

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\
 Data File : VU029622.D
 Acq On : 22 Feb 2019 15:45
 Operator : JC/SP
 Sample : K1581-07MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 2

Instrument :
 MSVOA_U
 ClientSampleId :
 DB617MSD

Quant Time: Feb 22 23:07:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 22 22:13:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460711	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225990	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134141	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.36%
7) Chloroethane-d5	1.68	69	124506	40.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.82%
11) 1,1-Dichloroethene-d2	2.27	63	214086	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.98%
21) 2-Butanone-d5	4.17	46	213800	102.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	4.65	84	260267	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
26) 1,2-Dichloroethane-d4	5.31	65	167142	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
32) Benzene-d6	5.34	84	541420	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.33	67	170293	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.66%
41) Toluene-d8	7.56	98	512367	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.85	79	80696	43.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.24%
47) 2-Hexanone-d5	8.31	63	179953	92.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263896	44.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	222934	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%

Target Compounds

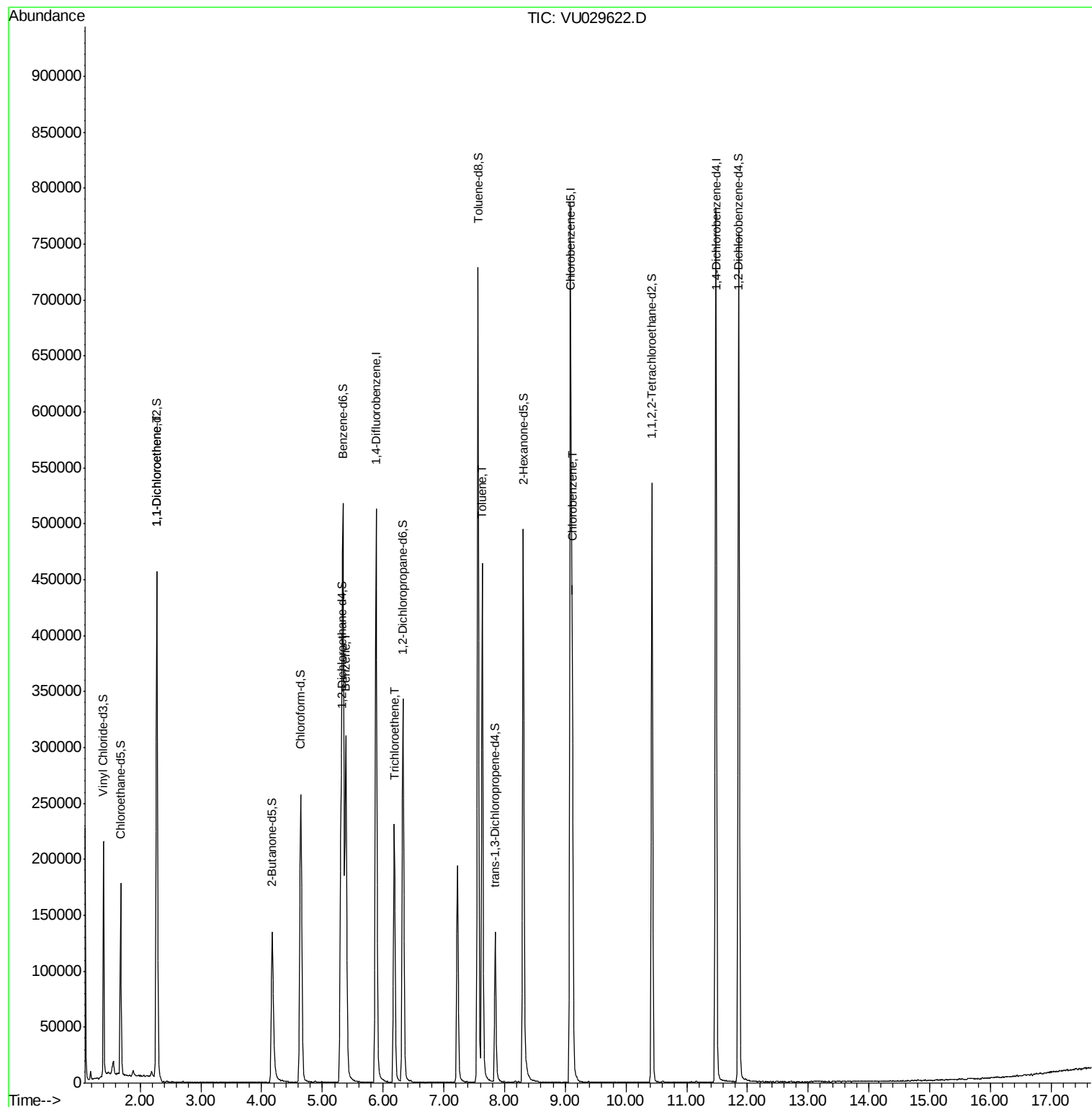
					Ovalue
12) 1,1-Dichloroethene	2.28	96	71523	46.232 ug/L	93
33) Benzene	5.39	78	314948	53.327 ug/L	100
34) Trichloroethene	6.18	95	81801	51.415 ug/L	98
42) Toluene	7.63	91	354290	50.726 ug/L	99
51) Chlorobenzene	9.12	112	237764	49.599 ug/L	100

