

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046250.D
 Acq On : 10 Dec 2021 02:54
 Operator : SY/MD
 Sample : M4982-15
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COCT0

Quant Time: Dec 10 05:26:15 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)

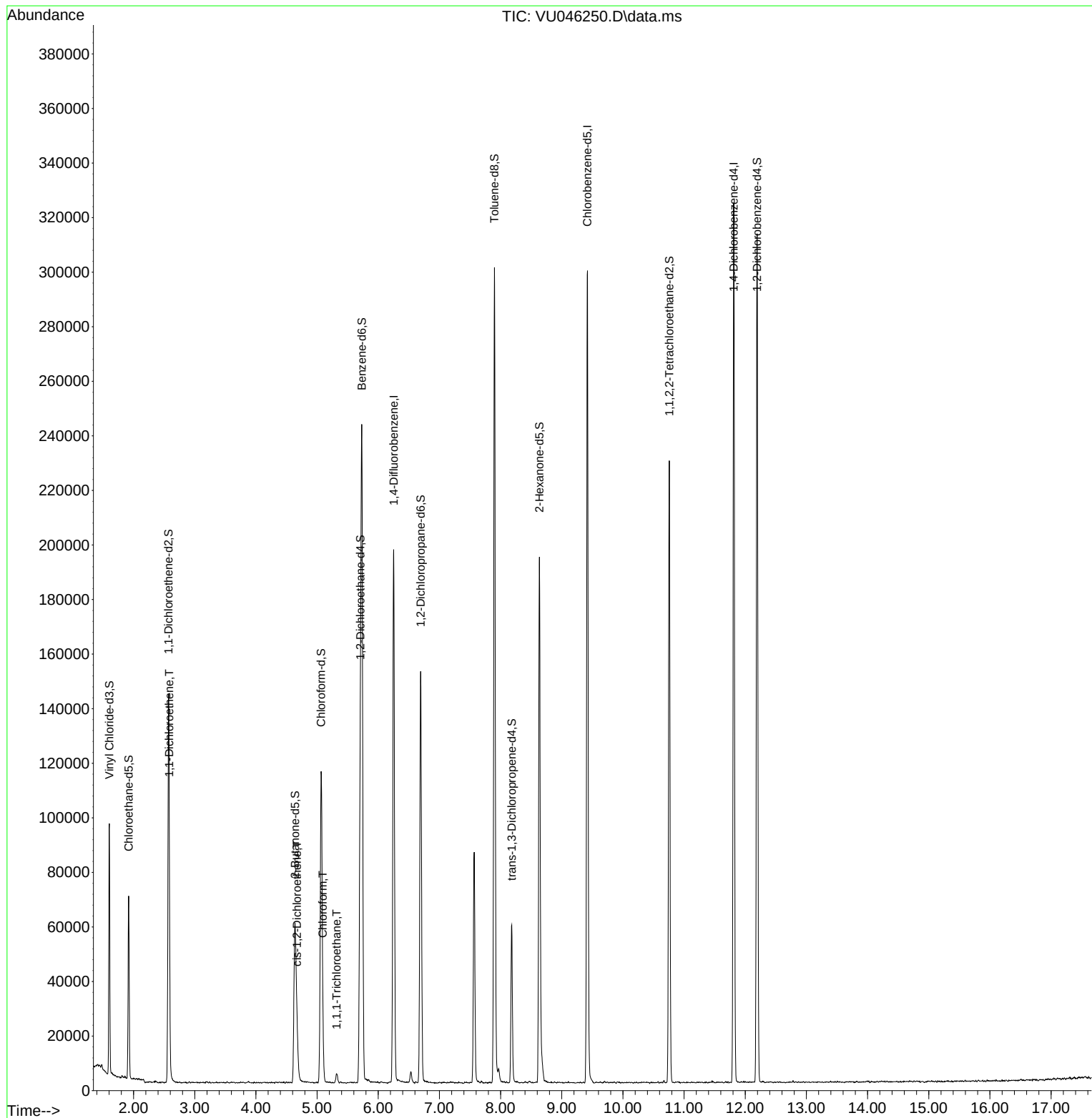
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	159428	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	169728	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85874	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64456	49.080	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.160%		
7) Chloroethane-d5	1.919	69	48535	48.134	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.260%		
11) 1,1-Dichloroethene-d2	2.572	63	84169	35.701	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.400%		
21) 2-Butanone-d5	4.639	46	100398	96.167	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.170%		
24) Chloroform-d	5.067	84	106309	48.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.940%		
26) 1,2-Dichloroethane-d4	5.706	65	74498	50.616	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.240%		
32) Benzene-d6	5.732	84	228229	46.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.840%		
36) 1,2-Dichloropropane-d6	6.694	67	71912	47.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.400%		
41) Toluene-d8	7.899	98	200927	45.363	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.720%		
43) trans-1,3-Dichloroprop...	8.182	79	34068	46.810	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.620%		
47) 2-Hexanone-d5	8.636	63	70141	98.122	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.120%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	111541	48.784	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.560%		
66) 1,2-Dichlorobenzene-d4	12.195	152	82116	49.654	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.300%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	4753	4.312	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	4660	3.681	ug/L	95
25) Chloroform	5.092	83	10623	4.508	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	2831	1.359	ug/L #	80

