

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046432.D
 Acq On : 16 Dec 2021 19:25
 Operator : SY/MD
 Sample : M5037-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00Z0

Quant Time: Dec 17 01:55:19 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)

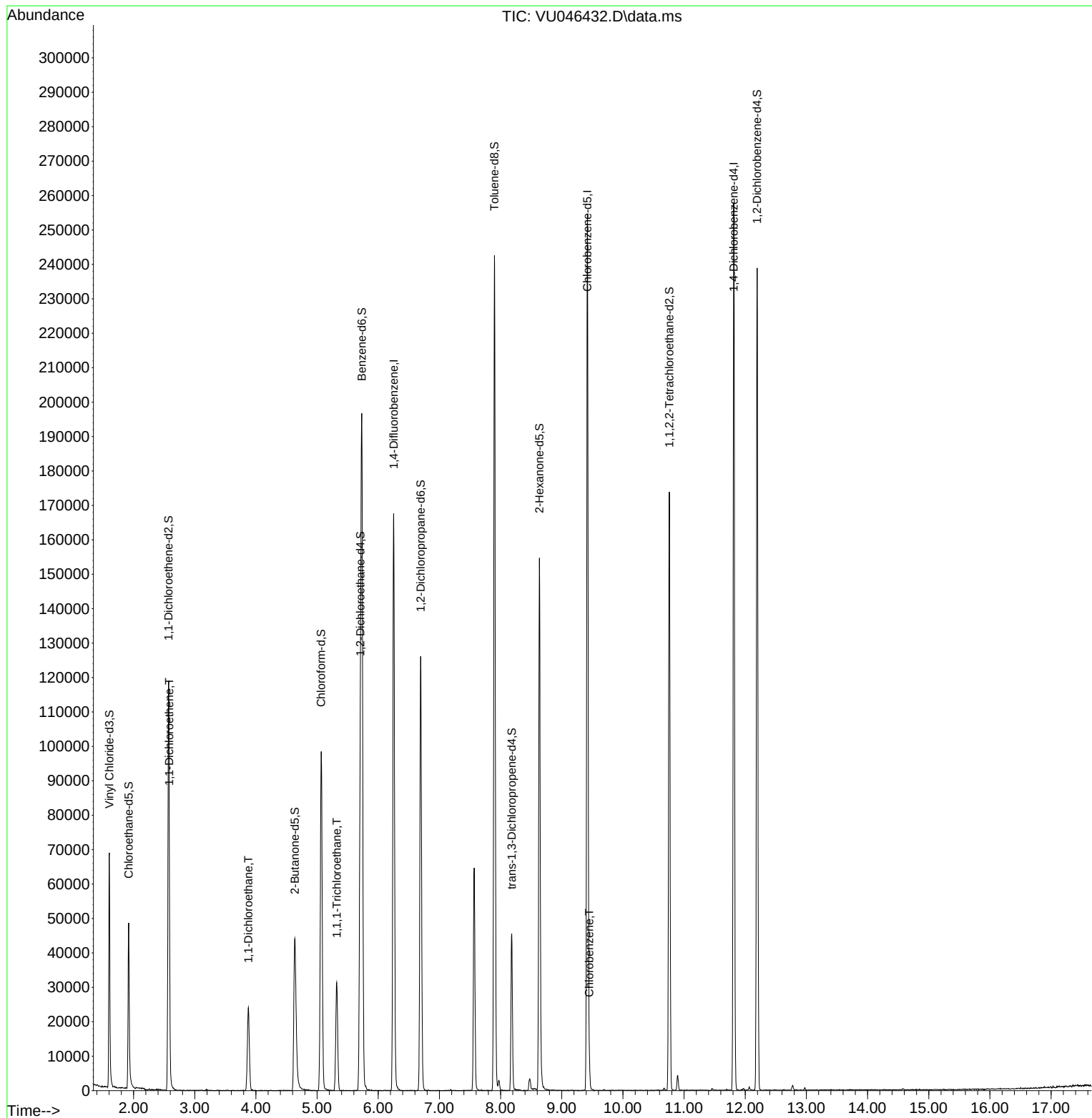
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	134916	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	139467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66059	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53015	47.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.400%
7) Chloroethane-d5	1.919	69	39477	46.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.520%
11) 1,1-Dichloroethene-d2	2.571	63	70670	35.422	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.840%
21) 2-Butanone-d5	4.636	46	72923	82.540	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.540%
24) Chloroform-d	5.066	84	93679	50.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.960%
26) 1,2-Dichloroethane-d4	5.706	65	63206	50.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.500%
32) Benzene-d6	5.732	84	185437	46.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
36) 1,2-Dichloropropane-d6	6.693	67	59530	48.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.100%
41) Toluene-d8	7.899	98	158292	43.492	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.980%
43) trans-1,3-Dichloroprop...	8.182	79	26239	43.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.760%
47) 2-Hexanone-d5	8.635	63	53672	91.374	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.370%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84615	45.037	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	60573	47.614	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	3745	4.015	ug/L	# 1
19) 1,1-Dichloroethane	3.877	63	28213	15.718	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	23186	13.543	ug/L	99
51) Chlorobenzene	9.449	112	3632	1.239	ug/L	98

