

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042172.D
 Acq On : 22 Jan 2021 16:10
 Operator : SY/MD
 Sample : M1222-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E14

Quant Time: Jan 23 06:22:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

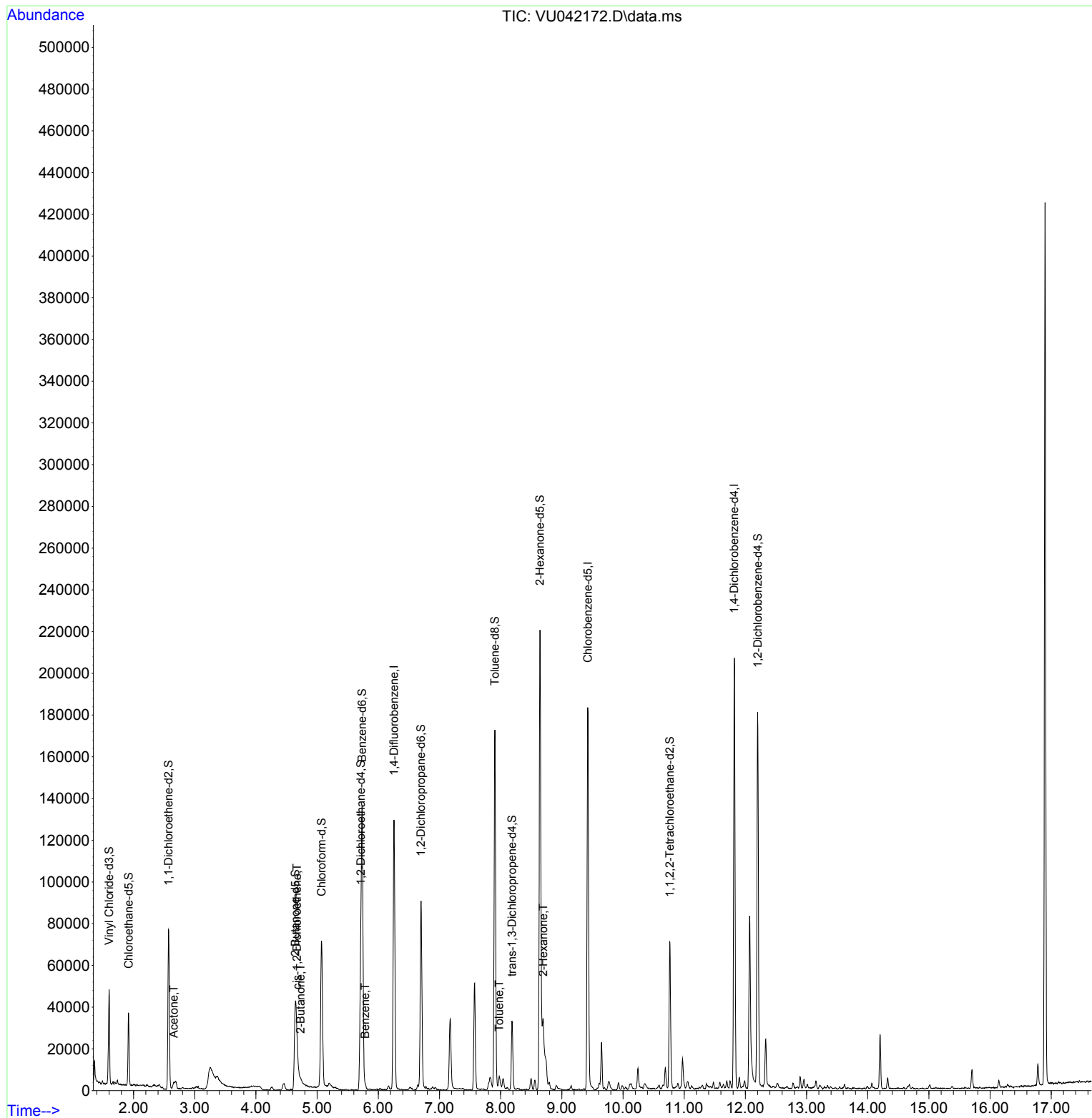
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	94963	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52925	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26893	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.919	69	22866	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.572	63	46548	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.645	46	84157	35.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.48%
24) Chloroform-d	5.073	84	62569	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.713	65	39078	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.735	84	114982	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	38852	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.906	98	106374	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	8.186	79	17630	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.642	63	85655	48.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.04%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35427	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	45851	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%
Target Compounds						Qvalue
13) Acetone	2.658	43	6816	4.28	ug/L	100
21) 2-Butanone	4.729	43	2552	0.96	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	2741	0.35	ug/L	92
33) Benzene	5.784	78	1646	0.06	ug/L	100
42) Toluene	7.977	91	3531	0.12	ug/L	94
48) 2-Hexanone	8.697	43	14683	3.35	ug/L	94

