

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046428.D
 Acq On : 16 Dec 2021 17:55
 Operator : SY/MD
 Sample : M5037-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00Y2

Quant Time: Dec 17 01:54:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

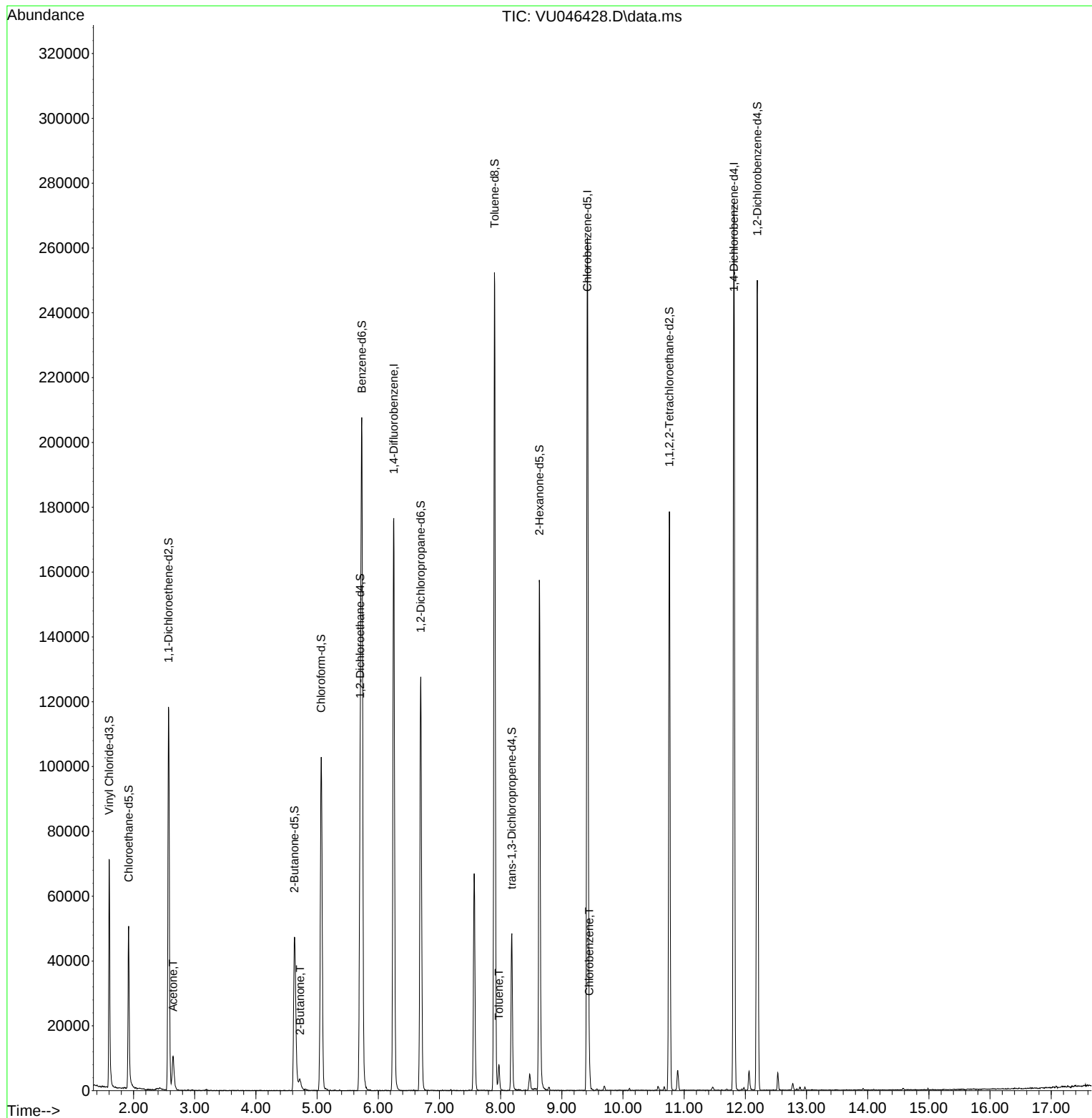
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143160	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	146131	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	71541	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55970	47.461	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.920%
7) Chloroethane-d5	1.919	69	40485	44.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.420%
11) 1,1-Dichloroethene-d2	2.572	63	71719	33.877	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.760%
21) 2-Butanone-d5	4.630	46	74604	79.580	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.580%
24) Chloroform-d	5.067	84	97721	49.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
26) 1,2-Dichloroethane-d4	5.704	65	65431	49.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.020%
32) Benzene-d6	5.732	84	192706	46.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.020%
36) 1,2-Dichloropropane-d6	6.694	67	60876	46.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	7.900	98	165128	43.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.182	79	27937	44.584	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.160%
47) 2-Hexanone-d5	8.633	63	56138	91.214	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.210%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86226	43.802	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	63325	45.963	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.920%
Target Compounds						
					Qvalue	
13) Acetone	2.646	43	15191	12.966	ug/L	98
22) 2-Butanone	4.720	43	5065	3.971	ug/L	76
42) Toluene	7.974	91	6127	1.291	ug/L	96
51) Chlorobenzene	9.449	112	4215	1.373	ug/L	97

