

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046117.D
 Acq On : 06 Dec 2021 17:34
 Operator : SY/MD
 Sample : M4938-07 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:12:04 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)

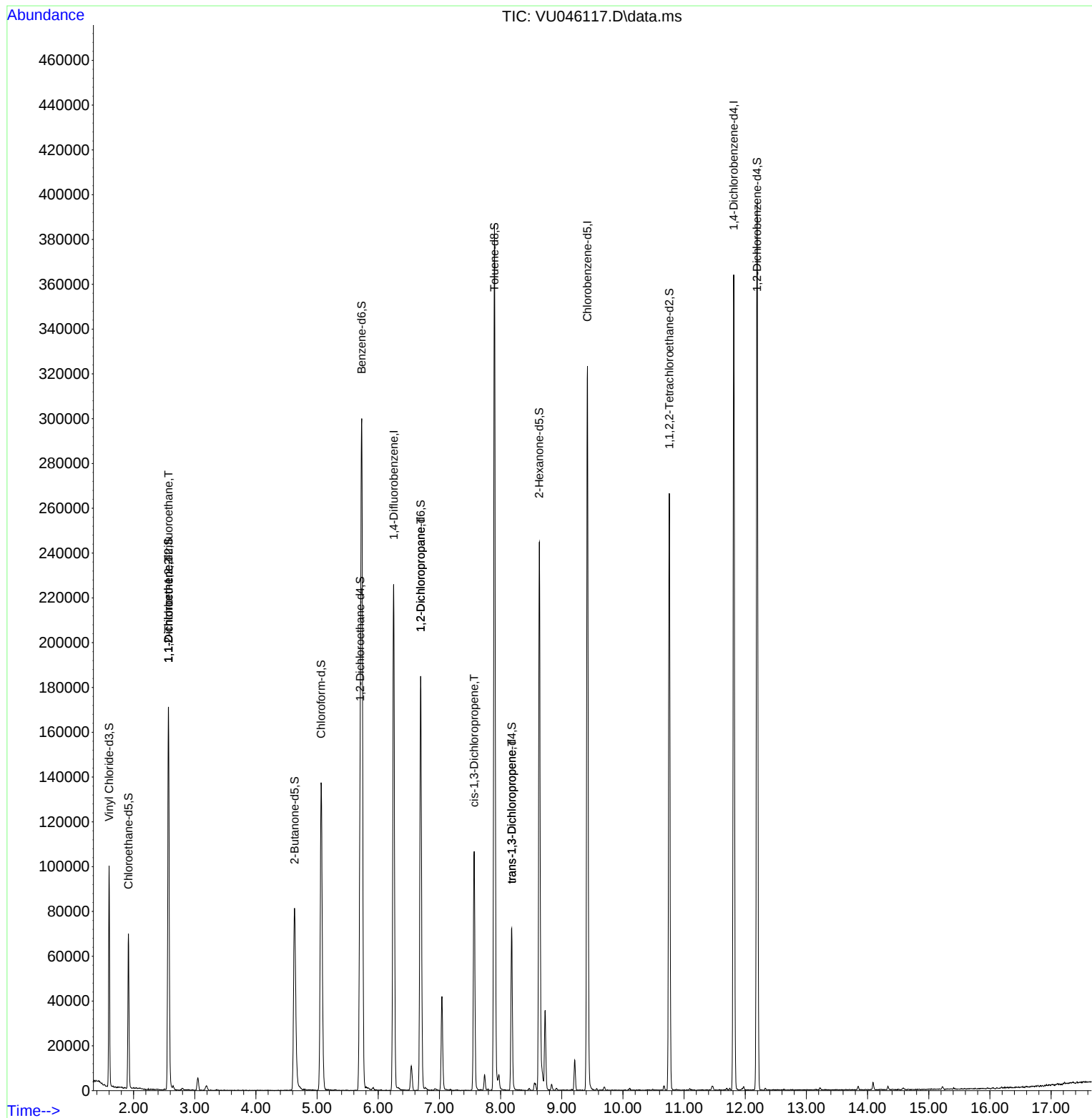
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	190414	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186238	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98883	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	68193	43.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.960%		
7) Chloroethane-d5	1.916	69	50072	41.577	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.160%		
11) 1,1-Dichloroethene-d2	2.571	63	101966	36.212	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.420%		
21) 2-Butanone-d5	4.632	46	120650	96.759	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.760%		
24) Chloroform-d	5.066	84	128195	48.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.880%		
26) 1,2-Dichloroethane-d4	5.703	65	88083	50.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.220%		
32) Benzene-d6	5.729	84	289958	54.321	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.640%		
36) 1,2-Dichloropropane-d6	6.693	67	88312	53.383	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.760%		
41) Toluene-d8	7.899	98	260407	53.580	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.160%		
43) trans-1,3-Dichloroprop...	8.182	79	41726	52.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.500%		
47) 2-Hexanone-d5	8.632	63	90127	114.904	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.900%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130343	51.954	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.900%		
66) 1,2-Dichlorobenzene-d4	12.195	152	104776	55.020	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.040%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1057	0.763	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	830	0.630	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	9337	6.323	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2699	1.202	ug/L #	77
44) trans-1,3-Dichloropropene	8.182	75	1711	0.776	ug/L	88

