

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046253.D
 Acq On : 10 Dec 2021 04:01
 Operator : SY/MD
 Sample : M4982-18
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COCT4

Quant Time: Dec 10 05:26:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

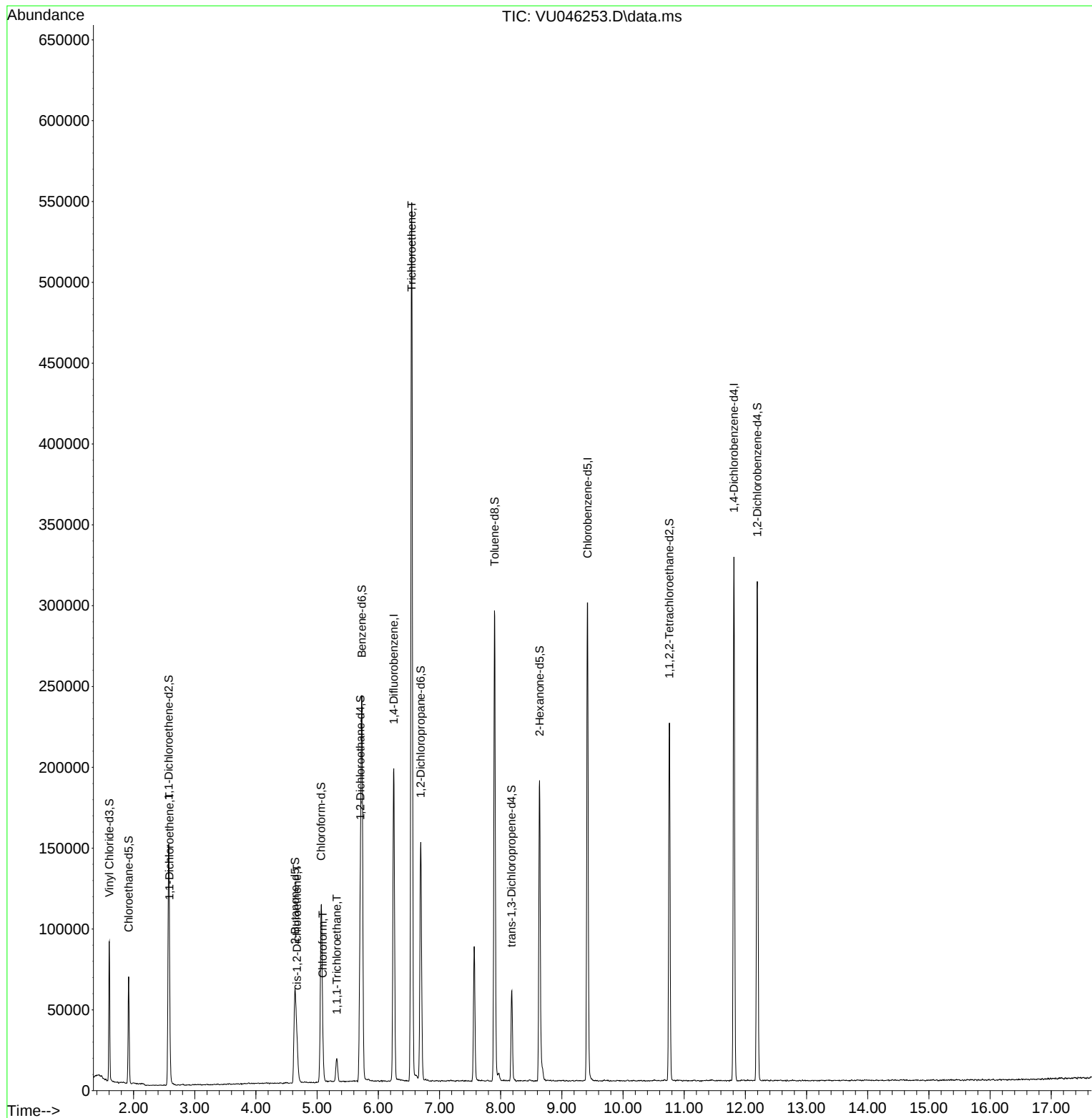
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	160018	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	169939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85416	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60236	45.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.400%
7) Chloroethane-d5	1.919	69	47198	46.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.280%
11) 1,1-Dichloroethene-d2	2.575	63	85904	36.303	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.600%
21) 2-Butanone-d5	4.639	46	97759	93.294	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.290%
24) Chloroform-d	5.067	84	102363	46.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.707	65	72397	49.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.020%
32) Benzene-d6	5.732	84	224238	46.038	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
36) 1,2-Dichloropropane-d6	6.694	67	71045	47.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.899	98	196125	44.224	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
43) trans-1,3-Dichloroprop...	8.179	79	32968	45.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.480%
47) 2-Hexanone-d5	8.636	63	66761	93.278	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	108653	47.462	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	80414	48.885	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.780%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	11104	10.036	ug/L	# 6
20) cis-1,2-Dichloroethene	4.671	96	7189	5.658	ug/L	94
25) Chloroform	5.092	83	11313	4.783	ug/L	91
30) 1,1,1-Trichloroethane	5.321	97	11135	5.338	ug/L	96
34) Trichloroethene	6.546	95	183746	135.607	ug/L	99

