

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046323.D
 Acq On : 13 Dec 2021 18:13
 Operator : SY/MD
 Sample : M4971-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3E0

Quant Time: Dec 14 03:53:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

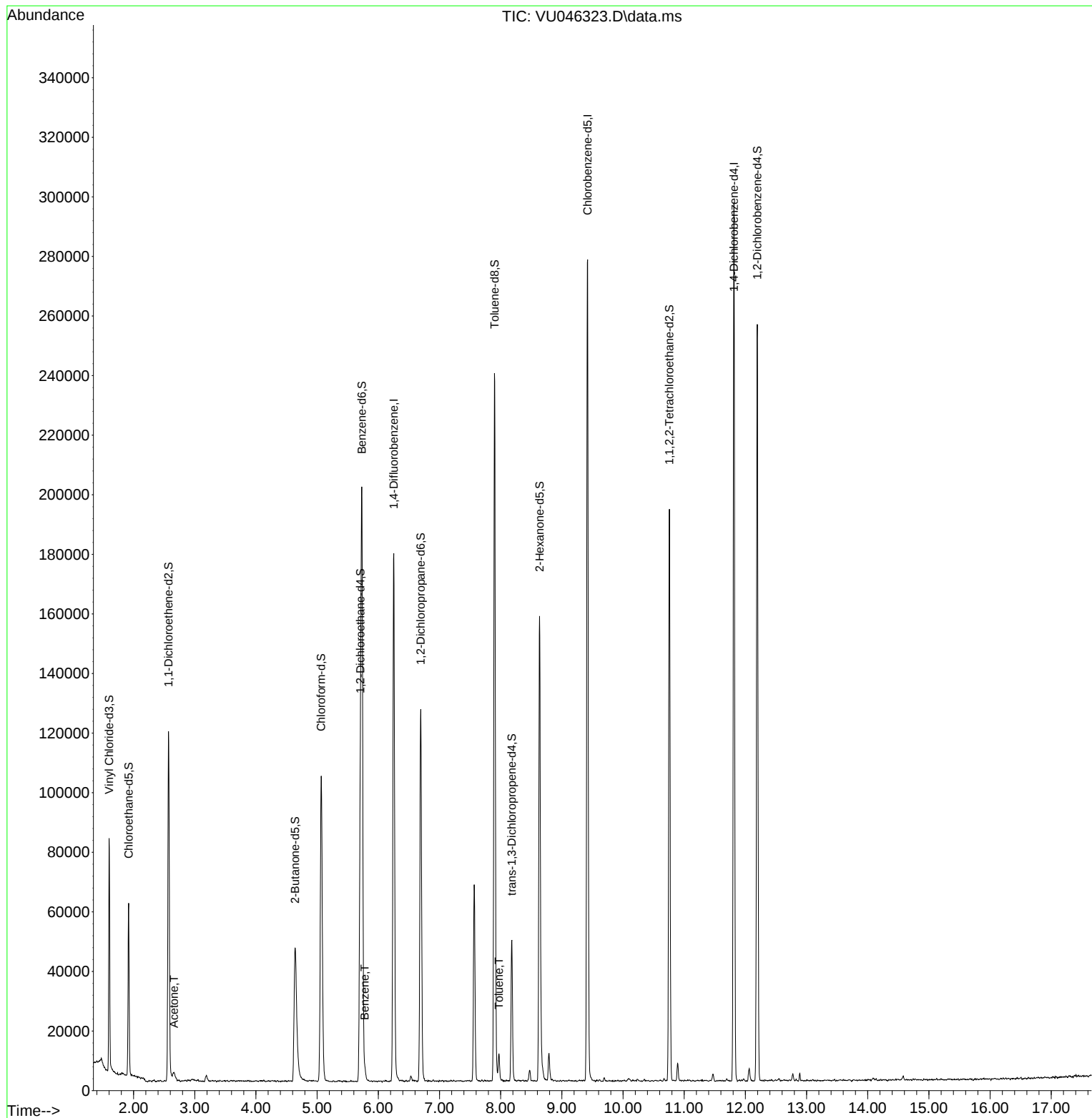
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141502	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	153419	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74564	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	54645	46.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.760%
7) Chloroethane-d5	1.919	69	41208	46.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.080%
11) 1,1-Dichloroethene-d2	2.572	63	70813	33.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.680%
21) 2-Butanone-d5	4.639	46	84437	91.124	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.120%
24) Chloroform-d	5.067	84	91170	46.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	5.707	65	63042	48.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	5.732	84	187791	42.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.420%
36) 1,2-Dichloropropane-d6	6.694	67	58784	43.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.280%
41) Toluene-d8	7.899	98	158263	39.529	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.060%#
43) trans-1,3-Dichloroprop...	8.182	79	27395	41.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.280%
47) 2-Hexanone-d5	8.636	63	56835	87.960	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	93329	45.158	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	64082	44.626	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.260%
Target Compounds						
					Qvalue	
13) Acetone	2.662	43	4991	4.310	ug/L	97
33) Benzene	5.777	78	3294	0.709	ug/L	100
42) Toluene	7.973	91	6454	1.295	ug/L	97