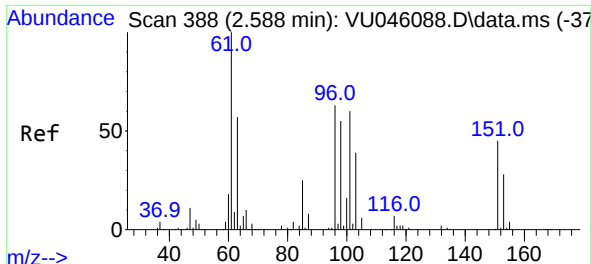
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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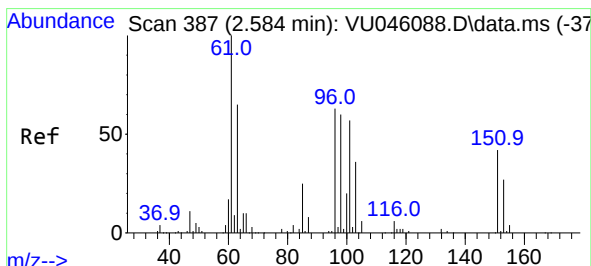
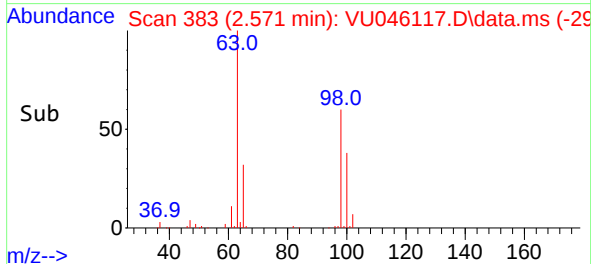
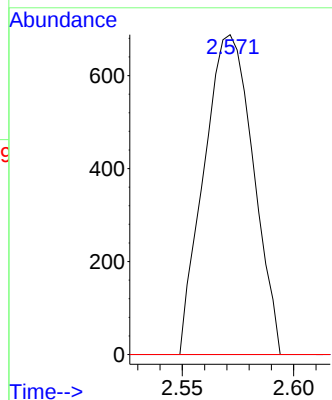
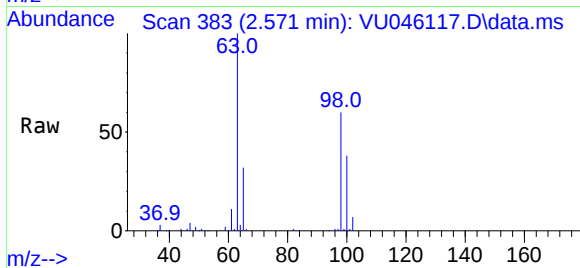




