

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046384.D
 Acq On : 15 Dec 2021 01:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK011

Quant Time: Dec 15 03:48:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

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

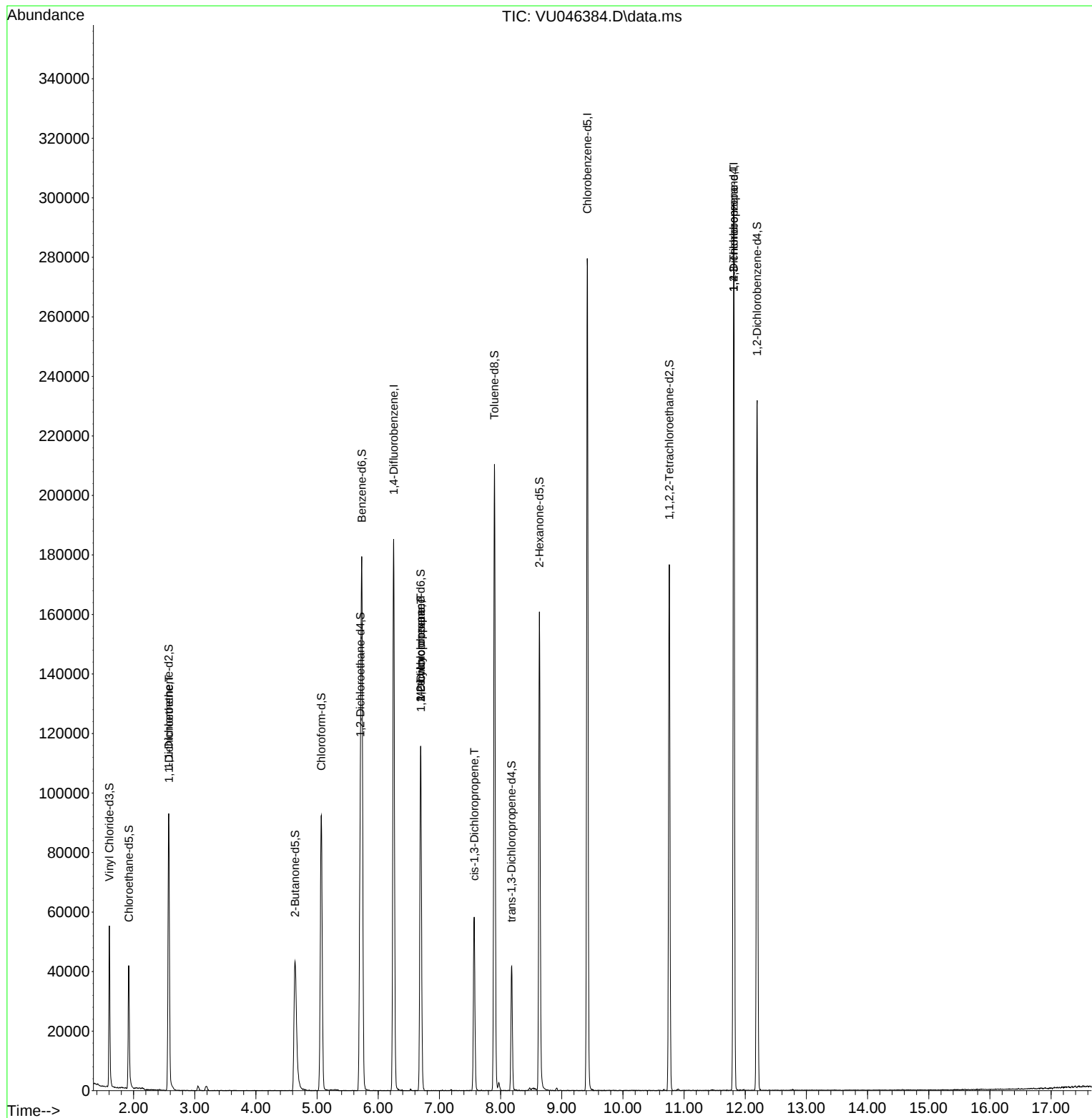
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	148910	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	152737	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76801	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41054	33.469	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.940%
7) Chloroethane-d5	1.922	69	33754	35.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.680%
11) 1,1-Dichloroethene-d2	2.575	63	56684	25.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.480%#
21) 2-Butanone-d5	4.639	46	79610	81.641	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.640%
24) Chloroform-d	5.070	84	88630	43.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.540%
26) 1,2-Dichloroethane-d4	5.707	65	59669	43.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
32) Benzene-d6	5.732	84	164867	37.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.320%
36) 1,2-Dichloropropane-d6	6.694	67	53055	39.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.220%
41) Toluene-d8	7.899	98	139409	34.976	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.960%#
43) trans-1,3-Dichloroprop...	8.179	79	24442	37.320	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.640%
47) 2-Hexanone-d5	8.636	63	57692	89.685	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84467	41.053	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	58674	39.670	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.340%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	438	0.425	ug/L #	1
35) Methylcyclohexane	6.694	83	13438	7.116	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	5991	4.947	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1370	0.744	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	9248	5.493	ug/L #	65

