

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042816.D
 Acq On : 29 Mar 2021 15:10
 Operator : SY/MD
 Sample : M1846-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

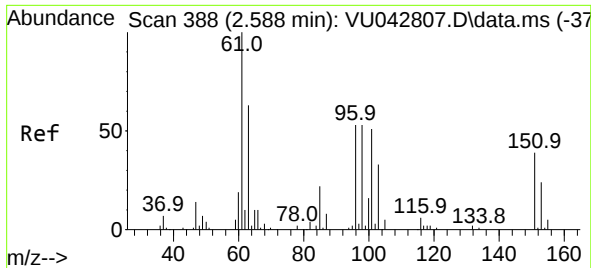
Instrument :
 MSVOA_U
 ClientSampleId :
 YAR33MS

Quant Time: Mar 30 01:15:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	90516	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	88888	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	43054	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21849	3.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.40%			
7) Chloroethane-d5	1.919	69	18994	4.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.20%			
11) 1,1-Dichloroethene-d2	2.575	63	55333	4.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.20%			
20) 2-Butanone-d5	4.652	46	71476	36.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.16%			
24) Chloroform-d	5.073	84	49229	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
26) 1,2-Dichloroethane-d4	5.713	65	31479	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
32) Benzene-d6	5.735	84	88422	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.20%			
36) 1,2-Dichloropropane-d6	6.700	67	30342	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.40%			
41) Toluene-d8	7.906	98	80733	3.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.80%			
43) trans-1,3-Dichloroprop...	8.189	79	13002	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%			
46) 2-Hexanone-d5	8.648	63	68279	43.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.84%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26088	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.40%			
64) 1,2-Dichlorobenzene-d4	12.201	152	34575	4.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	27095	4.25	ug/L	88
33) Benzene	5.784	78	124232	4.47	ug/L	100
34) Trichloroethene	6.552	95	33335	4.32	ug/L	98
42) Toluene	7.976	91	134223	4.42	ug/L	97
51) Chlorobenzene	9.455	112	87104	4.49	ug/L	99

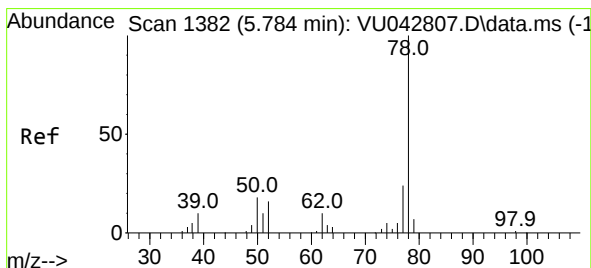
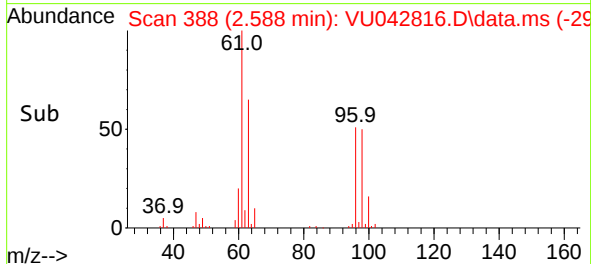
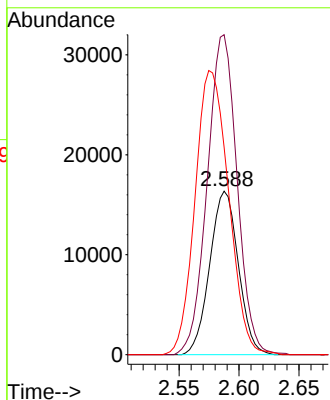
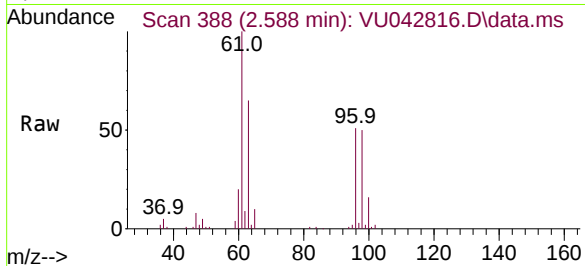
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
 1,1-Dichloroethene
 Concen: 4.25 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042816.D
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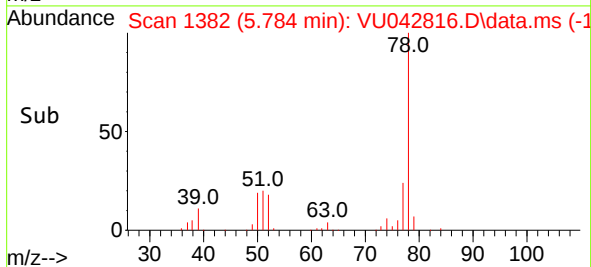
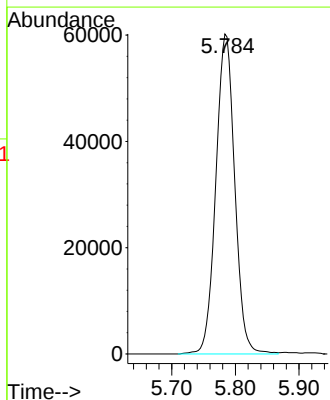
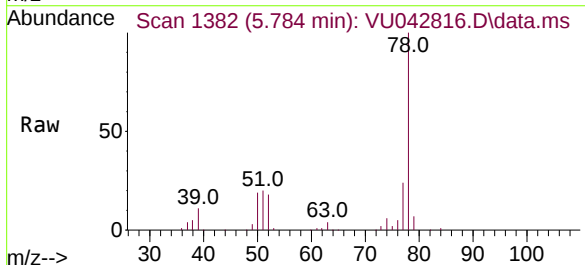
Instrument :
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 YAR33MS

