

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037162.D
 Acq On : 11 Mar 2020 13:23
 Operator : JC/MD
 Sample : L1883-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CON83

Manual Integrations
 APPROVED

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 3/13/2020 3:37:10 PM

Quant Time: Mar 12 02:10:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	144579	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	143830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36319	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.93	69	30392	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	60497	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.69	46	103771	42.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.46%
24) Chloroform-d	5.11	84	80309	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.74	65	46763	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.76	84	145315	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.72	67	47068	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.93	98	129224	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.21	79	18291	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.67	63	74848	38.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.90%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	36643	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46328	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

					Ovalue
13) Acetone	2.68	43	9857m	4.953	ug/L
42) Toluene	8.00	91	13416	0.294	ug/L
53) m,p-Xylene	9.72	106	1914	0.105	ug/L
55) Styrene	10.14	104	10514	0.362	ug/L

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

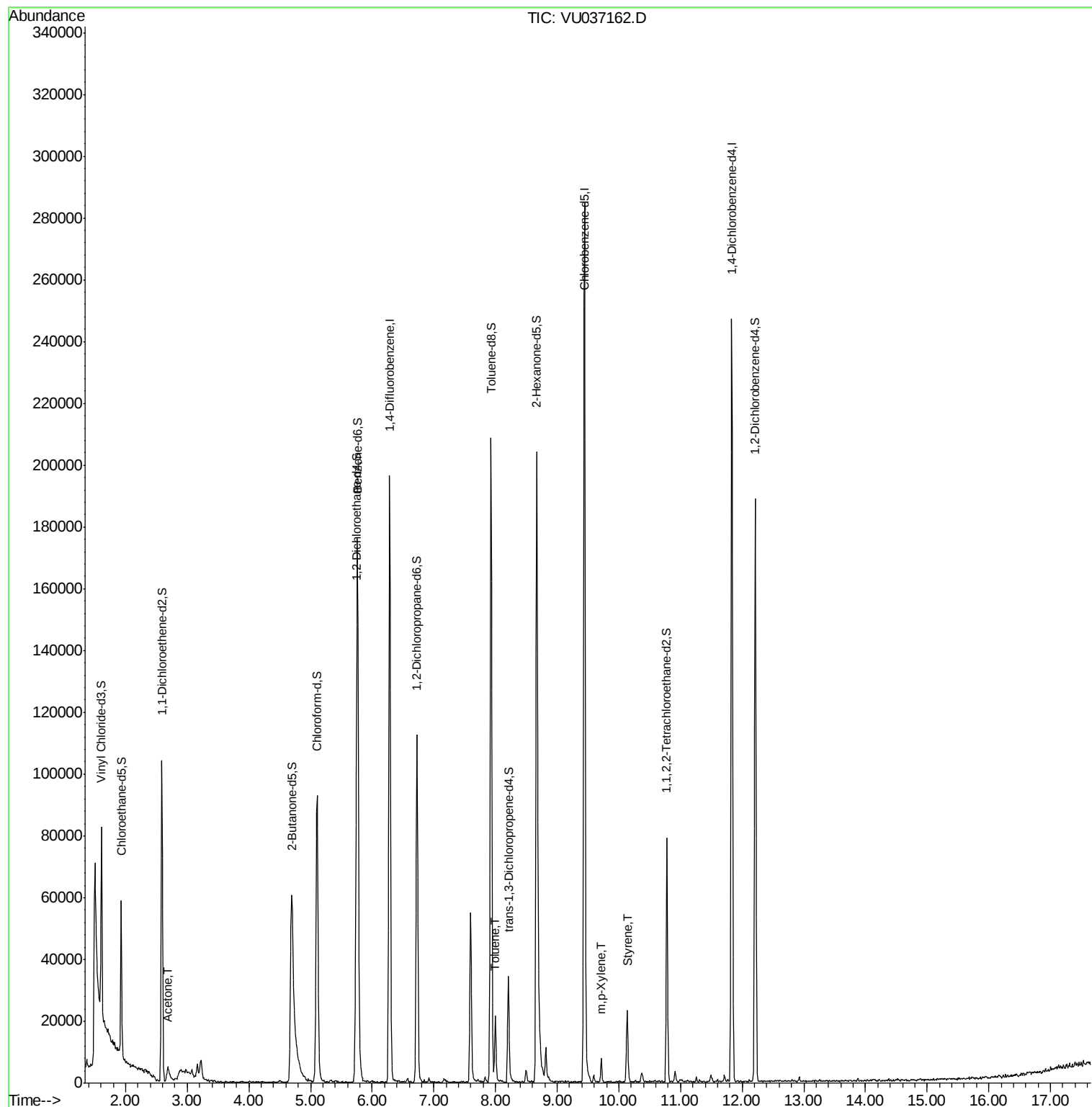
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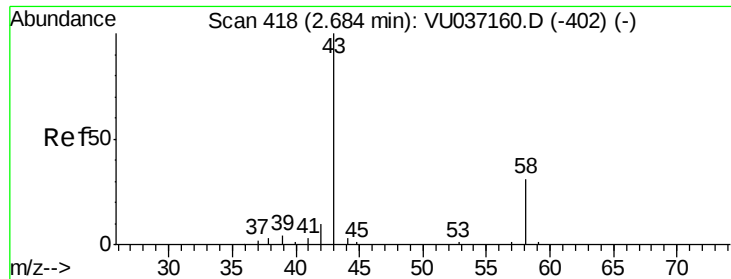
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QLast Update : Thu Mar 12 01:55:55 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.953 ug/L m

