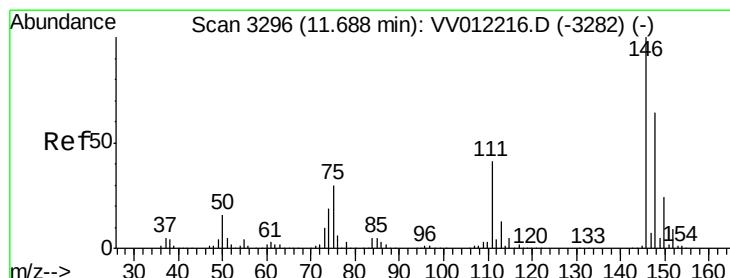
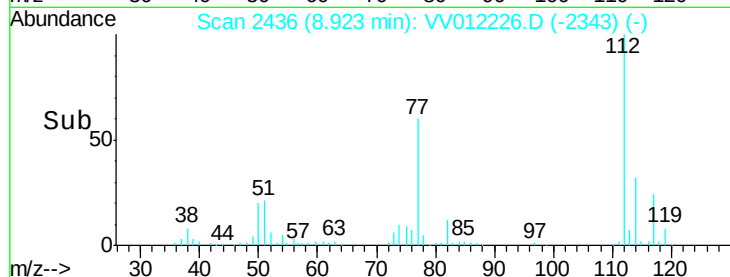
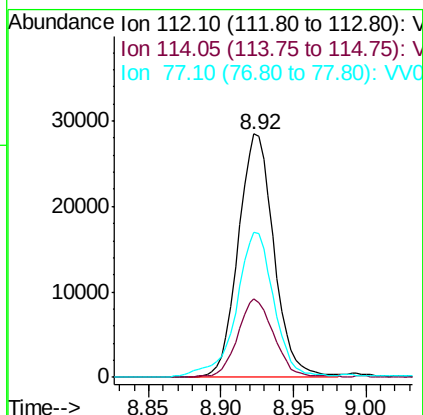
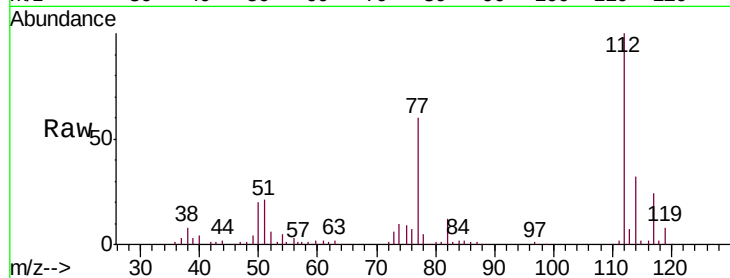




#51
Chlorobenzene
Concen: 1.128 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV012226.D
Acq: 13 Aug 2019 20:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD0

Tgt Ion:	112	Resp:	48776
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.8	42.4
77	59.8	45.4	68.2



#65
1,2-Dichlorobenzene
Concen: 1.548 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. -0.00 min
Lab File: VV012226.D
Acq: 13 Aug 2019 20:30

Tgt Ion:	146	Resp:	40077
Ion	Ratio	Lower	Upper
146	100		
111	42.7	33.0	49.4
148	64.2	51.1	76.7