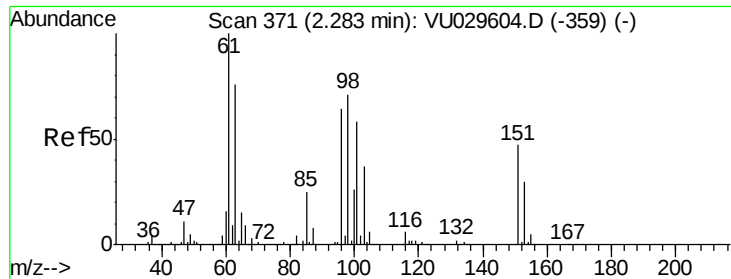
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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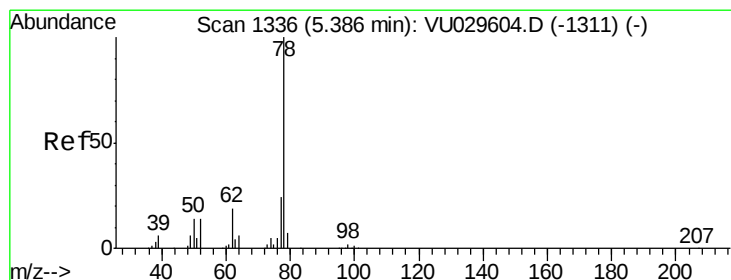
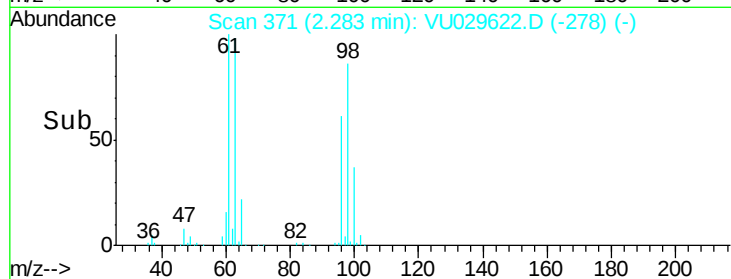
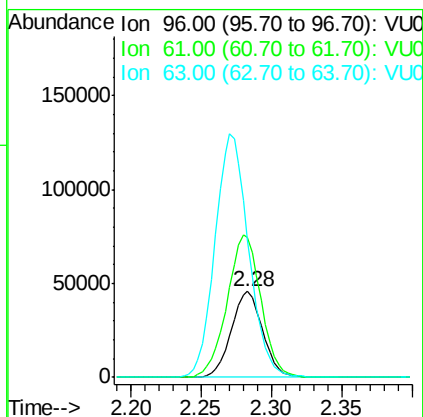
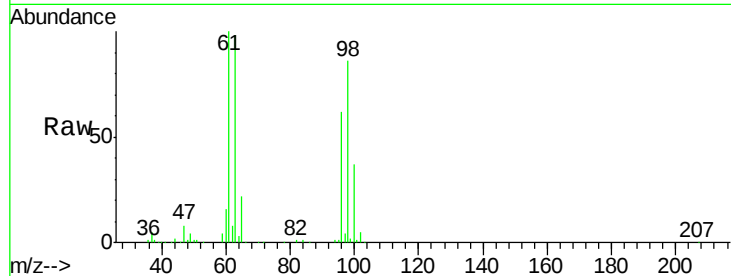




#12
 1,1-Dichloroethene
 Concen: 46.232 ug/L
 RT: 2.28 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VU029622.D
 Acq: 22 Feb 2019 15:45

