

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042817.D
 Acq On : 29 Mar 2021 15:34
 Operator : SY/MD
 Sample : M1846-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR33MSD

Quant Time: Mar 30 01:15:56 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)

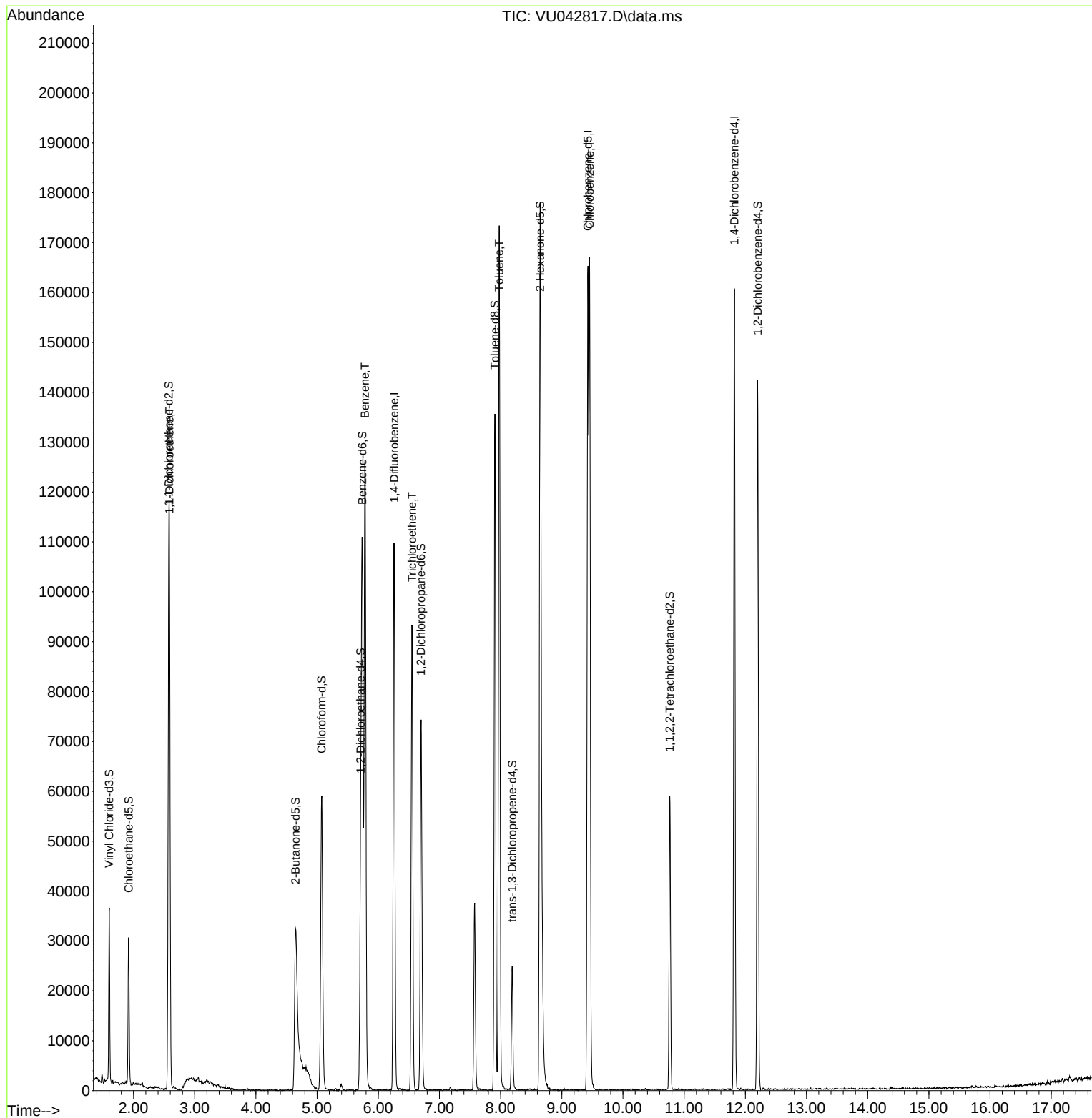
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82913	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	81740	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	39854	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22774	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.919	69	20165	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.575	63	54642	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	4.649	46	72089	39.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.44%
24) Chloroform-d	5.073	84	51410	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.710	65	32638	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.739	84	92821	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.700	67	31857	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.906	98	83641	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloroprop...	8.189	79	12825	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.645	63	71153	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27109	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.202	152	34811	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	24359	4.17	ug/L	84
33) Benzene	5.781	78	110305	4.31	ug/L	100
34) Trichloroethene	6.552	95	29667	4.18	ug/L	97
42) Toluene	7.977	91	118955	4.26	ug/L	98
51) Chlorobenzene	9.456	112	78286	4.39	ug/L	98