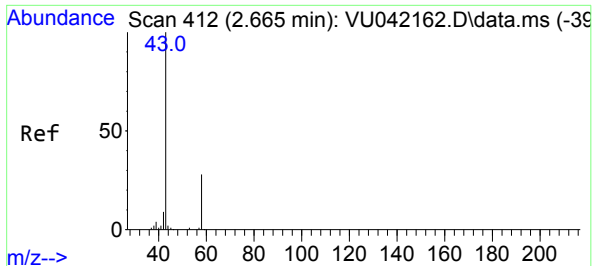
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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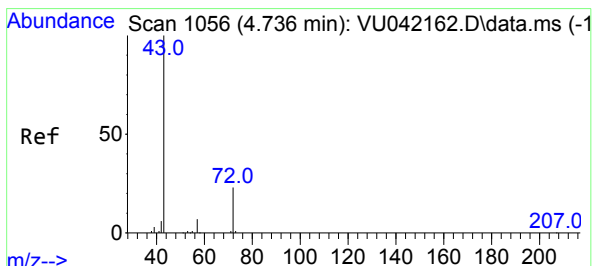
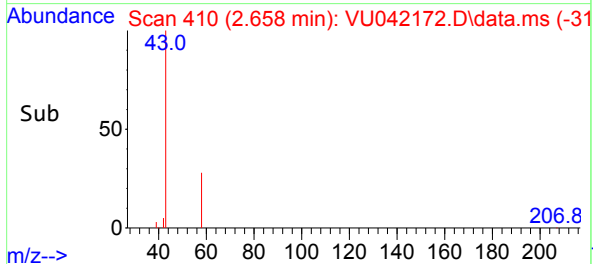
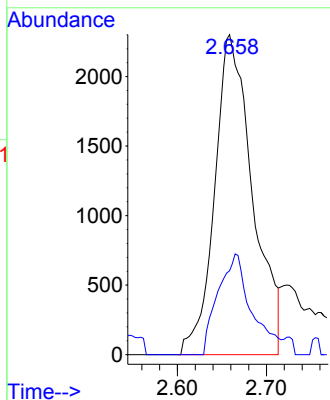
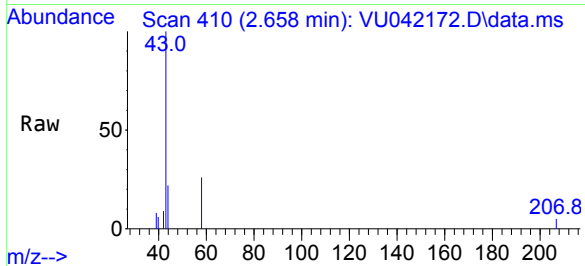




#13
Acetone
Concen: 4.28 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.006 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

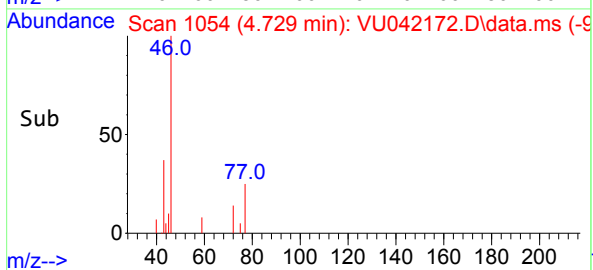
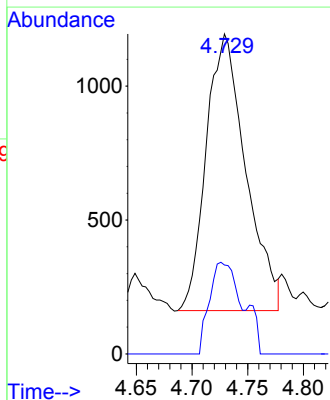
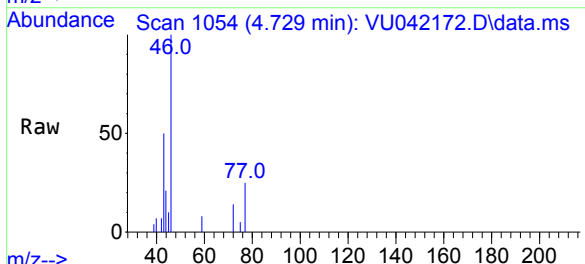
Instrument :
MSVOA_U
ClientSampled :
F1E14