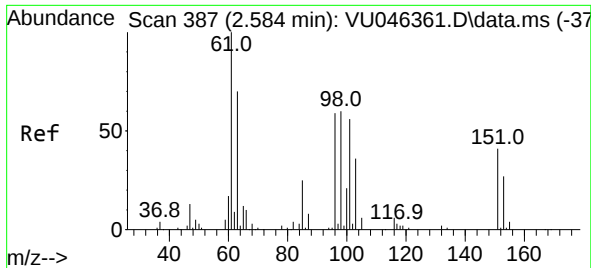
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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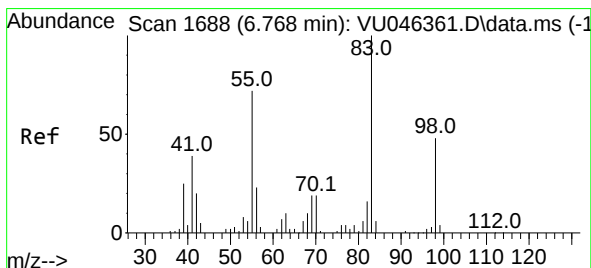
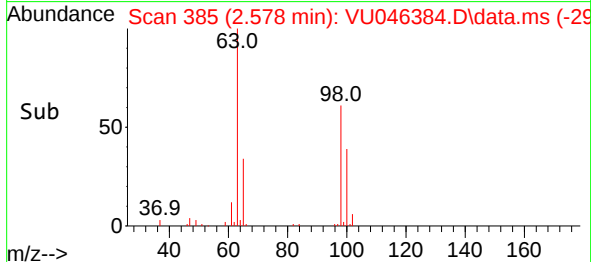
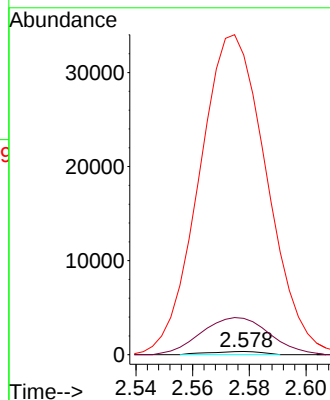
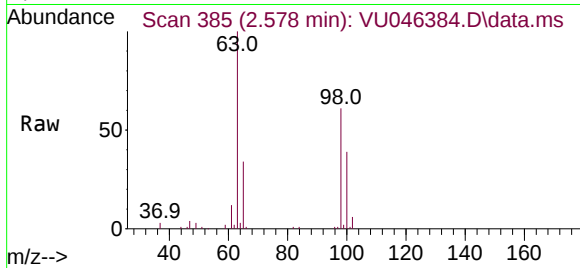




#12
1,1-Dichloroethene
Concen: 0.425 ug/L
RT: 2.578 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU046384.D
Acq: 15 Dec 2021 01:54

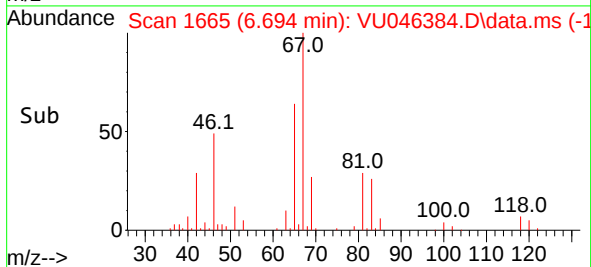
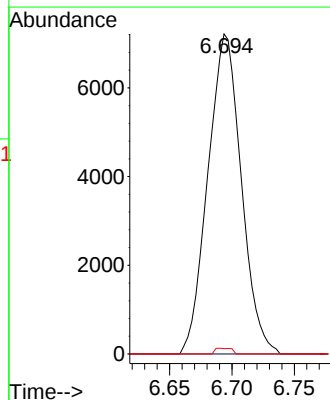
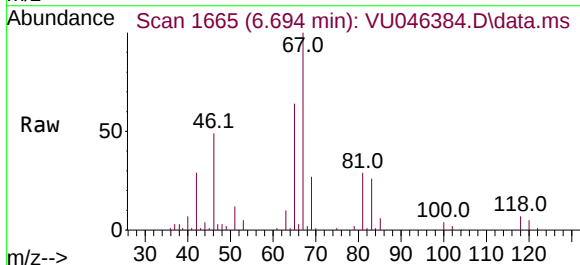
Instrument :
MSVOA_U
ClientSampleId :
VIBLK011

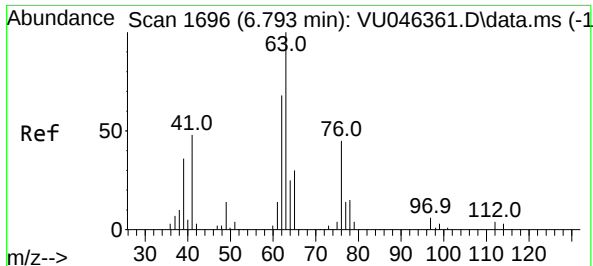
Tgt Ion: 96 Resp: 438
Ion Ratio Lower Upper
96 100
61 1143.5 118.6 220.2#
63 9427.2 93.0 172.8#



