

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046182.D
 Acq On : 08 Dec 2021 17:45
 Operator : SY/MD
 Sample : VU1208MBL02
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:21:01 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)

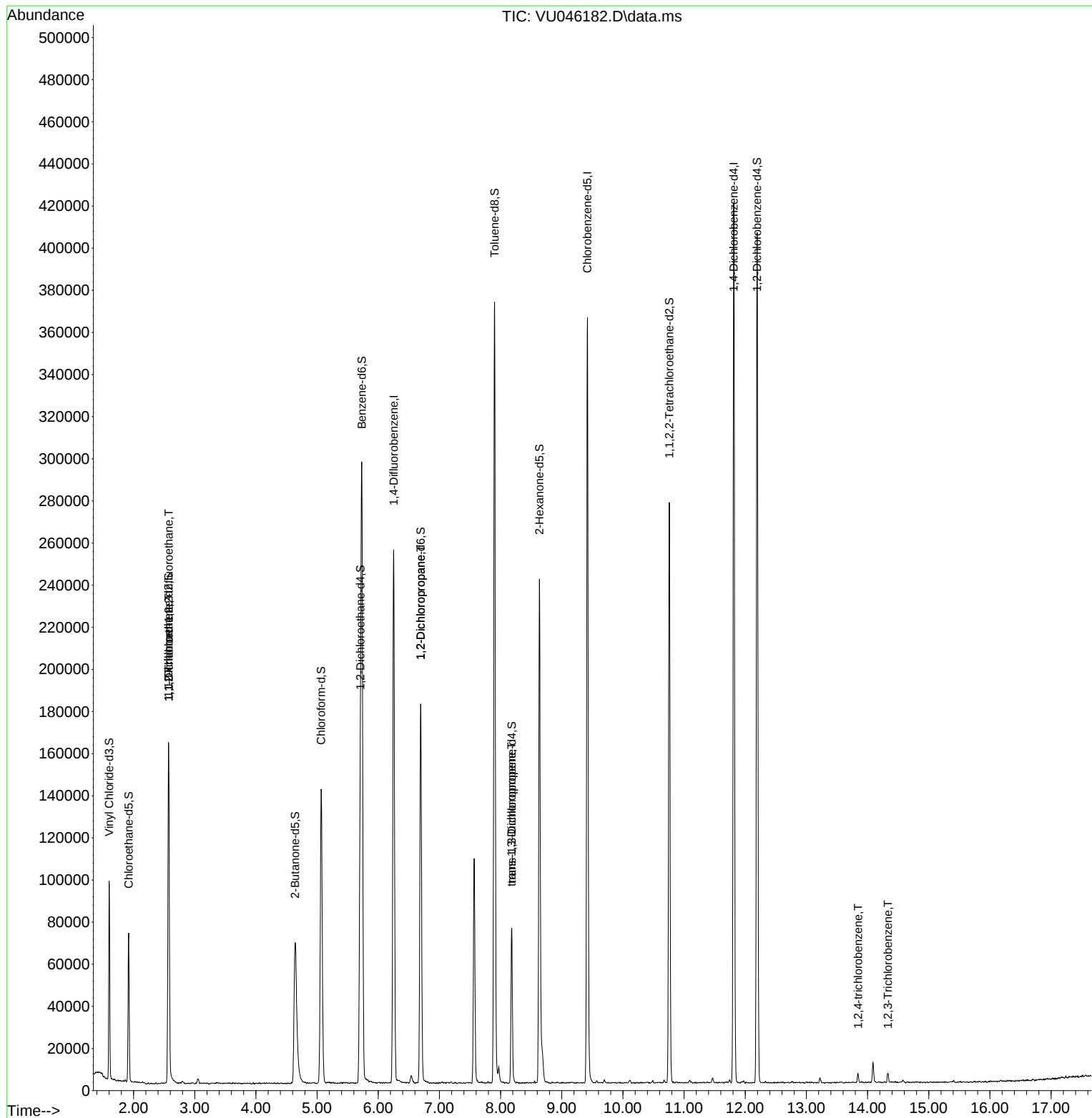
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	217426	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	212153	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112808	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66241	36.985	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.960%		
7) Chloroethane-d5	1.919	69	52097	37.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.760%		
11) 1,1-Dichloroethene-d2	2.571	63	96104	29.890	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.780%#		
21) 2-Butanone-d5	4.642	46	132928	93.362	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.360%		
24) Chloroform-d	5.066	84	132215	44.205	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
26) 1,2-Dichloroethane-d4	5.706	65	89119	44.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.800%		
32) Benzene-d6	5.732	84	282987	46.539	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.080%		
36) 1,2-Dichloropropane-d6	6.693	67	87947	46.668	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.340%		
41) Toluene-d8	7.902	98	259000	46.781	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.560%		
43) trans-1,3-Dichloroprop...	8.182	79	41679	45.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.640%		
47) 2-Hexanone-d5	8.635	63	89353	100.002	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.000%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	135215	47.312	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.620%		
66) 1,2-Dichlorobenzene-d4	12.195	152	109545	50.424	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.840%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	864	0.546	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	764	0.508	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	9019	5.362	ug/L #	86
44) trans-1,3-Dichloropropene	8.179	75	1615	0.643	ug/L #	77
70) 1,2,4-trichlorobenzene	13.844	180	1803	0.800	ug/L	88
72) 1,2,3-Trichlorobenzene	14.333	180	1921	0.836	ug/L	94