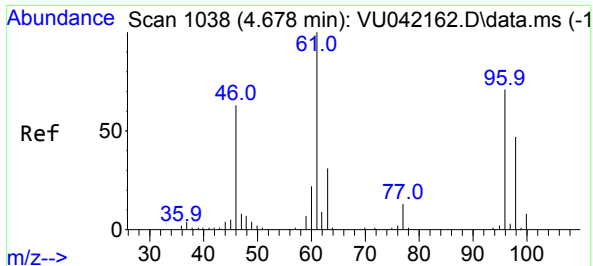
Tgt Ion: 43 Resp: 6816
Ion Ratio Lower Upper
43 100
58 27.7 0.0 55.8



#21
2-Butanone
Concen: 0.96 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
72 24.1 11.7 35.1





#22

cis-1,2-Dichloroethene

Concen: 0.35 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.006 min

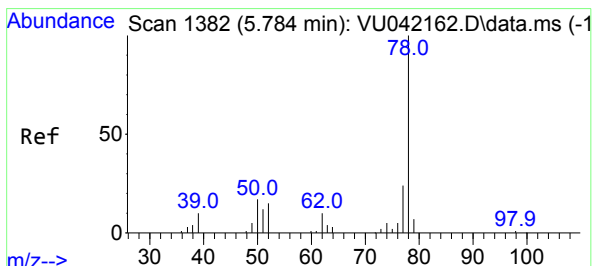
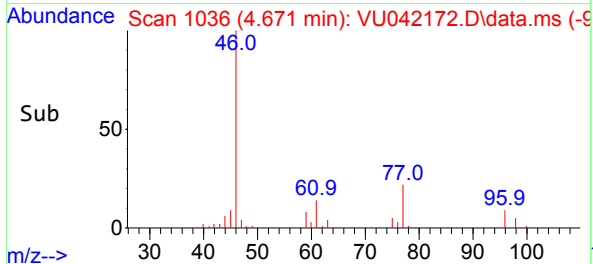
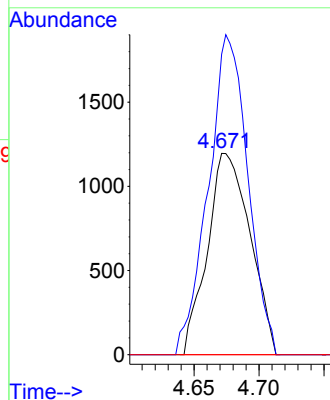
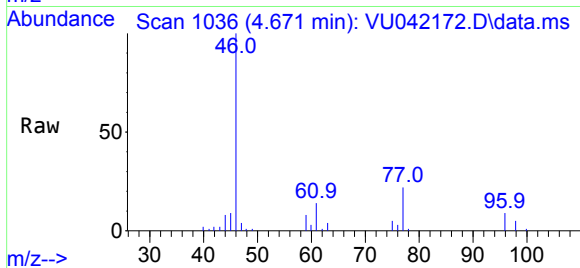
Lab File: VU042172.D