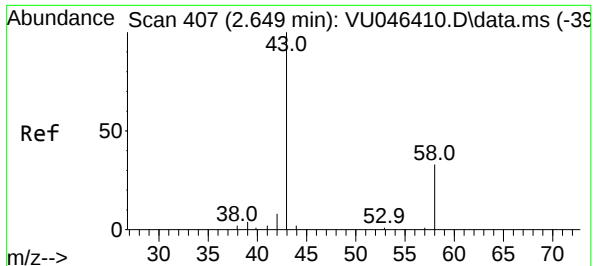
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
Data File : VU046428.D
Acq On : 16 Dec 2021 17:55
Operator : SY/MD
Sample : M5037-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C00Y2

Quant Time: Dec 17 01:54:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
Response via : Initial Calibration





#13

Acetone

Concen: 12.966 ug/L

RT: 2.646 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU046428.D

Acq: 16 Dec 2021 17:55

Instrument :

MSVOA_U

ClientSampleId :

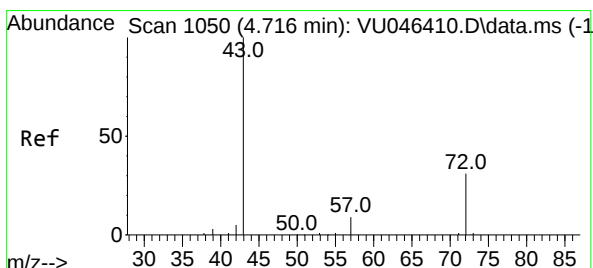
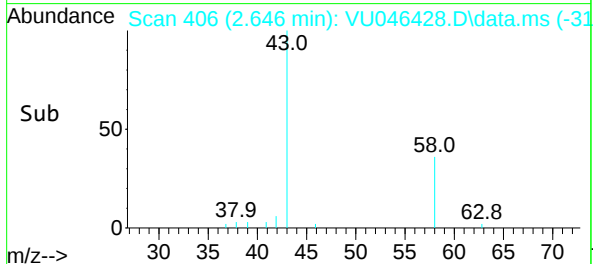
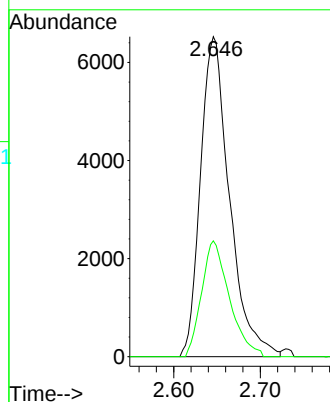
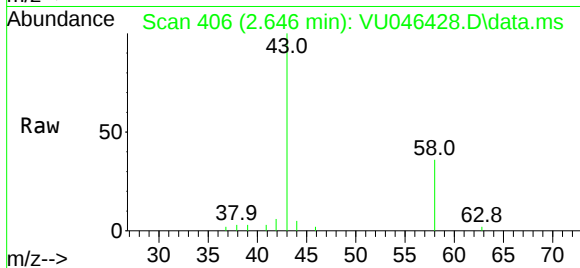
C00Y2