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.763 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046117.D
Acq: 06 Dec 2021 17:34

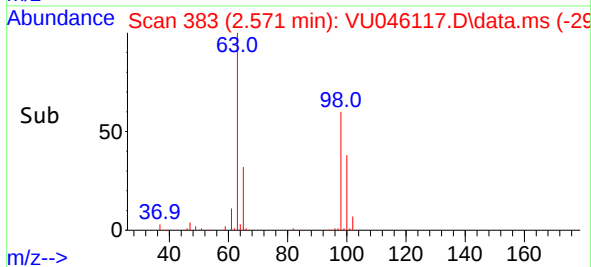
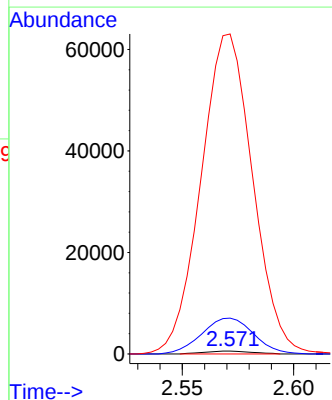
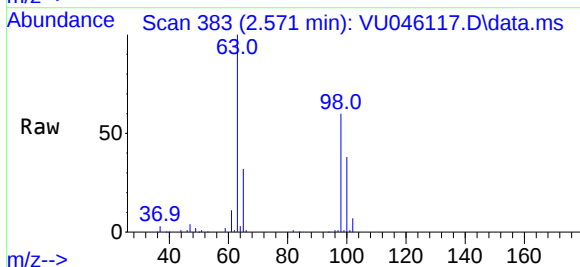
Instrument :
MSVOA_U
ClientSampleId :

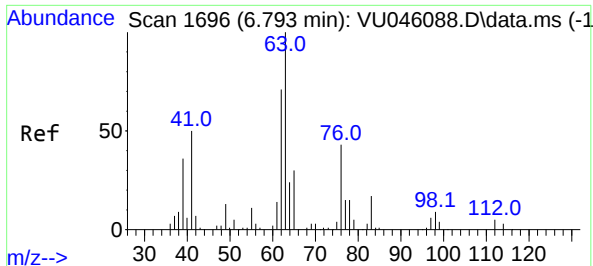
Tgt Ion:101 Resp: 1057
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.630 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046117.D
Acq: 06 Dec 2021 17:34

Tgt Ion: 96 Resp: 830
Ion Ratio Lower Upper
96 100
61 1268.5 118.6 220.2#
63 11298.9 93.0 172.8#

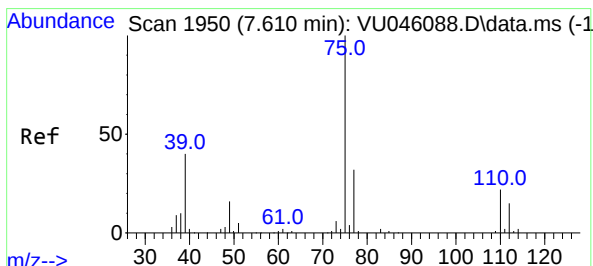
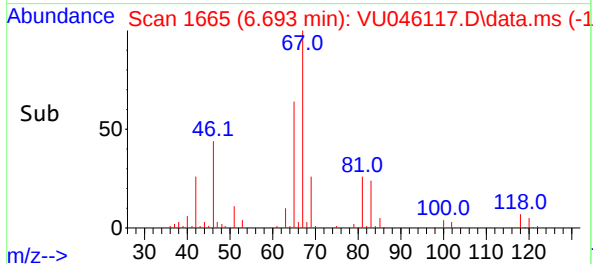
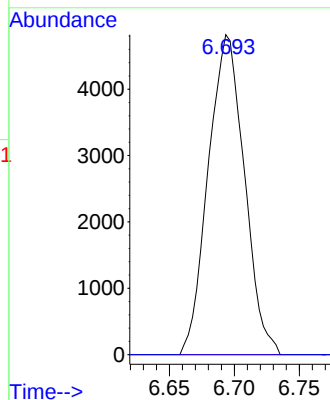
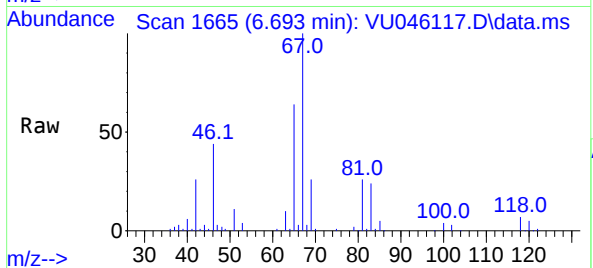




