

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
 Data File : VU028202.D
 Acq On : 16 Nov 2018 22:33
 Operator : MD/SY
 Sample : J5960-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAK7MS

Quant Time: Nov 17 03:39:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 23:59:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	148556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43209	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.68	69	40281	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.28	63	91600	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.20	46	208216	58.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.48%
24) Chloroform-d	4.65	84	90702	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	54288	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.34	84	174868	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.33	67	68414	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.57	98	141758	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	7.85	79	18249	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.31	63	148306	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50603	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	54399	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

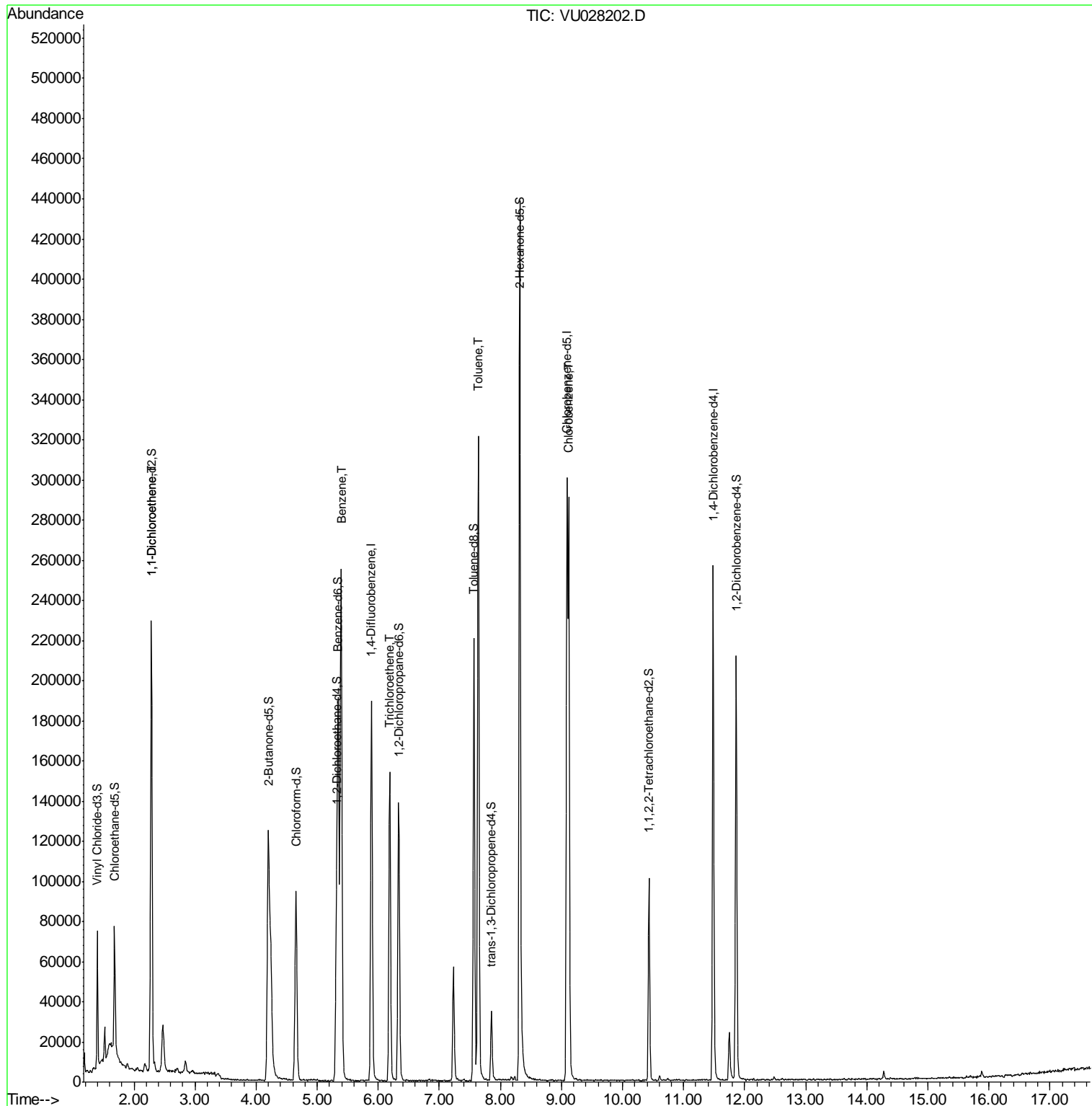
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.29	96	45200	4.576	ug/L	89
33) Benzene	5.39	78	238279	4.874	ug/L	100
34) Trichloroethene	6.19	95	54594	4.518	ug/L	92
42) Toluene	7.64	91	231390	4.590	ug/L	95
51) Chlorobenzene	9.12	112	134159	4.552	ug/L	98

