

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046251.D
 Acq On : 10 Dec 2021 03:16
 Operator : SY/MD
 Sample : M4982-16
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COCT1

Quant Time: Dec 10 05:26:23 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)

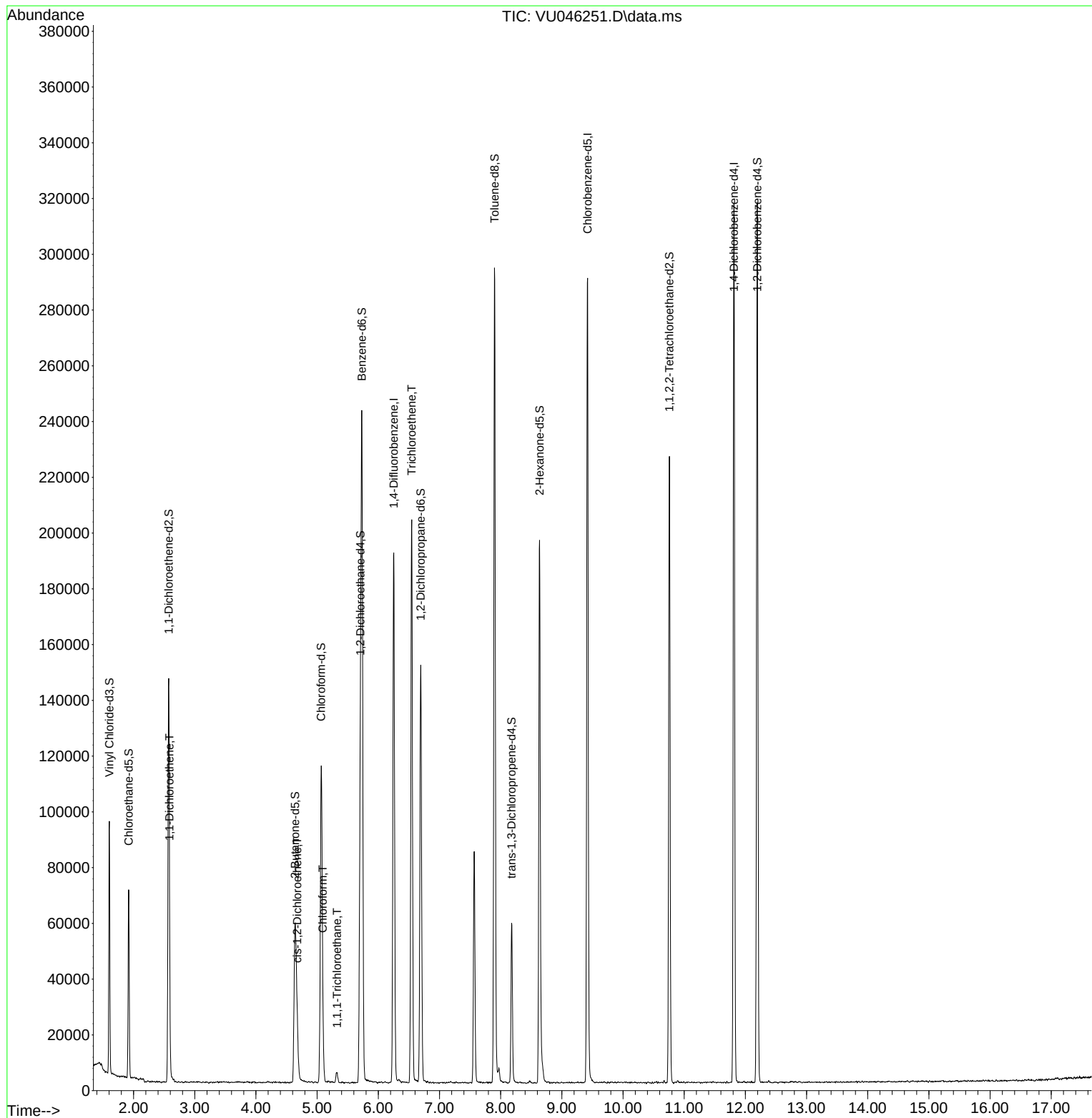
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	158034	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	168610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85034	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62941	48.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.700%
7) Chloroethane-d5	1.919	69	48093	48.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.240%
11) 1,1-Dichloroethene-d2	2.575	63	84807	36.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.580%
21) 2-Butanone-d5	4.639	46	100432	97.048	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.050%
24) Chloroform-d	5.067	84	104132	47.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.706	65	74961	51.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.760%
32) Benzene-d6	5.732	84	226664	46.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.694	67	71876	47.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.980%
41) Toluene-d8	7.899	98	201817	45.866	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.740%
43) trans-1,3-Dichloroprop...	8.179	79	33262	46.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.020%
47) 2-Hexanone-d5	8.636	63	69843	98.353	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.350%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	111524	49.100	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	82796	50.559	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.120%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	4946	4.526	ug/L	# 1
20) cis-1,2-Dichloroethene	4.674	96	5528	4.406	ug/L	88
25) Chloroform	5.092	83	10679	4.571	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	3377	1.632	ug/L	90
34) Trichloroethene	6.546	95	68454	50.918	ug/L	99