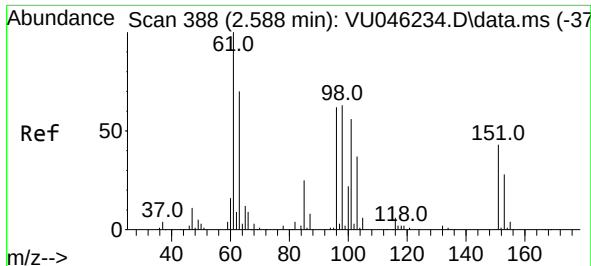
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.312 ug/L

RT: 2.584 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046250.D

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Instrument :

MSVOA_U

ClientSampleId :

COCT0

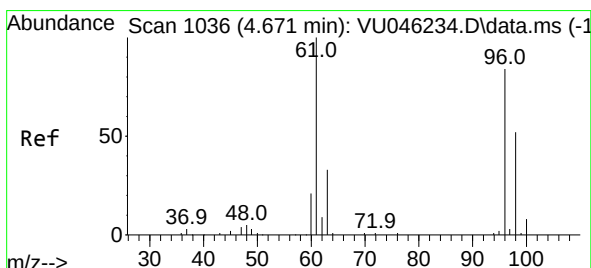
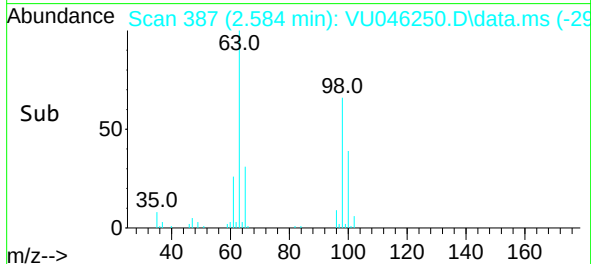
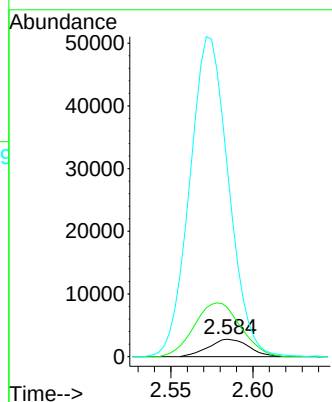
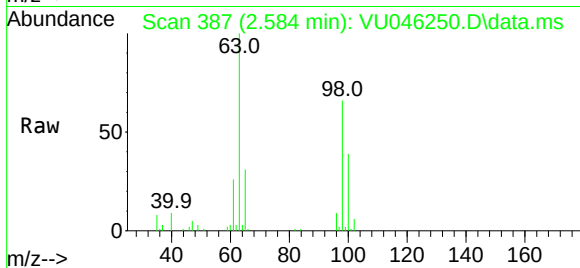
Tgt Ion: 96 Resp: 4753