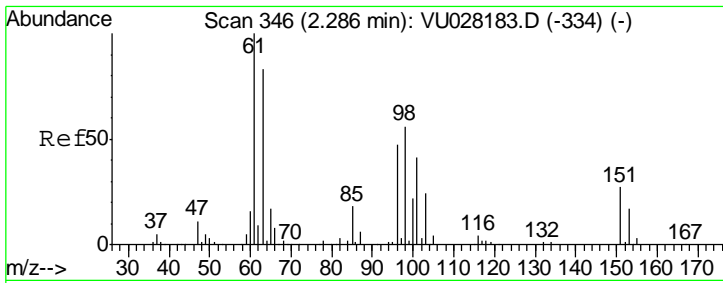
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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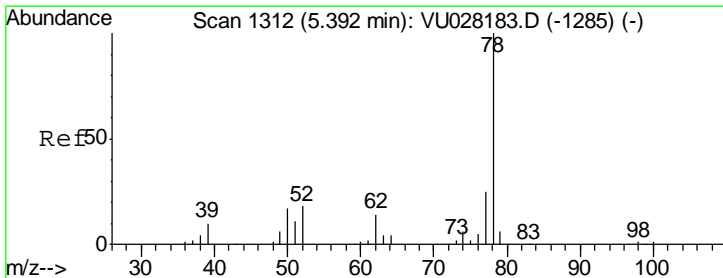
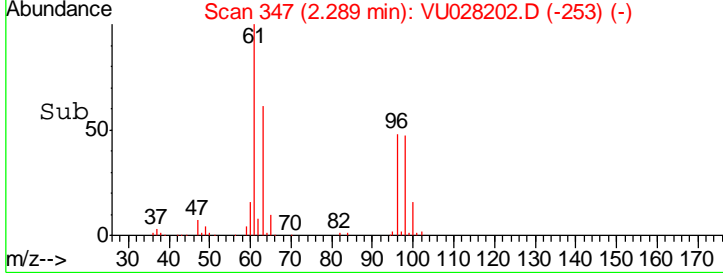
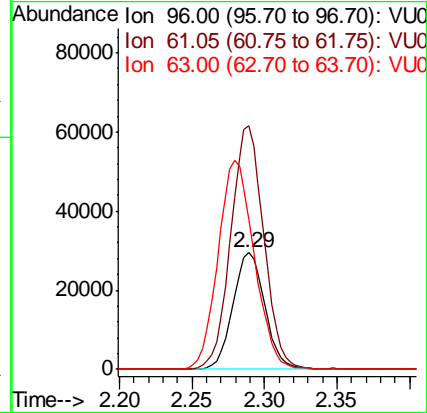
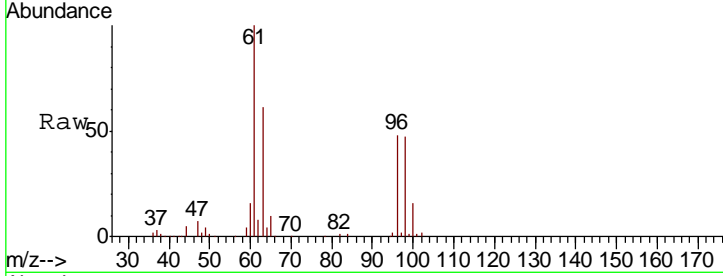