Tgt Ion: 43 Resp: 15191

Ion Ratio Lower Upper

43 100

58 34.6 0.0 66.8



#22

2-Butanone

Concen: 3.971 ug/L

RT: 4.720 min Scan# 1051

Delta R.T. 0.004 min

Lab File: VU046428.D

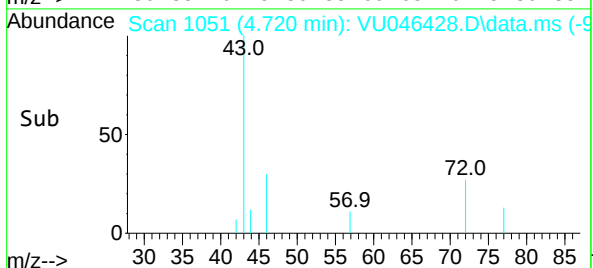
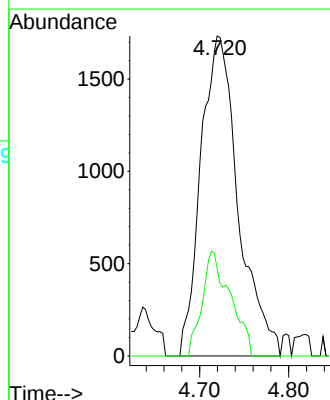
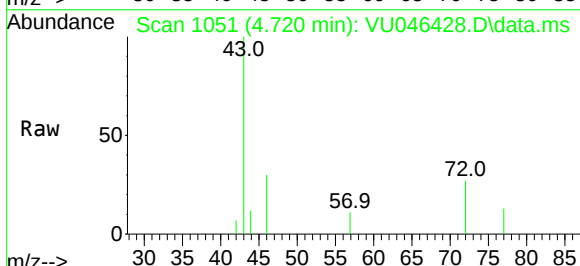
Acq: 16 Dec 2021 17:55

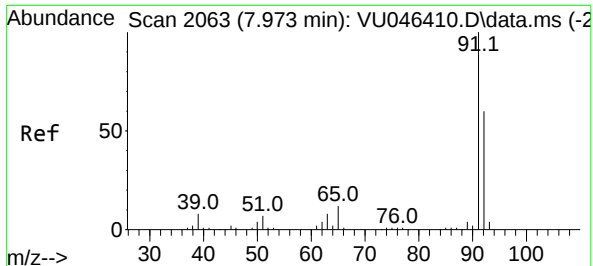
Tgt Ion: 43 Resp: 5065

Ion Ratio Lower Upper

43 100

72 16.1 14.5 43.6





#42

Toluene

Concen: 1.291 ug/L

RT: 7.974 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046428.D

Acq: 16 Dec 2021 17:55

Instrument :

MSVOA_U

ClientSampleId :

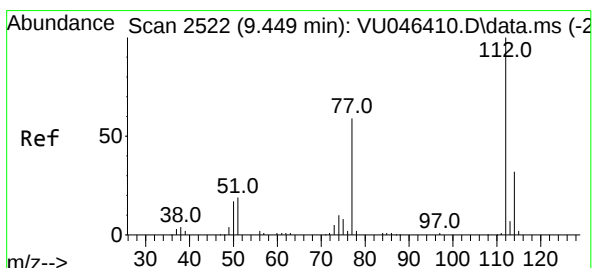
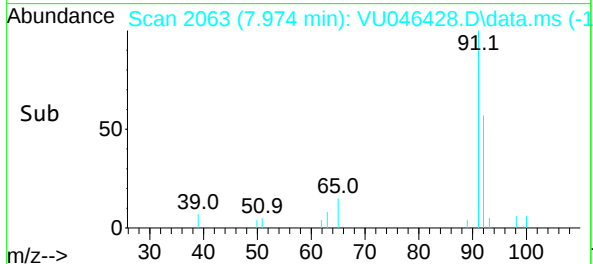
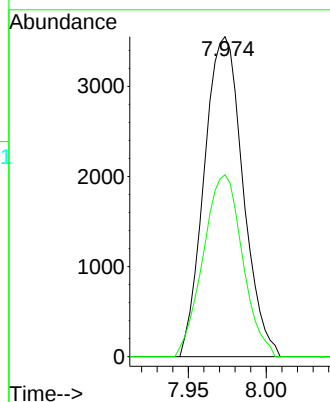
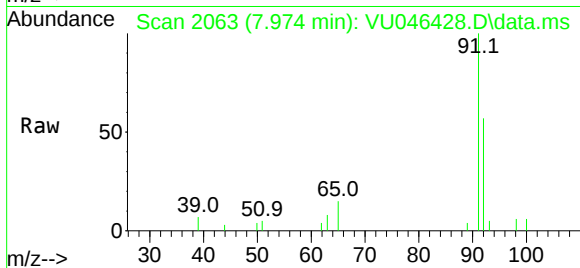
C00Y2

Tgt Ion: 91 Resp: 6127

Ion Ratio Lower Upper

91 100

92 56.8 41.9 77.7



#51

Chlorobenzene

Concen: 1.373 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046428.D

Acq: 16 Dec 2021 17:55

Tgt Ion: 112 Resp: 4215

Ion Ratio Lower Upper

112 100

114 30.3 22.2 41.2

77 61.9 47.4 71.0