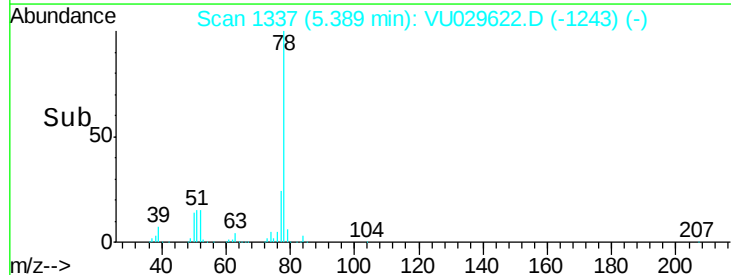
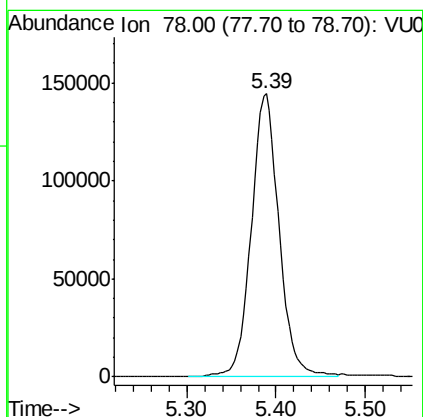
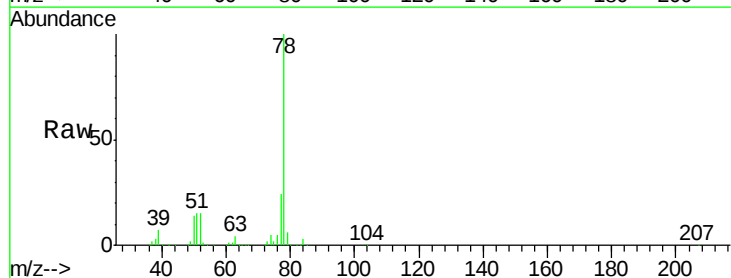
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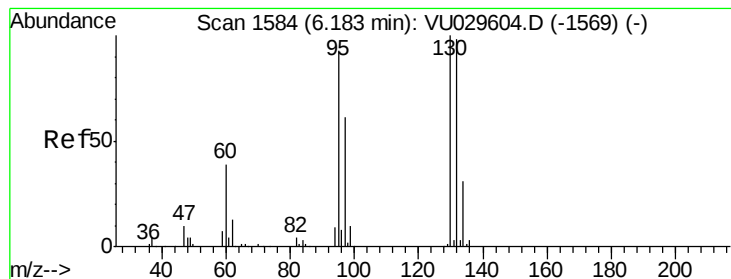
Tot Ion: 96 Resp: 71523
 Ion Ratio Lower Upper
 96 100
 61 162.5 114.0 211.8
 63 159.6 98.7 183.3



#33
 Benzene
 Concen: 53.327 ug/L
 RT: 5.39 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU029622.D
 Acq: 22 Feb 2019 15:45