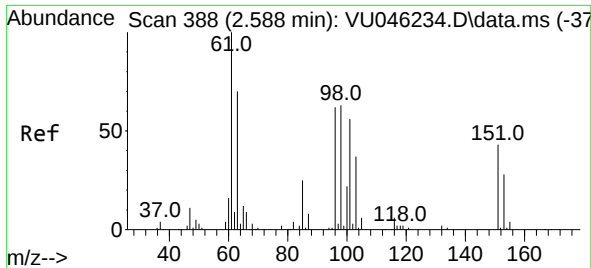
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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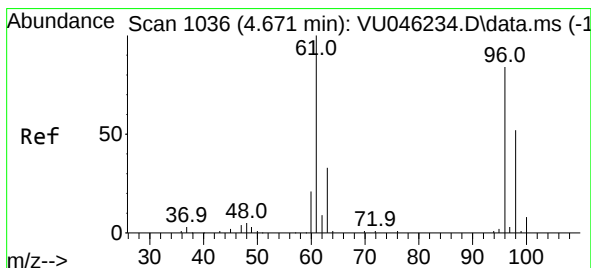
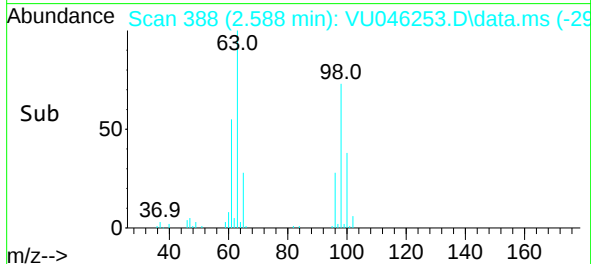
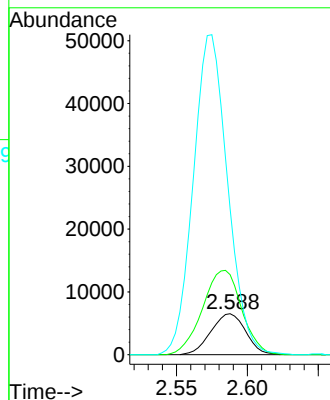
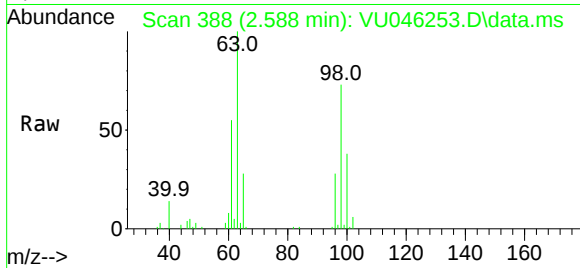




#12
1,1-Dichloroethene
Concen: 10.036 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU046253.D
Acq: 10 Dec 2021 04:01