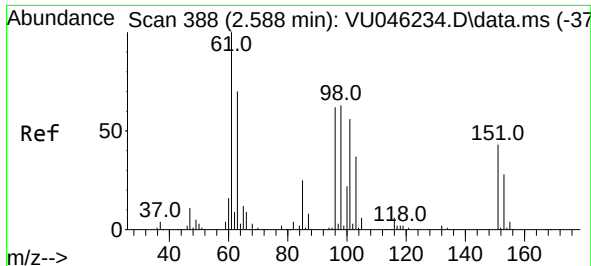
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.526 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.003 min

Lab File: VU046251.D

Acq: 10 Dec 2021 03:16

Instrument :

MSVOA_U

ClientSampleId :

C0CT1

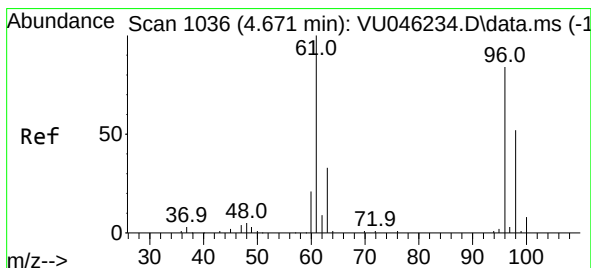
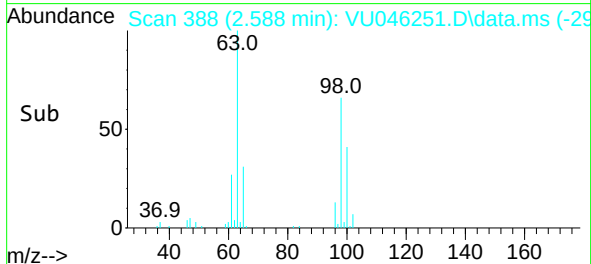
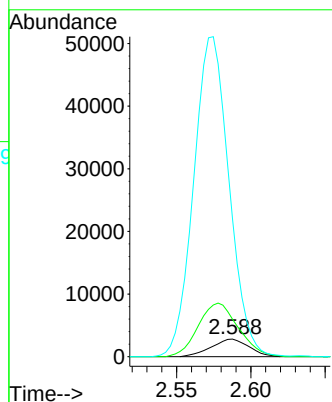
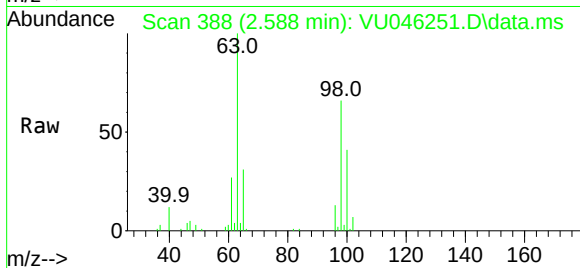
Tgt Ion: 96 Resp: 4946