Acq: 22 Jan 2021 16:10

Instrument :
MSVOA_U
ClientSampled :
F1E14

Tgt Ion: 96 Resp: 2741

Ion	Ratio	Lower	Upper
96	100		
61	149.2	97.8	181.6
68	0.0	0.0	0.0



#33

Benzene

Concen: 0.06 ug/L

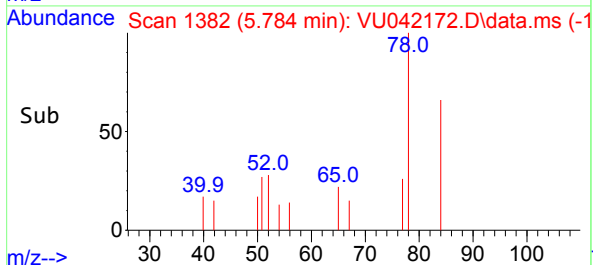
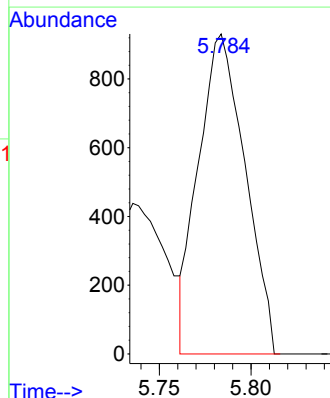
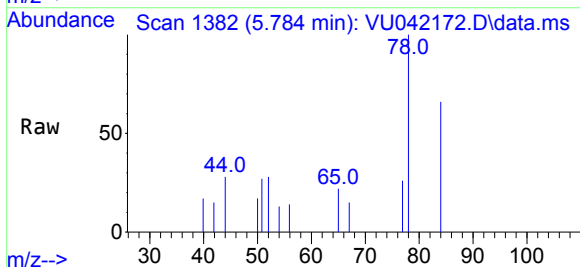
RT: 5.784 min Scan# 1382

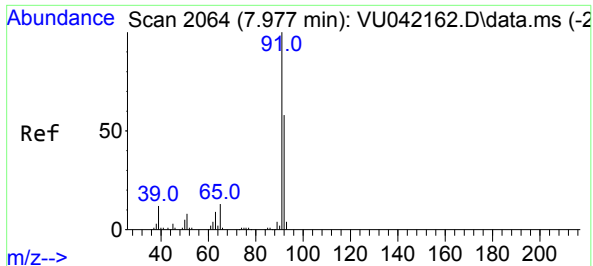
Delta R.T. 0.000 min

Lab File: VU042172.D

Acq: 22 Jan 2021 16:10

Tgt Ion: 78 Resp: 1646

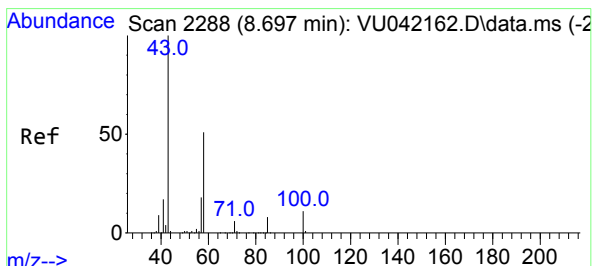
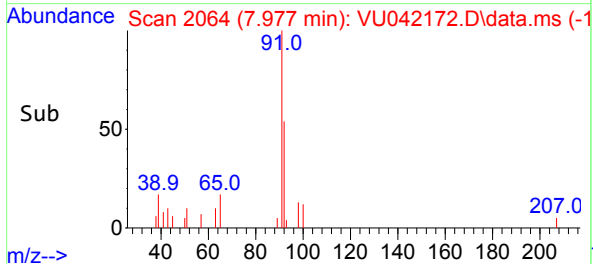
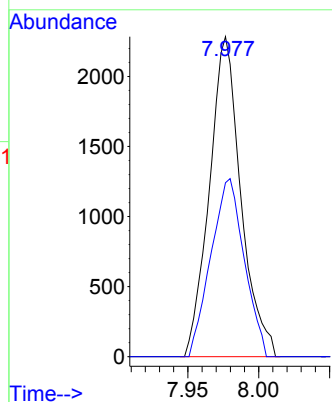
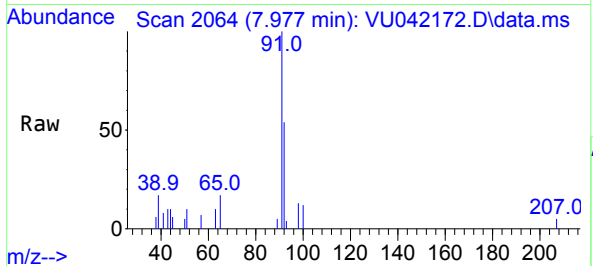




#42
Toluene
Concen: 0.12 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Instrument :
MSVOA_U
ClientSampled :
F1E14

Tgt Ion: 91 Resp: 3531
Ion Ratio Lower Upper
91 100
92 54.3 41.2 76.6



#48
2-Hexanone
Concen: 3.35 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Tgt Ion: 43 Resp: 14683
Ion Ratio Lower Upper
43 100
58 56.6 40.6 61.0
57 18.6 14.9 22.3
100 10.0 8.6 12.8