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU037162.D

Acq: 11 Mar 2020 13:23

Instrument :

MSVOA_U

ClientSampleId :

C0N83

Tot Ion: 43 Resp: 9857

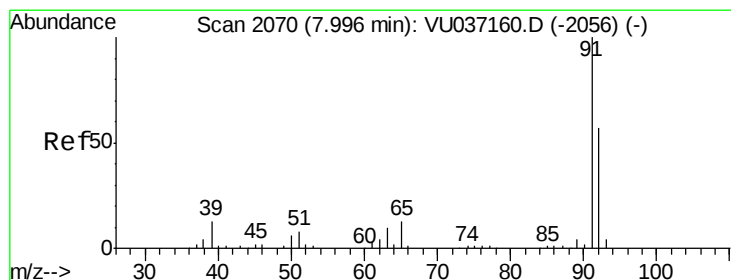
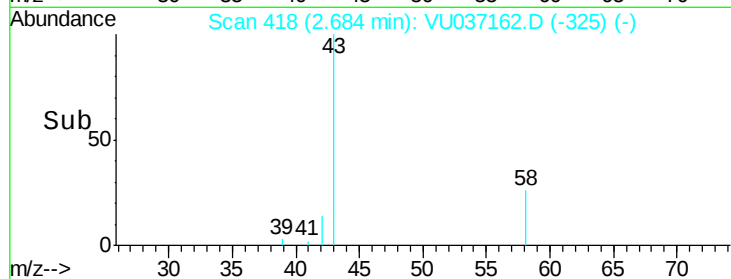
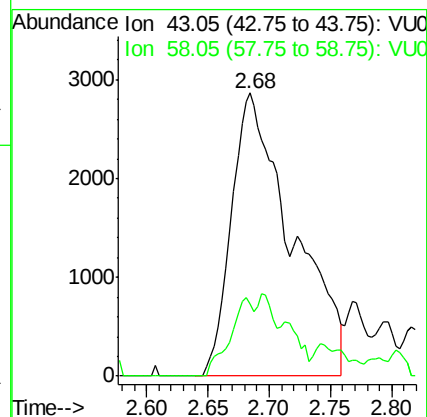
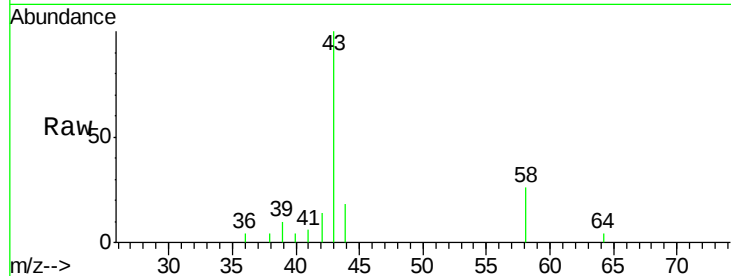
Ion Ratio Lower Upper

43 100

58 10.7 0.0 52.2

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#42

Toluene

Concen: 0.294 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037162.D

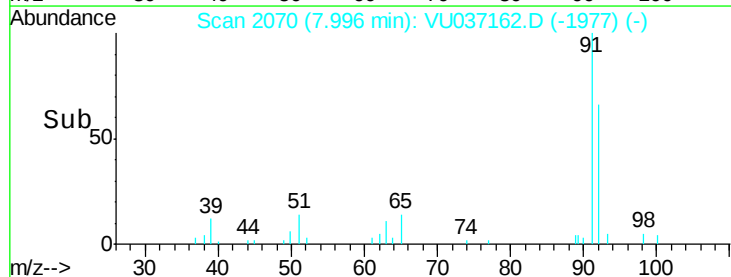
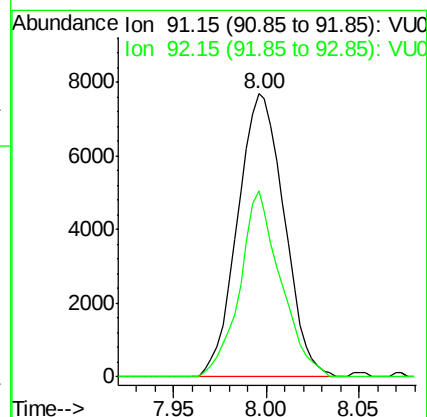
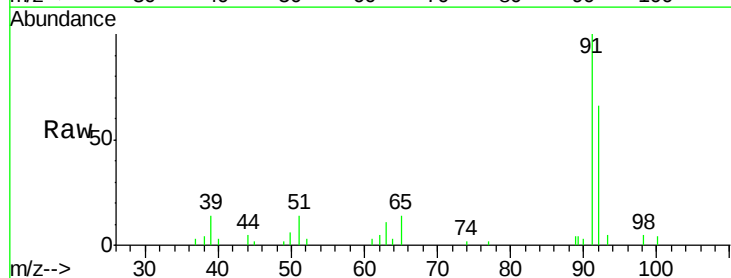
Acq: 11 Mar 2020 13:23