Ion Ratio Lower Upper

96 100

61 212.9 118.6 220.2

63 782.4 93.0 172.8#



#20

cis-1,2-Dichloroethene

Concen: 4.406 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU046251.D

Acq: 10 Dec 2021 03:16

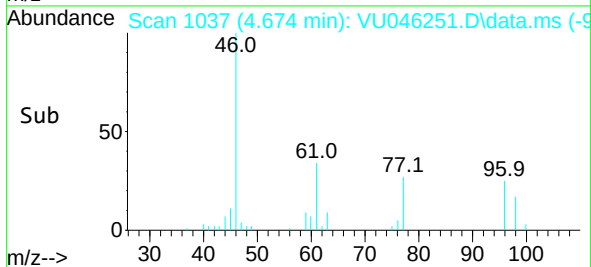
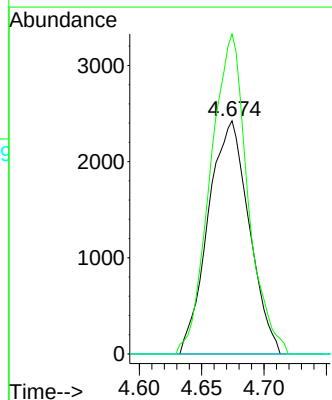
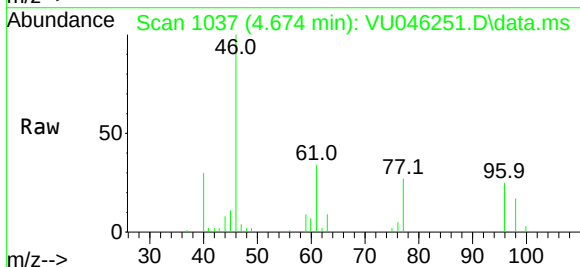
Tgt Ion: 96 Resp: 5528

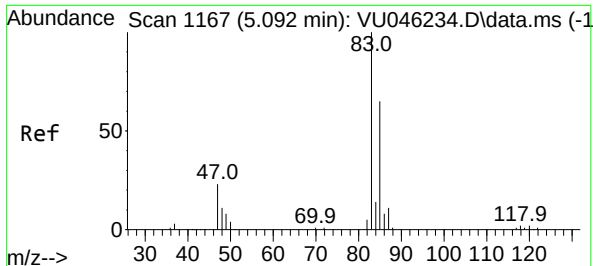
Ion Ratio Lower Upper

96 100

61 137.3 86.8 161.2

68 0.0 0.0 0.0





#25

Chloroform

Concen: 4.571 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046251.D

Acq: 10 Dec 2021 03:16

Instrument :

MSVOA_U

ClientSampleId :