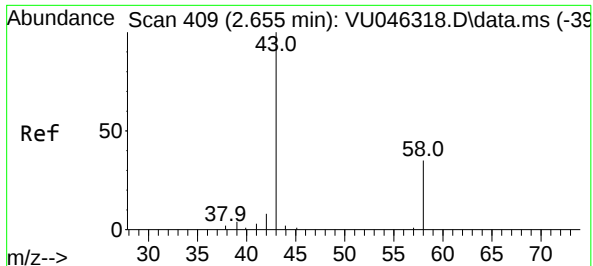
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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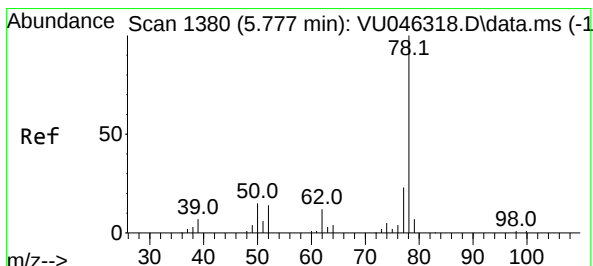
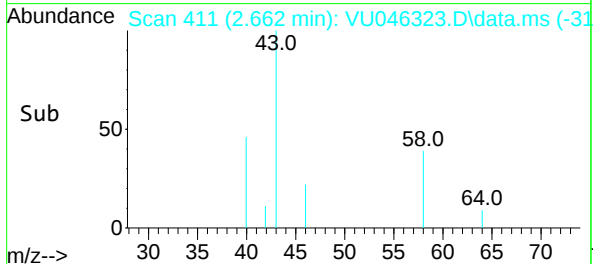
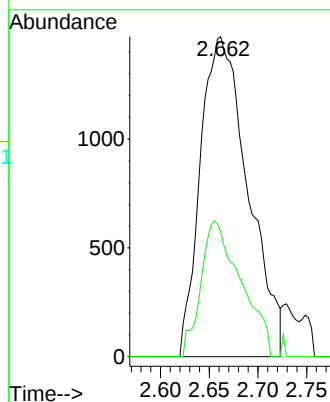
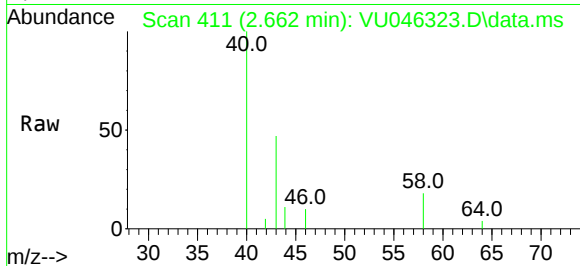




#13
Acetone
Concen: 4.310 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.007 min
Lab File: VU046323.D
Acq: 13 Dec 2021 18:13

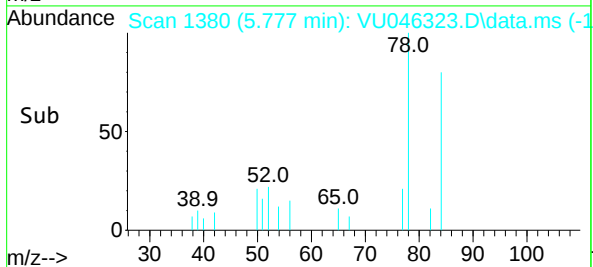
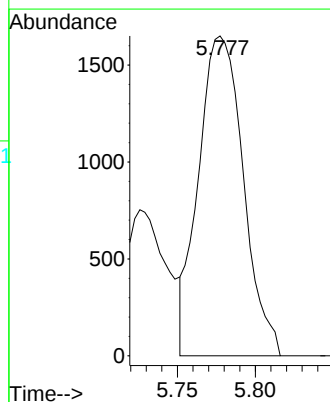
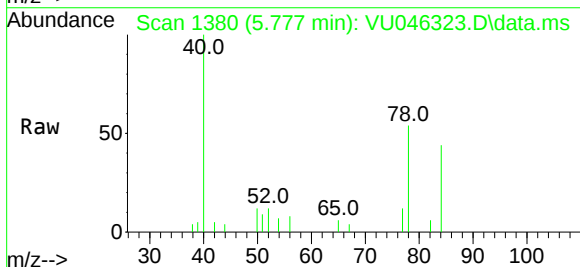
Instrument :
MSVOA_U
ClientSampleId :
BG3E0

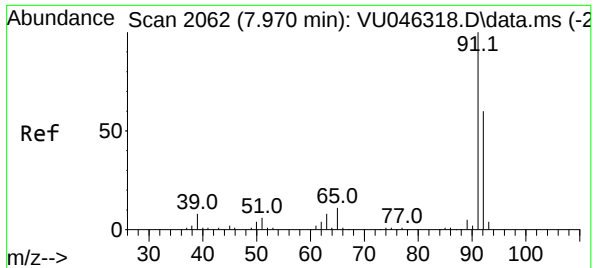
Tgt Ion: 43 Resp: 4991
Ion Ratio Lower Upper
43 100
58 34.9 0.0 66.8



#33
Benzene
Concen: 0.709 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046323.D
Acq: 13 Dec 2021 18:13

Tgt Ion: 78 Resp: 3294





#42
 Toluene
 Concen: 1.295 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.003 min
 Lab File: VU046323.D
 Acq: 13 Dec 2021 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3E0

Tgt Ion: 91 Resp: 6454
 Ion Ratio Lower Upper
 91 100
 92 61.7 41.9 77.7