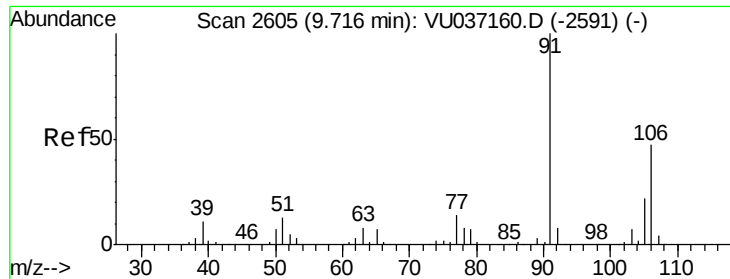
Tgt Ion: 91 Resp: 13416

Ion Ratio Lower Upper

91 100

92 65.7 41.0 76.2





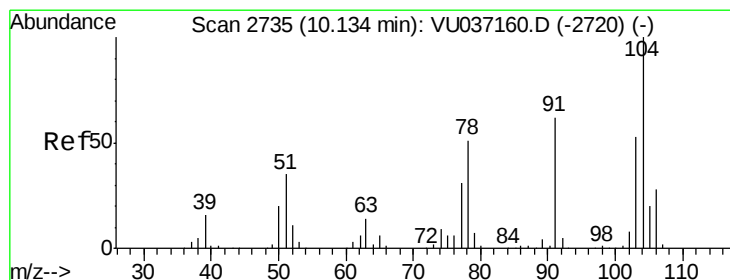
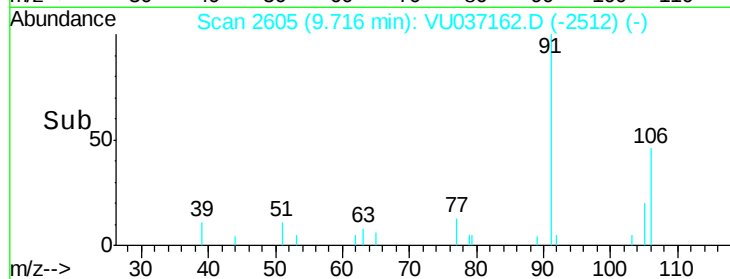
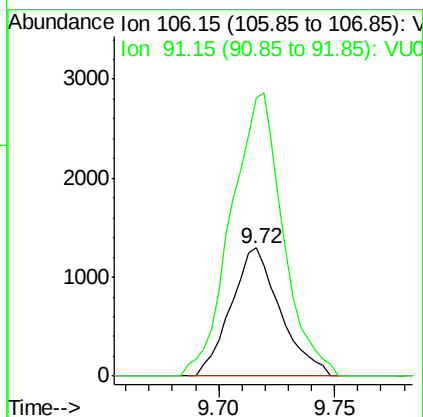
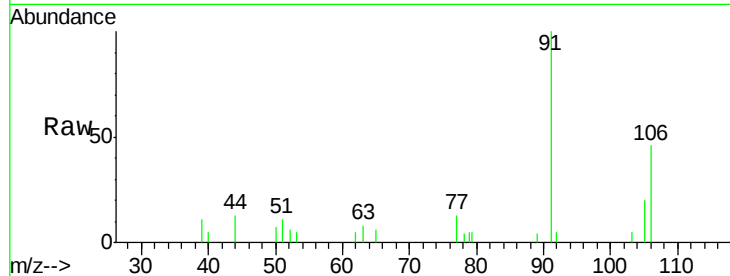
#53
m,p-Xylene
Concen: 0.105 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037162.D
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Instrument :
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CON83

Tot Ion:106 Resp: 1914
Ion Ratio Lower Upper
106 100
91 217.0 150.4 279.4

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#55
Styrene
Concen: 0.362 ug/L
RT: 10.14 min Scan# 2736
Delta R.T. 0.00 min
Lab File: VU037162.D
Acq: 11 Mar 2020 13:23

Tgt Ion:104 Resp: 10514
Ion Ratio Lower Upper
104 100
78 50.0 36.2 67.2