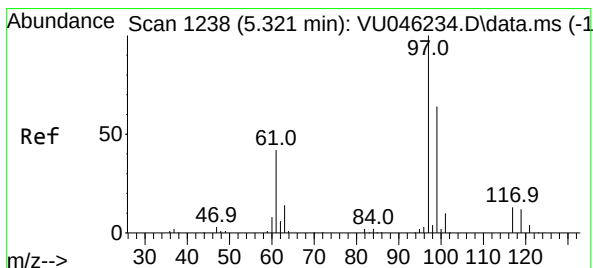
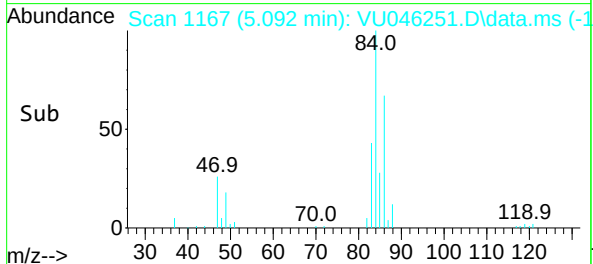
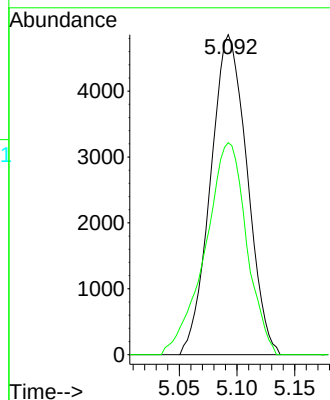
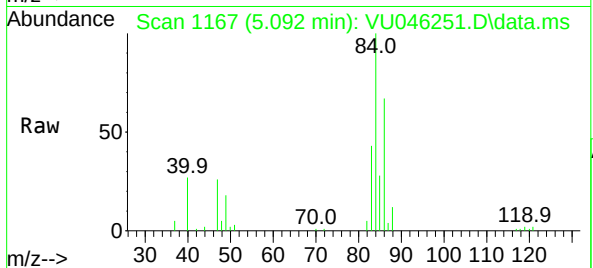
C0CT1

Tgt Ion: 83 Resp: 10679

Ion Ratio Lower Upper

83 100

85 66.2 45.8 85.2



#30

1,1,1-Trichloroethane

Concen: 1.632 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU046251.D

Acq: 10 Dec 2021 03:16

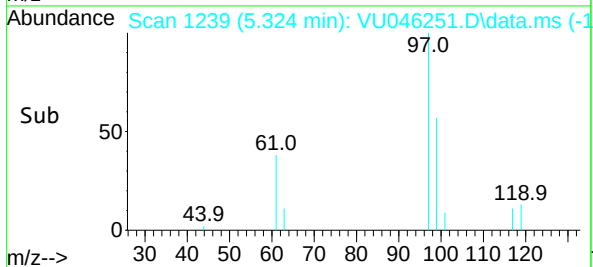
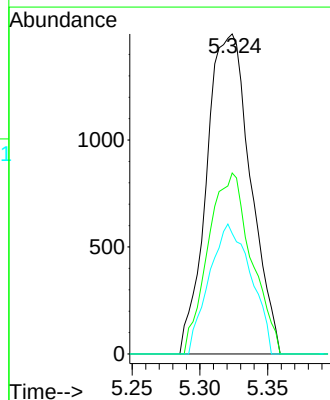
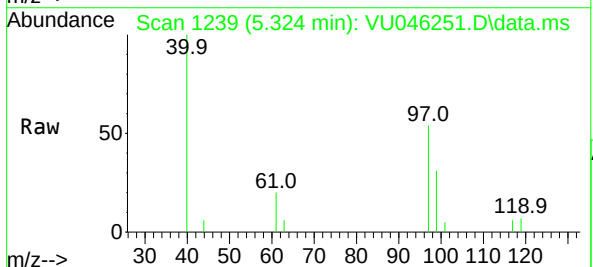
Tgt Ion: 97 Resp: 3377

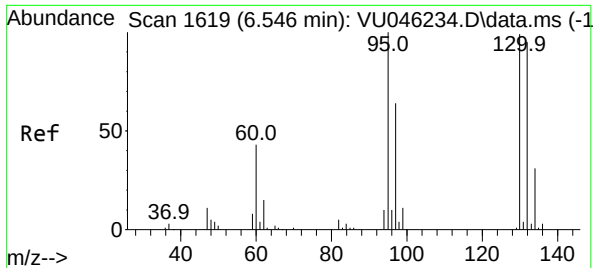
Ion Ratio Lower Upper

97 100

99 55.6 51.8 77.6

61 38.5 34.4 51.6





#34
 Trichloroethene
 Concen: 50.918 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU046251.D
 Acq: 10 Dec 2021 03:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CT1

Tgt Ion: 95 Resp: 68454

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.1	81.9
132	94.2	66.8	124.0
130	97.4	69.0	128.1