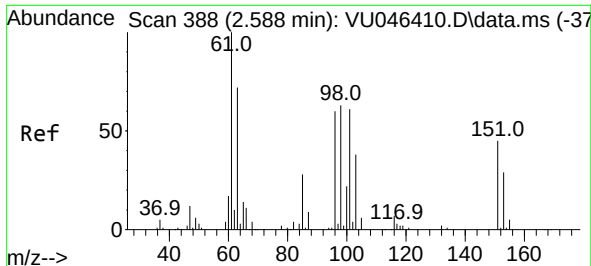
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.015 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU046432.D

Acq: 16 Dec 2021 19:25

Instrument :

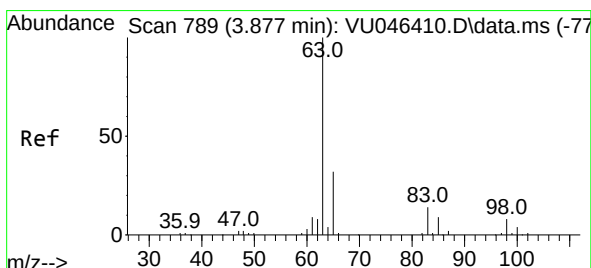
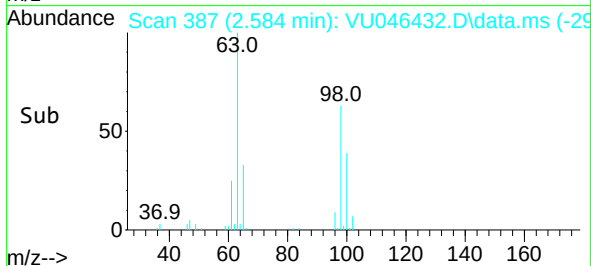
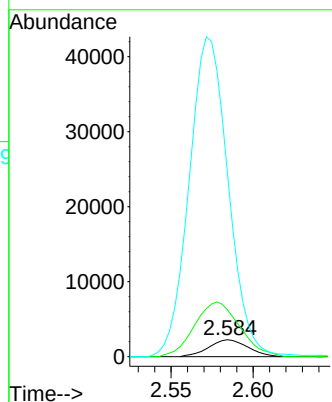
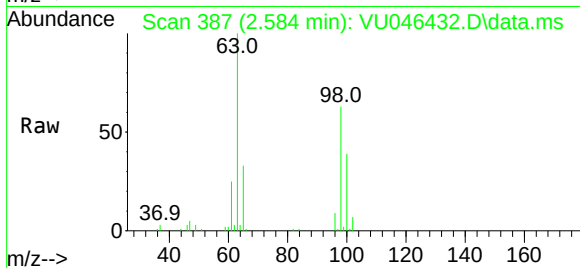
MSVOA_U

ClientSampleId :