#35
Methylcyclohexane
Concen: 7.116 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046384.D
Acq: 15 Dec 2021 01:54

Tgt Ion: 83 Resp: 13438
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 4.947 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU046384.D

Acq: 15 Dec 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

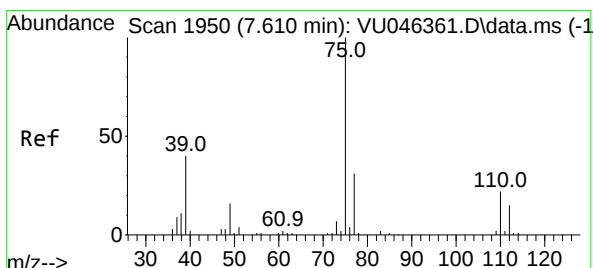
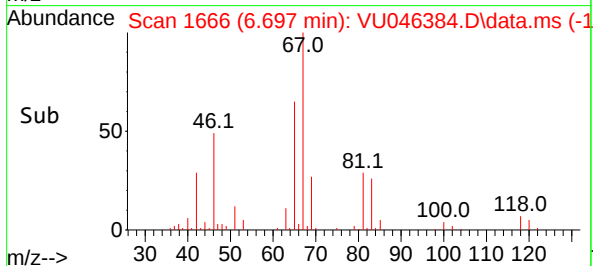
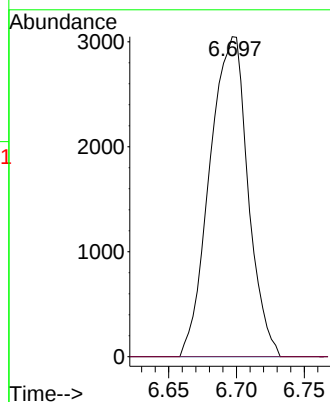
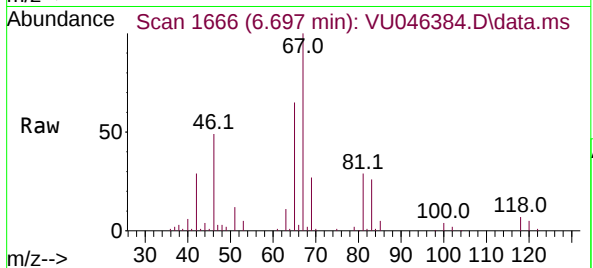
VIBLK011

Tgt Ion: 63 Resp: 5991

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046384.D

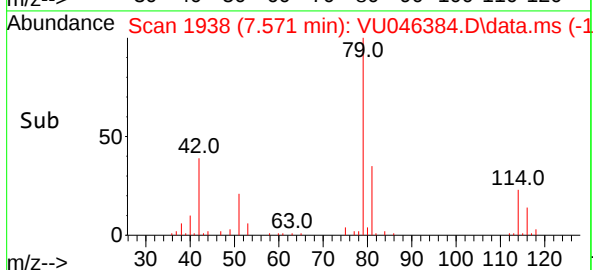
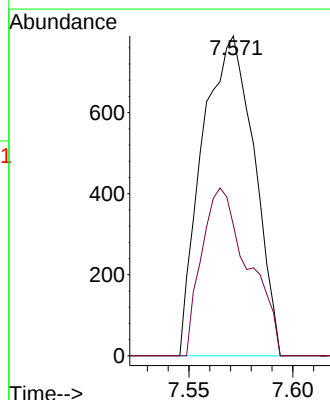
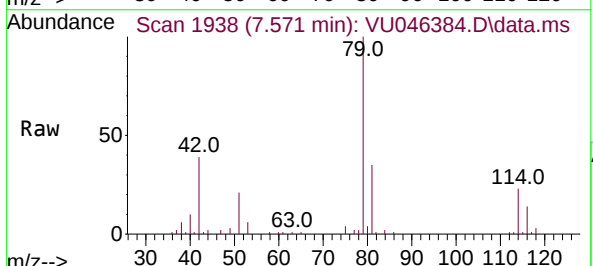
Acq: 15 Dec 2021 01:54

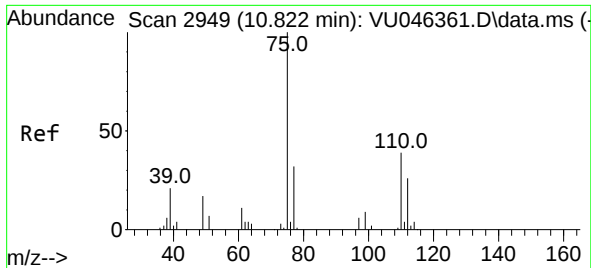
Tgt Ion: 75 Resp: 1370

Ion Ratio Lower Upper

75 100

77 40.9 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.493 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046384.D
 Acq: 15 Dec 2021 01:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK011

Tgt Ion: 75 Resp: 9248
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.4 39.6
 110 2.2 32.4 48.6#