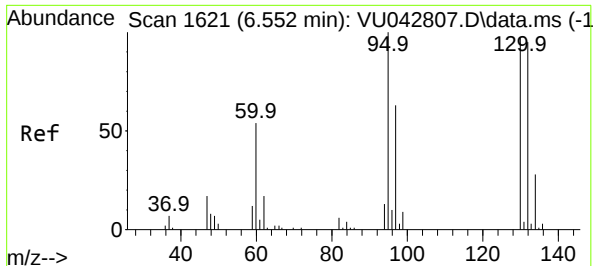
Tgt Ion: 96 Resp: 27095
 Ion Ratio Lower Upper
 96 100
 61 195.8 126.2 234.4
 63 126.9 77.8 144.4



#33
 Benzene
 Concen: 4.47 ug/L
 RT: 5.784 min Scan# 1382
 Delta R.T. 0.000 min
 Lab File: VU042816.D
 Acq: 29 Mar 2021 15:10

Tgt Ion: 78 Resp: 124232



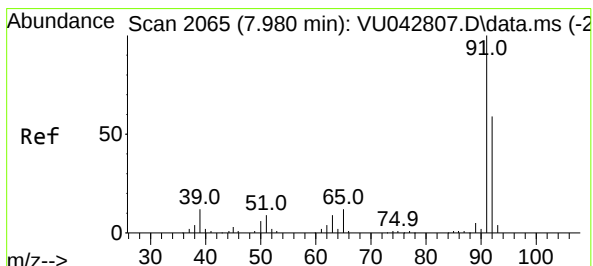
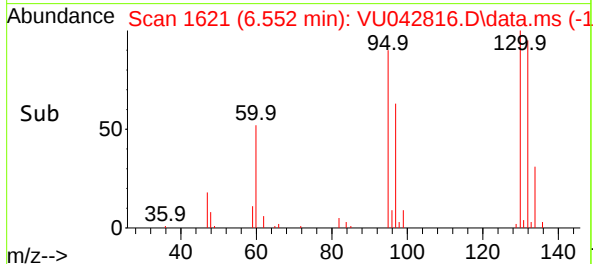
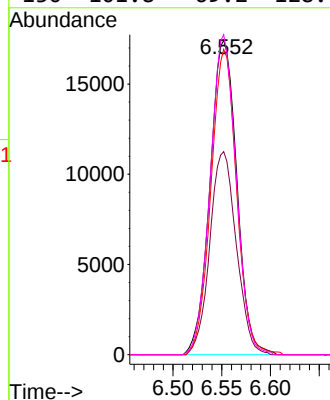
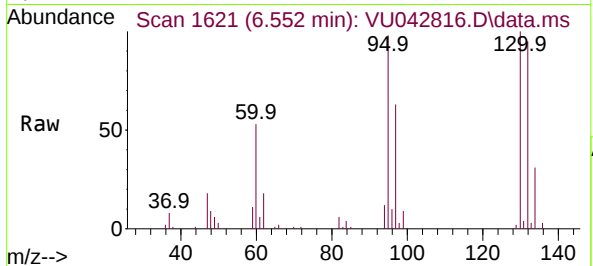