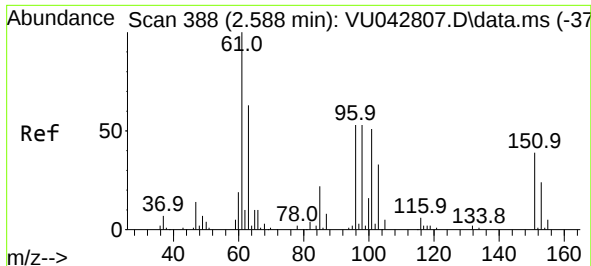
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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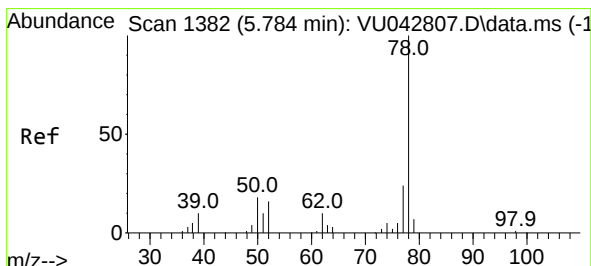
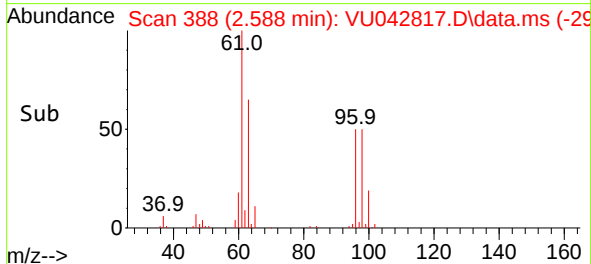
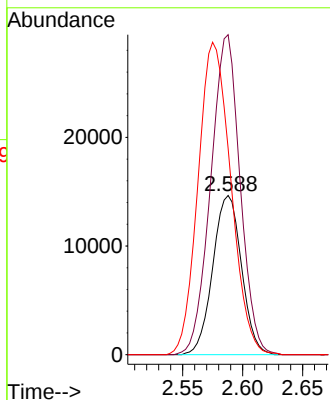
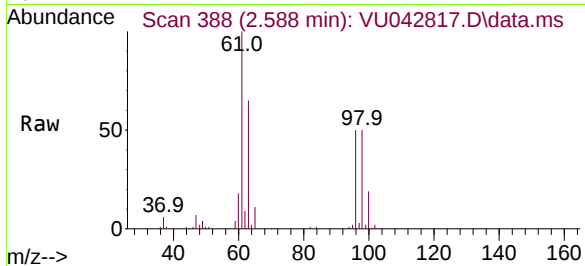




#12
1,1-Dichloroethene
Concen: 4.17 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042817.D
Acq: 29 Mar 2021 15:34

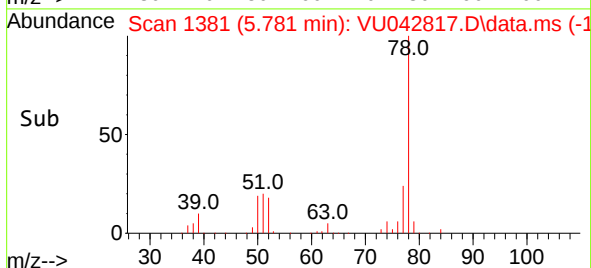
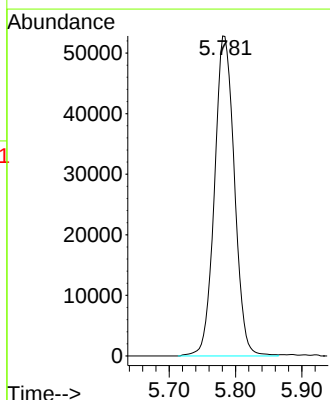
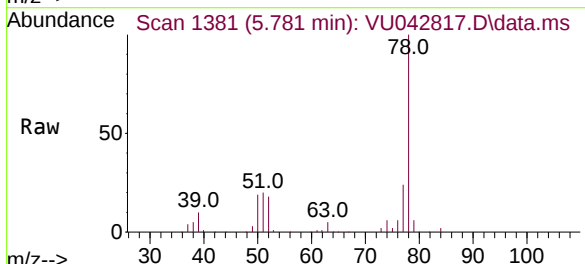
Instrument :
MSVOA_U
ClientSampleId :
YAR33MSD

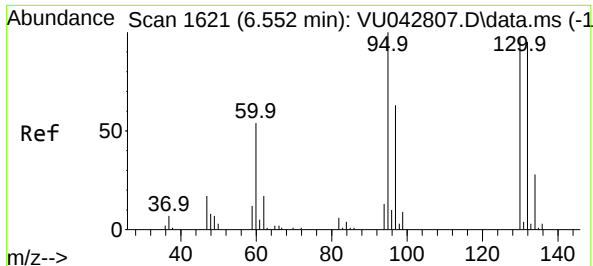
Tgt Ion: 96 Resp: 24359
Ion Ratio Lower Upper
96 100
61 200.9 126.2 234.4
63 129.6 77.8 144.4



#33
Benzene
Concen: 4.31 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042817.D
Acq: 29 Mar 2021 15:34

