

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046111.D
 Acq On : 06 Dec 2021 14:57
 Operator : SY/MD
 Sample : M4938-02 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

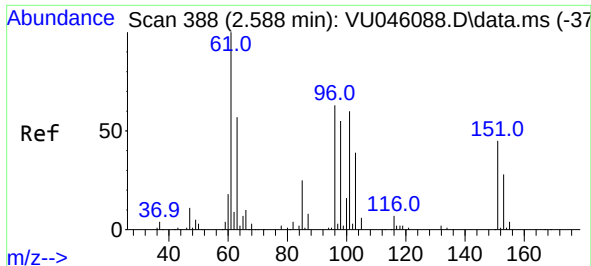
Quant Time: Dec 07 01:10:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	211282	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	206924	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107454	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	64317	36.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.900%
7) Chloroethane-d5	1.915	69	47548	35.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.160%
11) 1,1-Dichloroethene-d2	2.571	63	95716	30.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.280%
21) 2-Butanone-d5	4.632	46	107934	78.012	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.010%
24) Chloroform-d	5.066	84	122404	42.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.220%
26) 1,2-Dichloroethane-d4	5.703	65	83552	42.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.680%
32) Benzene-d6	5.732	84	270225	45.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
36) 1,2-Dichloropropane-d6	6.693	67	82455	44.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.720%
41) Toluene-d8	7.899	98	246018	45.559	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	8.179	79	38663	43.574	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.140%
47) 2-Hexanone-d5	8.632	63	78820	90.443	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	117203	42.046	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	98614	47.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	909	0.591	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	667	0.457	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1348	0.582	ug/L #	73
37) 1,2-Dichloropropane	6.693	63	8800	5.364	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2386	0.956	ug/L #	74
60) 1,2,3-Trichloropropane	11.812	75	12233	5.193	ug/L #	66

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

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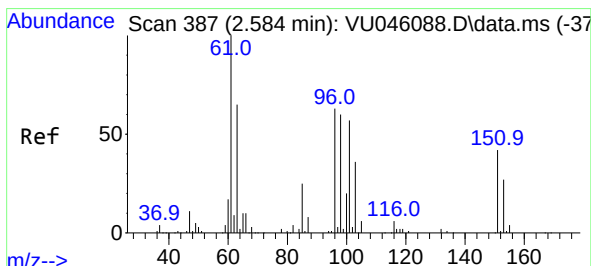
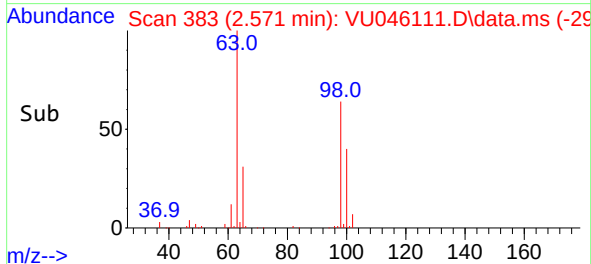
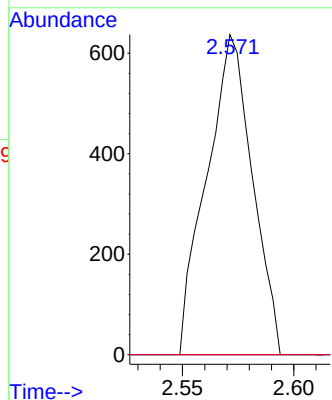
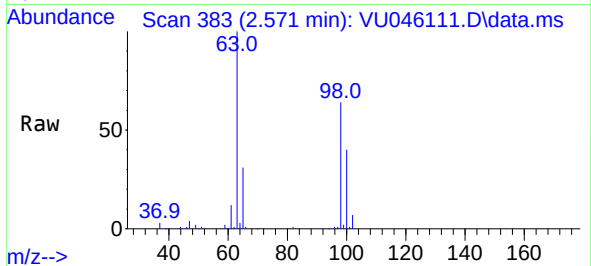