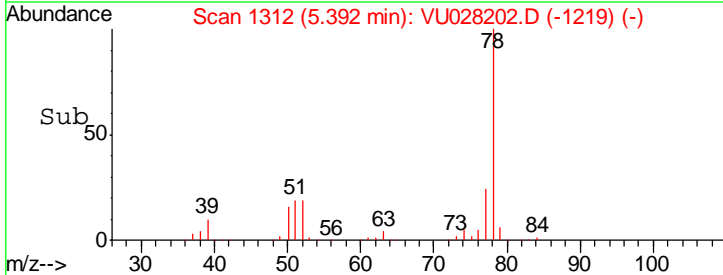
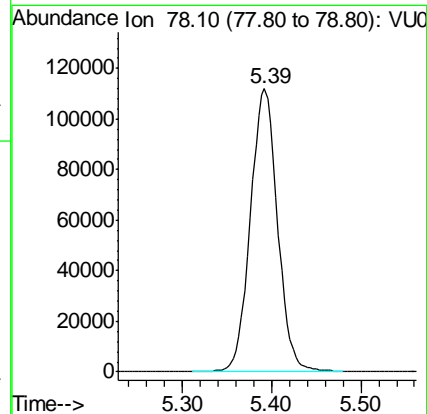
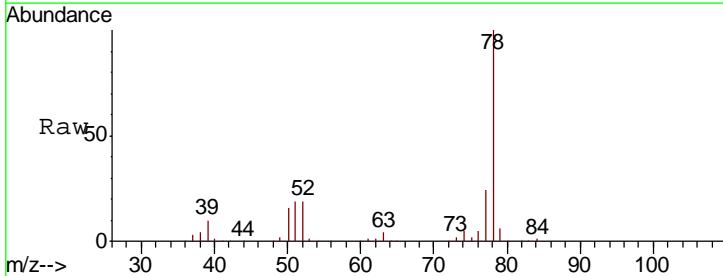
#12
 1,1-Dichloroethene
 Concen: 4.576 ug/L
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU028202.D
 Acq: 16 Nov 2018 22:33

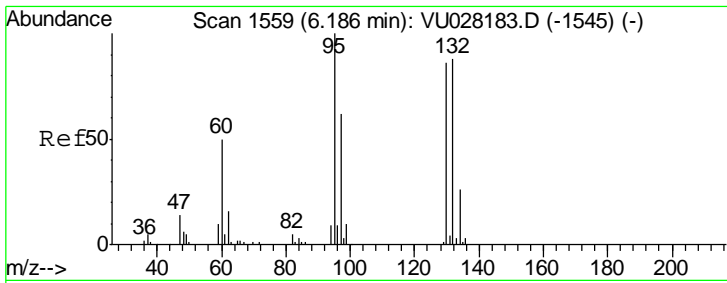
Instrument : MSVOA_U
 ClientSampled : VU028202.D
 COAK7MS

Tgt Ion	Resp	Lower	Upper
96	45200		
61	209.2	134.8	250.3
63	128.6	100.1	185.9



#33
 Benzene
 Concen: 4.874 ug/L
 RT: 5.39 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: VU028202.D
 Acq: 16 Nov 2018 22:33
 Tgt Ion: 78 Resp: 238279

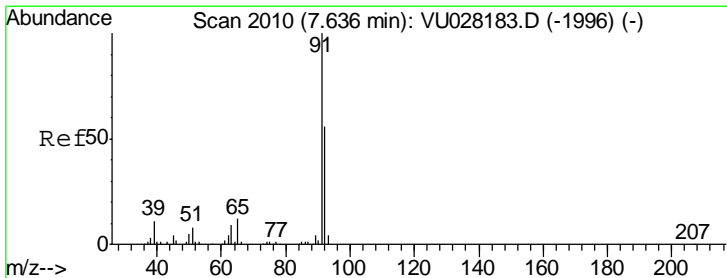
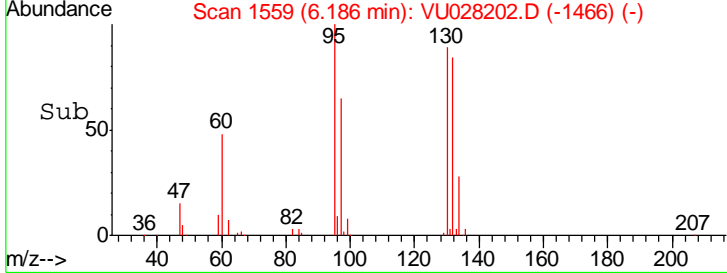
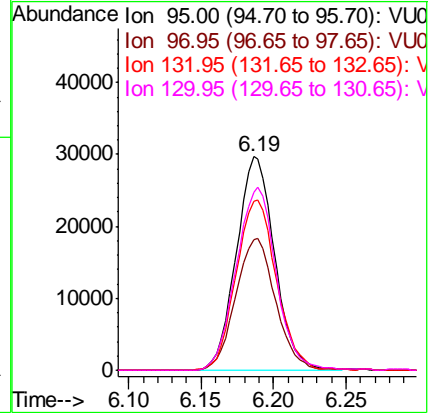
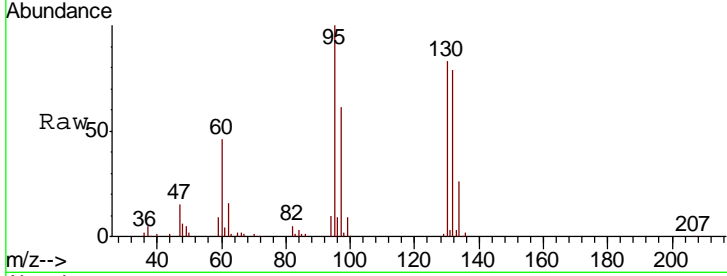