Tgt Ion: 78 Resp: 110305





#34

Trichloroethene

Concen: 4.18 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VU042817.D

Acq: 29 Mar 2021 15:34

Tgt Ion: 95 Resp: 29667

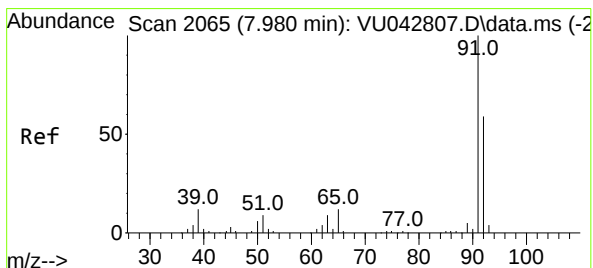
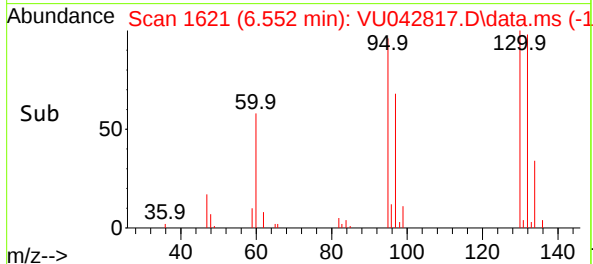
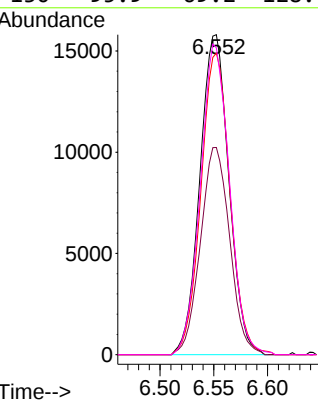
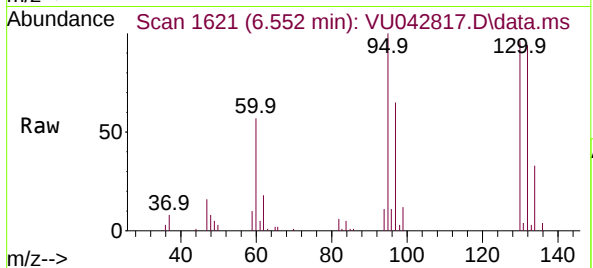
Ion Ratio Lower Upper

95 100

97 64.7 44.4 82.4

132 94.3 68.0 126.4

130 95.9 69.2 128.4



#42

Toluene

Concen: 4.26 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. -0.003 min

Lab File: VU042817.D

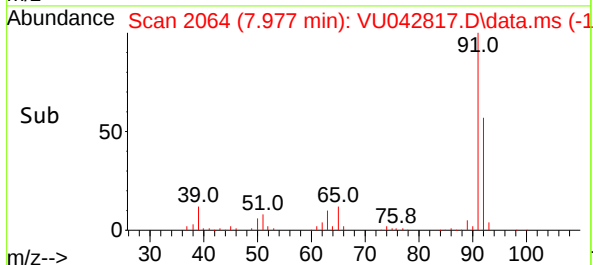
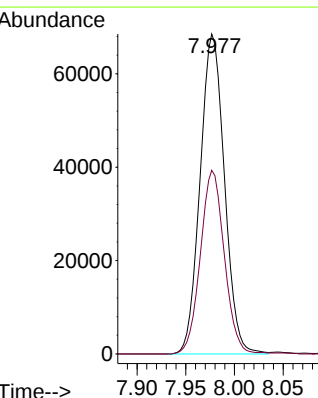
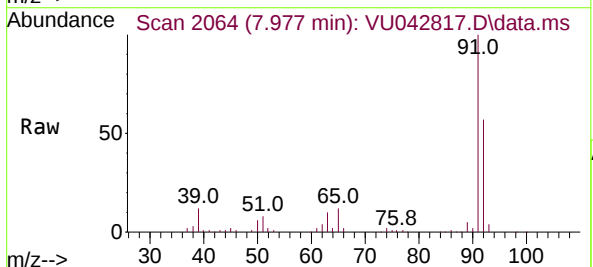
Acq: 29 Mar 2021 15:34

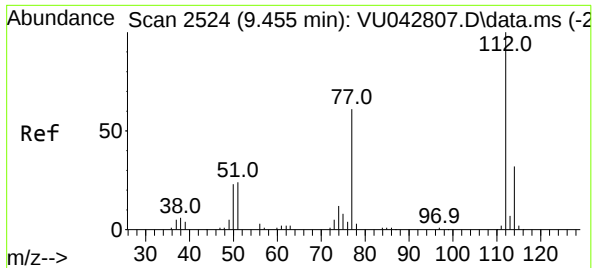
Tgt Ion: 91 Resp: 118955

Ion Ratio Lower Upper

91 100

92 57.4 41.2 76.6





#51
Chlorobenzene
Concen: 4.39 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042817.D
Acq: 29 Mar 2021 15:34

Instrument :
MSVOA_U
ClientSampleId :
YAR33MSD

Tgt Ion:	112	Resp:	78286
Ion Ratio	Lower	Upper	
112	100		
114	33.5	22.0	41.0
77	63.2	49.8	74.6