#37
1,2-Dichloropropane
Concen: 6.323 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046117.D
Acq: 06 Dec 2021 17:34

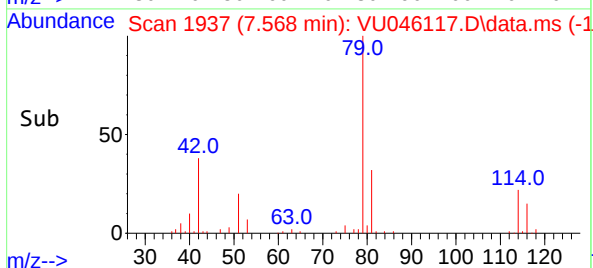
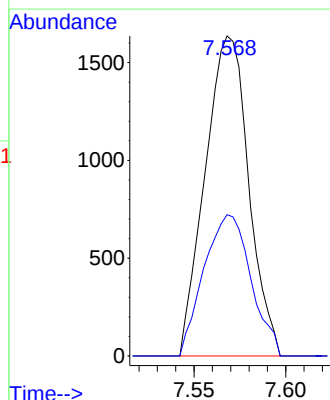
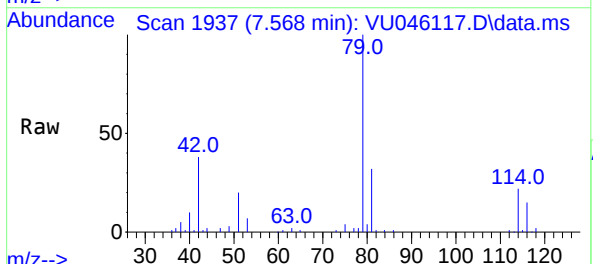
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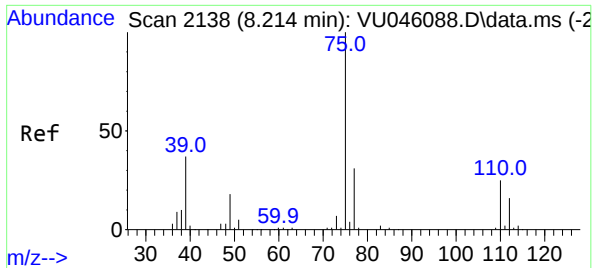
Tgt Ion: 63 Resp: 9337
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.202 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046117.D
Acq: 06 Dec 2021 17:34

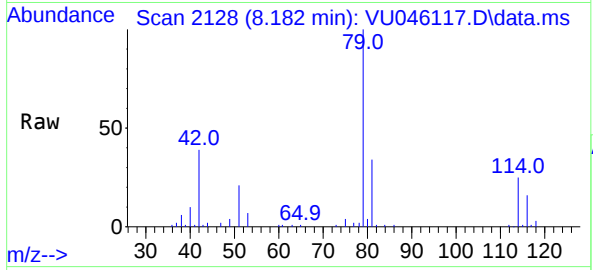
Tgt Ion: 75 Resp: 2699
Ion Ratio Lower Upper
75 100
77 44.1 21.8 40.6#





#44
 trans-1,3-Dichloropropene
 Concen: 0.776 ug/L
 RT: 8.182 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU046117.D
 Acq: 06 Dec 2021 17:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1711

Ion	Ratio	Lower	Upper
75	100		
77	37.8	21.7	40.3