Ion Ratio Lower Upper

96 100

61 281.9 118.6 220.2#

63 1082.1 93.0 172.8#



#20

cis-1,2-Dichloroethene

Concen: 3.681 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046250.D

Acq: 10 Dec 2021 02:54

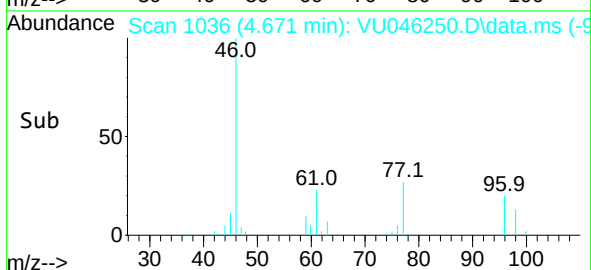
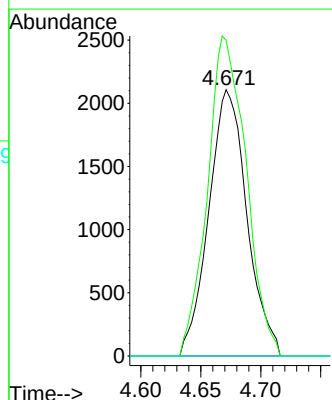
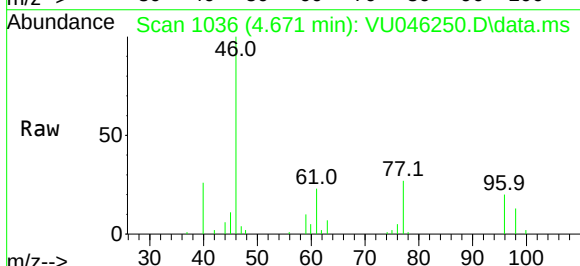
Tgt Ion: 96 Resp: 4660

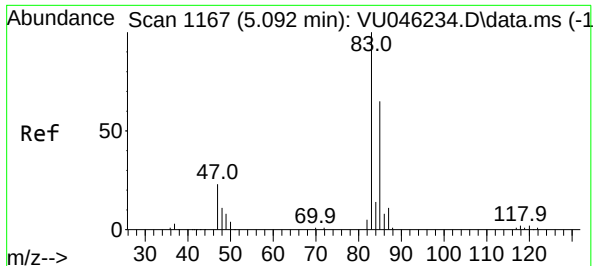
Ion Ratio Lower Upper

96 100

61 118.6 86.8 161.2

68 0.0 0.0 0.0





#25

Chloroform

Concen: 4.508 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

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MSVOA_U

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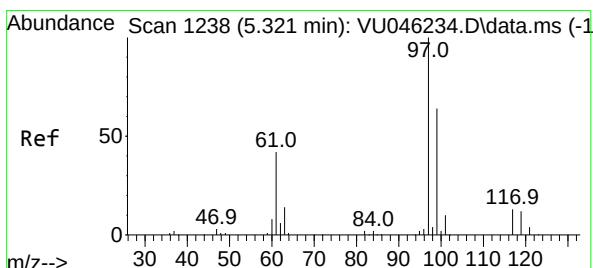
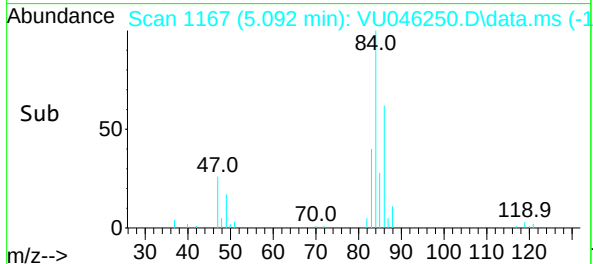
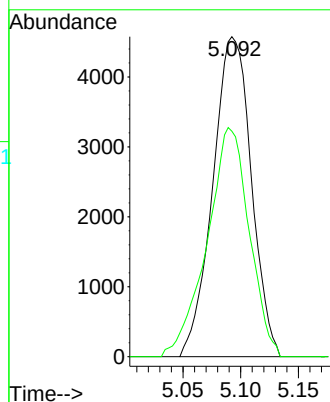
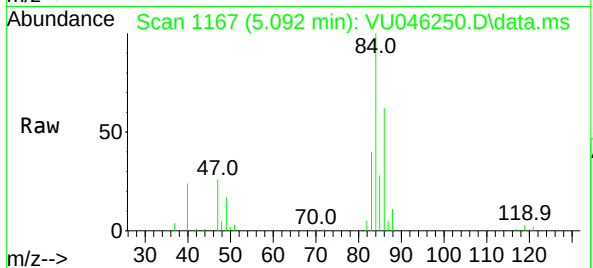
COCT0

Tgt Ion: 83 Resp: 10623

Ion Ratio Lower Upper

83 100

85 70.4 45.8 85.2



#30

1,1,1-Trichloroethane

Concen: 1.359 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU046250.D

Acq: 10 Dec 2021 02:54

Tgt Ion: 97 Resp: 2831

Ion Ratio Lower Upper

97 100

99 58.7 51.8 77.6

61 18.2 34.4 51.6#