#34
 Trichloroethene
 Concen: 4.518 ug/L
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU028202.D
 Acq: 16 Nov 2018 22:33

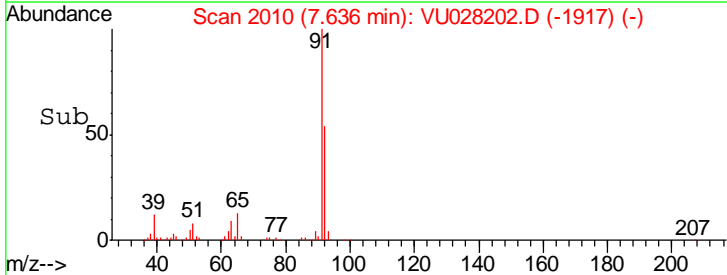
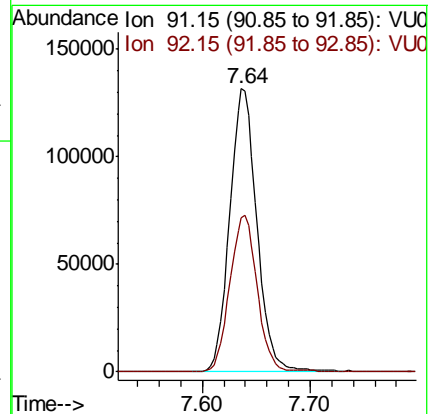
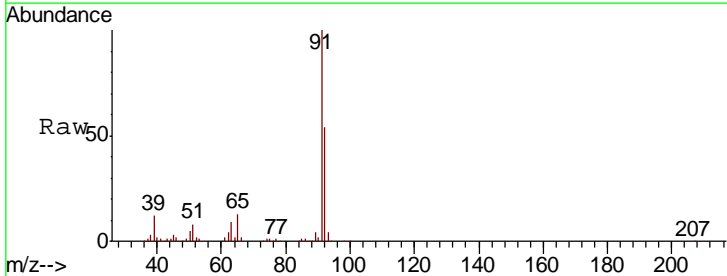
Instrument : MSVOA_U
 ClientSampled : COAK7MS

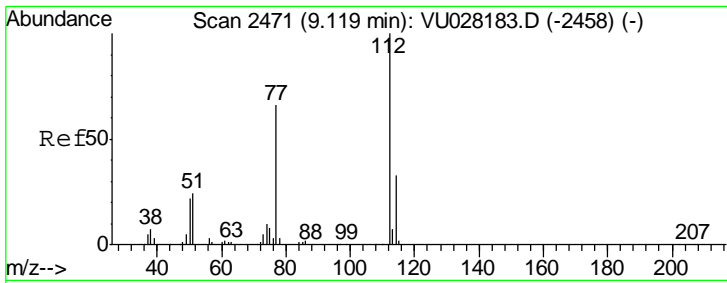
Tgt Ion	Resp	Lower	Upper
95	54594		
95	100		
97	61.3	45.3	84.1
132	79.0	63.0	117.0
130	83.0	63.6	118.2



#42
 Toluene
 Concen: 4.590 ug/L
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028202.D
 Acq: 16 Nov 2018 22:33

Tgt Ion	Resp	Lower	Upper
91	231390		
91	100		
92	54.4	40.7	75.7





#51
 Chlorobenzene
 Concen: 4.552 ug/L
 RT: 9.12 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: VU028202.D
 Acq: 16 Nov 2018 22:33

Instrument :
 MSVOA_U
 ClientSampled :
 COAK7MS

Tgt Ion: 112 Resp: 134159

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.7
77	66.7	51.3	76.9