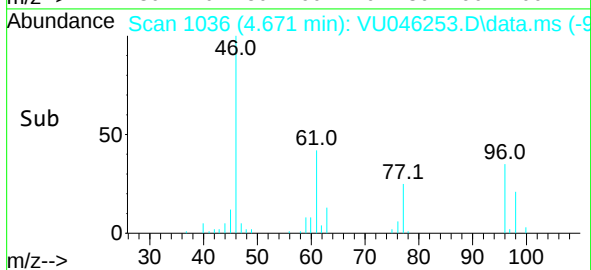
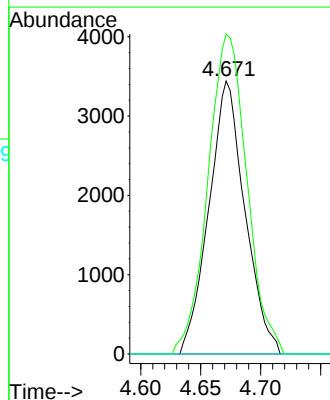
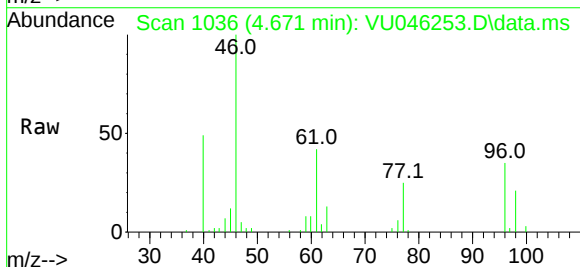
Instrument :
MSVOA_U
ClientSampleId :
C0CT4

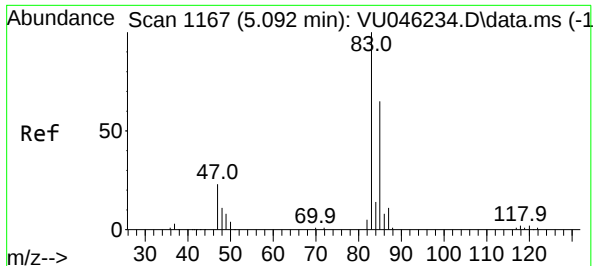
Tgt Ion: 96 Resp: 11104
Ion Ratio Lower Upper
96 100
61 195.7 118.6 220.2
63 356.8 93.0 172.8#



#20
cis-1,2-Dichloroethene
Concen: 5.658 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046253.D
Acq: 10 Dec 2021 04:01

Tgt Ion: 96 Resp: 7189
Ion Ratio Lower Upper
96 100
61 117.3 86.8 161.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 4.783 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046253.D

Acq: 10 Dec 2021 04:01

Instrument :

MSVOA_U

ClientSampleId :

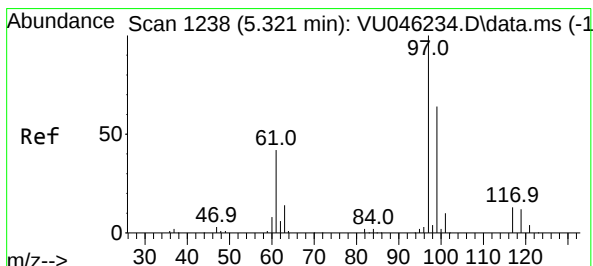
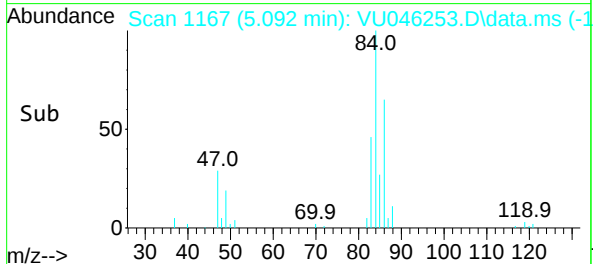
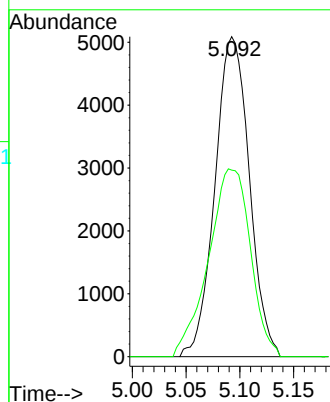
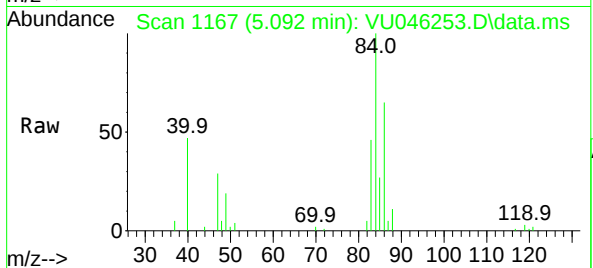
C0CT4