(#) = 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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.546 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU046182.D

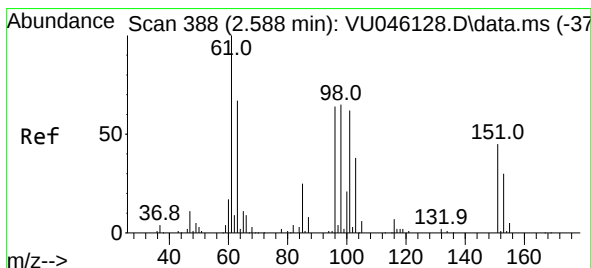
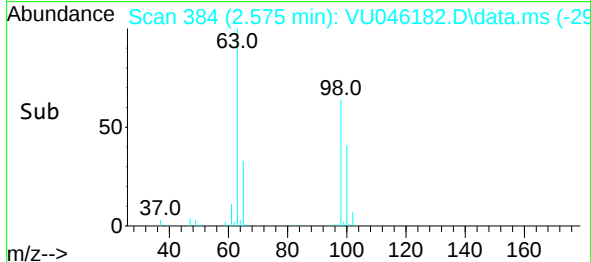
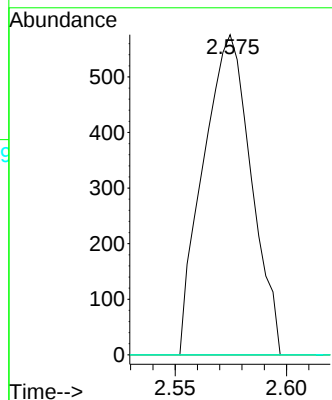
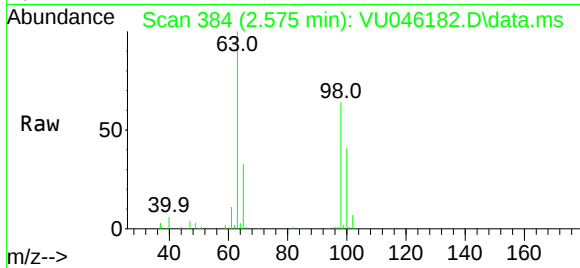
Acq: 08 Dec 2021 17:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	864
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#



#12

1,1-Dichloroethene

Concen: 0.508 ug/L

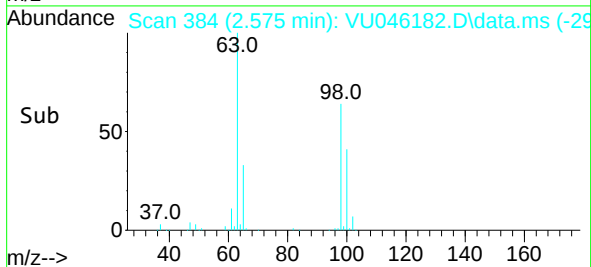
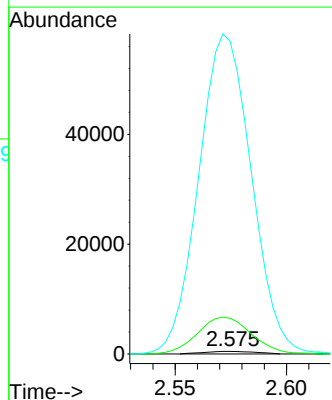
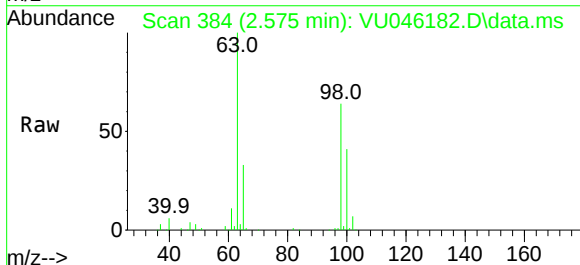
RT: 2.575 min Scan# 384