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.591 ug/L
RT: 2.571 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU046111.D
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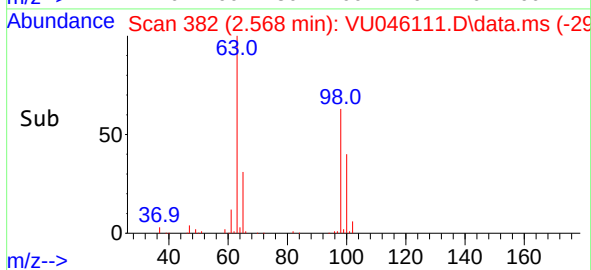
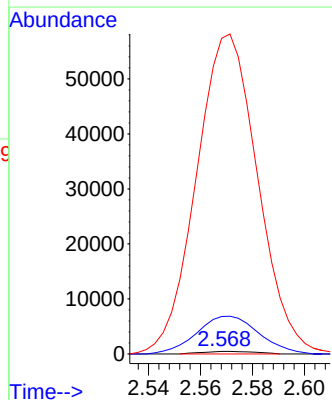
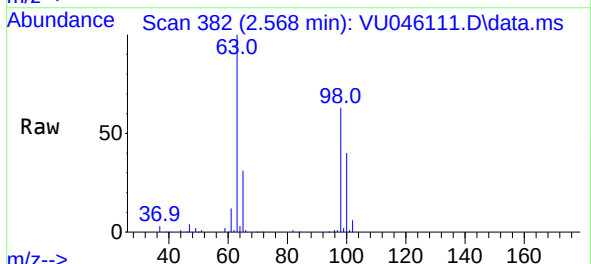
Instrument :
MSVOA_U
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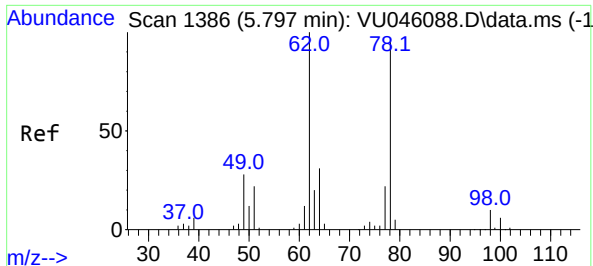
Tgt Ion:101 Resp: 909
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.457 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046111.D
Acq: 06 Dec 2021 14:57

Tgt Ion: 96 Resp: 667
Ion Ratio Lower Upper
96 100
61 1452.0 118.6 220.2#
63 12237.1 93.0 172.8#

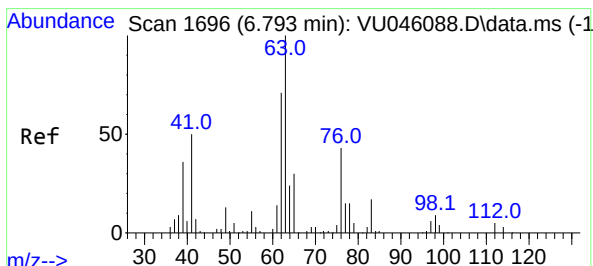
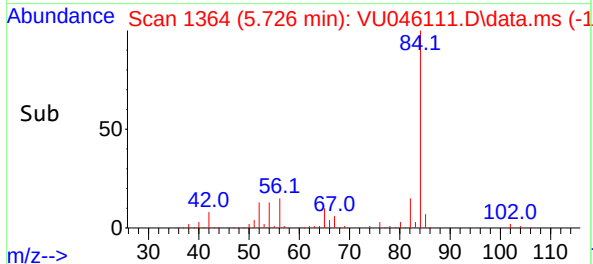
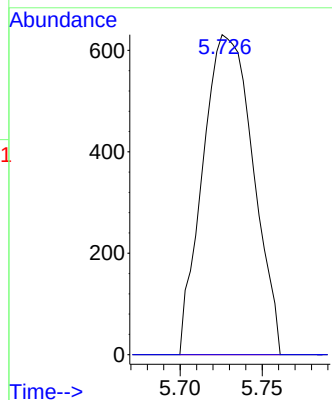
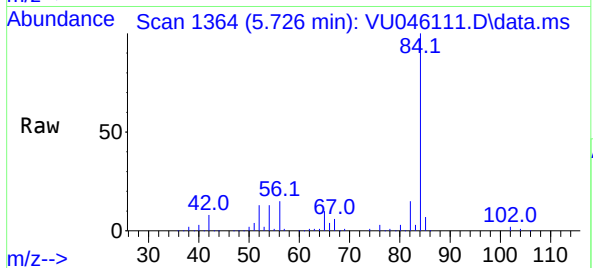