Tgt Ion: 83 Resp: 11313

Ion Ratio Lower Upper

83 100

85 58.3 45.8 85.2



#30

1,1,1-Trichloroethane

Concen: 5.338 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046253.D

Acq: 10 Dec 2021 04:01

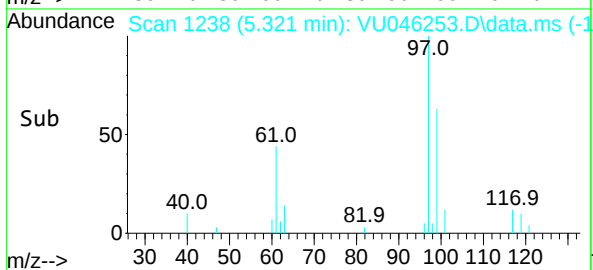
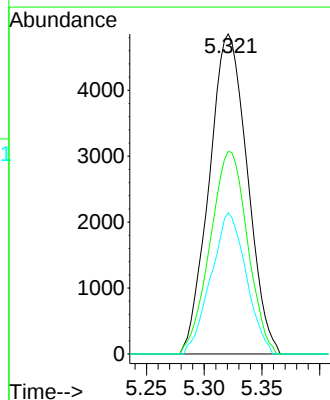
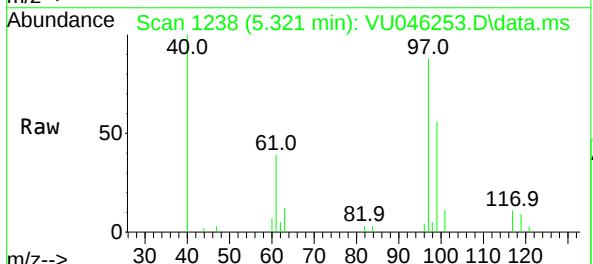
Tgt Ion: 97 Resp: 11135

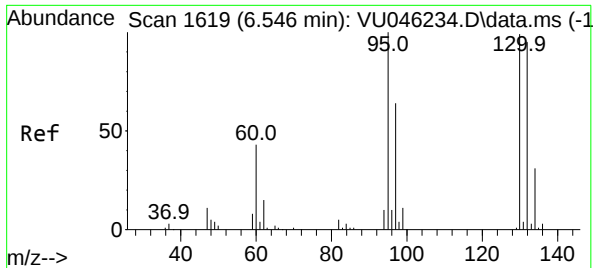
Ion Ratio Lower Upper

97 100

99 62.0 51.8 77.6

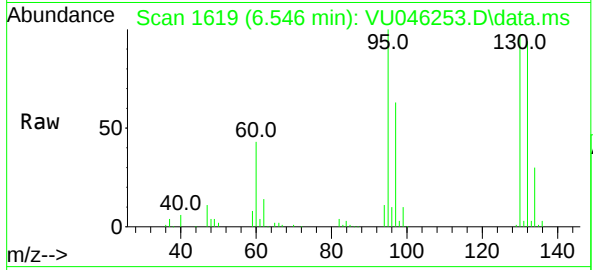
61 40.7 34.4 51.6





#34
 Trichloroethene
 Concen: 135.607 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU046253.D
 Acq: 10 Dec 2021 04:01

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CT4



Tgt Ion: 95 Resp: 183746

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.1	81.9
132	94.4	66.8	124.0
130	97.5	69.0	128.1