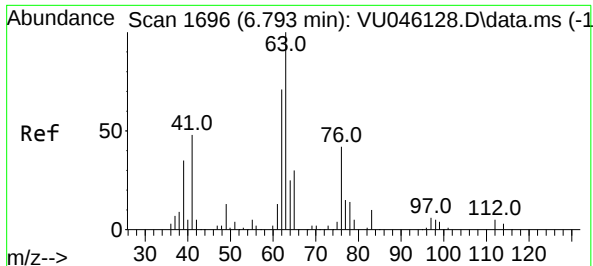
Delta R.T. -0.010 min

Lab File: VU046182.D

Acq: 08 Dec 2021 17:45

Tgt Ion:	96	Resp:	764
Ion	Ratio	Lower	Upper
96	100		
61	1357.4	118.6	220.2#
63	11889.8	93.0	172.8#





#37

1,2-Dichloropropane

Concen: 5.362 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046182.D

Acq: 08 Dec 2021 17:45

Instrument :

MSVOA_U

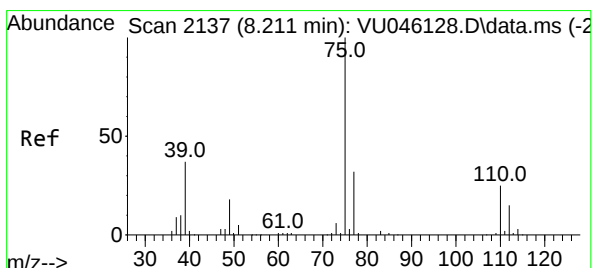
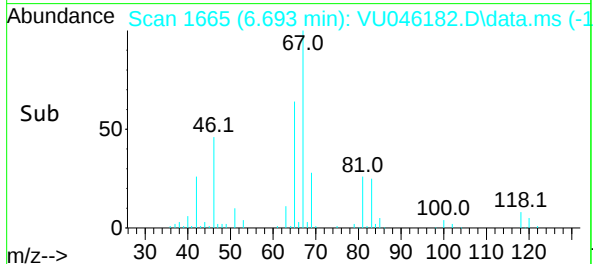
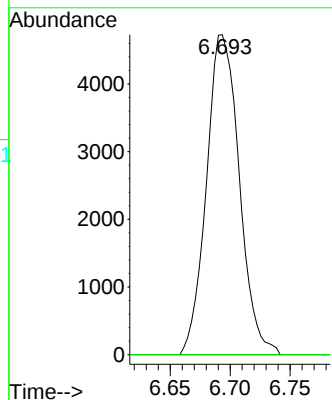
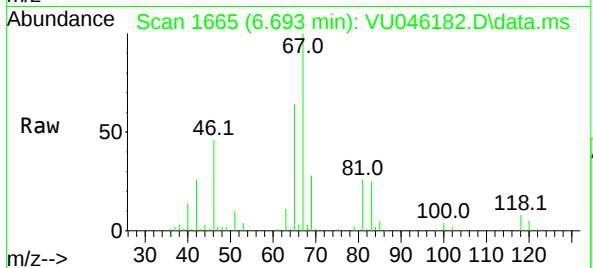
ClientSampleId :

Tgt Ion: 63 Resp: 9019

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.643 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.036 min