C00Z0

Tgt Ion: 96 Resp: 3745

Ion	Ratio	Lower	Upper
96	100		
61	276.8	118.6	220.2#
63	1087.7	93.0	172.8#



#19

1,1-Dichloroethane

Concen: 15.718 ug/L

RT: 3.877 min Scan# 789

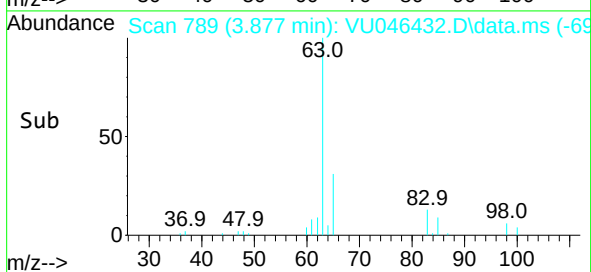
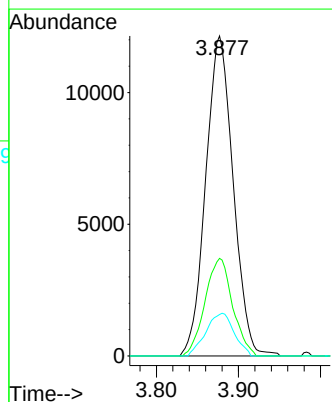
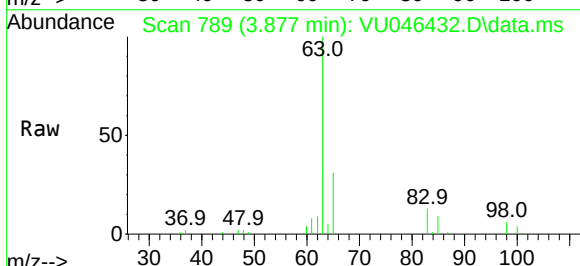
Delta R.T. -0.000 min

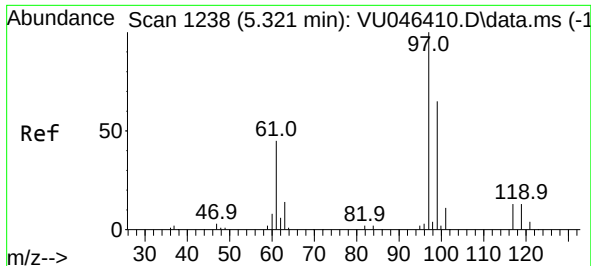
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Tgt Ion: 63 Resp: 28213

Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.8	42.4
83	12.9	9.6	17.8

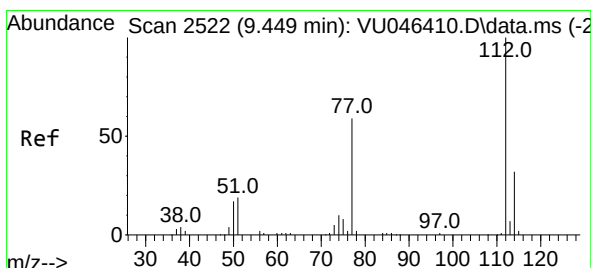
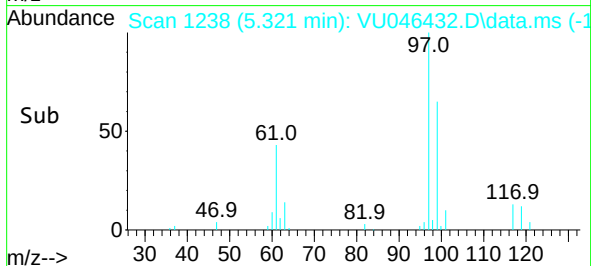
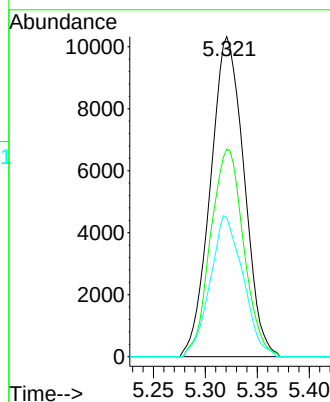
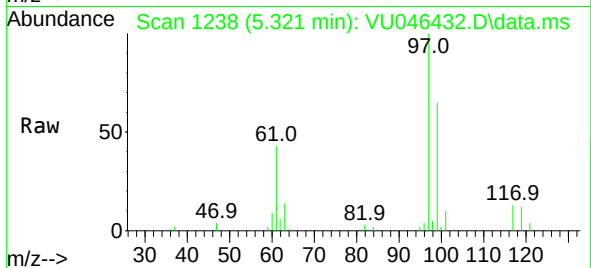




#30
1,1,1-Trichloroethane
Concen: 13.543 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
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Tgt Ion: 97	Resp:	23186
Ion	Ratio	Lower Upper
97	100	
99	63.8	51.8 77.6
61	43.0	34.4 51.6



#51
Chlorobenzene
Concen: 1.239 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
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Tgt Ion: 112	Resp:	3632
Ion	Ratio	Lower Upper
112	100	
114	29.9	22.2 41.2
77	58.5	47.4 71.0