#34
Trichloroethene
Concen: 4.32 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

Instrument :
MSVOA_U
ClientSampleId :
YAR33MS

Tgt Ion: 95 Resp: 33335

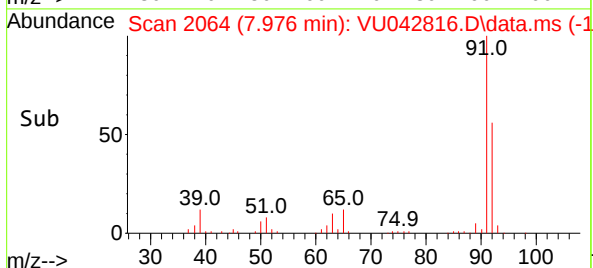
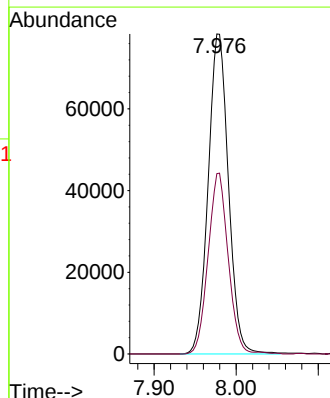
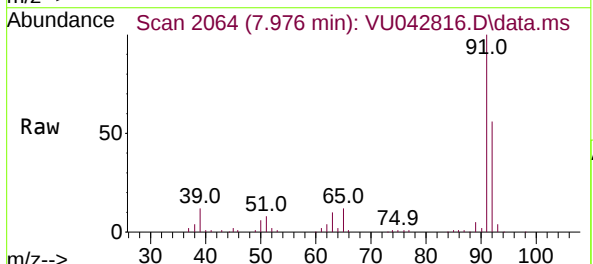
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.4	82.4
132	97.2	68.0	126.4
130	101.8	69.2	128.4

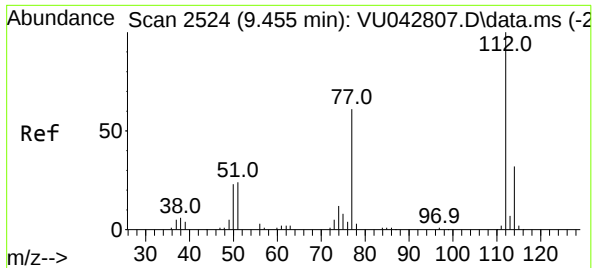


#42
Toluene
Concen: 4.42 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

Tgt Ion: 91 Resp: 134223

Ion	Ratio	Lower	Upper
91	100		
92	56.3	41.2	76.6





#51
Chlorobenzene
Concen: 4.49 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

Instrument :
MSVOA_U
ClientSampleId :
YAR33MS

Tgt Ion:	112	Resp:	87104
Ion Ratio	Lower	Upper	
112	100		
114	31.5	22.0	41.0
77	61.0	49.8	74.6