Tgt Ion: 78 Resp: 314948





#34

Trichloroethene

Concen: 51.415 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029622.D

Acq: 22 Feb 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

DB617MSD

Tot Ion: 95 Resp: 81801

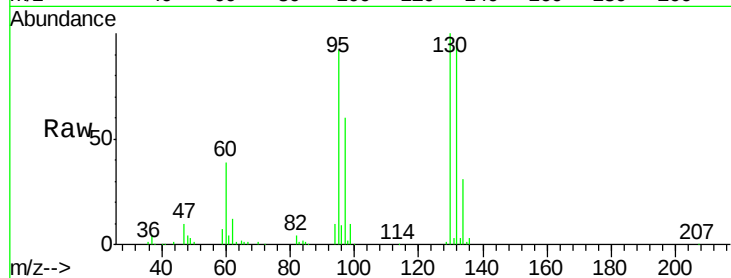
Ion Ratio Lower Upper

95 100

97 65.3 44.6 82.8

132 104.1 74.6 138.6

130 108.3 77.2 143.4

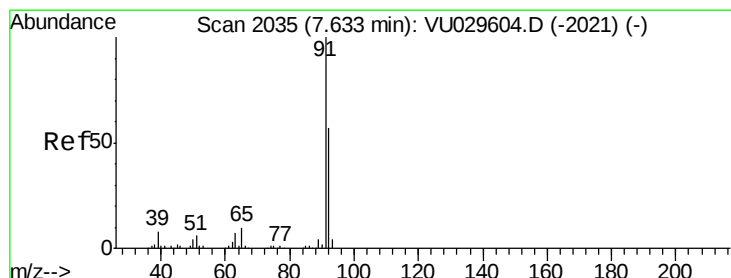
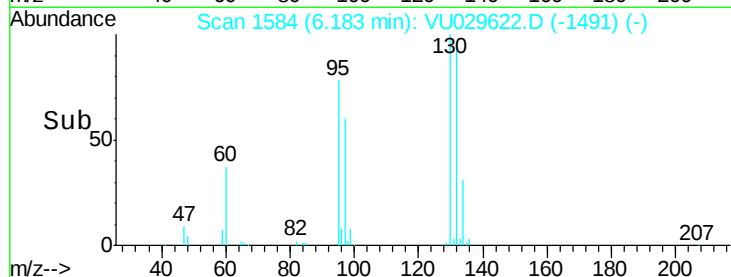
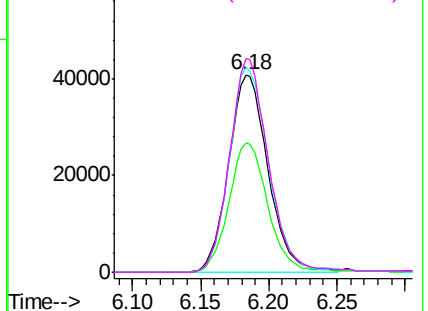


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 50.726 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029622.D

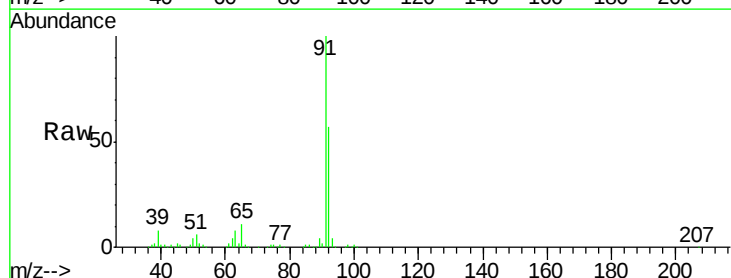
Acq: 22 Feb 2019 15:45

Tgt Ion: 91 Resp: 354290

Ion Ratio Lower Upper

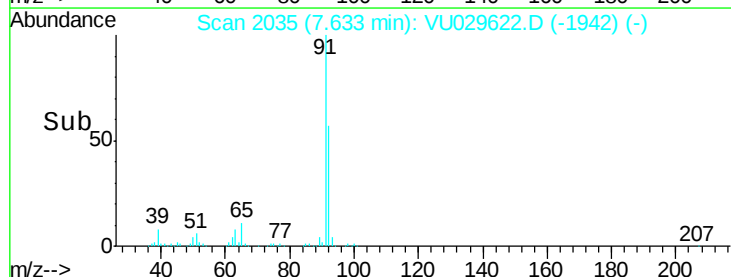
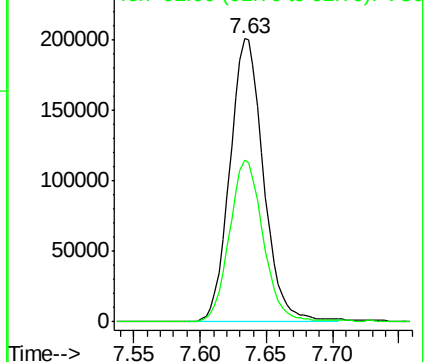
91 100

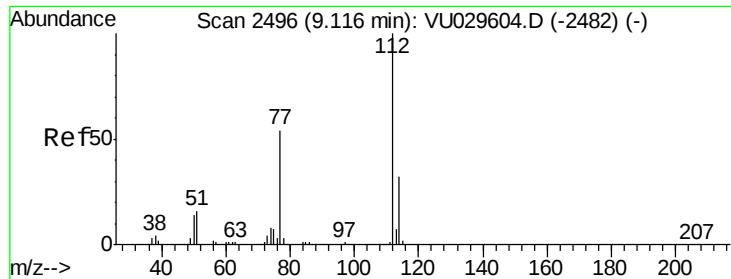
92 57.3 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51
 Chlorobenzene
 Concen: 49.599 ug/L
 RT: 9.12 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: VU029622.D
 Acq: 22 Feb 2019 15:45

Instrument :
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Tot Ion:	112	Resp:	237764
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	53.0	42.1	63.1