#27
1,2-Dichloroethane
Concen: 0.582 ug/L
RT: 5.726 min Scan# 11
Delta R.T. -0.074 min
Lab File: VU046111.D
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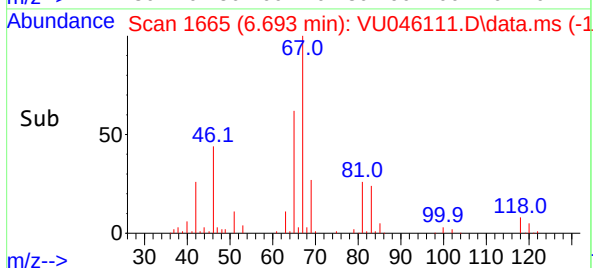
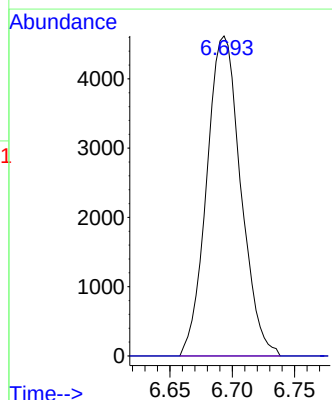
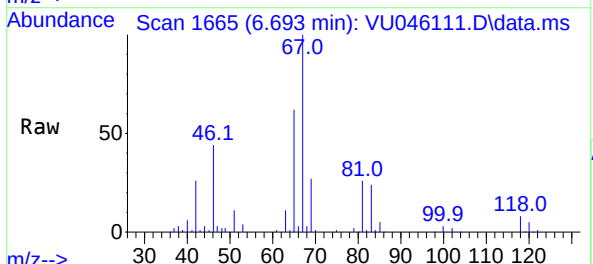
Instrument :
MSVOA_U
ClientSampleId :

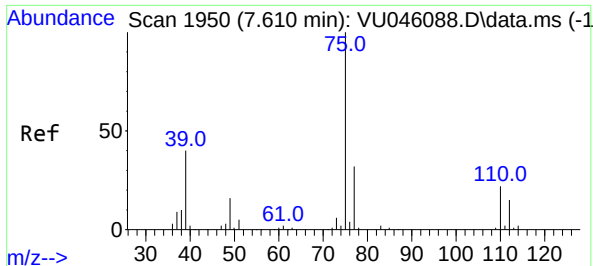
Tgt Ion: 62 Resp: 1348
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#37
1,2-Dichloropropane
Concen: 5.364 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046111.D
Acq: 06 Dec 2021 14:57

Tgt Ion: 63 Resp: 8800
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.956 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046111.D

Acq: 06 Dec 2021 14:57

Instrument :

MSVOA_U

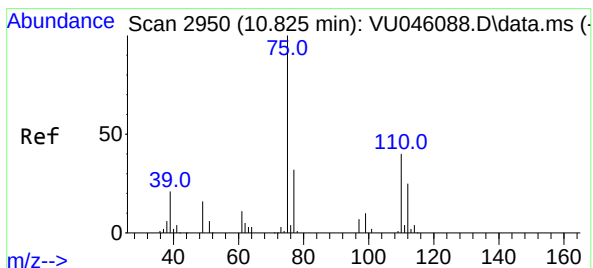
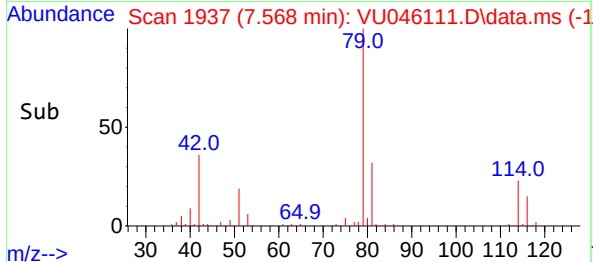
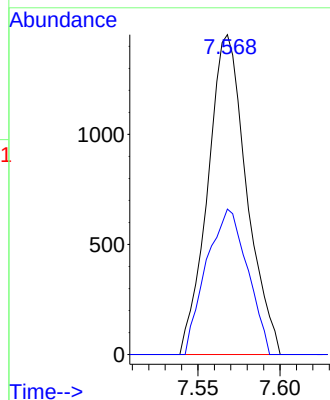
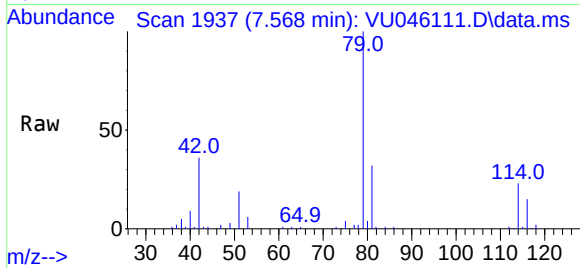
ClientSampleId :

Tgt Ion: 75 Resp: 2386

Ion Ratio Lower Upper

75 100

77 45.5 21.8 40.6#



#60

1,2,3-Trichloropropane

Concen: 5.193 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046111.D

Acq: 06 Dec 2021 14:57

Tgt Ion: 75 Resp: 12233

Ion Ratio Lower Upper

75 100

77 33.0 26.4 39.6

110 1.8 32.4 48.6#