Lab File: VU046182.D

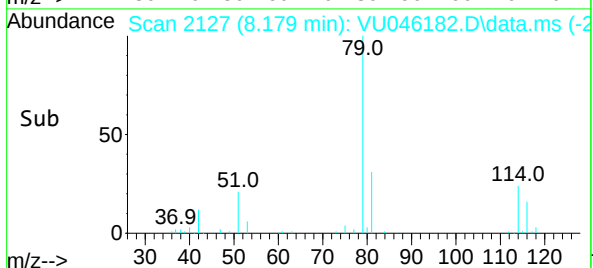
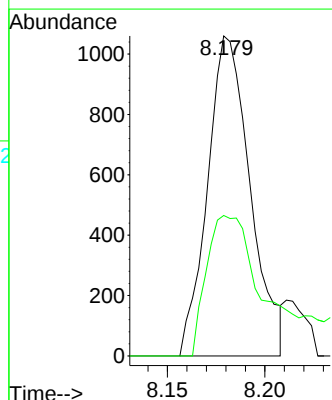
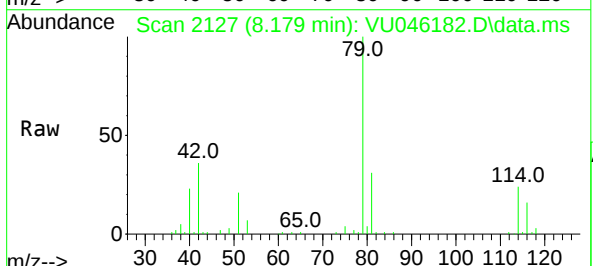
Acq: 08 Dec 2021 17:45

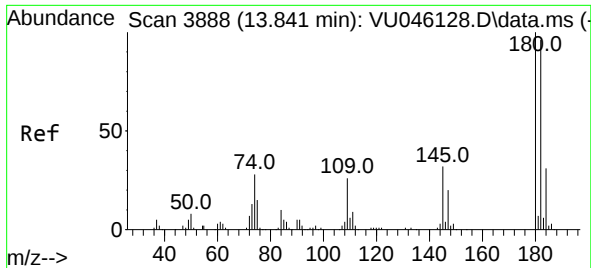
Tgt Ion: 75 Resp: 1615

Ion Ratio Lower Upper

75 100

77 43.9 21.7 40.3#

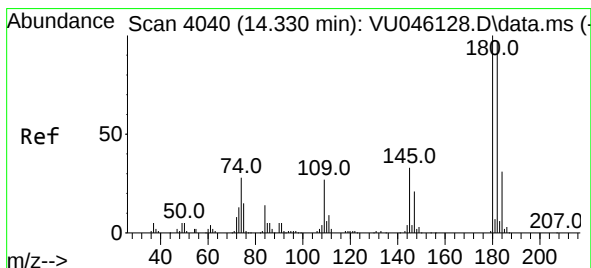
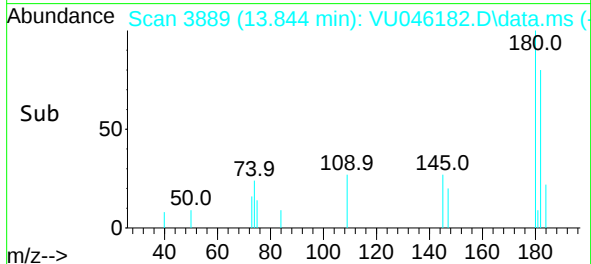
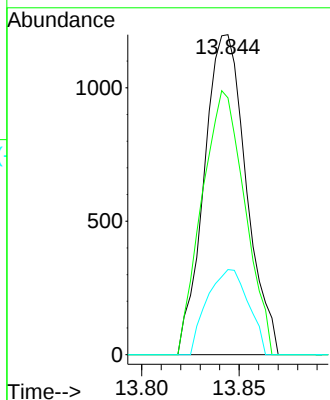
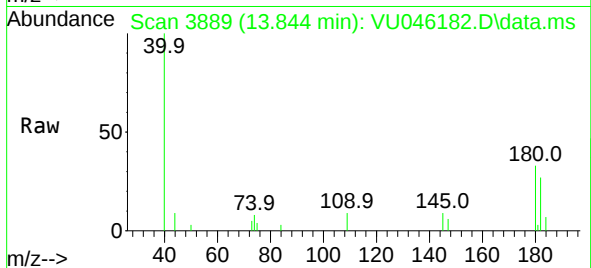




#70
1,2,4-trichlorobenzene
Concen: 0.800 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU046182.D
Acq: 08 Dec 2021 17:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 1803
Ion Ratio Lower Upper
180 100
182 84.0 76.7 115.1
145 26.0 26.0 39.0



#72
1,2,3-Trichlorobenzene
Concen: 0.836 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU046182.D
Acq: 08 Dec 2021 17:45

Tgt Ion:180 Resp: 1921
Ion Ratio Lower Upper
180 100
182 87.3 76.0 114.0
145 34.7 27.3 40.9

